



Sacramento City Unified School District

GEORGE WASHINGTON CARVER SCHOOL OF ARTS & SCIENCE



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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Site Plan of Campus



Narrative Summary

The 13.5 acre site and school buildings provide a facility which supports a college preparatory curriculum integrated with the arts and nature.

The students, visitors, and staff enter the site from the south parking lot. An opportunity exists to improve the student drop off, plantings, irrigation, storm water management and shading. The quad and small performance area present a great opportunity for outdoor gathering and learning. Additional shade trees and seating areas could enhance the campus core.

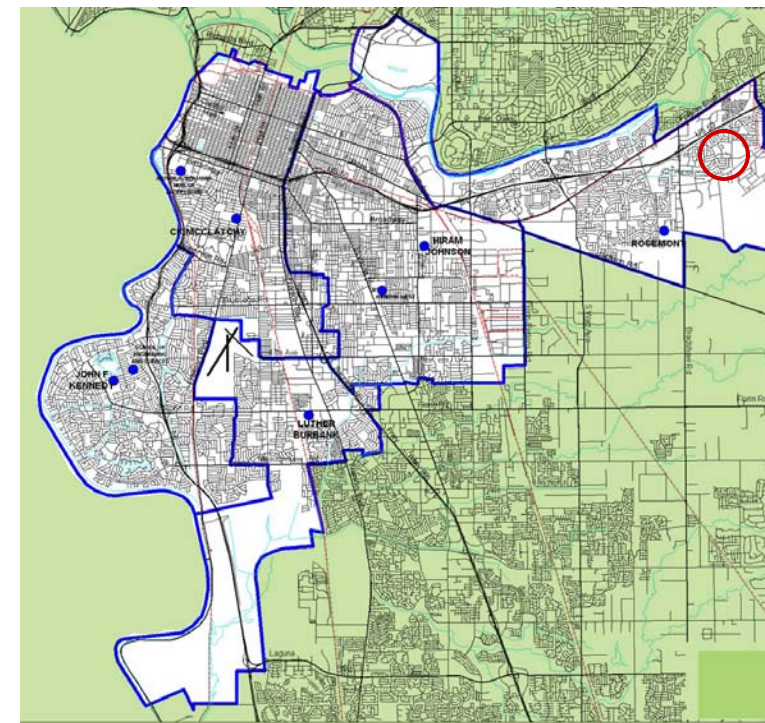
The athletic field and hard court areas are basic and in good condition. New water conserving plantings and benches would encourage outdoor gathering to compliment the large garden and its activities.

The classroom and core buildings built since 2005 are in good condition. Current needs include developing a small community theater, a dance room, upgrading library uses, expanding the physical education facilities, and developing the culinary facilities to process the vegetables grown in the school garden.

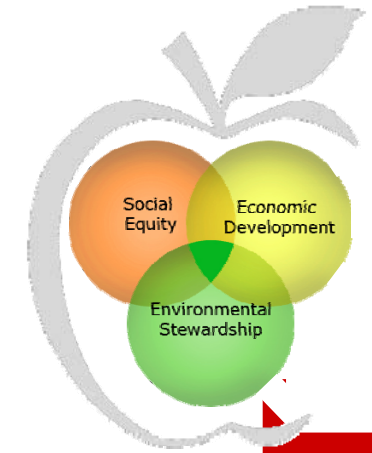
The classroom layout and clerestory windows allow a fair amount of daylight into each room. However, none of the windows are operable. An opportunity exists to integrate the fluorescent lighting, natural light/ventilation and the HVAC systems.



Campus Entry



School Location Legend



'Student Centered Education'

School Mission Statement

Teenagers are alive with questions about the world and their place in it. As they grow away from childhood, their questions shift and change. Our mission is to help teenagers become in the deepest sense, the people they are meant to be. This is an education that prepares students for college, and more. It is not simply an education geared to the requirements of national tests. The curriculum is rigorous, academic classes emphasize the development of independent investigation, critical thinking, and applied academic and creative skills they will later use to contribute to their community.



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Sustainable Sites - School Entry/Drop Off
There is no designated bus drop off. Improve directional signage and develop an accessible drop-off aisle.



Sustainable Sites - Irrigation
Consider removing excess turf and replanting with low water use plants or no-mow turf.



Sustainable Sites - Equip & Furnishings
Sports equipment is in good shape, but is very basic. No spectator seating. Base ball field has no benches. No track for running.



Water Efficiency
No hot water at Science Lab sinks, hot water circulation pump appears to be seized. Recommend repair/replacement of pump.



Energy & Atmosphere - Mechanical
Many classrooms exhibit excessive AC unit noise. Further study is recommended.



Materials & Resources - Interior
Second floor in library is not in use. Recommend further study to establish efficient use of space.



Materials & Resources - Interior
Day lighting and views to the outside. Replace the vinyl curtains with blinds to better control the glare and direct sunlight.



Materials & Resources - Interior
The performing arts program has displaced the digital arts classroom. The classroom has inadequate lighting, no stage and lack of storage.



Indoor Environmental Quality
Gym lighting is not multi-level control, which is required by T24. No automatic day lighting control in spaces with ample natural light (gym skylights).

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

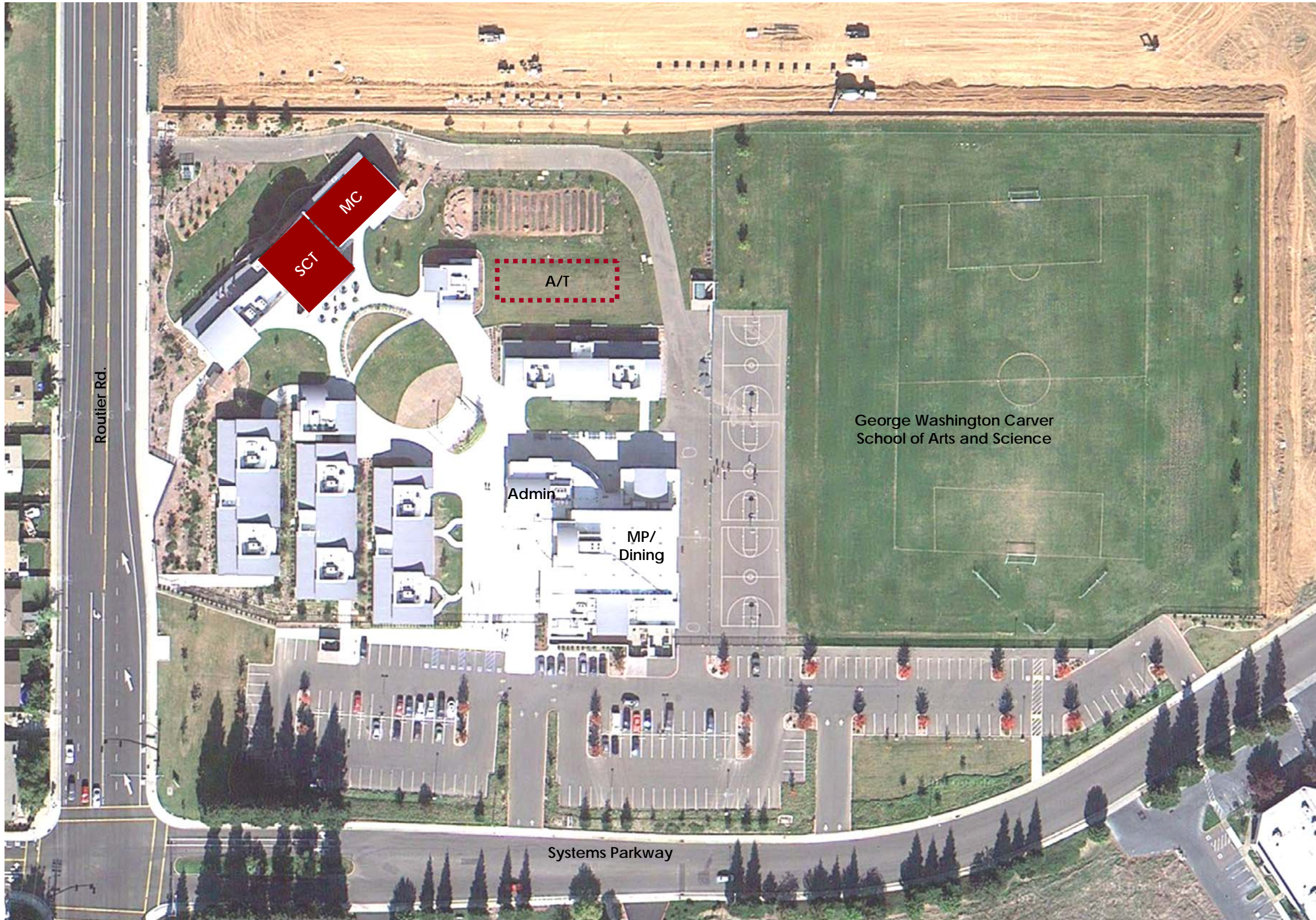
Improve the learning environment and extend the life-cycle of facilities while encouraging the use of efficient sustainable materials and reducing waste.

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 independent studies program at George Washington Carver School of Arts and Science supports a unique learning environment for its students and families. At this time there have been the following programmatic requests made to optimize the facilities to support it's educational needs. The current campus capacity is estimated at 630 students.

Transformation: (5,650sf)

- SCT** Transformation of Existing Media Center into Small Community Theatre.
- MC** Transformation of 2 Classrooms and Associated support spaces into Media Center.

New Construction: (3,000sf)

- A/T** Arts/Tech Center - New Building

DRAFT

SACRAMENTO CITY
UNIFIED SCHOOL DISTRICT
Sustainable Facilities Master Plan

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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:

- We need a small community theater with lights and stage facility including storage and space for prop building
- Upgrade the gym to include exercise options such as rock climbing, balance beams, etc.
- Develop a dance room with mirrors. Facilitate yoga and dance performances
- Add college career areas to the library
- Improve and expand the art classrooms, ceramics, painting, sculpture
- Provide a digital arts lab w/ video, photography, graphic design
- Full working computer lab w/ scanners and other tech resources
- Complete the technology starts (mount projectors, ensure wifi capability, etc.)
- Decrease the fan and HVAC equipment noise in the classrooms
- Update the disabled access throughout campus
- Provide an after school tutoring center
- Community use of the athletic fields

Project Cost Summary Matrix

	Code, Life Safety & Access	Maintenance & Operations	High Performance Transformation	Sustainable Category Total
Schools as Teaching Tools				
Sustainable Sites	\$890,110	\$500,370	\$9,150,700	\$10,541,180
Water Efficiency	\$0	\$138,970	\$479,830	\$618,800
Energy & Atmosphere	\$0	\$0	\$105,560	\$105,560
Materials & Resources	\$36,270	\$162,760	\$857,740	\$1,056,770
Indoor Environmental Quality	\$19,500	\$442,910	\$205,140	\$667,550
Leadership, Education & Innovation	\$0	\$0	\$2,436,460	\$2,436,460

Assessment Total \$945,880 \$1,245,010 \$13,235,430 \$15,426,320

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

CHPS Summary

Collaborative for High Performance Schools

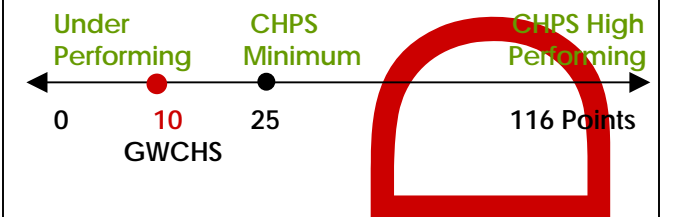
Supports the idea that " a well-designed facility can truly enhance performance and make education more enjoyable and rewarding...and a productive learning experience."

In accordance with the Green and Grid Neutral Model Schools Policy Initiative-BP 3511and 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	1
Sustainable Sites	14	3
Water Efficiency	9	0
Energy & Atmosphere	29	1
Climate	10	0
Materials & Resources	18	0
Indoor Environmental Quality	23/25	5
TOTAL	116	10



SACRAMENTO CITY UNIFIED SCHOOL DISTRICT Sustainable Facilities Master Plan

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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



SCHOOL ASSESSMENT LOG

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

SCHOOL SITE SUMMARY

School Name	George Washington Carver School of Arts & Science		
Address	10101 Systems Pkwy., Sacramento, CA 95827		
Grade Levels	9-12	Student Population	245**
Site Acreage	13.5**	Original Construction	2005**
Total Building Area- Permanent Structures	45,808 GSF	Total Building Area- Portable Structures	0
# Classrooms	20**	# Classrooms	0

* 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	Allegra Alessandri	916-228-5751	Allegra-Alessandri@sac-city.k12.ca.us
Plant Manager	SCUSD	Victor		
Architect	NTD Architecture	Daryl Moore	530-888-0999	dmoore@ntd.com
Landscape Architect	MIG Berkeley	Larry Wight	510-845-7549	larryw@migcom.com
Landscape Architect	MIG Davis	Chris Fullmer	(530) 753-9600	chrisf@migcom.com
Mechanical Engineer	Capital Engineering	Bill Vogt	916-851-3500	Bvogt@capital-engineering.com
Electrical Engineer	The Engineering Enterprise	Danny McKeVitt	530-886-8556	DmckeVitt@engent.com
Plumbing Engineer	Capital Engineering	Mike Rodgers	916-851-3500	mrodgers@capital-engineering.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			

DOCUMENTATION AVAILABLE		
REPORTS	PREPARED BY:	DATE:
DRAWING SETS		
SPECIFICATIONS		
DSA CLOSEOUT STATUS		
DSA APP#	PROJECT DESCRIPTION	STATUS
02-111460	Construction of 1-Accessible Pathway to New Garden Areas	ACCESS COMPLIANCE
02-111157	Alterations to 1-Classroom Building	Certification & Close of File
02-107452	Construction of M.P. Bldg, & Site work (incr#1); 7 C.R. Bldg/s, 2 restroom bldg.(Incr#2)	Certification & Close of File



CHPS SUMMARY

	Eligible Points	Actual Points
SUSTAINABLE SITES		
Sustainable Sites Total	14	3
WATER EFFICIENCY		
Water Efficiency Total	9	0
ENERGY & ATMOSPHERE		
Energy & Atmosphere Total	29	1
CLIMATE		
Climate Total	10	0
MATERIALS & RESOURCES		
Materials & Resources Total	18	0
INDOOR ENVIRONMENTAL QUALITY		
Indoor Environmental Quality Total	25	5
LEADERSHIP, EDUCATION & INNOVATION		
Leadership, Education & Innovation Total	13	1
Totals per School	118 Eligible Points	10 Actual Points

CHPS SUMMARY: SUSTAINABLE SITES

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

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	1	<i>Intent:</i> Avoid development on environmentally sensitive sites to reduce impact of the building footprint.
SS1.2	Central Location	1	1	<i>Intent:</i> To make the school more accessible to its occupants, and to promote smart growth.
SS1.3	Joint-Use of Facilities	1	0	<i>Intent:</i> Allow for more community and neighborhood integration within the school facility.
SS1.4	Joint-Use of Parks	1	0	<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	0	<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		<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

Eligible Points	14	3	Actual Points
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SUSTAINABLE SITES


Scope	Date	Repair / Replace Level	Category	Urgency Score	Urgency Score	Urgency Score
<p>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</p>						
1. School Entry/Drop Off						
.1	P.O.T./Sidewalks	04/12	1	C	3	Non-compliant. See 2009 accessibility survey.
.2	Drive/Drop Off (Parent)	04/12	1	C	3	Non-compliant. See 2009 accessibility survey.
						
.3	Drive/Drop Off (Bus)	04/12	4	C	3	Non compliant. No bus drop off space.
						
.4	Signage- Identification	04/12	1	M	1	Update directional signage for bus and passenger drop off
.5	Signage- Monument	04/12	0	M	0	
.6	Fence	04/12	1	M	1	Ornamental metal - paint
.7	Gates	04/12	1	M	1	Ornamental metal - paint
.8	Site Lighting: Type/Condition	04/12	0	-	0	HID architectural pole lights, new condition
.9	Site Lighting: Efficiency/ Cut-off	04/12	0	-	0	Full cut-off
.10	Building Mtd Lighting: Type/Condition	04/12	0	-	0	N/A
.11	Building Mtd Lighting: Efficiency/ Cut-off	04/12	0	-	0	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
.12 Lighting Controls Condition	04/12	0	-	0	PCI lighting control panel, new condition, located in main electrical room at Building A. Manufacturer is no longer PCI, is not Greengate by Cooper Lighting. Main LCP does not interface with other building LCPs, which are a different manufacturer. 
.13 Lighting Controls Efficiency	04/12	0	-	0	Exterior lighting controls are efficient.
.14 Planting - Trees Condition	04/12	0		0	
.15 Planting - Trees Adequacy	04/12	1	HP	1	Consider adding more trees to school entrance area to provide better shade to buildings.
.16 Planting-Shrub/Grndcvr Condition	04/12	2	M	2	Trimmed too tight in many places. Replace any dead or dying plants, remulch.  
.17 Planting-Shrub/Grndcvr Adequacy	04/12	0		0	
.18 Irrigation Condition	04/12	0		0	
.19 Irrigation Efficiency	04/12	0		0	
.20 Storm Water Drainage	04/12	0		0	
.21 Site Furnishings	04/12	1	HP	1	Consider adding benches to entrance area.

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	
.22 Other						
2. Parking & Drives						
.1	P.O.T./Sidewalks	04/12	0	M	0	
.2	Drive	04/12	0	M	0	
.3	Staff Parking - Condition	04/12	0	M	0	
.4	Staff Parking - Adequacy	04/12	0	HP	0	
.5	Student Parking - Condition	04/12	0	M	0	
.6	Student Parking - Adequacy	04/12	0	HP	0	
.7	Signage- Identification	04/12	0	M	0	
.8	Fence	04/12	1	M	1	Paint ornamental metal
.9	Gates	04/12	1	M	1	Paint ornamental metal
.10	Site Lighting: Type/Condition	04/12	0	-	0	HID architectural pole lights, new condition 
.11	Site Lighting: Efficiency/ Cut-off	04/12	0	-	0	Full cut-off
.12	Building Mtd Lighting: Type/Condition	04/12	0	-	0	N/A
.13	Building Mtd Lighting: Efficiency/ Cut-off	04/12	0	-	0	N/A
.14	Lighting Controls Condition	04/12	0	-	0	PCI lighting control panel, new condition, located in main electrical room at Building A. Manufacturer is no longer PCI, is not Greengate by Cooper Lighting. Main LCP does not interface with other building LCPs, which are a different manufacturer.
.15	Lighting Controls Efficiency	04/12	0	-	0	Exterior lighting controls are efficient.
.16	Planting-Trees for Shade Condition	04/12	0		0	


Scope	Date	Repair / Replace Level	Category	Urgency Score	
.17 Planting - Trees for Shade Adequacy	04/12	4	HP	2	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p> <p>Add more trees in parking lot to shade cars. Parking & drives do not meet Sacramento Ordinance 17.68.040 for 50% shade at parking & drives.</p> 
.18 Planting-Shrub/Grndcvr Condition	04/12	2	M	2	<p>Trimmed too tight in many places. Replace dead or dying plants.</p>  
.19 Planting-Shrub/Grndcvr Adequacy	04/12	2	HP	1	<p>Consider removing excess turf and replanting with low water use plants or no-mow turf.</p>  
.20 Irrigation Condition	04/12	0		0	
.21 Irrigation Efficiency	04/12	0		0	
.22 Storm Water Drainage	04/12	0		0	
.23 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
3. Service Access (Fire/Maintenance/Trash Pick Up)						
.1	Drive/Vehicle Access	04/12	0	M	0	
.2	Trash/Recycle Area	04/12	2	M	2	Paint metal gates 
.3	Service Yard	04/12	0	M	0	
.4	Signage- Identification	04/12	0	M	0	
.5	Fence	04/12	0	M	0	
.6	Gates	04/12	-	-	-	See above
.7	Site Lighting: Type/Condition	04/12	-	-	-	N/A
.8	Site Lighting: Efficiency/ Cut-off	04/12	-	-	-	N/A
.9	Building Mtd Lighting: Type/Condition	04/12	-	-	-	N/A
.10	Building Mtd Lighting: Efficiency/ Cut-off	04/12	-	-	-	N/A
.11	Lighting Controls Condition	04/12	-	-	-	N/A
.12	Lighting Controls Efficiency	04/12	-	-	-	N/A
.13	Planting-Trees for Shade Condition	04/12	0		0	
.14	Planting - Trees for Shade Adequacy	04/12	0		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
.15 Planting-Shrub/Grndcvr Condition	04/12	2	M	2	Shrubs are trimmed too tight in many places. Overgrown weeds at rear service entrance. Replace dead or dying plants, remulch.
					
.16 Planting-Shrub/Grndcvr Adequacy	04/12	0		0	
.17 Irrigation Condition	04/12	0		0	
.18 Irrigation Efficiency	04/12	0		0	
.19 Storm Water Drainage	04/12	0		0	
.20 Site Furnishings	04/12	0		0	
.21 Other					
4. Outdoor Activity					
.1 P.O.T./Walks	04/12	0	M	0	
.2 Vehicle Access	04/12	0	M	0	
.3 Paved School Yard / Courts	04/12	0	M	0	
.4 Pool	04/12	-	-	-	N/A
.5 Signage- Identification	04/12	0	M	0	
.6 Fence	04/12	0	M	0	CMU, chain link
.7 Gates	04/12	0	M	0	Metal & chain link; paint metal
.8 Site Lighting: Type/Condition	04/12	-	-	-	N/A
.9 Site Lighting: Efficiency/ Cut-off	04/12	-	-	-	N/A
.10 Building Mtd Lighting: Type/Condition	04/12	-	-	-	N/A
.11 Building Mtd Lighting: Efficiency/ Cut-off	04/12	-	-	-	N/A
.12 Lighting Controls Condition	04/12	-	-	-	N/A
.13 Lighting Controls Efficiency	04/12	-	-	-	N/A
.14 Play Equipment-School-age	04/12	-	-	-	N/A
.15 Play Equipment-Kinder	04/12	-	-	-	N/A

Scope	Date	Repair / Replace Level	Category	Urgency Score	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.16 Sports / Fitness Equipments	04/12	4	HP	1	<p>Sports equipment is in good shape, but is very basic. No spectator seating. Base ball field has no benches. No track for running.</p> 
.17 Tennis Courts	04/12	-	-	-	N/A
.18 Football Field	04/12	-	-	-	N/A
.19 Sports Field	04/12	4	HP	1	<p>See the Athletic Field Assessments and Recommendations Study, dated February 2008 completed by Beals Alliance for additional information.</p>
.20 Other Turf Areas	04/12	0		0	
.21 Outdoor Gathering / Seating Areas	04/12	4	HP	1	<p>Currently none exists. Consider adding seating for gathering opportunities around fields and courts.</p>
.22 Outdoor Learning Area	04/12	-	-	-	N/A
.23 Planting-Trees for Shade Condition	04/12	0		0	
.24 Planting - Trees for Shade Adequacy	04/12	4	HP	1	<p>Add trees to north & south perimeter of turf fields, and at hardcourt edge.</p> 
.25 Planting-Shrub/Grndcvr Condition	04/12	-	-	-	N/A
.26 Planting-Shrub/Grndcvr Adequacy	04/12	4	HP	1	<p>Recommend replacing portions of field not used for sports or other school activity with low water use plantings, outdoor classroom, or school garden space.</p>
.27 Irrigation - Fields Condition	04/12	0		0	

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.28 Irrigations - Fields Efficiency	04/12	1	HP	1	Recommend evaluation by an irrigation auditor to assess the site's irrigation system as required by City Model Water Efficient Landscape Ordinance section 15.92.210 & AB 1881.
.29 Irrigation - Other	04/12	0		0	
.30 Storm Water Drainage	04/12	2	M	2	Need to address minor soil erosion before it causes problems. Replant swale or consider using other plant species.
					
.31 Site Furnishings	04/12	4	HP	1	Recommend adding shaded seating at ball fields and basketball courts, including west side of courts.
					
.32 School Garden	04/12	3	C	3	Garden and work areas need to be ADA accessible.
					
.33 Other	04/12	4	C	1	Field is not ADA accessible.

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5. Campus Core						
.1	P.O.T./Walks	04/12	1	C	3	Non-compliant. See 2009 accessibility survey.
.2	Vehicle Access - Fire/Emergency	04/12	0	M	0	
.3	Vehicle Access - Maintenance	04/12	0	M	0	
.4	Signage- Identification	04/12	0	M	0	
.5	Fence	04/12	1	M	1	ornamental metal - paint
.6	Gates	04/12	1	M	1	ornamental metal - paint
.7	Site Lighting: Type/Condition	04/12	0	-	0	Adjustable HID floodlights mounted on a pole illuminate outdoor auditorium stage.
.8	Site Lighting: Efficiency/ Cut-off	04/12	0	HP	0	Not cut-off.
.9	Building Mtd Lighting: Type/Condition	04/12	0	-	0	CFL vandal resistant with polycarbonate lens, wall mounted and mounted under canopy. Observed one location at Building H where housing had been removed. Some CFL downlights at Building A
						
.10	Building Mtd Lighting: Efficiency/ Cut-off	04/12	2	HP	1	Wall mounted fixtures are not cut-off.

Scope	Date	Repair / Replace Level	Category	Urgency Score	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.11 Lighting Controls Condition	04/12	0	-	0	<p>Building mounted lighting is controlled by a Wattstopper LI series 8-relay LCP at each building. Different manufacturer from the main LCP at Building A.</p> 
.12 Lighting Controls Efficiency	04/12	0	-	0	Controls are efficient.
.13 Outdoor Gathering Quad	04/12	4	HP	1	<p>Quad provides appropriate gathering place, but not very useful or people friendly when there is no large assembly. In general, Quad feels harsh & is not a place that encourages social interaction. Provide additional seating. Large expanse of high-glare paving needs relief. Provide connection through planting border from table area to turf. Plant trees for shade at perimeter of oval. Turf is bare & weedy. Extensive clover is a bee hazard.</p>  

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
.14 Outdoor Learning Area	04/12	3	C	3	Not ADA accessible, Needs ADA entrance, path of travel and seating. Minor repairs to seating needed.
					
.15 Trees for Building & Courtyard Shading - Condition	04/12	0		0	
.16 Trees for Building & Courtyard Shading - Adequacy	04/12	4	HP	1	Trees are adequate except for center quad. See 5.13.
.17 Planting-Shrub/Grndcvr Condition	04/12	2	M	2	Plants are often trimmed too tight; correct pruning policy to allow natural growth. Replace any dead or dying plants, remulch. Extreme weed problems in all turf on this campus. Entire center lawn is clover. Reseed.
					
.18 Planting-Shrub/Grndcvr Adequacy	04/12	3	HP	1	Fill in empty planting areas with low water use shrubs and groundcover to achieve dense full coverage.
.19 Irrigation Condition	04/12	0		0	
.20 Irrigation Efficiency	04/12	1	HP	1	Recommend evaluation by an irrigation auditor to assess the site's irrigation system as required by City Model Water Efficient Landscape Ordinance section 15.92.210 & AB 1881.
.21 Storm Water Drainage	04/12	0		0	
.22 Site Furnishings	04/12	3	HP	1	Provide additional seating.
.23 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
6. Utilities / Infrastructure						
.1	Fire Service / Hydrants	04/12	0	C	0	
.2	Irrigation POC (meter & BFU)	04/12	0		0	
.3	Irrigation Controls	04/12	1	HP	1	Controller needs to be updated to comply with Water Efficient Landscape Ordinance section 15.92.210 & AB 1881.
.4	Other					



CHPS SUMMARY: WATER EFFICIENCY

Credit # / Title		Eligible Points	Actual Points	Notes
				Eligible Points: P- Prerequisite (Required), 1+ Per CHPS Actual Points: Per Assessment
1. Outdoor Systems				
WE1.0	Create Water Use Budget	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.
2. Indoor Systems				
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.
3. Water Efficiency				
WE3.1	Water Management System	1	0	<i>Intent:</i> Provide ongoing accountability and optimization of the building and site water performance over time.
CHPS- Sustainable Sites: Summary				
		Eligible Points	9	Actual Points
			0	



WATER EFFICIENCY



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Campus Systems						
1. Site Utilities & Infrastructure						
.1	Domestic Water Service: BFP	04/12	0	M	0	Equipment is in good condition.
.2	Domestic Water Service: Other	04/12	-	-	-	N/A
.3	Fire Protection: BFP	04/12	2	M	1	Equipment is in good condition.
.4	Fire Protection: FDC	04/12	0	M	0	Equipment is in good condition.
.5	Fire Protection: PIV	04/12	0	M	0	Equipment is in good condition.
.6	Fire Protection: Other	04/12	-	-	-	N/A
.7	Sanitary Sewer: Condition	04/12	0	M	0	System is in good condition.
.8	Sanitary Sewer: Other	04/12	-	-	-	N/A
.9	Drinking Fountain: Condition	04/12	-	-	-	N/A
.10	Drinking Fountain: Efficiency	04/12	-	HP	-	N/A
.11	Other					
Building - A						
1. Plumbing Systems						
.1	Sink Condition	04/12	0	M	0	Fixtures are in good condition
.2	Sink Efficiency	04/12	4	HP	1	Provide low flow 1.5 GPM aerators.
.3	Lavatories Condition	04/12	-	-	-	N/A
.4	Lavatories Efficiency	04/12	-	-	-	N/A
.5	Urinals Condition	04/12	-	-	-	N/A
.6	Urinals Efficiency	04/12	-	-	-	N/A
.7	Water Closets Condition	04/12	-	-	-	N/A
.8	Water Closets Efficiency	04/12	-	-	-	N/A
.9	Showers Condition	04/12	0	M	0	Fixtures are in good condition
.10	Showers Efficiency	04/12	-	-	-	N/A

Scope		Date	Repair / Replace Level	Category	Urgency Score	
<p>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</p>						
.11	Drinking Fountain Cond	04/12	2	M	1	Fixtures are in good condition. Drain plugged at one location. 
.12	Drinking Fountain Effic	04/12	4	HP	1	Provide low water consumption fixture.
.13	Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14	Floor Drains	04/12	0	M	0	Fixtures are in good condition
.15	Gas Distribution	04/12	0	M	0	System is in good condition.
.16	Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17	Condensate Drain	04/12	0	M	0	System is in good condition.
.18	Other	04/12	2	M	1	Can wash exhibits evidence of leakage at threaded pipe joints, recommend repair. 
2. Specialty Systems						
.1	Acid Neutralization / Separation	04/12	-	-	-	N/A
.2	Clay Separation	04/12	-	-	-	N/A
.3	Other	04/12	0	M	0	Grease interceptor system is in good condition.
3. Fire Protection Systems						
.1	Fire Systems	04/12	0	M	0	System is in good condition.
.2	Other					

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Building - B						
1. Plumbing Systems						
.1	Sink Condition	04/12	0	M	0	Fixtures are in good condition
.2	Sink Efficiency	04/12	4	HP	1	Provide low flow 1.5 GPM aerators.
.3	Lavatories Condition	04/12	-	-	-	N/A
.4	Lavatories Efficiency	04/12	-	-	-	N/A
.5	Urinals Condition	04/12	-	-	-	N/A
.6	Urinals Efficiency	04/12	-	-	-	N/A
.7	Water Closets Condition	04/12	-	-	-	N/A
.8	Water Closets Efficiency	04/12	-	-	-	N/A
.9	Showers Condition	04/12	-	-	-	N/A
.10	Showers Efficiency	04/12	-	-	-	N/A
.11	Drinking Fountain Cond	04/12	-	-	-	N/A
.12	Drinking Fountain Effic	04/12	-	-	-	N/A
.13	Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14	Floor Drains	04/12	-	-	-	N/A
.15	Gas Distribution	04/12	0	M	0	System is in good condition.
.16	Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17	Condensate Drain	04/12	0	M	0	System is in good condition.
.18	Other					
2. Specialty Systems						
.1	Acid Neutralization / Separation	04/12	-	-	-	N/A
.2	Clay Separation	04/12	-	-	-	N/A
.3	Other					
3. Fire Protection Systems						
.1	Fire Systems	04/12	0	M	0	System is in good condition.
.2	Other					
Building - C						
1. Plumbing Systems						
.1	Sink Condition	04/12	0	M	0	Fixtures are in good condition
.2	Sink Efficiency	04/12	4	HP	1	Provide low flow 1.5 GPM aerators.
.3	Lavatories Condition	04/12	-	-	-	N/A
.4	Lavatories Efficiency	04/12	-	-	-	N/A
.5	Urinals Condition	04/12	-	-	-	N/A
.6	Urinals Efficiency	04/12	-	-	-	N/A
.7	Water Closets Condition	04/12	-	-	-	N/A
.8	Water Closets Efficiency	04/12	-	-	-	N/A
.9	Showers Condition	04/12	-	-	-	N/A
.10	Showers Efficiency	04/12	-	-	-	N/A

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.11	Drinking Fountain Cond	04/12	-	-	-	N/A
.12	Drinking Fountain Effic	04/12	-	-	-	N/A
.13	Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14	Floor Drains	04/12	-	-	-	N/A
.15	Gas Distribution	04/12	0	M	0	System is in good condition.
.16	Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17	Condensate Drain	04/12	0	M	0	System is in good condition.
.18	Other					
2. Specialty Systems						
.1	Acid Neutralization / Separation	04/12	0	M	0	System is in good condition.
.2	Clay Separation	04/12	-	-	-	N/A
.3	Other					
3. Fire Protection Systems						
.1	Fire Systems	04/12	0	M	0	System is in good condition.
.2	Other					
Building - D						
1. Plumbing Systems						
.1	Sink Condition	04/12	0	M	0	Fixtures are in good condition
.2	Sink Efficiency	04/12	4	HP	1	Provide low flow 1.5 GPM aerators.
.3	Lavatories Condition	04/12	-	-	-	N/A
.4	Lavatories Efficiency	04/12	-	-	-	N/A
.5	Urinals Condition	04/12	-	-	-	N/A
.6	Urinals Efficiency	04/12	-	-	-	N/A
.7	Water Closets Condition	04/12	-	-	-	N/A
.8	Water Closets Efficiency	04/12	-	-	-	N/A
.9	Showers Condition	04/12	-	-	-	N/A
.10	Showers Efficiency	04/12	-	-	-	N/A
.11	Drinking Fountain Cond	04/12	-	-	-	N/A
.12	Drinking Fountain Effic	04/12	-	-	-	N/A
.13	Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14	Floor Drains	04/12	-	-	-	N/A
.15	Gas Distribution	04/12	0	M	0	System is in good condition.
.16	Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17	Condensate Drain	04/12	0	M	0	System is in good condition.
.18	Other					
2. Specialty Systems						
.1	Acid Neutralization / Separation	04/12	-	-	-	N/A
.2	Clay Separation	04/12	-	-	-	N/A
.3	Other					

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3. Fire Protection Systems						
.1	Fire Systems	04/12	0	M	0	System is in good condition.
.2	Other					
Building - E						
1. Plumbing Systems						
.1	Sink Condition	04/12	0	M	0	Fixtures are in good condition
.2	Sink Efficiency	04/12	4	HP	1	Provide low flow 1.5 GPM aerators.
.3	Lavatories Condition	04/12	-	-	-	N/A
.4	Lavatories Efficiency	04/12	-	-	-	N/A
.5	Urinals Condition	04/12	-	-	-	N/A
.6	Urinals Efficiency	04/12	-	-	-	N/A
.7	Water Closets Condition	04/12	-	-	-	N/A
.8	Water Closets Efficiency	04/12	-	-	-	N/A
.9	Showers Condition	04/12	-	-	-	N/A
.10	Showers Efficiency	04/12	-	-	-	N/A
.11	Drinking Fountain Cond	04/12	-	-	-	N/A
.12	Drinking Fountain Effic	04/12	-	-	-	N/A
.13	Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14	Floor Drains	04/12	-	-	-	N/A
.15	Gas Distribution	04/12	0	M	0	System is in good condition.
.16	Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17	Condensate Drain	04/12	0	M	0	System is in good condition.
.18	Other					
2. Specialty Systems						
.1	Acid Neutralization / Separation	04/12	-	-	-	N/A
.2	Clay Separation	04/12	-	-	-	N/A
.3	Other					
3. Fire Protection Systems						
.1	Fire Systems	04/12	0	M	0	System is in good condition.
.2	Other					
Building - H						
1. Plumbing Systems						
.1	Sink Condition	04/12	2	M	2	Fixtures are in good condition.
.2	Sink Efficiency	04/12	4	HP	1	Provide low flow 1.5 GPM aerators.
.3	Lavatories Condition	04/12	-	-	-	N/A
.4	Lavatories Efficiency	04/12	-	-	-	N/A
.5	Urinals Condition	04/12	-	-	-	N/A
.6	Urinals Efficiency	04/12	-	-	-	N/A

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.7	Water Closets Condition	04/12	-	-	-	N/A
.8	Water Closets Efficiency	04/12	-	-	-	N/A
.9	Showers Condition	04/12	-	-	-	N/A
.10	Showers Efficiency	04/12	-	-	-	N/A
.11	Drinking Fountain Cond	04/12	2	M	2	Fixtures are in good condition, one valve appears to be leaking. Recommend repair. 
.12	Drinking Fountain Effic	04/12	4	HP	1	Provide low water consumption fixture.
.13	Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14	Floor Drains	04/12	0	M	0	Fixtures are in good condition
.15	Gas Distribution	04/12	0	M	0	System is in good condition.
.16	Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17	Condensate Drain	04/12	0	M	0	System is in good condition.
.18	Other	04/12	2	M	2	Emergency eye wash and shower systems are in good condition. No hot water at Science Lab sinks, hot water circulation pump appears to be seized. Recommend repair/replacement of pump. 
2. Specialty Systems						
.1	Acid Neutralization / Separation	04/12	0	M	0	System is in good condition.
.2	Clay Separation	04/12	-	-	-	N/A

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.3 Other					
3. Fire Protection Systems					
.1 Fire Systems	04/12	0	M	0	System is in good condition.
.2 Other					
Building - J					
1. Plumbing Systems					
.1 Sink Condition	04/12	-	-	-	N/A
.2 Sink Efficiency	04/12	-	-	-	N/A
.3 Lavatories Condition	04/12	-	-	-	N/A
.4 Lavatories Efficiency	04/12	-	-	-	N/A
.5 Urinals Condition	04/12	-	-	-	N/A
.6 Urinals Efficiency	04/12	-	-	-	N/A
.7 Water Closets Condition	04/12	-	-	-	N/A
.8 Water Closets Efficiency	04/12	-	-	-	N/A
.9 Showers Condition	04/12	-	-	-	N/A
.10 Showers Efficiency	04/12	-	-	-	N/A
.11 Drinking Fountain Cond	04/12	0	M	0	Fixtures are in good condition
.12 Drinking Fountain Effic	04/12	4	HP	1	Provide low water consumption fixture.
.13 Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14 Floor Drains	04/12	-	-	-	N/A
.15 Gas Distribution	04/12	0	M	0	System is in good condition.
.16 Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17 Condensate Drain	04/12	0	M	0	System is in good condition.
.18 Other					
2. Specialty Systems					
.1 Acid Neutralization / Separation	04/12	-	-	-	N/A
.2 Clay Separation	04/12	-	-	-	N/A
.3 Other					
3. Fire Protection Systems					
.1 Fire Systems	04/12	0	M	0	System is in good condition.
.2 Other					
Building - K					
1. Plumbing Systems					
.1 Sink Condition	04/12	-	-	-	N/A
.2 Sink Efficiency	04/12	-	-	-	N/A
.3 Lavatories Condition	04/12	-	-	-	N/A
.4 Lavatories Efficiency	04/12	-	-	-	N/A
.5 Urinals Condition	04/12	-	-	-	N/A
.6 Urinals Efficiency	04/12	-	-	-	N/A

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.7	Water Closets Condition	04/12	-	-	-	N/A
.8	Water Closets Efficiency	04/12	-	-	-	N/A
.9	Showers Condition	04/12	-	-	-	N/A
.10	Showers Efficiency	04/12	-	-	-	N/A
.11	Drinking Fountain Cond	04/12	0	M	0	Fixtures are in good condition
.12	Drinking Fountain Effic	04/12	4	HP	1	Provide low water consumption fixture.
.13	Floor Sinks	04/12	0	M	0	Fixtures are in good condition
.14	Floor Drains	04/12	-	-	-	N/A
.15	Gas Distribution	04/12	0	M	0	System is in good condition.
.16	Roof Drain / Overflow	04/12	0	M	0	System is in good condition.
.17	Condensate Drain	04/12	0	M	0	System is in good condition.
.18	Other		-	-	-	N/A
2. Specialty Systems						
.1	Acid Neutralization / Separation	04/12	-	-	-	N/A
.2	Clay Separation	04/12	-	-	-	N/A
.3	Other					
3. Fire Protection Systems						
.1	Fire Systems	04/12	0	M	0	System is in good condition.
.2	Other					
Building - Staff Restrooms						
1. Plumbing Systems						
.1	Sink Condition	04/12	-	-	-	N/A
.2	Sink Efficiency	04/12	-	-	-	N/A
.3	Lavatories Condition	04/12	0	M	0	Fixtures are in good condition.
.4	Lavatories Efficiency	04/12	4	HP	1	Provide low flow 0.5 GPM aerators.
.5	Urinals Condition	04/12	0	M	0	Fixtures are in good condition.
.6	Urinals Efficiency	04/12	4	HP	1	Provide ultra-low flow 0.50 GPF fixtures.
.7	Water Closets Condition	04/12	0	M	0	Fixtures are in good condition.
.8	Water Closets Efficiency	04/12	4	HP	1	Provide ultra-low flow 1.28 GPF fixtures.
.9	Showers Condition	04/12	-	-	-	N/A
.10	Showers Efficiency	04/12	-	-	-	N/A
.11	Drinking Fountain Cond	04/12	-	-	-	N/A
.12	Drinking Fountain Effic	04/12	-	-	-	N/A
.13	Floor Sinks	04/12	-	-	-	N/A
.14	Floor Drains	04/12	0	M	0	Fixtures are in good condition.
.15	Gas Distribution	04/12	-	-	-	N/A
.16	Roof Drain / Overflow	04/12	-	-	-	N/A
.17	Condensate Drain	04/12	-	-	-	N/A
.18	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					
2. Specialty Systems					
.1	Acid Neutralization / Separation	04/12	-	-	- N/A
.2	Clay Separation	04/12	-	-	- N/A
.3	Other				
3. Fire Protection Systems					
.1	Fire Systems	04/12	-	-	- N/A
.2	Other				
Building - Student Restrooms					
1. Plumbing Systems					
.1	Sink Condition	04/12	-	-	- N/A
.2	Sink Efficiency	04/12	-	-	- N/A
.3	Lavatories Condition	04/12	0	M	0 Fixtures are in good condition.
.4	Lavatories Efficiency	04/12	4	HP	1 Provide low flow 0.5 GPM aerators.
.5	Urinals Condition	04/12	0	M	0 Fixtures are in good condition.
.6	Urinals Efficiency	04/12	4	HP	1 Provide ultra-low flow 0.50 GPF fixtures.
.7	Water Closets Condition	04/12	0	M	0 Fixtures are in good condition.
.8	Water Closets Efficiency	04/12	4	HP	1 Provide ultra-low flow 1.28 GPF fixtures.
.9	Showers Condition	04/12	-	-	- N/A
.10	Showers Efficiency	04/12	-	-	- N/A
.11	Drinking Fountain Cond	04/12	-	-	- N/A
.12	Drinking Fountain Effic	04/12	-	-	- N/A
.13	Floor Sinks	04/12	-	-	- N/A
.14	Floor Drains	04/12	0	M	0 Fixtures are in good condition.
.15	Gas Distribution	04/12	-	-	- N/A
.16	Roof Drain / Overflow	04/12	-	-	- N/A
.17	Condensate Drain	04/12	-	-	- N/A
.18	Other				
2. Specialty Systems					
.1	Acid Neutralization / Separation	04/12	-	-	- N/A
.2	Clay Separation	04/12	-	-	- N/A
.3	Other				
3. Fire Protection Systems					
.1	Fire Systems	04/12	-	-	- N/A
.2	Other				



CHPS SUMMARY: ENERGY & ATMOSPHERE

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


Eligible Points	29	1	Actual Points
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ENERGY & ATMOSPHERE

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	
Site Utilities & Infrastructure						
1. Central Plant						
.1	Boiler: Condition	04/12	-	-	-	N/A
.2	Boiler: Efficiency	04/12	-	-	-	N/A
.3	Chiller: Condition	04/12	-	-	-	N/A
.4	Chiller: Efficiency	04/12	-	-	-	N/A
.5	Other					
Building - A						
1. HVAC Systems						
.1	Equipment: Condition	04/12	0	M	0	The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old. Equipment is in good condition.
.2	Equipment: Efficiency	04/12	-	-	-	N/A
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	-	-	-	N/A
.3	Other	04/12	0	M	0	Kitchen exhaust hood and fan are in good condition.
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	Other					

Scope		Date	Repair / Replace Level	Category	Urgency Score	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
Building - B						
1. HVAC Systems						
.1	Equipment: Condition	04/12	-	M	-	<p>The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old and is in good condition. Many classrooms exhibit excessive AC unit noise.</p> 
.2	Equipment: Efficiency	04/12	4	HP	2	Recommend installation of VFD on supply fan motor with low fan speed for first stage heating or cooling to reduce classroom noise and reduce energy consumption.
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	-	-	-	N/A
.3	Other					
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	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
Building - C						
1. HVAC Systems						
.1	Equipment: Condition	04/12	-	M	-	<p>The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old and is in good condition. Many classrooms exhibit excessive AC unit noise.</p> 
.2	Equipment: Efficiency	04/12	4	HP	2	Recommend installation of VFD on supply fan motor with low fan speed for first stage heating or cooling to reduce classroom noise and reduce energy consumption.
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	-	-	-	N/A
.3	Other					
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	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
Building - D						
1. HVAC Systems						
.1	Equipment: Condition	04/12	-	M	-	<p>The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old and is in good condition. Many classrooms exhibit excessive AC unit noise.</p> 
.2	Equipment: Efficiency	04/12	4	HP	2	Recommend installation of VFD on supply fan motor with low fan speed for first stage heating or cooling to reduce classroom noise and reduce energy consumption.
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	-	-	-	N/A
.3	Other					
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	Other					

Scope		Date	Repair / Replace Level	Category	Urgency Score	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
Building - E						
1. HVAC Systems						
.1	Equipment: Condition	04/12	-	M	-	<p>The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old and is in good condition. Many classrooms exhibit excessive AC unit noise.</p> 
.2	Equipment: Efficiency	04/12	4	HP	2	Recommend installation of VFD on supply fan motor with low fan speed for first stage heating or cooling to reduce classroom noise and reduce energy consumption.
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	-	-	-	N/A
.3	Other					
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	Other					
Building - H						
1. HVAC Systems						
.1	Equipment: Condition	04/12	-	M	-	<p>The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old and is in good condition. Many classrooms exhibit excessive AC unit noise.</p>

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	
.2	Equipment: Efficiency	04/12	4	HP	2	Recommend installation of VFD on supply fan motor with low fan speed for first stage heating or cooling to reduce classroom noise and reduce energy consumption.
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	0	M	0	Fume hood systems are in good condition.
.3	Other					
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	Other					
Building - J						
1. HVAC Systems						
.1	Equipment: Condition	04/12	0	M	0	The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old. Equipment is in good condition.
.2	Equipment: Efficiency	04/12	-	HP	-	N/A
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	-	-	-	N/A
.3	Other					
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	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
Building - K						
1. HVAC Systems						
.1	Equipment: Condition	04/12	0	M	0	The existing HVAC system consists of roof top package AC units with gas heat. The equipment is 5 years old. Equipment is in good condition.
.2	Equipment: Efficiency	04/12	-	-	-	N/A
.3	Ductwork	04/12	0	M	0	Ductwork is in good condition.
.4	Ventilation	04/12	0	M	0	Systems provide minimum OA.
.5	EMS Systems: Condition	04/12	0	M	0	The HVAC systems are controlled by a new District wide "Johnson" EMS.
.6	EMS Systems: Efficiency	04/12	-	-	-	N/A
.7	Other					
2. Specialty Systems						
.1	Dust Collection	04/12	-	-	-	N/A
.2	Fume Hoods	04/12	-	-	-	N/A
.3	Other					
3. Alternative Energy Systems						
.1	Geo-Thermal	04/12	-	-	-	N/A
.2	Solar	04/12	-	-	-	N/A
.3	Other					



CHPS SUMMARY: CLIMATE

Credit # / Title		Eligible Points	Actual Points	Notes:
<p>Eligible Points: P- Prerequisite (Required), 1+ Per CHPS Actual Points: Per Assessment</p>				
1. Greenhouse Gas Emission Reduction				
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.
2. Greenhouse Gas Emission Reduction				
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.
CHPS- Sustainable Sites: Summary				
		Eligible Points	10	Actual Points
			0	



CHPS SUMMARY: MATERIALS & RESOURCES

Credit # / Title	Eligible Points	Actual Points	Notes:
<p>Eligible Points: P- Prerequisite (Required), 1+ Per CHPS Actual Points: Per Assessment</p>			
1. Recycling			
ME1.0	Storage and Collection of Recyclables	P P	<i>Intent:</i> Facilitate the separation and collection of materials for recycling
2. Construction Waste Management			
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).
3. Building Reuse			
ME3.1	Building Reuse - Structure and Shell	1-2 0	<i>Intent:</i> Increase the reuse of existing building structure and shell.
ME3.2	Building Reuse - Interior Non-structural Elements	1 0	<i>Intent:</i> Increase the reuse of interior non-shell elements.
4. Sustainable Materials - Single Attribute			
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 sustainable 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.
5. Sustainable Materials - Multi Attribute			
ME5.1	Environmentally Preferable Products	1-2 0	<i>Intent:</i> Reward the use of sustainable materials by providing a more flexible option.
6. Sustainable Materials - LCIA			
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.
CHPS- Sustainable Sites: Summary			
	Eligible Points	18 0	Actual Points



MATERIALS & RESOURCES

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					

HIGH SCHOOL

A. INTERIOR SPACE EVALUATION

1. Administration

.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	0	M	0	
.3	Interior Finishes: Floors Condition	04/12	1	M	1	
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0		0	
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	0	HP	0	
.13	Window Shades: Condition	04/12	1	M	1	Horizontal blinds
.14	Window Shades: Aesthetic	04/12	0	HP	0	
.15	Other					

2. Library

.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	0	M	0	
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Carpet
.4	Interior Finishes: Floors Aesthetic	04/12	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
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Paint, 10% vinyl wall covering
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	0	HP	0	
.13	Window Shades: Condition	04/12	0	M	0	
.14	Window Shades: Aesthetic	04/12	4	HP	1	Install blinds or louvers.
.15	Other					

3. Multi-Purpose

.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Vinyl sports floor
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Plastic laminate panels, acoustical tiles
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Acoustical steel deck, skylights
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	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	04/12	0	M	0	
.14	Window Shades: Aesthetic	04/12	0	HP	0	
.15	Bleachers: Condition	04/12	0	M	0	
.16	Bleachers: Aesthetic	04/12	0	HP	0	
.17	Other					
4. Kitchen						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	0	M	0	
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Ceramic tile
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	FRP
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	Stainless Steel & wood
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	0	HP	0	
.13	Window Shades: Condition	04/12	-	-	-	N/A
.14	Window Shades: Aesthetic	04/12	-	-	-	N/A
.15	Other					
5. Locker Rooms						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Ceramic tile
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Ceramic tile

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.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	metal lockers, wood benches
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	0	HP	0	
.13	Window Shades: Condition	04/12	-	-	-	N/A
.14	Window Shades: Aesthetic	04/12	-	-	-	N/A
.15	Other					
6. Black Box						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Carpet, 10% VCT
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Acoustic wall panels, 20% painted
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint, glued acoustical tile
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	1	M	1	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	0	HP	0	
.13	Window Shades: Condition	04/12	0	M	0	Vinyl drapes

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.14	Window Shades: Aesthetic	04/12	4	HP	1	2-4 windows add blinds
.15	Stage	04/12	4	HP	1	No stage currently. Add small stage. Black Box in a modified classroom
7. Classroom						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. Door opening pressure. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Carpet, 10% VCT
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Paint
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint, glued acoustical tile
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP		
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	2	HP	1	Reduce HVAC unit and duct noise
.13	Window Shades: Condition	04/12	0	M	0	Vinyl drapes
.14	Window Shades: Aesthetic	04/12	4	HP	1	2-4 windows per classroom. Add blinds
.15	Other					
8. Art Rooms						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. Door opening pressure. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Carpet, 10% VCT
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Paint


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.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint, glued acoustical tile
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP		
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	2	HP	1	Reduce HVAC unit and duct noise
.13	Window Shades: Condition	04/12	0	M	0	Vinyl drapes
.14	Window Shades: Aesthetic	04/12	4	HP	1	2-4 windows add blinds
.15	Other					
9. Music Room						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. Door opening pressure. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Carpet, 10% VCT
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Paint
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint, glued acoustical tile
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP		
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	2	HP	1	Reduce HVAC unit and duct noise

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.13	Window Shades: Condition	04/12	0	M	0	Vinyl drapes
.14	Window Shades: Aesthetic	04/12	4	HP	1	2-4 windows per classroom. Add blinds
.15	Other					
10. Computer Laboratories						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. Door opening pressure. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Carpet, 10% VCT
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Paint
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint, glued acoustical tile
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP		
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	2	HP	1	Reduce HVAC unit and duct noise
.13	Window Shades: Condition	04/12	0	M	0	Vinyl drapes
.14	Window Shades: Aesthetic	04/12	4	HP	1	2-4 windows per classroom. Add blinds
.15	Other					
11. Science Laboratories						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	1	C	3	Non-compliant. Door opening pressure. See 2009 accessibility survey.
.3	Interior Finishes: Floors Condition	04/12	0	M	0	VCT w/ pattern
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Paint

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.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint, glued acoustical tile
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP		
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	2	HP	1	Reduce HVAC unit and duct noise
.13	Window Shades: Condition	04/12	0	M	0	Vinyl drapes
.14	Window Shades: Aesthetic	04/12	4	HP	1	2-4 windows per classroom. Add blinds
.15	Other					
12. Restrooms- Staff						
.1	Signage	04/12	2	C	3	Non-compliant. See 2009 accessibility survey
.2	Door Hardware	04/12	0	M	0	
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Ceramic tile and sheet vinyl
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Ceramic tile and FRP
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	-	-	-	N/A
.10	Interior Finishes: Casework Aesthetic	04/12	-	-	-	N/A
.11	Other					
13. Restrooms- Students						
.1	Signage	04/12	2	C	3	Non-compliant. See 2009 accessibility survey
.2	Door Hardware	04/12	0	M	0	
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Ceramic tile

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.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Ceramic tile
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	-	-	-	N/A
.10	Interior Finishes: Casework Aesthetic	04/12	-	-	-	N/A
.11	Other					
14. Utility / Support Spaces						
.1	Signage	04/12	0	M	0	
.2	Door Hardware	04/12	0	M	0	
.3	Interior Finishes: Floors Condition	04/12	0	M	0	Exposed concrete, VCT
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0	
.5	Interior Finishes: Walls Condition	04/12	0	M	0	Paint, FRP
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0	
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0	Paint
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0	
.9	Interior Finishes: Casework Condition	04/12	0	M	0	
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0	
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0	
.12	Interior Finishes Acoustics - Performance	04/12	0	HP	0	
.13	Window Shades: Condition	04/12	-	-	-	N/A
.14	Window Shades: Aesthetic	04/12	-	-	-	N/A
.15	Other					

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15. Corridors - Admin Lobby					
.1	Signage	04/12	0	M	0
.2	Door Hardware	04/12	0	M	0
.3	Interior Finishes: Floors Condition	04/12	0	M	0 VCT
.4	Interior Finishes: Floors Aesthetic	04/12	0	HP	0
.5	Interior Finishes: Walls Condition	04/12	0	M	0 Plastic laminate panels
.6	Interior Finishes: Walls Aesthetic	04/12	0	HP	0
.7	Interior Finishes: Ceilings Condition	04/12	0	M	0 Paint
.8	Interior Finishes: Ceilings Aesthetic	04/12	0	HP	0
.9	Interior Finishes: Casework Condition	04/12	0	M	0
.10	Interior Finishes: Casework Aesthetic	04/12	0	HP	0
.11	Interior Finishes: Acoustics - Condition	04/12	0	M	0
.12	Interior Finishes Acoustics - Performance	04/12	0	HP	0
.13	Window Shades: Condition	04/12	0	M	0
.14	Window Shades: Aesthetic	04/12	0	HP	0
.15	Other				

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B. EXTERIOR FINISH EVALUATION						
B. EXTERIOR BUILDINGS EVALUATION						
1. Building A: Admin, Multi-Purpose						
.1	Roof: Condition	04/12	1	M	1	Standing seam metal roof & single ply. Single ply roofing is sagging on parapet. 
.2	Roof: Performance	04/12	0	HP	0	
.3	Skylights	04/12	0	M	0	
.4	Walls / Finishes	04/12	0	M	0	Plaster & brick
.5	Soffits / Overhangs	04/12	0	M	0	Steel & plaster
.6	Gutters / Downspouts	04/12	0	M	0	
.7	Doors	04/12	0	M	0	
.8	Window Systems: Condition	04/12	0	M	0	Non-operable, steel frame
.9	Window Systems: Performance	04/12	2	HP	1	Install operable windows
.10	Covered Walks	04/12	0	M	0	Steel & plaster
.11	Paint Condition	04/12	1	M	1	Paint exposed metal and doors
.12	Paint Aesthetic	04/12	0	HP	0	
.13	Other					
2. Building B: Classrooms						
.1	Roof: Condition	04/12	0	M	0	Standing seam metal roof & single ply.
.2	Roof: Performance	04/12	0	HP	0	
.3	Skylights	04/12	-	-	-	N/A
.4	Walls / Finishes	04/12	0	M	0	Plaster
.5	Soffits / Overhangs	04/12	0	M	0	Steel & plaster
.6	Gutters / Downspouts	04/12	0	M	0	
.7	Doors	04/12	0	M	0	
.8	Window Systems: Condition	04/12	0	M	0	Non-operable, steel frame, tinted

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.9	Window Systems: Performance	04/12	0	HP	0	
.10	Covered Walks	04/12	0	M	0	Steel & plaster
.11	Paint Condition	04/12	1	M	1	Paint exposed metal and doors
.12	Paint Aesthetic	04/12	0	HP	0	
.13	Other					
3. Building C: Classrooms						
.1	Roof: Condition	04/12	0	M	0	Standing seam metal roof & single ply.
.2	Roof: Performance	04/12	0	HP	0	
.3	Skylights	04/12	-	-	-	N/A
.4	Walls / Finishes	04/12	0	M	0	Plaster
.5	Soffits / Overhangs	04/12	0	M	0	Steel & plaster
.6	Gutters / Downspouts	04/12	0	M	0	
.7	Doors	04/12	0	M	0	
.8	Window Systems: Condition	04/12	0	M	0	Non-operable, steel frame, tinted
.9	Window Systems: Performance	04/12	2	HP	1	Install operable windows
.10	Covered Walks	04/12	0	M	0	Steel & plaster
.11	Paint Condition	04/12	1	M	1	Paint exposed metal and doors
.12	Paint Aesthetic	04/12	0	HP	0	
.13	Other					
4. Building D: Classrooms						
.1	Roof: Condition	04/12	0	M	0	Standing seam metal roof & single ply.
.2	Roof: Performance	04/12	0	HP	0	
.3	Skylights	04/12	-	-	-	N/A
.4	Walls / Finishes	04/12	0	M	0	Plaster
.5	Soffits / Overhangs	04/12	0	M	0	Steel & plaster
.6	Gutters / Downspouts	04/12	0	M	0	
.7	Doors	04/12	0	M	0	
.8	Window Systems: Condition	04/12	0	M	0	Non-operable, steel frame, tinted
.9	Window Systems: Performance	04/12	2	HP	1	Install operable windows
.10	Covered Walks	04/12	0	M	0	Steel & plaster
.11	Paint Condition	04/12	1	M	1	Paint exposed metal and doors
.12	Paint Aesthetic	04/12	0	HP	0	
.13	Other					
5. Building E: Classrooms						
.1	Roof: Condition	04/12	0	M	0	Standing seam metal roof & single ply.
.2	Roof: Performance	04/12	0	HP	0	
.3	Skylights	04/12	-	-	-	N/A
.4	Walls / Finishes	04/12	0	M	0	Plaster
.5	Soffits / Overhangs	04/12	0	M	0	Steel & plaster


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.6	Gutters / Downspouts	04/12	0	M	0	
.7	Doors	04/12	0	M	0	
.8	Window Systems: Condition	04/12	0	M	0	Non-operable steel frame, tinted
.9	Window Systems: Performance	04/12	2	HP	1	Install operable windows
.10	Covered Walks	04/12	0	M	0	Steel & plaster
.11	Paint Condition	04/12	1	M	1	Paint exposed metal and doors
.12	Paint Aesthetic	04/12	0	HP	0	
.13	Other					
8. Building H: Library, Science						
.1	Roof: Condition	04/12	0	M	0	Standing seam metal roof & single ply.
.2	Roof: Performance	04/12	0	HP	0	
.3	Skylights	04/12	-	-	-	N/A
.4	Walls / Finishes	04/12	0	M	0	Plaster & Brick
.5	Soffits / Overhangs	04/12	0	M	0	Steel & plaster
.6	Gutters / Downspouts	04/12	0	M	0	
.7	Doors	04/12	0	M	0	
.8	Window Systems: Condition	04/12	0	M	0	Non-operable, steel frame, tinted
.9	Window Systems: Performance	04/12	2	HP	1	Install operable windows
.10	Covered Walks	04/12	0	M	0	Steel & plaster
.11	Paint Condition	04/12	1	M	1	Paint exposed metal and doors
.12	Paint Aesthetic	04/12	0	HP	0	
.13	Other					
9. Building J: Restrooms						
.1	Roof: Condition	04/12	0	M	0	
.2	Roof: Performance	04/12	0	HP	0	
.3	Skylights	04/12	-	-	-	N/A
.4	Walls / Finishes	04/12	0	M	0	Plaster
.5	Soffits / Overhangs	04/12	0	M	0	Steel & plaster
.6	Gutters / Downspouts	04/12	0	M	0	
.7	Doors	04/12	0	M	0	
.8	Window Systems: Condition	04/12	-	-	-	N/A
.9	Window Systems: Performance	04/12	-	-	-	N/A
.10	Covered Walks	04/12	0	M	0	Steel & plaster
.11	Paint Condition	04/12	1	M	1	Paint exposed metal and doors
.12	Paint Aesthetic	04/12	0	HP	0	
.13	Other					



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10. Building K: Restrooms					
.1	Roof: Condition	04/12	0	M	0
.2	Roof: Performance	04/12	0	HP	0
.3	Skylights	04/12	-	-	-
.4	Walls / Finishes	04/12	0	M	0
.5	Soffits / Overhangs	04/12	0	M	0
.6	Gutters / Downspouts	04/12	0	M	0
.7	Doors	04/12	0	M	0
.8	Window Systems: Condition	04/12	-	-	-
.9	Window Systems: Performance	04/12	-	-	-
.10	Covered Walks	04/12	0	M	0
.11	Paint Condition	04/12	1	M	1
.12	Paint Aesthetic	04/12	0	HP	0
.13	Other				
B. EXTERIOR BUILDINGS EVALUATION					
HIGH SCHOOL					


CHPS SUMMARY: INDOOR ENVIRONMENTAL QUALITY



Credit # / Title	Eligible Points	Actual Points	Notes:	
<p>Eligible Points: P- Prerequisite (Required), 1+ Per CHPS Actual Points: Per Assessment</p>				
1. Lighting and Daylighting				
EQ1.1	Daylighting	1-4	1	<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	1	<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	1	<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				
	Eligible Points	25	5	Actual Points


INDOOR ENVIRONMENTAL QUALITY



Scope	Date	Repair / Replace Level	Category	Urgency Score		
<p>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</p>						
Site Utilities & Infrastructure						
1. Electrical Systems						
.1	Utility Service, Main Switchboard	04/12	0	-	0	SMUD transformer and MSB in gated, secured CMU enclosure Main Switchboard: Cutler Hammer 1200A, 277/480V 3Ø/4W, in new condition. Adequate for a campus of this size to allow for expansion.
.2	Other					
2. Technology Systems						
.1	Utility MPOE/MDF	04/12	1	C	1	MPOE and MDF located in Building A shared electrical room. Adequate size, layout is sufficient, equipment is in new condition. Room is being used for storage, some working clearance requirements not observed.
						
.2	Other					
3. Low Voltage Systems						
.1	Clock/PA Head End	04/12	0	-	0	New



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
.2 Fire Alarm Control Panel	04/12	0	-	0	New Fire Lite MS9600 Fully Automatic System 
.3 Access, Intrusion, Security Head End	04/12	0	-	0	New Honeywell Intrusion system
Building A - Administration & Gym					
1. Electrical Systems					
.1 Electrical Rooms, Equipment Location:	04/12	1	C	1	Main Electrical room shared with campus MDF, is also being used as storage. Code required working clearance requirements not observed. Panel observed in Janitor's closet. 
.2 Panels and Gear:	04/12	0	-	0	New condition
.3 Receptacles / Branch Circuiting	04/12	0	-	0	
.4 Other					
2. Lighting Systems					
.1 Light Fixtures: Condition	04/12	0	-	0	New condition 2x4 'basket' fixtures in office area. Fluorescent hi-bay fixtures with T5HO lamps in gym. CFL downlights and wall fixtures, and indirect cove lighting in main lobby.


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
.2 Light Fixtures: Efficiency	04/12	0	-	0	Fixtures and lamp sources are efficient. Not an instructional space, so CHPS requirements for classroom do not apply.
.3 Controls: Condition	04/12	0	-	0	Line voltage wall switches and ceiling mounted occupancy sensors located in office area, including private offices where a wall sensor would have been more appropriate. Low voltage switches control lighting in gym and lobby via the LCP.
.4 Controls: Efficiency	04/12	1	HP,C	1	Gym lighting is not multi-level control, which is required by T24. No automatic daylighting control in spaces with ample natural light (gym skylights).
					
.5 Life Safety / Egress	04/12	0	-	0	Exit lights observed
.6 Other					
3. Technology Systems					
.1 IDF	04/12	0	-	0	Data cabling is distributed from the MDF
.2 Infrastructure (Raceway, Cabling)	04/12	0	-	0	


Scope	Date	Repair / Replace Level	Category	Urgency Score	
					<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.3 Workstation / Wireless	04/12	0	-	0	<p>WAPs observed, in some cases data outlet not located properly for the WAP, requiring long patch cord.</p> 
.4 AV Systems	04/12	0	-	0	<p>Gym PA system is in new condition, high quality Wall bracket mount for TV, DVD/VCR observed in break room, but no TV or DVD player.</p>
.5 Other					
4. Low Voltage Systems					
.1 Clock / PA	04/12	0	-	0	<p>Combination clock/speaker, exterior weatherproof PA speakers observed, in new condition.</p>
.2 Fire Alarm (Devices, Appliances)	04/12	0	-	0	<p>Fully automatic system. Smoke detectors, pull stations, horn/strobes, exterior WP horns observed, in new condition.</p>
.3 Access, Intrusion, Security	04/12	0	-	0	<p>Motion sensors, door contacts observed, in new condition.</p> 
.4 Other	04/12	0	-	0	<p>Assisted Listening System at Gym.</p>


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	
Building B - Classrooms						
1. Electrical Systems						
.1	Electrical Rooms, Equipment Location:	04/12	0	-	0	Typical utility closet includes 120/208V panel and 277/480V panel, transformer located on roof. 
.2	Panels and Gear:	04/12	0	-	0	New condition.
.3	Receptacles / Branch Circuiting	04/12	0	-	0	Observed GFCI receptacles near water source
.4	Other	04/12	1	M	1	Panels Labeled as 'CL' and 'CH' at each building. Panel name should correspond with building number; identically named panels on the same campus is not ideal.
2. Lighting Systems						
.1	Light Fixtures: Condition	04/12	0	-	0	New condition Typical classroom includes pendant mounted indirect/direct fixtures, (2) T8 lamps in cross section, and linear suspended whiteboard light. Adequate seismic bracing observed.
.2	Light Fixtures: Efficiency	04/12	0	-	0	Fixtures and lamp sources are efficient. All fixtures could be re-used in a CHPS compliant classroom.

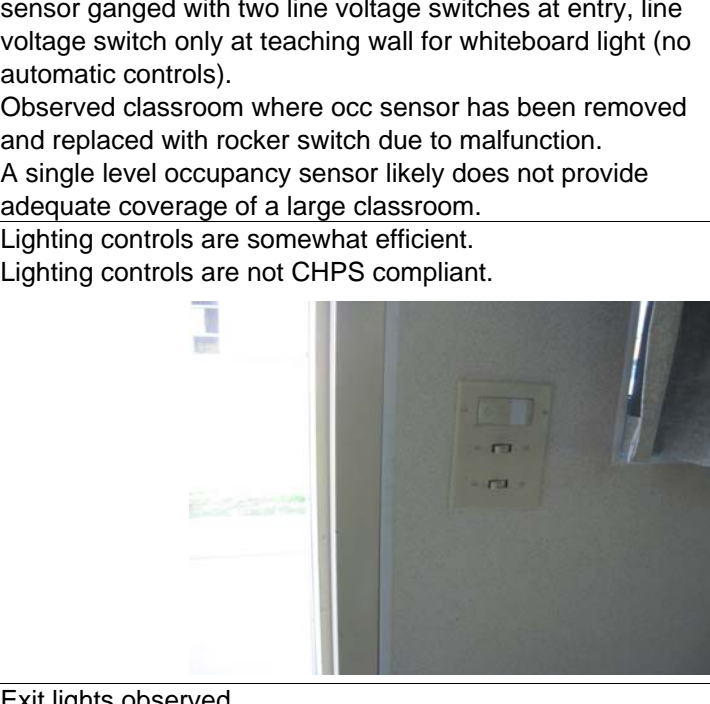
Scope		Date	Repair / Replace Level	Category	Urgency Score	
<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>						
.3	Controls: Condition	04/12	1	M	1	<p>Typical classroom: a single level, wall mounted occupancy sensor ganged with two line voltage switches at entry, line voltage switch only at teaching wall for whiteboard light (no automatic controls).</p> <p>Observed classroom where occ sensor has been removed and replaced with rocker switch due to malfunction. A single level occupancy sensor likely does not provide adequate coverage of a large classroom.</p> 
.4	Controls: Efficiency	04/12	2	HP	1	<p>Lighting controls are somewhat efficient. Lighting controls are not CHPS compliant.</p>
.5	Life Safety / Egress	04/12	0	-	0	Exit lights observed
.6	Other					
3. Technology Systems						
.1	IDF	04/12	0	-	0	<p>IDF cabinet, 'Great Lakes' wall mounted, located in utility closet. Appropriately sized for this building.</p> 
.2	Infrastructure (Raceway, Cabling)	04/12	0	-	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						
.3	Workstation / Wireless	04/12	1	M	1	WAPs observed. Limited quantity in classrooms where student workstations have been added. 
.4	AV Systems	04/12	2	M	1	Manual projection screen in each classroom, mobile AV cart shared between classrooms.
.5	Other					
4. Low Voltage Systems						
.1	Clock / PA	04/12	0	-	0	Combination clock/speaker, exterior weatherproof PA speakers observed, in new condition.
.2	Fire Alarm (Devices, Appliances)	04/12	0	-	0	Fully automatic system. Smoke detectors, pull stations, horn/strobes, exterior WP horns observed, in new condition.
.3	Access, Intrusion, Security	04/12	0	-	0	Motion sensors, door contacts observed, in new condition.
.4	Other					
Building C - Classrooms						
1. Electrical Systems						
.1	Electrical Rooms, Equipment Location:	04/12	0	-	0	Typical utility closet includes 120/208V panel and 277/480V panel, transformer located on roof.
.2	Panels and Gear:	04/12	0	-	0	New condition.
.3	Receptacles / Branch Circuiting	04/12	0	-	0	Observed GFCI receptacles near water source 



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
.4	Other					
2. Lighting Systems						
.1	Light Fixtures: Condition	04/12	0	-	0	New condition Typical classroom includes pendant mounted indirect/direct fixtures, (2) T8 lamps in cross section, and linear suspended whiteboard light. Adequate seismic bracing observed.
.2	Light Fixtures: Efficiency	04/12	0	-	0	Fixtures and lamp sources are efficient. All fixtures could be re-used in a CHPS compliant classroom.
						
.3	Controls: Condition	04/12	1	M	1	Typical classroom: a single level, wall mounted occupancy sensor ganged with two line voltage switches at entry, line voltage switch only at teaching wall for whiteboard light (no automatic controls). Observed classroom where occ sensor has been removed and replaced with rocker switch due to malfunction. A single level occupancy sensor likely does not provide adequate coverage of a large classroom.
.4	Controls: Efficiency	04/12	2	HP	1	Lighting controls are somewhat efficient. Lighting controls are not CHPS compliant.
.5	Life Safety / Egress	04/12	0	-	0	Exit lights observed
.6	Other					
3. Technology Systems						
.1	IDF	04/12	0	-	0	IDF cabinet, 'Great Lakes' wall mounted, located in utility closet. Appropriately sized for this building.
.2	Infrastructure (Raceway, Cabling)	04/12	0	-	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						
.3	Workstation / Wireless	04/12	1	M	1	WAPs observed. Limited quantity in classrooms where student workstations have been added. 
.4	AV Systems	04/12	2	M	1	Manual projection screen in each classroom, mobile AV cart shared between classrooms.
.5	Other					
4. Low Voltage Systems						
.1	Clock / PA	04/12	0	-	0	Combination clock/speaker, exterior weatherproof PA speakers observed, in new condition.
.2	Fire Alarm (Devices, Appliances)	04/12	0	-	0	Fully automatic system. Smoke detectors, pull stations, horn/strobes, exterior WP horns observed, in new condition.
.3	Access, Intrusion, Security	04/12	0	-	0	Motion sensors, door contacts observed, in new condition.
.4	Other					
Building D - Classrooms						
1. Electrical Systems						
.1	Electrical Rooms, Equipment Location:	04/12	0	-	0	Typical utility closet includes 120/208V panel and 277/480V panel, transformer located on roof.
.2	Panels and Gear:	04/12	0	-	0	New condition.
.3	Receptacles / Branch Circuiting	04/12	0	-	0	Observed GFCI receptacles near water source
.4	Other	04/12	1	M	1	Panels Labeled as 'CL' and 'CH' at each building. Panel name should correspond with building number; identically named panels on the same campus is not ideal.
2. Lighting Systems						
.1	Light Fixtures: Condition	04/12	0	-	0	New condition Typical classroom includes pendant mounted indirect/direct fixtures, (2) T8 lamps in cross section, and linear suspended whiteboard light. Adequate seismic bracing observed.




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
.2 Light Fixtures: Efficiency	04/12	0	-	0	Fixtures and lamp sources are efficient. All fixtures could be re-used in a CHPS compliant classroom.
.3 Controls: Condition	04/12	1	M	1	Typical classroom: a single level, wall mounted occupancy sensor ganged with two line voltage switches at entry, line voltage switch only at teaching wall for whiteboard light (no automatic controls). Observed classroom where occ sensor has been removed and replaced with rocker switch due to malfunction. A single level occupancy sensor likely does not provide adequate coverage of a large classroom.
.4 Controls: Efficiency	04/12	2	HP	1	Lighting controls are somewhat efficient. Lighting controls are not CHPS compliant.
.5 Life Safety / Egress	04/12	0	-	0	Exit lights observed
.6 Other					
3. Technology Systems					
.1 IDF	04/12	0	-	0	IDF cabinet, 'Great Lakes' wall mounted, located in utility closet. Appropriately sized for this building.
.2 Infrastructure (Raceway, Cabling)	04/12	0	-	0	
.3 Workstation / Wireless	04/12	1	M	1	WAPs observed. Limited quantity in classrooms where student workstations have been added.
.4 AV Systems	04/12	2	M	1	Manual projection screen in each classroom, mobile AV cart shared between classrooms.
.5 Other					
4. Low Voltage Systems					
.1 Clock / PA	04/12	0	-	0	Combination clock/speaker, exterior weatherproof PA speakers observed, in new condition.
					
.2 Fire Alarm (Devices, Appliances)	04/12	0	-	0	Fully automatic system. Smoke detectors, pull stations, horn/strobes, exterior WP horns observed, in new condition.


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
.3	Access, Intrusion, Security	04/12	0	-	0	Motion sensors, door contacts observed, in new condition.
.4	Other					
Building E - Classrooms						
1. Electrical Systems						
.1	Electrical Rooms, Equipment Location:	04/12	0	-	0	Typical utility closet includes 120/208V panel and 277/480V panel, transformer located on roof.
.2	Panels and Gear:	04/12	0	-	0	New condition.
.3	Receptacles / Branch Circuiting	04/12	0	-	0	Observed GFCI receptacles near water source
.4	Other	04/12	1	M	1	Panels Labeled as 'CL' and 'CH' at each building. Panel name should correspond with building number; identically named panels on the same campus is not ideal.
2. Lighting Systems						
.1	Light Fixtures: Condition	04/12	0	-	0	New condition Typical classroom includes pendant mounted indirect/direct fixtures, (2) T8 lamps in cross section, and linear suspended whiteboard light. Adequate seismic bracing observed.
.2	Light Fixtures: Efficiency	04/12	0	-	0	Fixtures and lamp sources are efficient. All fixtures could be re-used in a CHPS compliant classroom.
.3	Controls: Condition	04/12	1	M	1	Typical classroom: a single level, wall mounted occupancy sensor ganged with two line voltage switches at entry, line voltage switch only at teaching wall for whiteboard light (no automatic controls). Observed classroom where occ sensor has been removed and replaced with rocker switch due to malfunction. A single level occupancy sensor likely does not provide adequate coverage of a large classroom.
.4	Controls: Efficiency	04/12	2	HP	1	Lighting controls are somewhat efficient. Lighting controls are not CHPS compliant.
						
.5	Life Safety / Egress	04/12	0	-	0	Exit lights observed


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	Other					
3. Technology Systems						
.1	IDF	04/12	0	-	0	IDF cabinet, 'Great Lakes' wall mounted, located in utility closet. Appropriately sized for this building.
.2	Infrastructure (Raceway, Cabling)	04/12	0	-	0	
.3	Workstation / Wireless	04/12	1	M	1	WAPs observed. Limited quantity in classrooms where student workstations have been added.
.4	AV Systems	04/12	2	M	1	Manual projection screen in each classroom, mobile AV cart shared between classrooms.
.5	Other					
4. Low Voltage Systems						
.1	Clock / PA	04/12	0	-	0	Combination clock/speaker, exterior weatherproof PA speakers observed, in new condition.
.2	Fire Alarm (Devices, Appliances)	04/12	0	-	0	Fully automatic system. Smoke detectors, pull stations, horn/strobes, exterior WP horns observed, in new condition.
.3	Access, Intrusion, Security	04/12	0	-	0	Motion sensors, door contacts observed, in new condition.
						
.4	Other					

Scope	Date	Repair / Replace Level	Category	Urgency Score	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
Building H - Laboratories, Library					
1. Electrical Systems					
.1 Electrical Rooms, Equipment Location:	04/12	1	M	1	<p>Typical utility closet includes 120/208V panel and 277/480V panel, transformer located on roof.</p> <p>Panel observed in work room adjacent to black box.</p> <p>Panel observed in storage room near lab, adequate working clearance not available due to storage.</p> 
.2 Panels and Gear:	04/12	1	M	1	Doors of panels in utility closet do not close and latch properly.
.3 Receptacles / Branch Circuiting	04/12	0	-	0	<p>Observed GFCI receptacles near water source</p> <p>Observed dual channel surface raceway with GFCI receptacles in labs.</p> <p>Observed receptacles at lab tables</p> <p>Extensive amount of surface raceway used in 'black box' room.</p> <p>Floorbox observed in 'black box'.</p> 

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
.4	Other					
2. Lighting Systems						
.1	Light Fixtures: Condition	04/12	0	-	0	<p>New condition</p> <p>Typical classroom includes pendant mounted indirect/direct fixtures, (2) T8 lamps in cross section, and linear suspended whiteboard light.</p> <p>Adequate seismic bracing observed.</p> <p>2x4 basket fixtures observed in library.</p> <p>Track/display lights observed in 'black box'.</p> 
.2	Light Fixtures: Efficiency	04/12	0	-	0	<p>Fixtures and lamp sources are efficient.</p> <p>All fixtures could be re-used in a CHPS compliant classroom.</p>
.3	Controls: Condition	04/12	1	M	1	<p>Typical lab/classroom: a single level, wall mounted occupancy sensor ganged with two line voltage switches at entry, line voltage switch only at teaching wall for whiteboard light (no automatic controls).</p> <p>Observed classroom where occ sensor has been removed and replaced with rocker switch due to malfunction.</p> <p>A single level occupancy sensor likely does not provide adequate coverage of a large classroom.</p> <p>Similar control scenario observed at Library where wall mounted occ sensor is likely not sufficient.</p>
.4	Controls: Efficiency	04/12	2	HP	1	<p>Lighting controls are somewhat efficient.</p> <p>Lighting controls are not CHPS compliant.</p> <p>No automatic daylighting controls observed in library where ample natural light is available.</p>
.5	Life Safety / Egress	04/12	0	-	0	Exit lights observed
.6	Other					
3. Technology Systems						
.1	IDF	04/12	0	-	0	IDF cabinet, 'Great Lakes' wall mounted, located in utility closet. Appropriately sized for this building.

Scope	Date	Repair / Replace Level	Category	Urgency Score	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
.2 Infrastructure (Raceway, Cabling)	04/12	0	-	0	
.3 Workstation / Wireless	04/12	1	M	1	<p>WAPs observed.</p> <p>Observed dual channel surface raceway at labs</p> <p>Floorbox with data observed at 'black box'</p>
.4 AV Systems	04/12	2	M	1	<p>Manual projection screen in labs, mobile AV cart shared between rooms.</p> <p>Projector, audio system, AV controls and mobile lectern observed in 'black box'</p>  
.5 Other					
4. Low Voltage Systems					
.1 Clock / PA	04/12	0	-	0	Combination clock/speaker, exterior weatherproof PA speakers observed, in new condition.
.2 Fire Alarm (Devices, Appliances)	04/12	0	-	0	Fully automatic system. Smoke detectors, pull stations, horn/strobes, exterior WP horns observed, in new condition.
.3 Access, Intrusion, Security	04/12	0	-	0	Motion sensors, door contacts observed, in new condition.
.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	
Building J & K - Restrooms						
1. Electrical Systems						
.1	Electrical Rooms, Equipment Location:	04/12	0	-	0	Located in Janitor's closet, working clearance requirements not observed by users.
						
.2	Panels and Gear:	04/12	0	-	0	New condition.
.3	Receptacles / Branch Circuiting	04/12	0	-	0	Observed GFCI receptacles.
.4	Other					
2. Lighting Systems						
.1	Light Fixtures: Condition	04/12	0	-	0	New condition Surface mounted, vandal resistant wraps with T8 lamps in restrooms.
.2	Light Fixtures: Efficiency	04/12	0	-	0	Fixtures and lamp sources are efficient.
.3	Controls: Condition	04/12	0	-	0	Occupancy sensor integrated in fixtures
.4	Controls: Efficiency	04/12	0	-	0	Lighting controls are efficient.
.5	Life Safety / Egress	04/12	0	-	0	
.6	Other					
3. Technology Systems						
.1	IDF	04/12	-	-	-	N/A
.2	Infrastructure (Raceway, Cabling)	04/12	-	-	-	N/A
.3	Workstation / Wireless	04/12	-	-	-	N/A
.4	AV Systems	04/12	-	-	-	N/A
.5	Other					

Scope	Date	Repair / Replace Level	Category	Urgency Score	<p>Repair / Replace Level: 4-New Replacement, 3-Major Repair, 2-Minor Repair, 1-Patch & Repair, 0-No observed need to replace, repair or patch</p> <p>Category: C-Code, M-Maintenance / Operations, HP-High Performance Modernization/Transformation</p> <p>Urgency Score: 3-Critical, 2-Urgent, not critical, 1-Moderate, recommended, 0-No observed need to replace repair or patch</p>
4. Low Voltage Systems					
.1	Clock / PA	04/12	0	-	0 Exterior weatherproof PA speakers observed, in new condition.
.2	Fire Alarm (Devices, Appliances)	04/12	0	-	0 Fully automatic system. Smoke detectors, pull stations, horn/strobes, exterior WP horns observed, in new condition. 
.3	Access, Intrusion, Security	04/12	0	-	0 Motion sensors, door contacts observed, in new condition.
.4	Other				



CHPS SUMMARY: LEADERSHIP, EDUCATION & INNOVATION

Credit # / Title		Eligible Points	Actual Points	Notes:
				Eligible Points: P- Prerequisite (Required), 1+ Per CHPS Actual Points: Per Assessment
1. Leadership				
LEI1.1	District Level Commitment	2	1	<i>Intent:</i> Gain access to high performance tools and resources and integrate high performance goals into district planning.
LEI1.2	Integrated Design	2		<i>Intent:</i> Reduce or eliminate potable water use for landscape irrigation.
2. Schools as Learning Tools				
LEI2.0	Educational Display	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.
3. Innovation				
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..
CHPS- Leadership, Education & Innovation: Summary				
		Eligible Points	13	Actual Points
			1	



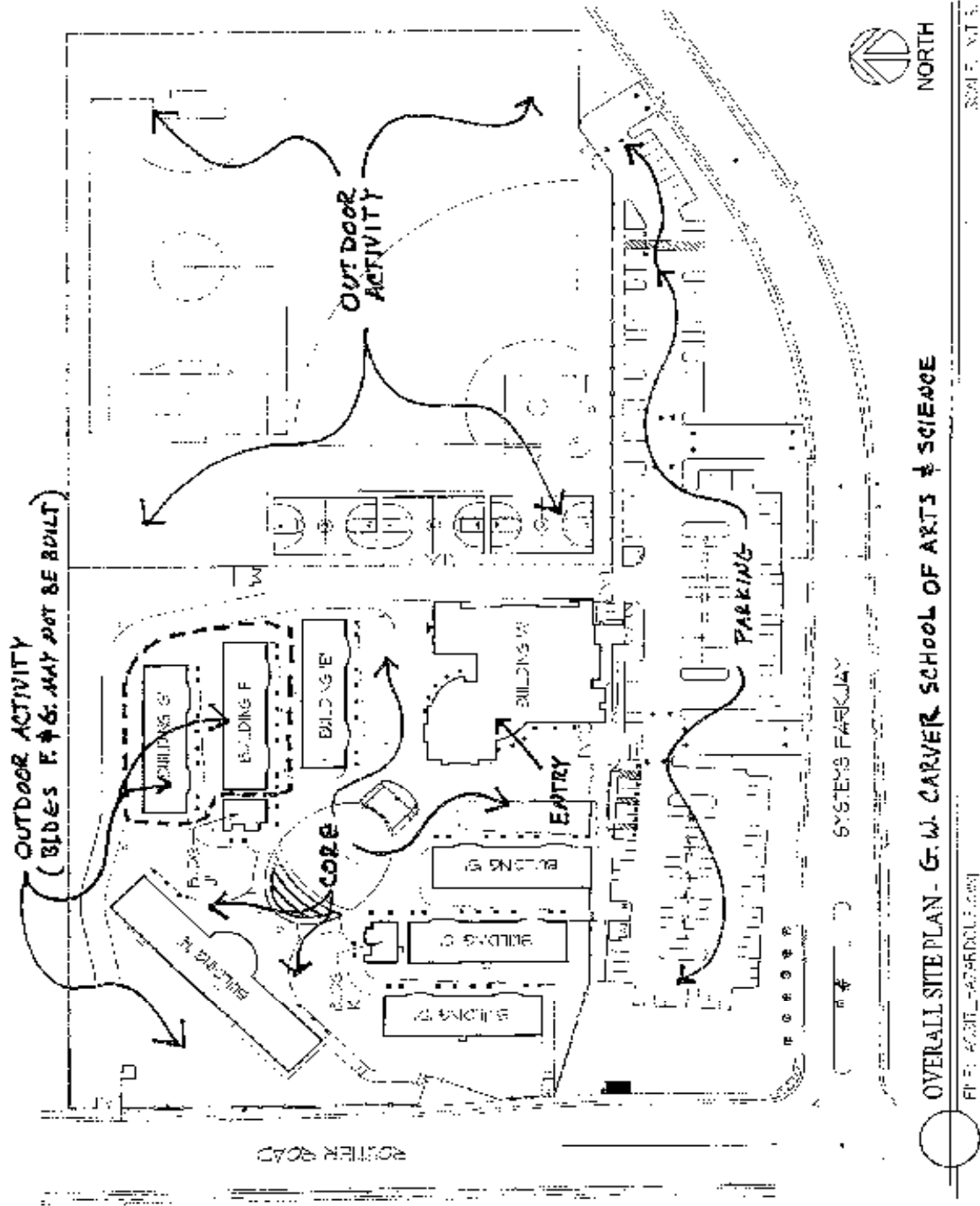
LEADERSHIP, EDUCATION & INNOVATION

Scope	Date	Transformation / New	Category	Urgency Score		
<p>Transformation / New: T- Transformation is associated to conversion of existing construction and N- New Addition/Expansion of new construction to meet new educational needs. 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</p>						
1. Career & College Ready						
.1	Core Academic-Transformation; High Schools	06/12	T	HP	3	Transform the existing 5,642sf library/media space into a small community theater. Transform the 3,000sf east portion of Building H to a Media Center. Construct an new 3,000sf Art/Tech Center building.
.2	Core Academic & Learning Lab-Furniture Replacement	06/12	-	-	-	n/a
.3	Classroom / Lab Technology Equipment Replacement/Expansion	06/12	-	-	-	n/a
.4	Support Spaces	06/12	-	-	-	n/a
2. Family & Community Engagement						
.1	Technology Center- High Schools	06/12	-	-	-	n/a
.2	School Based Community Clinics-Comprehensive High Schools	06/12	T	HP	3	n/a
3. Organizational Transformation						
.1	Classroom Conversion/Expansion	06/12	-	-	-	n/a



TOTAL PROJECT COST SUMMARY

	Code & Life Safety	Maintenance & Operations	High Performance Transformation	Total Includes: C, M/O & HP
SUSTAINABLE SITES (SS)				
1. School Entry/Drop Off	\$740,220	\$163,280	\$28,210	\$931,710
2. Parking & Drives	\$0	\$52,910	\$321,100	\$374,010
3. Service Access	\$0	\$28,600	\$0	\$28,600
4. Outdoor Activity	\$149,890	\$17,680	\$3,563,040	\$3,730,610
5. Campus Core	\$0	\$237,900	\$5,176,600	\$5,414,500
6. Utilities / Infrastructure	\$0	\$0	\$61,750	\$61,750
SS Total	\$890,110	\$500,370	\$9,150,700	\$10,541,180
WATER EFFICIENCY (WE)				
1. Site Utilities / Infrastructure	Irrigation Costs Shown in SS Above			
2. Plumbing Systems	\$0	\$138,970	\$479,830	\$618,800
3. Specialty Systems	\$0	\$0	\$0	\$0
4. Fire Protection Systems	\$0	\$0	\$0	\$0
WE Total	\$0	\$138,970	\$479,830	\$618,800
ENERGY & ATMOSPHERE (EA)				
1. Central Plant	\$0	\$0	\$0	\$0
2. HVAC Systems	\$0	\$0	\$105,560	\$105,560
3. Specialty Systems	\$0	\$0	\$0	\$0
4. Alternative Energy	\$0	\$0	\$0	\$0
EA Total	\$0	\$0	\$105,560	\$105,560
MATERIALS & RESOURCES (MR)				
1. Signage	\$5,330	\$0	\$0	\$5,330
2. Door Hardware	\$30,940	\$0	\$0	\$30,940
3. Interior Finishes	\$0	\$32,240	\$312,260	\$344,500
4. Exterior Finishes	\$0	\$130,520	\$545,480	\$676,000
MR Total	\$36,270	\$162,760	\$857,740	\$1,056,770
INDOOR ENVIRONMENTAL QUALITY (IEQ)				
1. Electrical Systems	\$17,680	\$11,570	\$0	\$29,250
2. Lighting Systems	\$0	\$26,520	\$205,140	\$231,660
3. Technology Systems	\$1,820	\$404,820	\$0	\$406,640
4. Low Voltage Systems	\$0	\$0	\$0	\$0
IEQ Total	\$19,500	\$442,910	\$205,140	\$667,550
INNOVATION & EDUCATION (IE)				
1. Career & College Ready Transformation			\$2,436,460	\$2,436,460
2. Family & Community Engagement			\$0	\$0
3. Organizational Transformation			\$0	\$0
IE Total			\$2,436,460	\$2,436,460
Total per Category	\$945,880	\$1,245,010	\$13,235,430	\$15,426,320



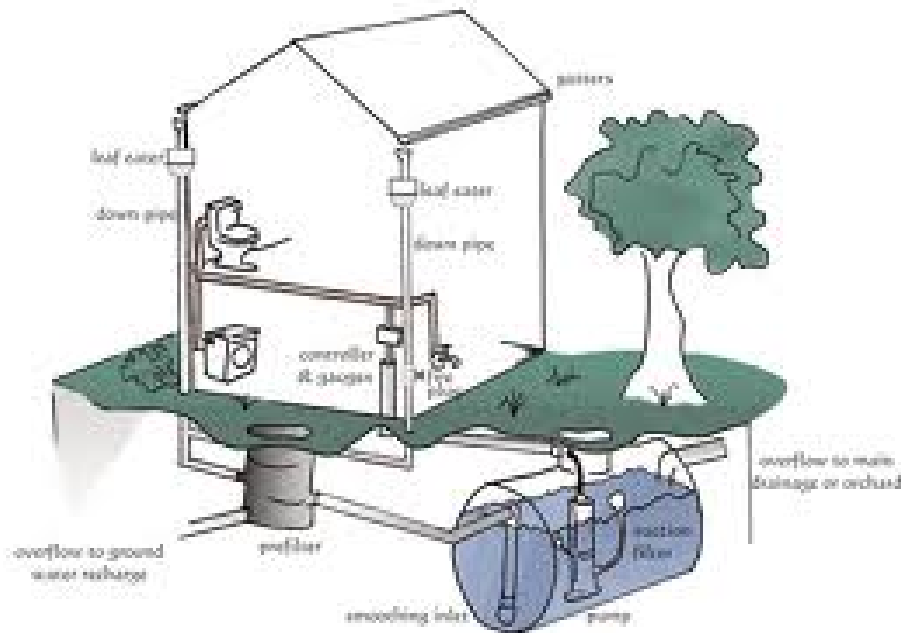
George Washington Carver High School Green School's Initiative Proposal

Project: Water Catchment System

In 2010 Mayor Kevin Johnson announced to the press his plan to create the Mayor's Green Initiative Act. It is Mayor Kevin Johnson's hopes that Sacramento will become the national leader in the effort to go green. There are five pillars to the Mayor's Initiative, which include energy, waste and recycling, water and nature, urban design and building, and green clean technology. With our proposed project we hope to meet the water and nature pillar.

Based on the audit, and after further investigation, it was made clear that a system that could harvest and re-use water would allow George Washington Carver High School to become better at water conservation and use. There are different ways to conserve water, and each has pros and cons. After finalizing our idea to focus on water conservation, and more specifically on installing a water catchment system, we decided that we should work on learning what the system consists of and specifically how it works. In short a water catchment system collects rainwater and stores it so that it can be used again for things such as watering the garden or flushing the toilets. The systems vary in size, location of collection barrels, amount of water flow and a few other aspects, but all serve the same purpose which is to re-use the caught or reclaimed water. Currently when it rains at Carver High school the water that hits the roof or cement is diverted into drains and pipes, and sent underground away from the school site. A water catchment system would collect this water and have it available for use throughout the entire year.

Below is a picture of how a water catchment system works:



Source : http://www.yurtworks.com/home/mnd/smartlist_43/water_catchment_storage.html

The system needed for G.W. Carver would be much larger than the one pictured, but it would have the same basic set up and function. Large rainwater collection systems have been used all over the world and one example is at Boerne-Samuel V. Champion High School in Boerne, Texas. The high school is just outside of San Antonio and has a water catchment system that consists of two above round cisterns (which are used to hold the water that is caught), and it is estimated that they harvest 10.7 million gallons of water annually. Along with harvesting water and creating a more sustainable school site, they also reduced their dependency on municipal water by 80 percent. By saving water and not having to rely heavily on municipal supply the

water utility bill was decreased. This saves the district money and is a great example that shows how by installing a water catchment system the school benefits along with the district and community. Like Boerne-Samuel V. Champion High School, G.W. Carver could install a system and reap the same benefits. The system proposed for Carver would be larger, and the cistern would be underground rather than above. However the results would be the same, and besides the benefits mentioned above, G.W. Carver would further stand out as a sustainable school and be a role model for other schools in the area. More information regarding Boerne-Samuel V. Champion High School and other high school's that have installed water catchment systems can be found online at <http://www.pflugerassociates.com/projects/high-schools/8/page.aspx>

In starting our audit we performed the Green Building Program Audit to see which areas the school could be improved upon. The audit consisted of twenty plus pages covering many topics, including environmental awareness, energy efficiency, water use, and pest control and management. Each question was scored based on points and/or yes or no answers. We were assisted by the janitor, faculty, cafeteria staff, and the principal to ensure all aspects of the audit were correctly answered. Water conservation, energy efficiency, and transportation were our main areas that needed the most improvement. After researching different methods and talking to other students and teachers about what they would like to see, it was determined that the best solution for the school would be a water catchment system. Other options that were discussed were rain barrels, using low flow toilets, sinks and shower heads, and creating curriculum that addresses water conservation and how to take action both at school and at home. By making students and staff aware of how much water is wasted during everyday functions, and implementing a curriculum to teach simple strategies, such as turning off the water when you are brushing your teeth, would benefit the students, faculty, and community. Water conservation is

something that the students we talked to found to be an interesting topic and were quick to note that the school currently did not re-use or recycle any water. When asked how they felt about installing a water catchment system they agreed that it would benefit the school and help Carver become not only more sustainable but also a role model for other schools.

We are a school with a large vegetable garden, fruit orchard, an herb garden and lots of grassy areas. One of the first steps we took was to find the areas related to water consumption and evaluate their current state. We found that there were no methods in place to conserve or reuse water on our campus for these or any other areas. With so much water being used, it became clear that Carver could really benefit from a rainwater harvesting system. A rainwater harvesting system works by collecting rainwater in a cistern underground. It can then be used to provide water to items like toilets, garden hoses, and other water systems. Having one for these systems installed at carver would help it to become a greener school and a healthier environment for students and staff.

After talking to experts in the field and studying other schools who have implemented rainwater harvesting systems we have come up with a basic outline of costs which include materials and labor. The following is a table that contains the estimated costs of the individual components as well as the grand total:

Item needed	Estimated cost	Total estimated cost
Catchment basin (two 2500 Gallon Reservoir Tanks)	$\$40,000 \times 2 = \$80,000$	

Excavation	\$32,000	
Backfill	\$16,000	
Pump *The pump house will be used from recycle and donated materials and built by the student body	\$18,000	
Sidewalk repair	\$35,000	
Asphalt	\$20,000	
Irrigation materials	\$5,000	
Permit fees and Design costs	\$100,000	
Additional hidden Fees	\$44,000	Total for project:\$500,00

During the course of our audit we looked at the schools monthly water bill. The school water expense runs \$3006.00 per month. The rainwater harvesting system we plan to install on our campus will reduce our dependence on city water by 78%. This will reduce the monthly water bill to \$2344.68. The schools monthly water bill will be \$661.32 per month, which is a drastic change from the current bill of \$3,006.00. If the current water prices remain the same, the return of investment financially for the rainwater harvesting system will be paid back in 17 years. The greatest return of interest, however, will be from the recognition the school and the district will gain in creating sustainable and environment schools and supporting Mayor Kevin Johnson's

visions in becoming the national leader in economic and environmentally friendly usages and to help transform Sacramento into the “Emerald Valley. We will also be doing our by constructing a system that will be used to conserve a limited resource and slow down environmental destruction.

In order to complete this project we would need to have the plans intricately completed by a professional. We have met with an architect to draw up a rough idea of our plans for installing a rainwater harvesting system into our school, but if we are to move forward we would need a more detailed plan. We would also need to call around and find a contractor who has the qualifications to install a rainwater harvesting system and who would be able to work either in the summer months or be flexible enough to work around our school schedule. In order to be respectful to our fellow classmates and our teachers we would like to have construction done during the least hectic time of the school year and possibly on weekends or after school. The impact that this recommendation, and the completion of the proposed project on the school, students, faculty, community, and district would be significant. The school would benefit in many ways, including becoming more sustainable, a model in conservation for other schools, cut down use on municipal water, and it would be a great leap towards the goal of becoming a completely self-sustainable school. The school has done a good job of being a leader already and this would further that progress and allow for continued growth. Students would benefit because not only would they get satisfaction that this was a student lead project but also because it fits with their core values. The Waldorf teaching method that is used could be applied to the project and allow for further development in water conservation curriculum at the school. The students would be able to water their garden and chickens with reclaimed water and get hands on experience in water conservation. This experience would be very valuable and may even spur

students to continue on to become professionals in this field. The community would also benefit as the school is sometimes used for community events and this could be an opportunity to explain what water conservation is and how it could be applied to the community as a whole. Our plan is to have a stairwell leading down to the tank and a plexi-glass window built into the side of the tank to help make this system a learning component for those visiting our school. Many students live in the community around the school, and the lessons they learn from this project will follow them home and hopefully spur them to think about making their homes and community better at conserving water too. The final impact that this project would have would be on the district. One of the major things it would do would be to cut down on the amount of money spent on municipal water. After the completion of the water catchment system and initial investment the cost to run the system is very minimal, especially compared to the cost of municipal water. By supporting this project the district also sends out a message to other districts that shows they support sustainability and encourage their schools to be leaders in the fight to become environmentally conscious and support growth that fosters both better learning facilities and healthier environments. This project would positively impact the lives of many people and would be a great improvement to the school, community and district.

“I believe history is being made at this defining moment. Someday we’ll look back and see ourselves making history together.” – Mayor Kevin Johnson

