Replacing several of the turf areas at the building perimeter with low water use plantings will conserve water. Revising the west parking and turf play area could improve both the efficiency of the parking lot, improve the surface of the turf play area, and increase its size.

The main buildings are in fair condition. The older portables are well past their expected life. Upgrading the kitchen and updating the multipurpose building is an improvement for hosting community events. Improving the security and lighting throughout the campus presents a safe environment.

The classrooms need to be updated. Improving the acoustical separations between classrooms, new finishes, replacing the light fixtures, and increasing the electrical and data distribution will be a positive upgrade.
Inadequate size turf play area. Existing field is lumpy and could cause ankle sprain.

Add trees along building edges to provide shade for buildings and seating.

Time clock and photocells. Observed many lights were turned on during daylight hours.

No dirt leg on gas supply to HVAC equipment per code.

Sinks are in good condition. ADA sinks missing pipe wrap.

These units are generally about 11 years old, some appear to be +20 years old. The HVAC system serving the Multi-Purpose room is +35 years old and has exceeded its life expectancy.

Cement plaster needs repair.

Projector and manual projection screens, wire mold and exposed cabling.

Excessive wear. Wood plank floor.

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT
Sustainable Facilities Master Plan
June 2012

High Performance Transformation

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

Create safe, barrier free outdoor play areas, incorporating efficient and effective storm water management, landscaping, lighting and surfaces.

Improve the efficiency of building and water impoundment systems to reduce domestic water usage.

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

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

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

Sustainable Sites

School Entry/Drop Off

Outdoor Activity

Campus Core

Utility Efficiency

Exterior

Water Efficiency

Interior

Energy & Atmosphere

Materials & Resources

Exterior

Indoor Environmental Quality

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

SAFE & WELCOMING SCHOOL
- Dedicated Drop-Off
- Visitor/Staff Parking

CAREER & COLLEGE READY
- Core Academic
  - Kindergarten (K)
  - Elementary; Lower 1-3, Upper 4-6
- Project Labs Expansion (1,800sf)
- Project Labs (PL) - Art/Science

SUPPORT
- Support Spaces – distributed

FAMILY & COMMUNITY ENGAGEMENT
- Technology Center (TC) Transformation (1,670sf)
- Media Center & Computer Lab
- Parent Center & Conference Room
- Teacher Planning Center
- Note: Transformation of classrooms and media center

ORGANIZATIONAL TRANSFORMATION
- Classroom Conversion / Expansion (2,304sf)
- Existing site acreage cannot support campus expansion needs. School campus capacity is anticipated to be 368 to 448 students

Site Plan - Concept Study

Sacramento City Unified School District

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### 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:

- Add parking for visitors and parents. Repave parking lots.
- New fences throughout the school.
- Courtyard gates need repair.
- Need gate around service kitchen and dumpster area.
- Expand the grass play areas. Repair turf potholes.
- Replace playground bark chips.
- Improve grounds maintenance.
- Install portables rooms for kindergarten.
- Provide gymnasium.
- Roof in need of repair.
- Ceiling beams have leaks.
- Cafeteria is outdated and the floors need to be replaced.
- Add a water fountain to the Cafeteria.
- Stage in multi-purpose room needs repair/updating.
- New sound system for multipurpose room.
- Need more lighting throughout the school – safety.
- New painting is needed throughout the school.
- New curtains/blinds throughout the school.
- Show/display cases in hallways for student work.
- Upgrade door locks to lock from inside. Provide peepholes.
- Doors need weather stripping.
- Classroom walls need repair; add tackable surfaces.
- Improve acoustical insulation of classroom walls.
- Need more electrical outlets in the classrooms.
- Replace carpet throughout campus.
- AC does not always work in the classrooms.
- Bookshelves in classrooms.
- Student restrooms need major repair.
- Additional security cameras.

### CHPS Summary
Collaborative for High Performance Schools
Supports the idea that “a well-designed facility can truly enhance performance and make education more enjoyable and rewarding...and a productive learning experience.”

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

<table>
<thead>
<tr>
<th>CHPS Categories</th>
<th>Eligible Points</th>
<th>Actual Points</th>
<th>Total Points</th>
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<tbody>
<tr>
<td>Leadership, Education &amp; Innovation</td>
<td>13</td>
<td>1</td>
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<tr>
<td>Sustainable Sites</td>
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<tr>
<td>Water Efficiency</td>
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<td>Energy &amp; Atmosphere</td>
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<td>Materials &amp; Resources</td>
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<td>26</td>
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<td>Leadership, Education &amp; Innovation</td>
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**Assessment Total**: $795,730, $388,700, $783,380, $1,967,810

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

### 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
- Speciality 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

### Project Cost Summary Matrix

<table>
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<tr>
<th></th>
<th>Code Life Safety &amp; Acc.</th>
<th>Maintenance &amp; Operations</th>
<th>High Performance Transformation</th>
<th>Sustainable Category Total</th>
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<tr>
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**Assessment Total**: $1,225,510, $2,975,700, $5,349,630, $9,550,840

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

### Summary by CHPS Categories
- **Leadership, Education & Innovation**: 13/14/1
- **Sustainable Sites**: 14/2/0
- **Water Efficiency**: 9/0/0
- **Energy & Atmosphere**: 29/1/0
- **Materials & Resources**: 18/2/0
- **Indoor Environmental Quality**: 23/25/3

**Total**: 116/0/0

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**SCARONTO CITY Unified School District**

**Sustainable Facilities Master Plan**

June 2012