

Site Plan of Campus



**Narrative Summary**

Oak Ridge Elementary School; one of the District's Priority Schools, was originally constructed in 1953 and received a modernization in 1999. However, there are still a number of areas that require improvement.

In the Summer of 2010 the District's staff provided a series of facility improvements; including but not limited to: asphalt repair, carpentry repairs to buildings, drapes repair/replacement, floor & hardwood repair/replacement, HVAC filter replacements, landscaping, paint, plumbing repair, security cameras and window repair.

Primary safety issues occur at the front of campus where Martin Luther King Jr Blvd is extremely unsafe. There is a one-lane drop-off shared by both buses and parents that is inadequate in size and length. Parents also drop students off in either the parking lot or at the street. The parking lot is already inadequate

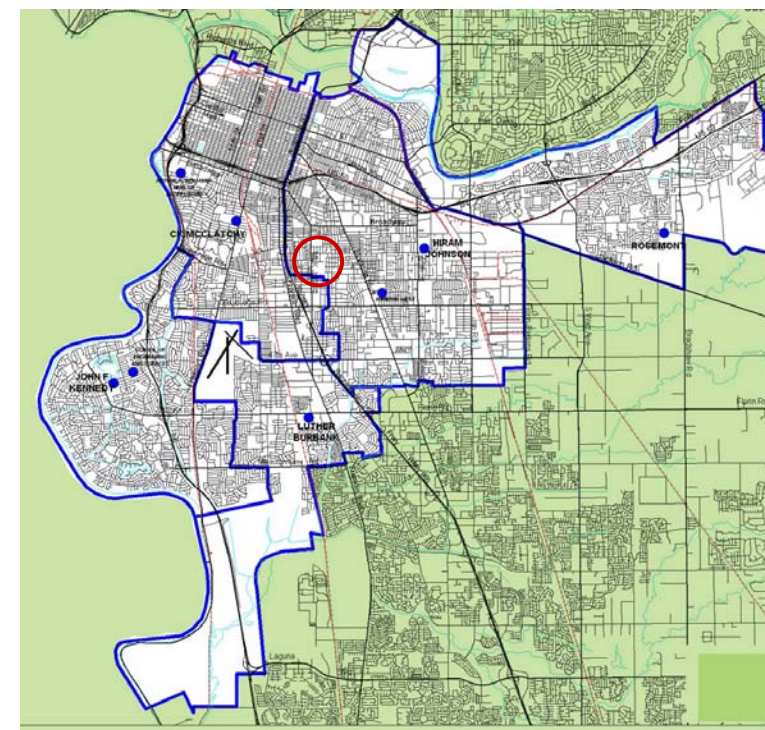
in size and has poor circulation design, so the drop-off within it's confines further deteriorates the situation. Reconfiguration of the parking area and a drop-off lane addition would greatly resolve this matter.

Elsewhere on site, the hard-surface playground could use a new slurry seal and striping, more landscaping is needed to buffer the hardscape areas, there is very little shade on campus, and perimeter fencing needs improvement as stray dogs wander onto the campus.

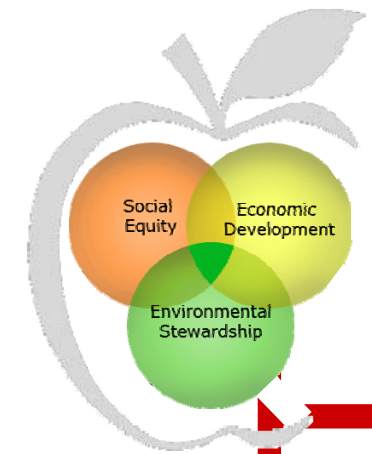
Specific to the building interiors, door signage is no longer ADA accessible, the HVAC system causes temperature issues throughout the campus, and some door hardware is not ADA compliant. Master clocks do not work, there is only one working outlet in each classroom, doors and carpet are old and out-dated, and casework at sinks is not ADA compliant. The multi-purpose room directly across from the administration offices has significant noise issues, so having separate buildings at some point would be ideal.



Campus Entry



School Location Legend



'Student Centered Education'

**School Mission Statement**

*The Oak Ridge staff is committed to increasing the achievement of all students. We believe that every child has the right to a personalized quality instructional experience designed for achievement at the highest possible level. This will be accomplished through a sustained focus and reform minded approach to Belief Systems, Academic Climate, and Great Instruction. It's all in the BAG...*

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 **Sustainable Sites School Entry/Drop Off**  
*Inadequate single lane drop-off size and length is shared with buses and parents.*




 **Sustainable Sites Outdoor Activity**  
*Poor surface condition poses safety risk.*




 **Sustainable Sites Campus Core**  
*Needs additional trees, landscaping, and site furnishings.*




 **Utility Efficiency Exterior**  
*Insulation blanket is not properly secured to the back flow preventer.*




 **Water Efficiency Interior**  
*Drinking fountain is not ADA compliant.*



 **Energy & Atmosphere**  
*Energy management system needs evaluation.*




 **Materials & Resources Exterior**  
*Built-up roof system requires upgrade.*



 **Materials & Resources Interior**  
*Ceiling finishes require painting.*



 **Indoor Environmental Quality**  
*Insufficient light fixture quantity and placement need to be remedied.*

## High Performance Transformation

### Leadership, Education & Innovation

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

### Sustainable Sites

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

### Water Efficiency

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

### Energy & Atmosphere

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

### Materials & Resources

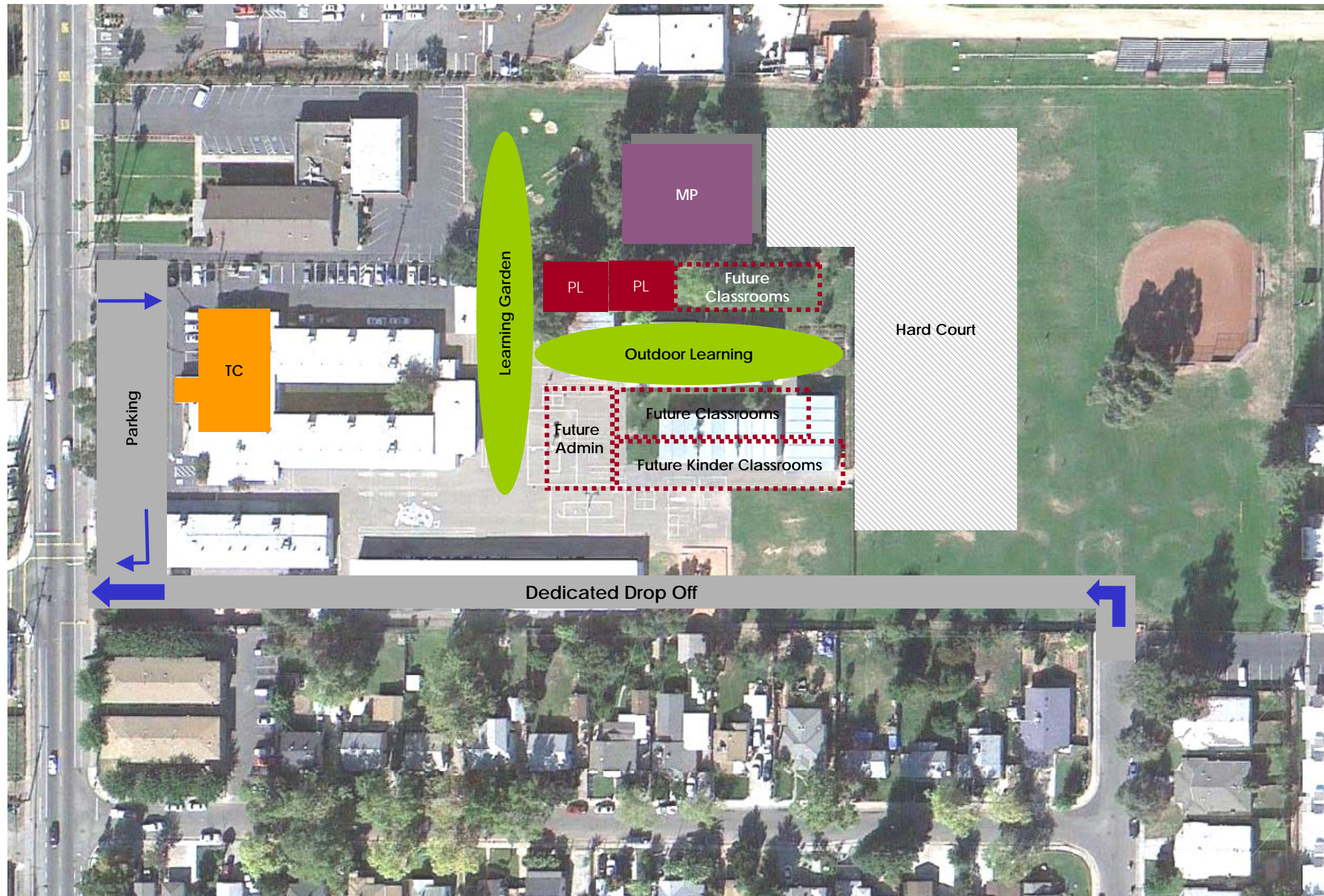
*Improve the learning environment and extend the life-cycle of facilities while encouraging the use of efficient sustainable materials and reducing waste.*

### Indoor Environmental Quality

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

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**'Student Centered Education'**

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

**SAFE & WELCOMING SCHOOL**

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

**CAREER & COLLEGE READY**

**Core Academic Pathway Transformation**

- Kindergarten (K)
- Elementary; Lower 1-3, Upper 4-6

**Project Lab Transformation (1,200 sf)**

- Project Labs (PL)
- Art/Science Expansion (3,600sf)

**Support** Support Spaces – distributed

**FAMILY & COMMUNITY ENGAGEMENT**

**Technology Center (TC) Transformation (3,371 sf)**

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

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

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

**ORGANIZATIONAL TRANSFORMATION**

**Classroom Conversion / Expansion (11,368 sf)**

- Portable to Permanent and CR Expansion to meet optimized Campus Capacity Goals of 552 – 672 students. 9 Classrooms and Support Spaces

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Site Plan- Concept Study



## School Site Facility(s) Needs

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

### School Facility Needs

- Painting throughout campus
- Maintain landscape and green areas

### School Facility Desired Improvements

- Safety on Martin Luther King Jr Blvd
- Science Lab
- Functioning clocks in classrooms
- Updated computer lab
- Technology curriculum
- Classroom updated include carpets and desks
- Parking lot changes including more ADA accessible spaces
- Water fountain improvements
- Outside site benches
- More greenery like trees, shrubs, and plants

### Schools as Teaching Tools

	Code, Life Safety & Access	Maintenance & Operations	High Performance Transformation	Sustainable Category Total
Sustainable Sites	\$361,270	\$411,320	\$1,925,430	<b>\$2,698,020</b>
Water Efficiency	\$42,510	\$109,980	\$304,070	<b>\$456,560</b>
Energy & Atmosphere	\$0	\$378,300	\$46,930	<b>\$425,230</b>
Materials & Resources	\$119,340	\$785,460	\$1,008,280	<b>\$1,913,080</b>
Indoor Environmental Quality	\$232,830	\$257,400	\$512,200	<b>\$1,002,430</b>
Leadership, Education & Innovation	N/A	N/A	\$16,014,310	<b>\$16,014,310</b>
<b>Assessment Total</b>	<b>\$755,950</b>	<b>\$1,942,460</b>	<b>\$19,811,220</b>	<b>\$22,509,630</b>

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

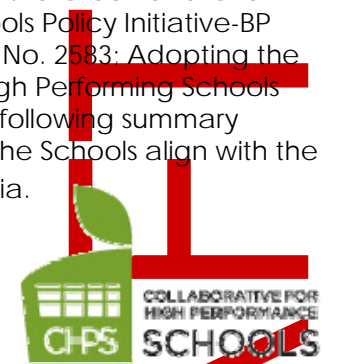
## Project Cost Summary Matrix

## CHPS Summary

*Collaborative for High Performance Schools*

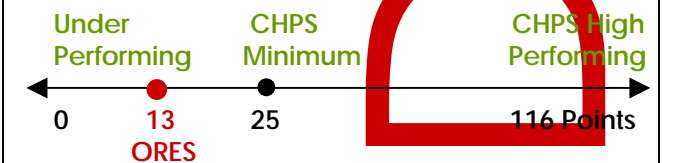
Supports the idea that "a well-designed facility can truly enhance performance and make education more enjoyable and rewarding...and a productive learning experience."

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



### SUMMARY by CHPS Categories

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



## Campus Assessment Summary

### Sustainable Sites

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

### Water Efficiency

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

### Energy & Atmosphere

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

### Materials & Resources

- Signage
- Door Hardware
- Interior Space
- Exterior Finish

### Indoor Environmental Quality

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

### Leadership, Education & Innovation

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

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