

Rescue Union School District

AGENDA ITEM: District Facilities – Bond Information, Master Facility Plan, Project List, and Timeline

BACKGROUND:

At the April 2019 study session, the Board discussed the Goals/Vision for district facilities, the next steps for a potential facilities bond, and the timeline and process for completing a master plan.

At that meeting the board gave direction to finalize the goals/vision for facilities (which was approved at the May 2019 study session), to continue to move forward on the exploratory process for a bond, and to create a revised master plan.

STATUS/DISCUSSION:

The administrative team along with Isom Advisors will present a Community Outreach Presentation on the District's Facility Needs and the potential benefits of a bond.

Additionally, a draft of the revised Master Plan will be presented for review along with information regarding other projects (technology and solar) as potential items to include in the bond project list.

Finally, a discussion of timelines and next steps will be presented.

FISCAL IMPACT:

Unknown

BOARD GOAL(S):

Board Focus Goal II – FISCAL ACCOUNTABILITY:

Keep the district fiscally solvent through prudent budget processes in order to meet the needs of our students.

Board Focus Goal V – FACILITY/HOUSING:

Build, improve and maintain school facilities to meet current and future education needs while integrating the most effective and efficient use of resources.

RECOMMENDATION:

None - This is a discussion item during a study session to help facilitate direction and goals on facility and district needs.



Rescue Facilities Guiding Principles

*Guiding principles to inform the District's planning for facilities,
aligning with the RUSD LCAP and Board goals.*

- 1. Provide a safe, supporting, and nurturing environment**
 - Promote academic, social, emotional, ethical, and civic learning and character
 - Be accessible and welcoming while providing safety and order
- 2. Support and celebrate diverse needs of all students, staff, and community members**
 - Provide quality educational services to maximize academic achievement for all individuals in all student groups
 - Welcome differences and celebrate diversity
 - Recognize and embrace unique learning styles, interests, and abilities
 - Employ universal design principles to guide student learning
 - Make effective use of resources
 - Create multi-modal, project-based work spaces built for teams and groups
 - Support curricula offered through hands-on, collaborative activities
- 3. Build, improve and maintain school facilities to meet current and future educational needs**
 - Integrate the most innovative physical characteristics to inspire learning and community pride
 - Include spaces for student exhibition, display and performance
 - Design of spaces to be physically and aesthetically pleasing
- 4. Develop active community pride at each school campus**
 - Reflect a culture of excellence
 - Exemplify practices that support, reward, and incentivize employees to perform at exceptional levels for benefit of students
 - Connect to a common purpose to build strong, lasting relationships among staff and school families and District
- 5. Integrate people, programs and spaces to promote collaboration**
 - Reinforce experiential learning and environmental stewardship through outdoor connections and spaces
 - Include indoor-outdoor elements to be used as tools for authentic learning
- 6. Provide technical infrastructure and systems of support**
 - Promote quality education with learning spaces equipped with enhanced connectivity and devices to support student learning
 - Promote technical literacy through robust and updatable systems
- 7. Build adaptable environments that support resiliency of facilities over time**
 - Improve building performance and reduce operating costs
 - Design flexible structural systems and building footprints to accommodate innovation and change over time



Rescue Union School District



Facility Needs Presentation

August 2019



District Overview

Nearly 70 years of educating local kids

Rescue Union School District

- Rescue Union School District has a long history having provided education to local children since 1950.
- Rescue Union SD serves approximately 3,700 students, grades TK through 8 in five elementary schools, and 2 middle schools.
- Rescue Union SD schools have served the community well but are showing their age.
- Rescue Union SD continues to have excellent test scores.



2016:
Green Valley Elementary School



2019:
Marina Village Middle School



2005:
Lake Forest Elementary School



2018:
Lakeview Elementary School

2014:
Jackson Elementary School
Lake Forest Elementary School
Lakeview Elementary School
Rescue Elementary School

2013:
Marina Village Middle School
Pleasant Grove Middle School

2010:
Rescue Elementary School

2004:
Lake Forest Elementary School

2002 and 1989:
Jackson Elementary School



2010:
Jackson Elementary School
Lake Forest Elementary School
Lakeview Elementary School
Marina Village Middle School

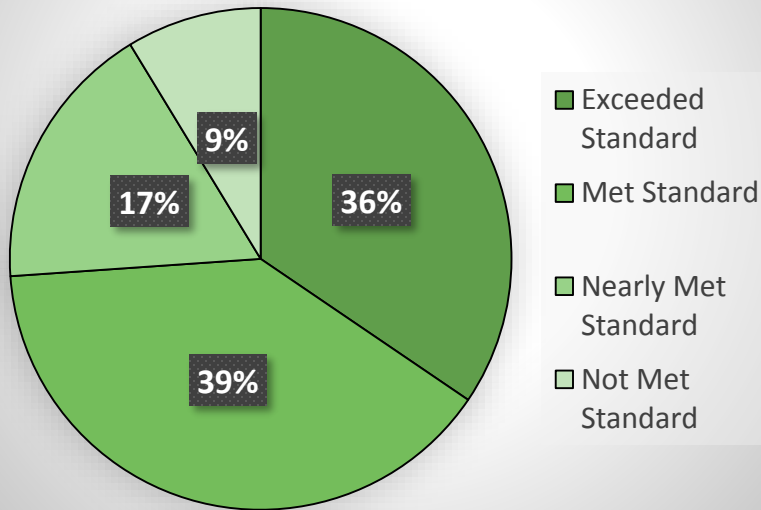
District Overview

Continued Excellence in Academic Performance

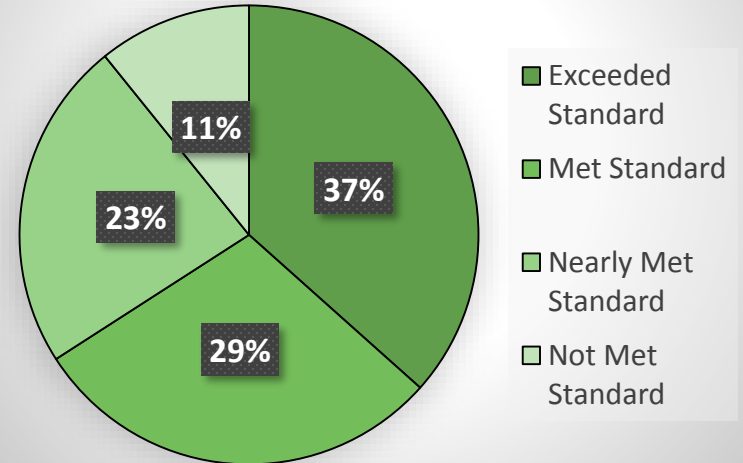
Rescue Union School District

Rescue Union Students continue to perform at the top of the county, region, and state on standardized academic tests.

English Language Arts 2018 CAASPP Results



Mathematics 2018 CAASPP Results



**While Our
Schools Look
Good on the
Outside...**



**...the average
age of schools in
the District is
over 34 years
with Rescue, our
oldest, first built
61 years ago.**



**...and over
35% of our
classrooms
are aging
portables.**



Antiques Road Show

Antique fixtures show just how old our sites are.

Rescue Union School District



Antiquated facilities
and fixtures



Outdated electrical systems



Windows from another era

Antiques Road Show

Antique fixtures show just how old our sites are.

Rescue Union School District



While still functional, old HVAC units are not energy efficient



Buildings need modernization, replacement, and repair

**So if our
fixtures and
equipment are
antiques, how
about our
infrastructure?**



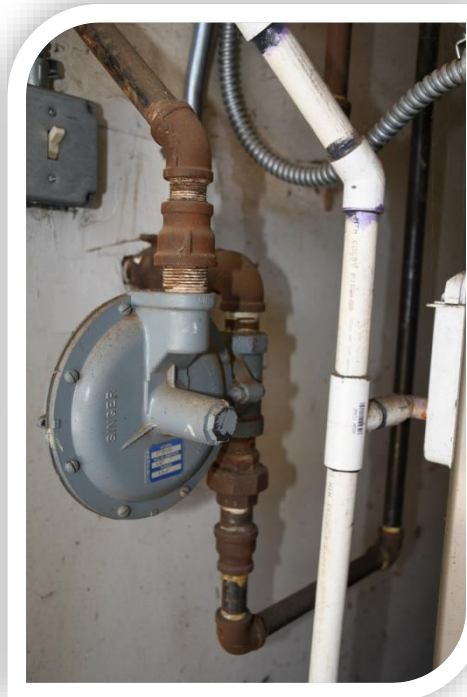
Site Facility Needs

Energy efficiency improvements will save District money

Rescue Union School District



Old HVAC units need to be replaced with energy efficient models



Deteriorating plumbing systems must be replaced

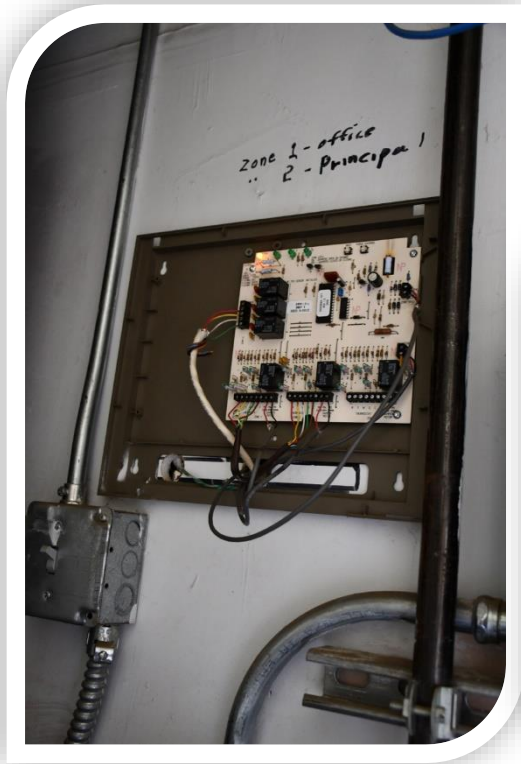


Floors need repairing

Site Facility Needs

Aging facilities need to be modernized

Rescue Union School District



Electrical systems must be upgraded



Restrooms need modernization



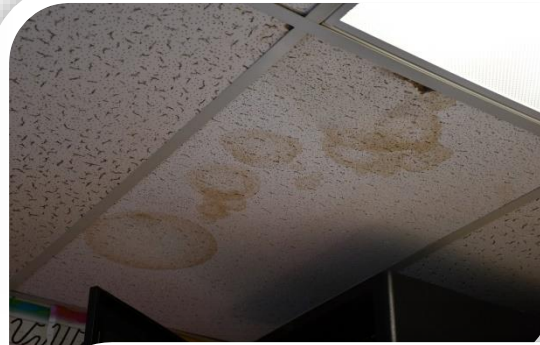
Site Facility Needs

Health and safety improvements must be made

Rescue Union School District



Aging windows must be replaced

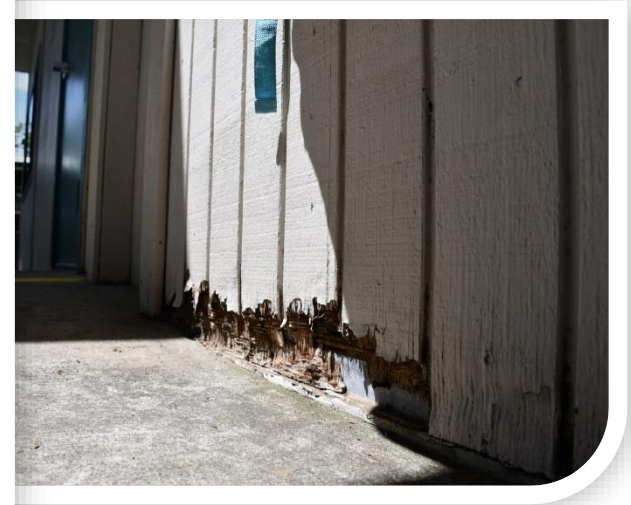


Leaky roofs need to be repaired or replaced

Site Facility Needs

Aging facilities need to be modernized

Rescue Union School District

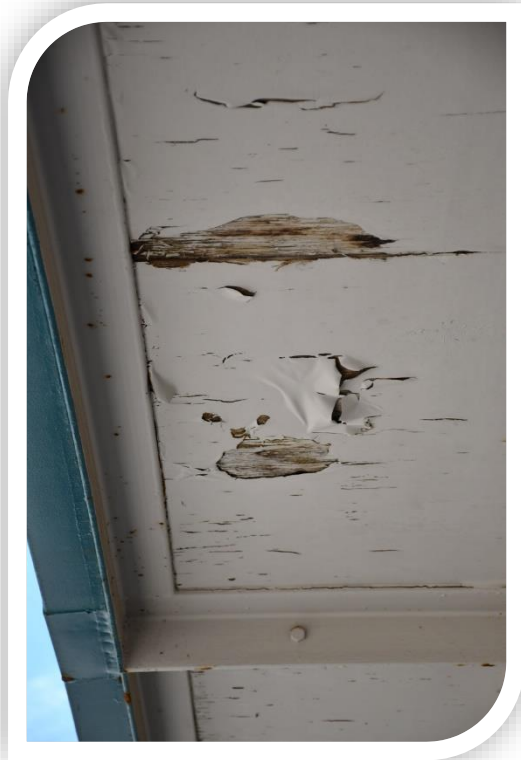


Dilapidated portable buildings need more than simple patching

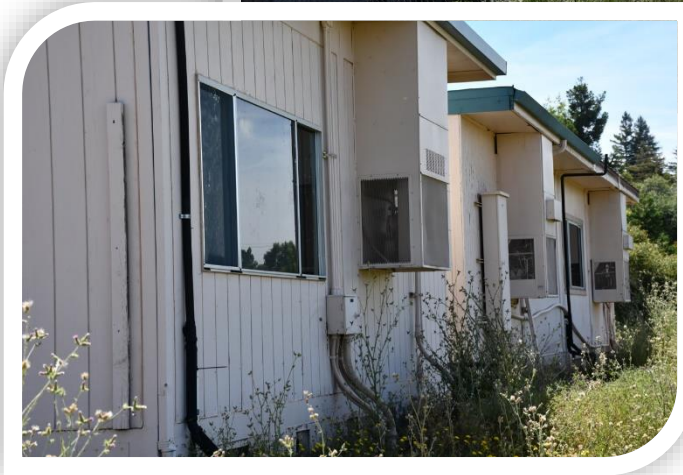
Site Facility Needs

Energy efficiency improvements will save District money

Rescue Union School District



School facilities need repairs



Deteriorating temporary portable classrooms need to be replaced

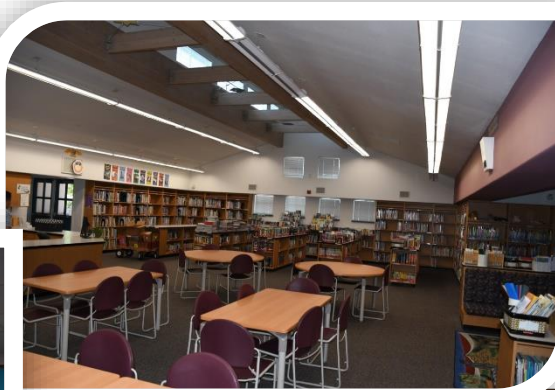
Site Facility Needs

Classrooms, labs and libraries need modernization

Rescue Union School District



Classrooms must be updated & equipped to accommodate 21st Century learning



Libraries need updating



School facilities should be modernized

General Obligation Bond Measure

District can generate \$62.4 million in G.O. bond proceeds

Rescue Union School District

- G.O. bonds fund projects such as the renovation of existing classrooms and school facilities, as well as construction of new permanent classroom structures. Similar to a home loan, G.O. bonds are typically repaid over 25 to 30 years.
- The loan repayment comes from a tax on all taxable property - residential, commercial, agricultural and industrial - located within the District's boundaries.
- Several other districts in El Dorado County have approved a school improvement bond measure for their schools; some have passed multiple measures. Rescue Union SD last passed a G.O. bond measure in 1998, over 20 years ago.

| Rescue Union SD Bond Proceeds at Varying Tax Rates ⁽¹⁾ | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------------|------------------------|
| Tax Rate per \$100,000 | Series A 2020 | Series B 2022 | Series C 2025 | Series D 2027 | Total Bond Proceeds | Survey Results Support |
| \$19.00 | \$9,900,000 | \$9,000,000 | \$10,500,000 | \$12,300,000 | \$41,700,000 | 67% |
| \$25.00 | \$13,000,000 | \$12,000,000 | \$13,100,000 | \$14,900,000 | \$53,000,000 | 58% |
| \$30.00 | \$15,700,000 | \$14,300,000 | \$15,300,000 | \$17,100,000 | \$62,400,000 | 57% |

(1) Assumes AV growth of 3.75% and 30 year bond terms; Preliminary – Subject to change

Source: Isom Advisors

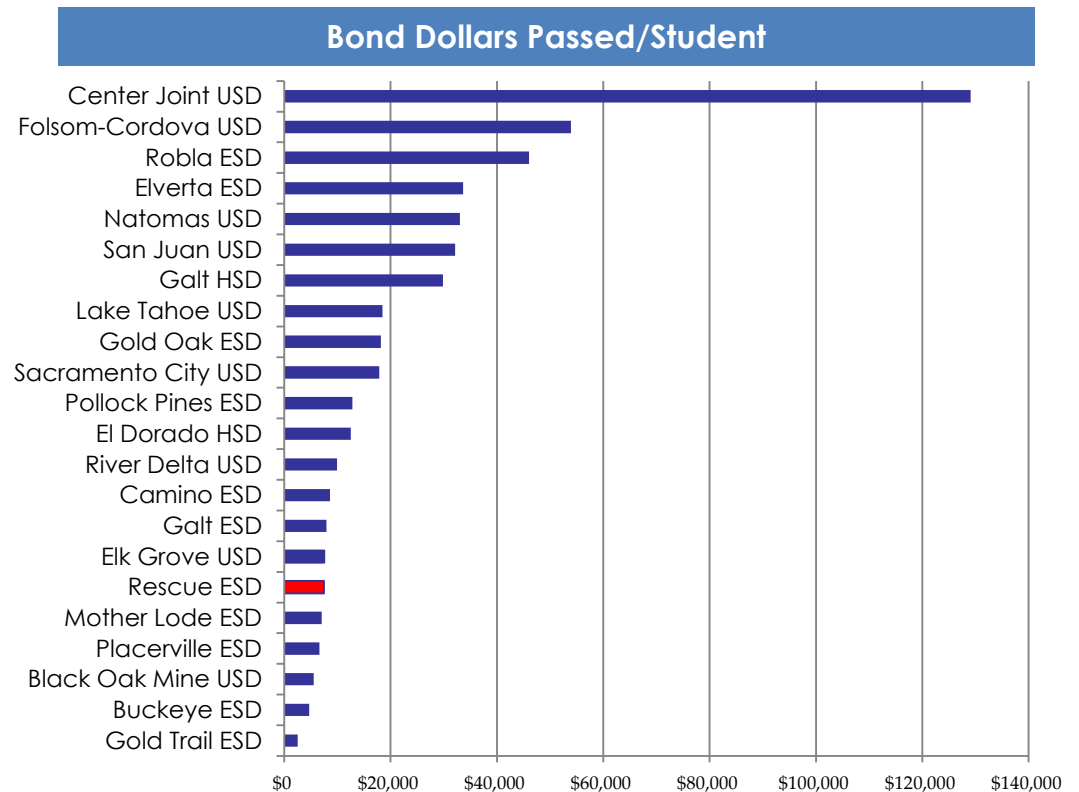
Bond Dollars Passed Per Student

El Dorado County voters have been supportive of schools

Rescue Union School District

- The average bond dollar passed per student for El Dorado/Sacramento County K-12 school districts is \$22,983; Rescue Union School District is \$7,440

| School District | Bonds Passed | 2018-19 rate |
|------------------------|--------------|----------------|
| Folsom Cordova USD * | 7 | \$396.30 |
| Center Joint USD | 2 | \$241.20 |
| San Juan USD | 4 | \$199.30 |
| Natomas USD | 4 | \$192.80 |
| Sacramento City USD | 4 | \$116.40 |
| Robla ESD | 3 | \$97.90 |
| Galt HSD | 2 | \$67.50 |
| Lake Tahoe USD | 2 | \$60.89 |
| Galt ESD | 2 | \$52.20 |
| River Delta USD | 2 | \$44.10 |
| Elk Grove USD | 1 | \$35.70 |
| Placerville ESD | 2 | \$30.43 |
| Rescue Union SD | 1 | \$26.80 |
| Gold Oak ESD | 1 | \$25.84 |
| Everta ESD | 1 | \$25.20 |
| Camino ESD | 1 | \$24.59 |
| Black Oak Mine USD** | 1 | \$23.97 |
| Pollock Pines ESD | 1 | \$21.72 |
| Buckeye ESD | 1 | \$19.61 |
| Mother Lode ESD | 1 | \$15.16 |
| El Dorado HSD** | 2 | \$14.69 |
| Gold Trail ESD | 1 | \$10.16 |



* District has passed 5 SFID elections **Expected to go for a bond in 2020

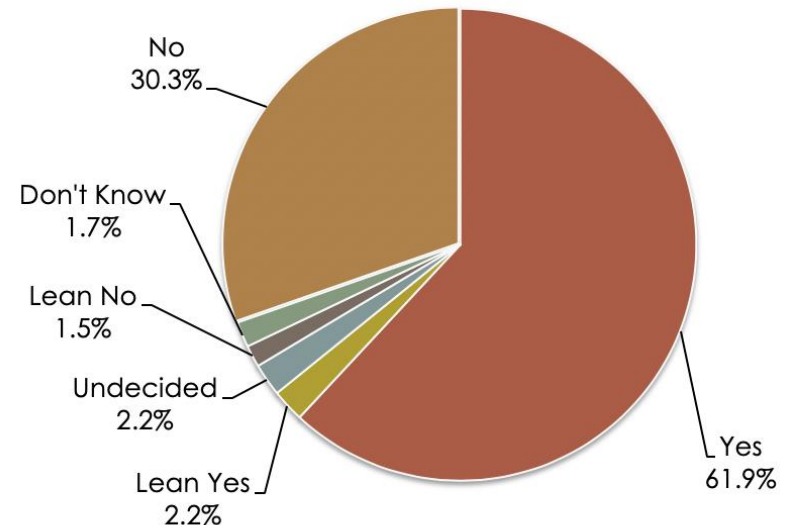
Ballot Measure

Support for a measure is above the Prop. 39 55% threshold

Rescue Union School District

- At this time, the Rescue Union School District is looking to make classroom and school facility improvements and is considering placing a school improvement bond measure before voters in your community on an upcoming ballot. Let me read you the proposed measure:

"To improve the quality of education; modernize outdated classrooms, restrooms and school facilities; repair or replace leaky roofs; and make health and safety improvements; shall Rescue Union School District issue \$54,000,000 of bonds at legal interest rates, generating on average \$3,200,000 annually as long as bonds are outstanding at a rate of approximately 3 cents per \$100 assessed value, with annual audits, independent citizens' oversight committee, NO money for salaries and no money taken by the State?"



Why a G.O. Bond?

A school improvement bond measure has benefits for all

Rescue Union School District

- **Tools the State has given school districts for major improvements** – Certificates of Participation (COPs), General Obligation (GO) Bonds, and money through the State Facility Program that requires ‘match’ money, usually in the form of local GO Bonds.
- **Better learning environment for local students** – Modernized facilities and classrooms create a learning environment that is conducive to 21st Century learning.
- **Economic boost** – By law, funds from the proposed measure must be spent on local school facility improvements, thus creating additional jobs and boosting the area economy.
- **Keeping money in the classrooms** – Energy efficiency improvements (windows, HVAC, solar, etc.) and critical facility repairs that can be paid for by a G.O. bond will provide more funding for instruction.
- **Taxpayer safeguards are in place** – Funds raised cannot be taken by the State and must be spent locally; in addition, expenditures must be annually reviewed by an independent citizens’ oversight committee
- **Good Schools make our community stronger** – Good schools contribute to increased community safety, higher property values, and provide education and job training for tomorrow’s community member.

Questions or
Suggestions?



DRAFT - BOARD Study Session 08.27.19



RESCUE UNION SCHOOL DISTRICT

FACILITIES MASTER PLAN

AUGUST 2019

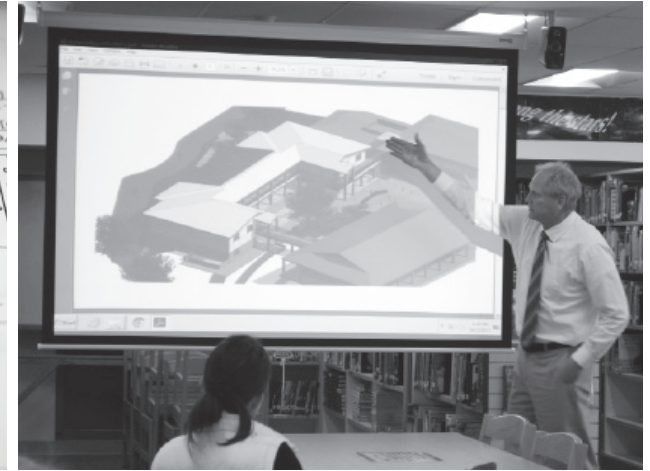
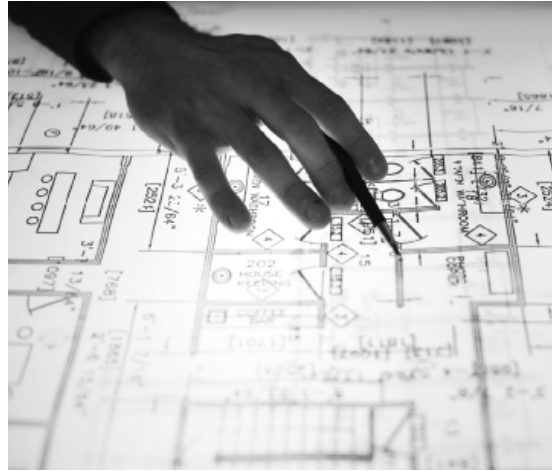


CALIFORNIA DESIGN WEST ARCHITECTS

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FACILITIES MASTER PLAN



A Facilities Master Plan (FMP) is a comprehensive document which serves as a guide for the District to review and analyze all school sites.

The Rescue Union School District's Board of Trustees has established guiding principals to inform the District's planning for facilities, aligning with the RUSD LCAP and Board goals. These goals, listed below, and are expanded upon in an additional section in this Facilities Master Plan.

1. Provide a safe, supporting, and nurturing environment.
2. Support and celebrate diverse needs of all students, staff, and community members.
3. Build, improve and maintain school facilities to meet current and future educational needs.
4. Develop active community pride at each school campus.
5. Integrate people, programs and spaces to promote collaboration.

6. Provide technical infrastructure and systems of support
7. Build adaptable environments that support resiliency of facilities over time.

This Facilities Master Plan is an essential tool to assist the District in meeting these goals, and was developed through discussions with the Board of Trustees, staff and the broader district community regarding our district needs, analyzing local demographics, home development and enrollment projections, current facility use and anticipated facility needs, funding options and mandates regarding facility development and maintenance.

Every school district must adopt a Master Plan that serves the particular needs of their district. This process is continuous and must be based on data that has been researched, reviewed and analyzed. Current fluctuations in growth and development further emphasize the need to conduct an annual review of the

RUSD Facility Master Plan. The Rescue Union School District, under the leadership of the Board of Trustees, and other valuable community representatives annually reviews the data to provide this analysis. Thus, as an ever-current document, the Facility Master Plan serves as a reference upon which to base future facility decisions.

RUSD's common goal of enhancing the education of students and the planning for the future facilities must be accomplished with a common perspective and understanding of the factors that impact our students' opportunities for learning. Through careful planning, and with the broader support of our community, the RUSD Facility Master Plan provides a critical roadmap for the District's future.

HISTORY



The Rescue Union School District was established as an elementary school district in 1950 through the consolidation of Deer Valley, Live Oak, Tennessee and a portion of the Negro Hill School Districts.

In the early and middle 1960's, the District was subject to great enrollment growth. There was insufficient classroom space to house all the students. At one time, kindergarten classes were held in the Superintendent/Principal's home and first and second grade classes were held in the Rescue Community Center. Seven schools have been built since that time.

The Rescue Union School District is a TK-8 district that encompasses approximately 51 square miles of land in the west-



central part of El Dorado County. El Dorado County is located in North Central California, between the Sacramento Metropolitan area and the Nevada State Line at Lake Tahoe. It is bordered on the north by Placer County and by Amador and Alpine Counties on the south. El Dorado County stretches across 80 miles of foothills, valleys and mountain peaks. El Dorado County's approximately 1,700 square miles contain national forests, parks and recreational areas, stretching high into the Sierra Nevada Mountains to the Nevada border.

The District's topography can be best described as rolling hills interspersed with oak woodlands rising toward the Sierra Nevada Mountains ascending from 600 to 1500 feet elevation. Located approximately twenty miles east of Sacramento and ten



miles west of Placerville, north of the rapidly growing Highway 50 corridor, the District includes the residential community of Rescue, and the northern sections of El Dorado Hills, Cameron Park Shingle Springs, and unincorporated areas in northwest El Dorado County.

The District is bordered by the Sacramento County line to the west, Black Oak Mine Unified School District to the north, Gold Trail Union School District to the northeast, Mother Lode Union School District to the east, and Buckeye Union School District to the south. High school age students attend schools operated by the El Dorado Union High School District.

MISSION STATEMENT, VISION, AND FACILITY GUIDING PRINCIPALS

MISSION STATEMENT

Rescue Union School District, in partnership with families and the community, is dedicated to the success of every student by providing a challenging, comprehensive, and quality education in a safe environment in which all individuals are respected, valued, connected, and supported.

DISTRICT VISION

The Rescue Union School District will be recognized by parents, educators, and other school districts for students who have the ability to use problem solving and critical thinking skills to:

- Assimilate,
- Evaluate,
- Collaborate,
- Demonstrate, and
- Communicate

relevant new information across the curriculum, in a respectful manner through the use of contemporary and evolving approaches to facilitate learning.

FACILITY GUIDING PRINCIPALS

1. Provide a safe, supporting, and nurturing environment.

- Promote academic, social, emotional, ethical, and civic learning and character
- Be accessible and welcoming while providing safety and order

2. Support and celebrate diverse needs of all students, staff, and community members.

- Provide quality educational services to maximize academic achievement for all individuals in all student groups
- Welcome differences and celebrate diversity
- Recognize and embrace unique learning styles, interests, and abilities
- Employ universal design principles to guide student learning
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- Create multi-modal, project-based work spaces built for teams and groups
- Support curricula offered through hands-on, collaborative activities

3. Build, improve, and maintain school facilities to meet current and future educational needs.

- Integrate the most innovative physical characteristics to inspire learning and community pride
- Include spaces for student exhibition, display and performance
- Design of spaces to be physically and aesthetically pleasing

4. Develop active community pride at each school campus.

- Reflect a culture of excellence
- Exemplify practices that support, reward, and incentivize employees to perform at exceptional levels for benefit of students
- Connect to a common purpose to build strong, lasting relationships among staff and school families and District

5. Integrate people, programs, and spaces to promote collaboration.

- Reinforce experiential learning and environmental stewardship through outdoor connections and spaces
- Include indoor-outdoor elements to be used as tools for authentic learning

6. Provide technical infrastructure and systems of support.

- Promote quality education with learning spaces equipped with enhanced connectivity and devices to support student learning
- Promote technical literacy through robust and updatable systems

7. Build adaptable environments that support resiliency of facilities over time.

- Improve building performance and reduce operating costs
- Design flexible structural systems and building footprints to accommodate innovation and change over time

SCHOOL SITES AND DISTRICT FACTS

Currently, the District has seven (7) schools; five (5) Elementary Schools and two (2) Middle Schools. The District also owns acreage located on Sienna Ridge and Bass Lake Road, which is slated to eventually become a K-8 school . A map showing the District boundary and all sites is shown on the following page.

ELEMENTARY SCHOOLS



Green Valley Elementary

2380 Bass Lake Road
Rescue, CA 95672
Grades: TK-5



Jackson Elementary

2561 Francisco Drive
El Dorado Hills, CA 95762
Grades: TK-5



Lake Forest Elementary

2240 Sailsbury Drive
El Dorado Hills, CA 95762
Grades: TK-5



Lakeview Elementary

3371 Brittany Way
El Dorado Hills, CA 95762
Grades: TK-5



Rescue Elementary

3880 Green Valley Road
Rescue, CA 9567
Grades: TK-5

MIDDLE SCHOOLS



Marina Village Middle

1901 Francisco Drive
El Dorado Hills, CA 95762
Grades: 6-8



Pleasant Grove Middle

2540 Green Valley Road
Rescue, CA 95672
Grades: 6-8

FUTURE SCHOOL SITE



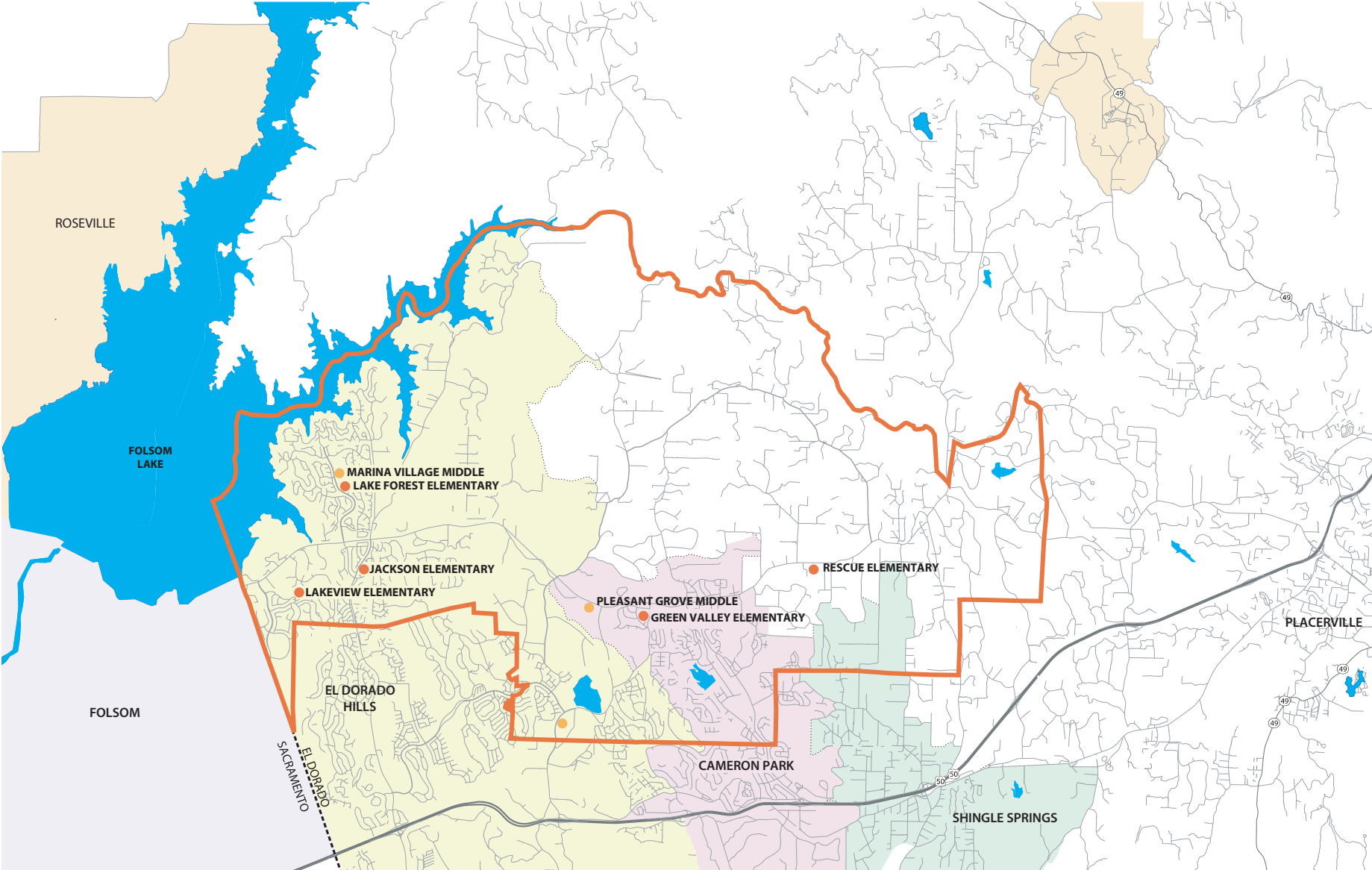
Sienna Ridge School

Sienna Ridge / Bass Lake Road
El Dorado Hills, CA 95672
Grades: K-8

QUICK FACTS

| | |
|------------------|--|
| Enrollment: | 3,629 Students <i>2018/2019 Enrollment</i> |
| Grades Served: | TK - 8th |
| Schools: | 5 Elementary 2 Middle |
| Staff: | 422 Total 202 Certified and Administrative 220 Classified and Support Staff |
| District Budget: | \$ 37,904,852 (Total) \$ 29,786,721 (Unrestricted) \$ 8,118,131 (Restricted) |
| District Office: | 2390 Bass Lake Road Rescue, CA 95672 (530) 677-4461 |
| Serving Towns: | El Dorado Hills Cameron Park Rescue Shingle Springs |

DISTRICT MAP



DISTRICT STATISTICS

PORTABLE CLASSROOM INVENTORY

All campuses in the District, except for Lakeview Elementary, have portable classroom buildings, with the largest percentage of portables currently at the Lake Forest Elementary campus. The overall percentage of portable classrooms on all sites in the District is 38%; 62% of all classrooms in the District are permanent buildings. A breakdown showing portable classrooms as percentages of total classrooms at each campus is shown below.

The District has a total of 80 portable buildings. 48 of those being greater than 20 years old. Portable classrooms are eligible for state funding for renovation or replacement of structures greater than 20 years old.

This information is also shown on each school's site analysis, in this Facilities Master Plan.

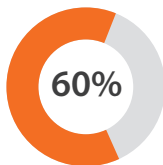
QUICK FACTS

Total Portables in District: 80

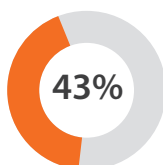
Total Portables over 20 years old: 48



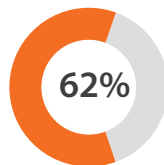
GREEN VALLEY
ELEMENTARY



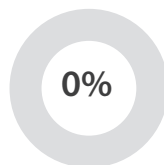
JACKSON
ELEMENTARY



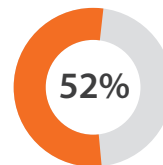
LAKE FOREST
ELEMENTARY



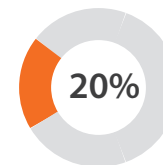
LAKEVIEW
ELEMENTARY



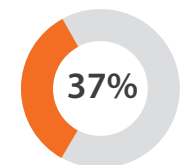
RESCUE
ELEMENTARY



MARINA VILLAGE
MIDDLE



PLEASANT GROVE
MIDDLE



DISTRICT STATISTICS

STUDENT CAPACITY

Campus student capacity refers to the maximum amount of students each campus can house, based on number of classrooms and District loading standards. The District's loading standards are:

| GRADES | IDEAL | MAX. |
|--------------------------------|-------|------|
| Transitional Kindergarten (TK) | 20 | 28 |
| Kindergarten - 3rd Grade | 24 | 28 |
| 4th - 5th Grade | 28 | 30 |
| 6th - 8th Grade | 30 | 31 |

Six (6) of the seven (7) campuses in the District lease classroom space to the El Dorado County Office of Education, for specialized or other County programs. These classrooms are shown as a percentage of the overall capacity below, with a dotted pattern and separate percentage listed.

All sites also operate pull-out programs, meaning that students leave their regular classrooms for specialized instruction in dedicated rooms, such as Computer Labs, Music, Band, Art, PE,

Project Lead The Way (PLTW), Reading, Resource Specialists, etc. The rooms used for pull-out programs are not counted in the total for determining site capacity, as they do not contribute to the overall capacity of the school.

The capacities in this Inventory are being used for comparative planning purposes and include adjustments for factors that affect a site's actual capacity such as room usage policies, loading standards, and grade configurations.

DISTRICT STATISTICS

CLASSROOM USAGE

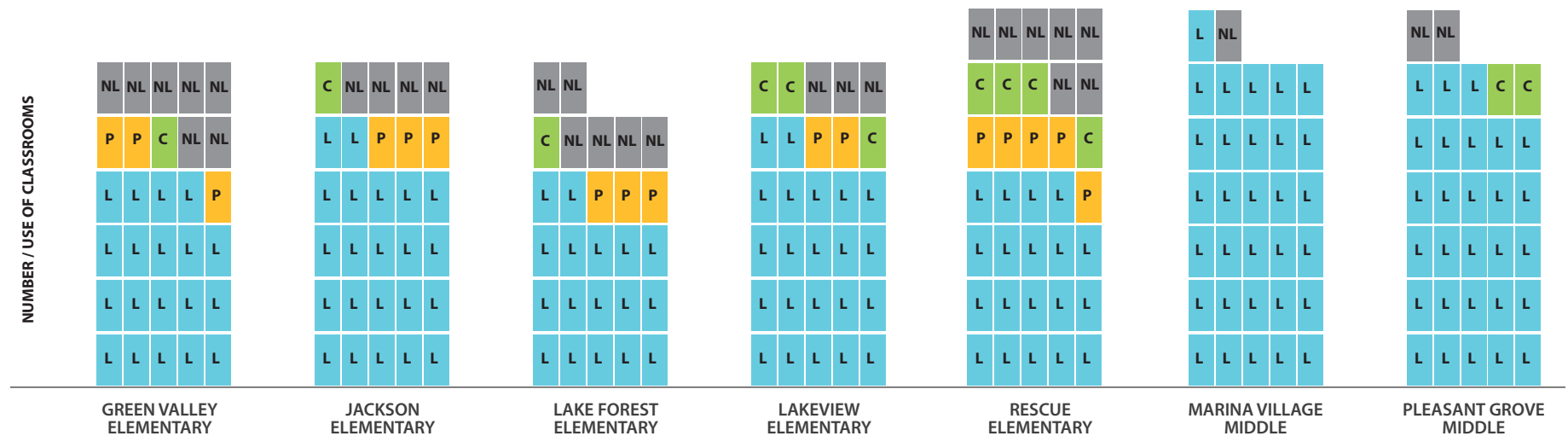
Classrooms can be, and are, used for a multitude of different types of instruction, from standard classroom instruction, to specialized instruction (which is generally considered a pull out program), to county programs.

The information below compares all uses for each campus, with the classrooms labeled as either Loaded, Pull Out, County, or Not Loaded (meaning no instruction is occurring in these rooms). The data below is also included on each school's in depth analysis pages.

CDE requires standard classrooms to be a minimum of 960 square feet, kindergarten classrooms to be a minimum of 1,350 square feet, and science classrooms to be a minimum of 1,300 square feet in size.

As listed on each school's inventory space list, the following abbreviations are used:

| LABEL | DEFINITION |
|-------|------------------|
| L | LOADED CLASSROOM |
| NL | NOT LOADED |
| P | PULL OUT |
| C | COUNTY USE |



DISTRICT STATISTICS

ENROLLMENT DATA

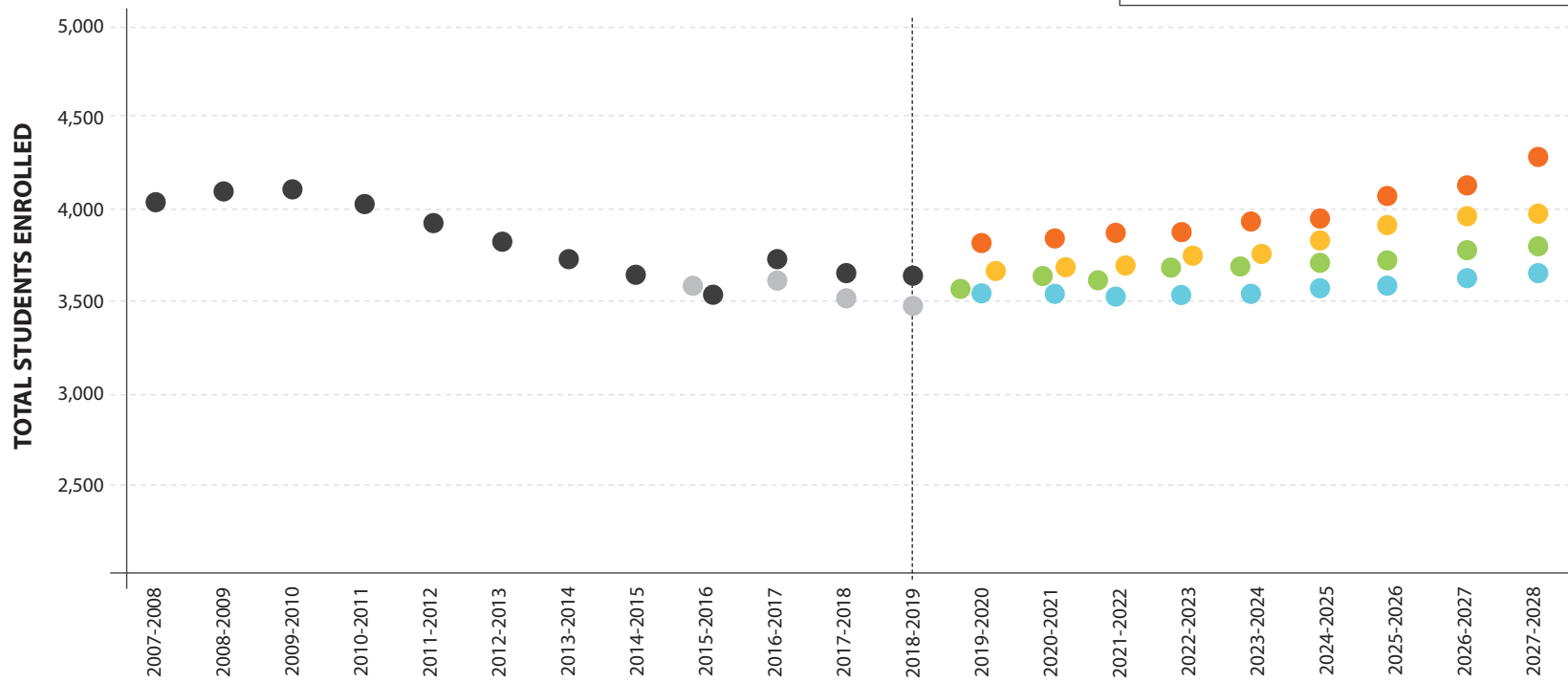
As previously noted, enrollment in the 2018-2019 school year for the District is 3,629 students. Data below shows enrollment information for a 20 year span, starting for the 2007-2008 school year, and ending with the 2027-2028 school year.

Worth noting, is that the previous Demographic Study, prepared in 2015, projected enrollment for the 2018-2019 school year was 3,439 students; in actuality, 190 more students are enrolled this year. This is mentioned as it could modify the projected enrollment shown below.

All data was obtained from the Demographic Study, prepared for the District by School Facility Consultants in February 2018. Past and current enrollment numbers were obtained from the California Department of Education's (CDE) DataQuest database.

LEGEND

- PROJECTED ENROLLMENT - HIGH HOUSING
(ESTIMATE OF 2,368 ADDED HOUSING UNITS OVER 10 YEARS)
- PROJECTED ENROLLMENT - MODERATE HOUSING
(ESTIMATE OF 1,597 ADDED HOUSING UNITS OVER 10 YEARS)
- PROJECTED ENROLLMENT - LOW HOUSING
(ESTIMATE OF 923 ADDED HOUSING UNITS OVER 10 YEARS)
- PROJECTED ENROLLMENT - NO HOUSING
- ACTUAL ENROLLMENT
- PREVIOUS ENROLLMENT PROJECTION



FUNDING AND PROJECT COSTS

ESTIMATED TOTALS

Costs below include construction and soft costs. Soft costs consist of architectural and engineering fees, civil engineering, geotechnical reports, DSA review, inspector fees, testing and inspection services, surveying, insurance, labor compliance, and any other miscellaneous consultants. Costs not included are utility hook up fees, city connection fees, off-site work, hazardous material surveys and abatement, and escalation. Cost estimates below are current at time of issuance of this FMP. District should account for a 5% annual escalation rate for all project costs.

The estimated state funds listed below were provided by School Facility Consultants, per previously submitted funding applications and estimated modernization eligibility (see following page).

| CAMPUS | PHASE 1 ESTIMATED PROJECT COSTS | PHASE 2 ESTIMATED PROJECT COSTS | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS | ESTIMATED TOTAL |
|--------------------------------|---------------------------------------|---------------------------------------|--------------------------|--------------------------------------|-------------------------|
| Green Valley Elementary School | \$ 4,484,156.67 | \$ 9,900,000.00 | \$ 2,732,290.00 | \$ 11,651,866.67 | \$ 14,384,156.67 |
| Jackson Elementary School | \$ 378,000.00 | \$ 9,480,000.00 | \$ 1,272,456.00 | \$ 8,585,544.00 | \$ 9,858,000.00 |
| Lake Forest Elementary School | \$ 4,680,000.00 | \$ 9,816,000.00 | \$ 1,988,626.00 | \$ 12,507,374.00 | \$ 14,496,000.00 |
| Lakeview Elementary School | \$ 3,350,000.00 | - | - | \$ 3,350,000.00 | \$ 3,350,000.00 |
| Rescue Elementary School | \$ 3,438,679.20 | \$ 9,650,000.00 | \$ 1,072,135.00 | \$ 12,016,544.20 | \$ 13,088,679.20 |
| Marina Village Middle School | - | \$ 8,880,000.00 | \$ 68,768.00 | \$ 8,811,232.00 | \$ 8,880,000.00 |
| Pleasant Grove Middle School | - | \$ 3,800,000.00 | - | \$ 3,800,000.00 | \$ 3,800,000.00 |
| TOTALS | \$ 16,330,835.87 | \$ 51,526,000.00 | \$ 7,134,275.00 | \$ 60,722,560.87 | \$ 67,856,835.87 |

Estimated costs listed below are for construction of the Sienna Ridge K-8 school. Costs that are not included are hazardous material surveys and abatement, and escalation.

| CAMPUS | BUILDING COST | SITE DEVELOPMENT | OFFSITE AND UTILITIES | SOFT COSTS | ESTIMATED TOTAL |
|-------------------------|------------------|---------------------|--------------------------|-----------------|------------------|
| Sienna Ridge K-8 School | \$ 35,875,000.00 | \$ 5,480,000.00 | \$ 1,540,000.00 | \$ 8,579,000.00 | \$ 51,474,000.00 |

MODERNIZATION ELIGIBILITY ANALYSIS

ELIGIBILITY SUMMARY

Currently the District has modernization eligibility at Green Valley Elementary School, Jackson Elementary School and Marina Village Middle School. The estimated funding is based on the modernization base grant amounts of \$ 4,644 per K-6 pupil and \$4,912 per 7-8th grade pupil.

This information was obtained from the 2018/2019 Modernization Eligibility Analysis and Update provided by School Facility Consultants.

| CAMPUS | ELIGIBILITY | STATE SHARE | DISTRICT SHARE | TOTAL |
|--------------------------------|-------------|------------------------|----------------------|------------------------|
| Green Valley Elementary School | 9 | \$ 41,796.00 | \$ 27,864.00 | \$ 69,660.00 |
| Jackson Elementary School | 274 | \$ 1,272,456.00 | \$ 848,304.00 | \$ 2,120,760.00 |
| Lake Forest Elementary School | - | - | - | - |
| Lakeview Elementary School | - | - | - | - |
| Rescue Elementary School | - | - | - | - |
| Marina Village Middle School | 14 | \$ 68,768.00 | \$ 45,845.00 | \$ 114,613.00 |
| Pleasant Grove Middle School | - | - | - | - |
| TOTALS | 297 | \$ 1,383,020.00 | \$ 922,013.00 | \$ 2,305,033.00 |

GREEN VALLEY ELEMENTARY SCHOOL

CAMPUS INFORMATION



QUICK FACTS

Location: 2380 Bass Lake Road
Rescue, CA 95672
(530) 677-3686

Website: www.mygreenvalleyschool.com

Grades: TK - 5th

2018 / 2019 Enrollment: 403 Students
- 75 in TK - Kindergarten
- 184 in 1st - 3rd Grade
- 144 in 4th - 5th Grade

Total Sq. Ft. of Buildings: 48,117

Total Acres of Campus: 10.3

APN #: 103-010-05

Green Valley Elementary School was opened in 1978 as a portable school and was moved to its current site on Bass Lake Road in the city of Rescue in 1982, when the first permanent building was constructed. Green Valley sits on a 10.3 acre site, which also houses the the District Office, the District Board room, and serves students from TK through fifth grade.

The facility has 12 permanent classrooms, 18 portable classrooms, library, multi-purpose building including a kitchen and stage, administration area, playfields and hardcourt play area.

The District office is on the same property as Green Valley Elementary School, which reduces the amount of playfields, and available parking spaces for school staff and parents.

There were 403 students enrolled for the 2018/2019 school year (not including students in EDCOE programs).

PORTABLE CLASSROOMS

THIS CAMPUS HAS 18 PORTABLE CLASSROOMS AND 12 PERMANENT CLASSROOMS



OF CLASSROOMS ARE PORTABLES

CLASSROOM USAGE

THIS CAMPUS HAS 30 CLASSROOMS, CURRENTLY USED AS LISTED AND SHOWN BELOW:

- 19 LOADED
- 3 PULL OUT
- 1 COUNTY
- 7 NOT LOADED

| | | | | |
|----|----|----|----|----|
| NL | NL | NL | NL | NL |
| P | P | C | NL | NL |
| L | L | L | L | P |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |

GREEN VALLEY ELEMENTARY SCHOOL

BUILDING INFORMATION

Listed in the table below, are the original and any associated modernization DSA Application numbers for all buildings on the campus.

| BUILDING / CLASSROOM | DESCRIPTION | ORIGINAL DSA APP # | CLOSED AND CERTIFIED BY DSA | MOD DSA APP # | CLOSED AND CERTIFIED BY DSA |
|-----------------------------|--|--|-----------------------------|-----------------------------------|-----------------------------|
| Building A (Administration) | One of the original buildings on campus, built in 1981. | 43482 | YES | - | - |
| Building B (Classrooms) | One of the original buildings on campus, built in 1981. Interior modifications were made in 2002, and a Kindergarten play area was added adjacent to this building,. | 43482 | YES | 02-104267 | NO |
| Building C (Classrooms) | This classroom building was added to the campus in 2001, and houses 6 classrooms and one central teacher work room. | 02-101092 | YES | - | - |
| Buildings D (Classrooms) | These three "pods" are made up of portable buildings, which were relocated on the campus in 1999. A permanent teacher work room in the center of each pod was constructed at the time of relocating, to tie all portables together. Each central teacher work room has doors to all three surrounding portables. | 49052 (D1) 49052 (D2) 50587 (D3) 49052 (D4) 50587 (D5) 52549 (D6) 56111 (D7) 50587 (D8) 56111 (D9) 02-100806 (D10) | YES | 02-100806 | YES |
| Building E (Classrooms) | All nine (9) Building E classrooms are portable buildings at the south end of campus. Classrooms E2 through E7, along with the portable restroom building, were relocated to their current location under 02-100806. | 56111 (E1) 02-100806 (E2) 65807 (E3) 02-100806 (E4) 02-100806 (E5) 02-100806 (E6) 48469 (E7) 66441 (E8) 41826 (E9) 57890 (Restroom) | YES | 02-100806 (E2-E7, and RR only) | YES |
| Admin / Library | Added to the campus in 2001, this building houses school administration offices and the library. | 02-101092 | YES | - | - |
| MP / Gym / Stage / Kitchen | Added to the campus in 2001, this contains the MP / Gym, Stage, Toilets, Kitchen, and miscellaneous storage and support rooms. | 02-101092 | YES | - | - |

GREEN VALLEY ELEMENTARY SCHOOL

CLASSROOMS AND STUDENT USED INSTRUCTIONAL SPACES INVENTORY

| ROOM NUMBER | ROOM TYPE | ROOM USAGE | CURRENT GRADE 2018-2019 | PERM | PORT | ROOM SQ FT | L | NL | P | C | LOADING * | | |
|---------------|--------------|--------------------|-------------------------|-----------|-----------|------------|-----------|----------|----------|----------|-----------|------------|------------|
| | | | | | | | | | | | IDEAL | MAXIMUM | |
| K-1 | K Classroom | Kindergarten | K | 1 | | 1,748 | 1 | | | | | 24 | 28 |
| K-2 | K Classroom | Kindergarten | K | 1 | | 1,748 | 1 | | | | | 24 | 28 |
| B-1 | Classroom | Kindergarten | K | 1 | | 960 | 1 | | | | | 24 | 28 |
| B-2 | Classroom | Learning Center | - | 1 | | 900 | | | 1 | | | - | - |
| B-3 | Classroom | Preschool (County) | Preschool | 1 | | 900 | | | | 1 | | - | - |
| B-4 | Classroom | TK | TK | 1 | | 960 | 1 | | | | | 20 | 28 |
| C-1 | Classroom | Classroom | 4th | 1 | | 938 | 1 | | | | | 28 | 30 |
| C-2 | Classroom | Classroom | 4th / 5th | 1 | | 956 | 1 | | | | | 28 | 30 |
| C-3 | Classroom | Classroom | 5th | 1 | | 938 | 1 | | | | | 28 | 30 |
| C-4 | Classroom | Classroom | 4th | 1 | | 952 | 1 | | | | | 28 | 30 |
| C-5 | Classroom | Classroom | 5th | 1 | | 956 | 1 | | | | | 28 | 30 |
| C-6 | Classroom | Classroom | 5th | 1 | | 952 | 1 | | | | | 28 | 30 |
| D-1 | Classroom | Classroom | 1st | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-2 | Classroom | Classroom | 1st | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-3 | Classroom | Classroom | 1st | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-4 | Classroom | Classroom | 2nd | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-5 | Classroom | Classroom | 2nd | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-6 | Classroom | Classroom | 2nd | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-7 | Classroom | Classroom | 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-8 | Classroom | Classroom | 2nd / 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-9 | Classroom | Classroom | 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| E-1 | Classroom | Music | - | | 1 | 960 | | | 1 | | | - | 28 |
| E-2 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-3 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-4 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-5 | Classroom | Extended Day | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-6 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-7 | Classroom | PE | - | | 1 | 960 | | | 1 | | | - | 28 |
| E-8 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-9 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| Comp Lab | Computer Lab | Computer Lab | - | 1 | | 782 | | | | 1 | | - | - |
| D-10 | Counselor | Counselor | - | 1 | | 384 | | 1 | | | | - | - |
| Speech | Office | Speech Specialist | - | 1 | | 223 | | 1 | | | | - | - |
| MP | MP | MP / Gym | - | 1 | | 4,494 | | 1 | | | | - | - |
| Stage | Stage | Stage | - | 1 | | 840 | | 1 | | | | - | - |
| Library | Library | Library | - | 1 | | 2,106 | | 1 | | | | - | - |
| TOTALS | | | | 12 | 18 | | 19 | 7 | 3 | 1 | | 620 | 796 |

* LOADING NUMBER TOTALS DO NOT EQUAL CURRENT ENROLLMENT. 2018-2019 ENROLLMENT LISTED FOR THIS CAMPUS IS PER CDE DATAQUEST DATABASE.

SPACES SHOWN IN ORANGE ARE NOT COUNTED TOWARDS CLASSROOM TOTALS.

GREEN VALLEY ELEMENTARY SCHOOL

ADMINISTRATION / SUPPORT SPACE INVENTORY

| BUILDING | ROOM NUMBER / TYPE | ROOM USAGE | PERM | PORT | ROOM SQ FT |
|--------------------------|---|-------------------|------|------|------------|
| A | Offices, Work Rooms, Storage, Restrooms | Administration | 1 | | 1,920 |
| | Work Room | Teacher Work Room | | | 677 |
| B | Storage, Mechanical, Janitor | Support Spaces | 1 | | 339 |
| | Restrooms | Restrooms | | | 460 |
| C | Work Room | Teacher Work Room | 1 | | 522 |
| D (D-1 to D-3) | Work Room | Teacher Work Room | 1 | | 384 |
| D (D-4 to D-6) | Work Room | Teacher Work Room | 1 | | 384 |
| D (D-7 to D-10) | Work Room | Teacher Work Room | 1 | | 384 |
| E | Restroom | Restroom | | 1 | 480 |
| | Kitchen | Kitchen | | | 450 |
| MP | Storage, Mechanical, Janitor, Electrical | Support Spaces | 1 | | 1,350 |
| | Restrooms | Restrooms | | | 1,024 |
| Administration / Library | Main Administration, Offices, Work Rooms, Nurse, Storage, Restrooms | Administration | 1 | | 1,765 |

GREEN VALLEY ELEMENTARY SCHOOL

PHOTOS OF EXISTING CAMPUS



VIEW OF ADMIN / LIBRARY AT MAIN ENTRANCE



VIEW OF ADMIN / LIBRARY AT MAIN ENTRANCE



VIEW OF ADMIN / LIBRARY TOWARDS DROP OFF AREA



VIEW OF MP / GYM



VIEW OF OUTDOOR DINING AREA BEHIND MP / GYM



VIEW OF OUTDOOR DINING AREA BEHIND MP / GYM



VIEW OF RELOS ADJACENT PLAYFIELDS



VIEW OF RELOS ADJACENT PLAYFIELDS



VIEW OF PLAYFIELDS

GREEN VALLEY ELEMENTARY SCHOOL

AREAS OF DEFICIENCY



NO STRUCTURE TO COVER STUDENTS WHEN WAITING TO BE PICKED UP



UNEVEN CONCRETE AT OUTDOOR DINING AREA



UNEVEN CONCRETE AT OUTDOOR DINING AREA



AGING RELOCATABLES IN NEED OF REPLACEMENT



PLAYFIELDS NEED RENOVATION



GREEN VALLEY ELEMENTARY SCHOOL

SITE ANALYSIS

After reviewing the site, and discussing the needs with District and site staff, we arrived with the following list, with the most pressing needs listed first:

SUMMARY OF NEEDS:

- Kindergarten Classrooms
- Student Drop Off Area
- Outdoor Dining
- Replace Aging Relos
- Playfield Renovation
- POT Upgrades
- Hardcourt Renovation
- Fire Alarm, Electrical Infrastructure, and Technology Upgrades

1. An additional Kindergarten classroom is needed, ideally in close proximity to the existing Kindergarten Classrooms (K-1, K-2), to allow for program consistency, ease of combining classes for programs and presentations, and to enable sharing the dedicated Kindergarten play area.
2. Parent drop off and pick up for this campus is in an unprotected location. Students waiting for pickup are subjected to inclement weather or excessive heat.
3. This campus has a large percentage of relocatable classrooms, 60% of all classrooms on the campus. Also, multiple relocatable buildings on this campus are aging, and many are unused as classrooms due to deterioration.
4. The outdoor dining area adjacent to the MP building, containing the kitchen, is in need of modernization and upgrading. The current concrete is extremely uneven, due to tree roots growing up through the cracks, and is a safety hazard for students.
5. All public schools are required to have a campus Path-of-Travel (POT) which meets ADA and CBC (California Building Code) requirements. Multiple portions of the POT on this campus are non-compliant and are required to be upgraded.
6. The playfields on this campus are inadequate and in need of renovation and expansion.
7. Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling and upgrades, are needed.
8. To plan for the future, solar panels could be added to the campus. There are multiple areas where panels could be installed.

GREEN VALLEY ELEMENTARY SCHOOL

PROPOSED WORK

The proposed changes to this campus, addressing the needs on the previous page, are listed in two phases, as described below and shown on the following pages:

PHASE 1 – KINDERGARTEN REMODEL / ADMINISTRATION EXPANSION / SHADE STRUCTURES

This phase consists of the following, which address many of the deficiencies shown on the previous page:

- Remodel Building A, changing this buildings usage from an Administration / Staff usage, to a Kindergarten classroom. This will keep all Kindergarten classrooms in the same area of the campus, to enable all students to easily access the Kindergarten playarea.
- Addition to the existing Administration building, moving these facilities from Building A to the Admin / Library building at the main campus drop-off area. This will consolidate all administration and staff areas into one cohesive location, which will benefit all campus staff.
- Installation of a covered walk, connecting the Administration to the MP building, and to create a protected area for students while waiting parent pick up.
- Relocation or removal of two (2) portable buildings, to allow for renovation and expansion of parking.
- Relocation of play structure.
- Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling upgrades.

PHASE 2 – NEW CLASSROOM BUILDING / CAMPUS UNIFICATION

The work we recommend for this phase consists of:

- Replacement of aging portable classroom building pods, with two new permanent classroom building. These buildings will be constructed currently where the “D” building classroom pods are located.
- Removal of all “E” building portables, adjacent the grass playfield.
- Expansion of hard court play area.
- Installation of Solar Panels, if desired.

GREEN VALLEY ELEMENTARY SCHOOL

ESTIMATED COSTS

| PHASE OF WORK | TOTAL ESTIMATED PROJECT COST | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS |
|---|------------------------------|------------------------|-----------------------------------|
| PHASE 1 - KINDERGARTEN REMODEL / ADMINISTRATION EXPANSION / SHADE STRUCTURE | | | |
| <ul style="list-style-type: none"> • REMODEL PORTION OF BUILDING A TO HOUSE A NEW KINDERGARTEN CLASSROOM. • ADD TEACHER WORK ROOM / LOUNGE TO ADMIN / LIBRARY BUILDING E. • ADD COVERED CANOPY AT PICK-UP / DROP-OFF AREA. • CAMPUS WIDE FIRE ALARM UPGRADES, ELECTRICAL UPGRADES, LOW VOLTAGE UPGRADES AND CABLING. | \$ 4,484,156.67 | \$ 2,732,290.00 | \$ 1,751,866.67 |
| PHASE 2 - NEW CLASSROOM BUILDING / CAMPUS UNIFICATION | | | |
| <ul style="list-style-type: none"> • CONSTRUCT TWO CLASSROOM BUILDINGS NORTH OF THE ASPHALT PLAY AREA, WHICH WILL ALLOW FOR REMOVAL OF D BUILDINGS THAT CONSIST OF AGING RELOS CONNECTED TO STICK BUILT CENTER ADMIN AREAS, AS WELL AS AGING RELOS AT THE SOUTHERN END OF THE SITE. • REMOVAL OF EIGHT (8) BUILDING "E" PORTABLES ON THE SOUTH SIDE OF THE SITE. • RENOVATE EXISTING GRASS PLAYFIELDS. • EXPANSION OF HARD COURT PLAY AREAS. • ADDITION OF SOLAR PANELS (COST NOT INCLUDED). | \$ 9,900,000.00 | - | \$ 9,900,000.00 |
| TOTAL | \$ 14,384,156.67 | \$ 2,732,290.00 | \$ 11,651,866.67 |

GREEN VALLEY ELEMENTARY SCHOOL

EXISTING SITE - AERIAL



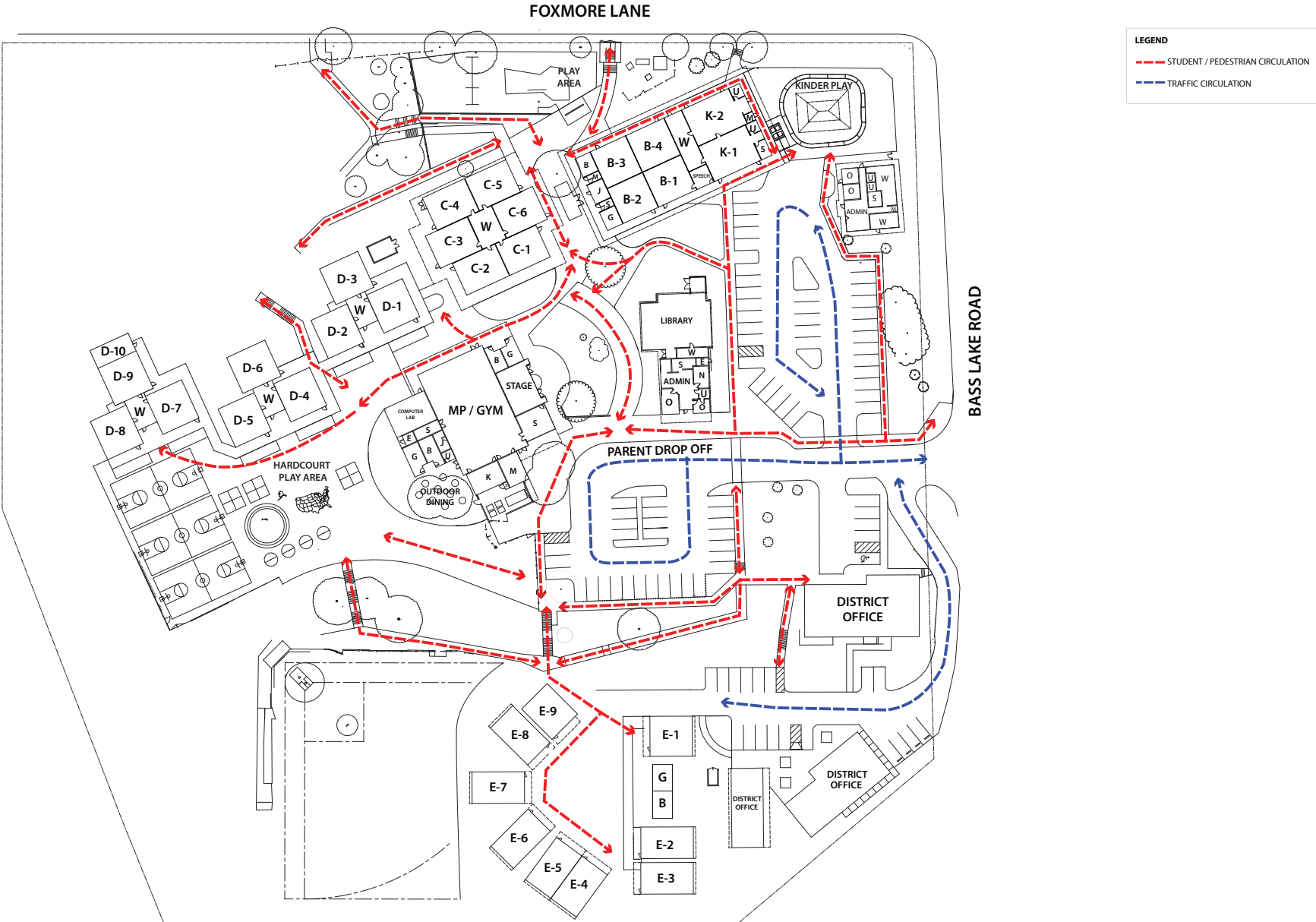
GREEN VALLEY ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS DIAGRAM



GREEN VALLEY ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS CIRCULATION



GREEN VALLEY ELEMENTARY SCHOOL

PHASE ONE

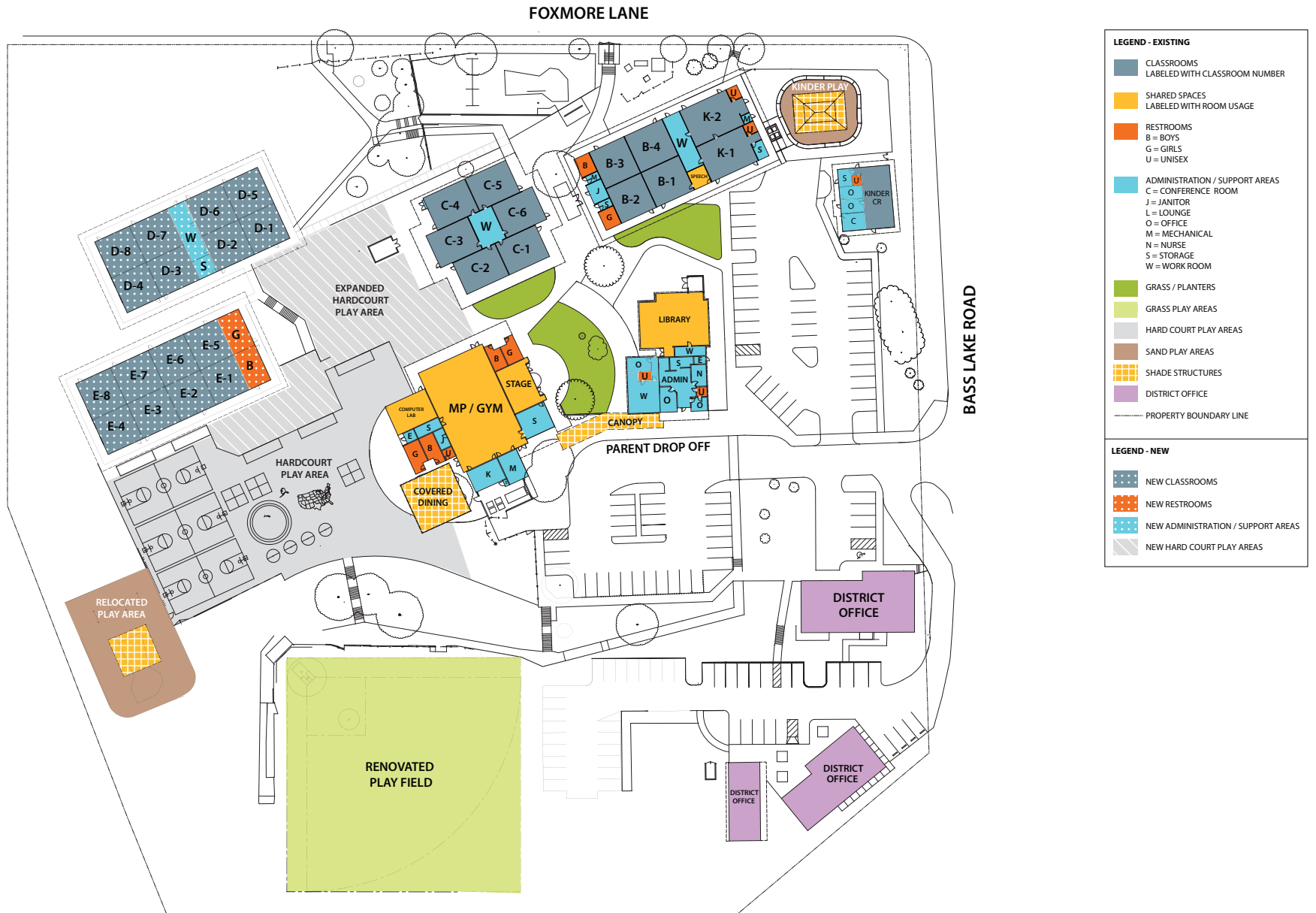


| LEGEND - EXISTING | |
|----------------------|---|
| [Blue Box] | CLASSROOMS LABELED WITH CLASSROOM NUMBER |
| [Yellow Box] | SHARED SPACES LABELED WITH ROOM USAGE |
| [Orange Box] | RESTROOMS B = BOYS G = GIRLS U = UNISEX |
| [Light Blue Box] | ADMINISTRATION / SUPPORT AREAS C = CONFERENCE ROOM J = JANITOR L = LOUNGE O = OFFICE M = MECHANICAL N = NURSE S = STORAGE W = WORK ROOM |
| [Green Box] | GRASS / PLANTERS |
| [Light Green Box] | GRASS PLAY AREAS |
| [Grey Box] | HARD COURT PLAY AREAS |
| [Brown Box] | SAND PLAY AREAS |
| [Yellow Hatched Box] | SHADE STRUCTURES |
| [Purple Box] | DISTRICT OFFICE |
| [Dashed Line] | PROPERTY BOUNDARY LINE |

| LEGEND - NEW | |
|-------------------------|------------------------------------|
| [Blue Dotted Box] | NEW CLASSROOMS |
| [Orange Dotted Box] | NEW RESTROOMS |
| [Light Blue Dotted Box] | NEW ADMINISTRATION / SUPPORT AREAS |
| [Yellow Hatched Box] | NEW SHADE STRUCTURES |
| [Grey Dotted Box] | NEW ASPHALT PAVING |

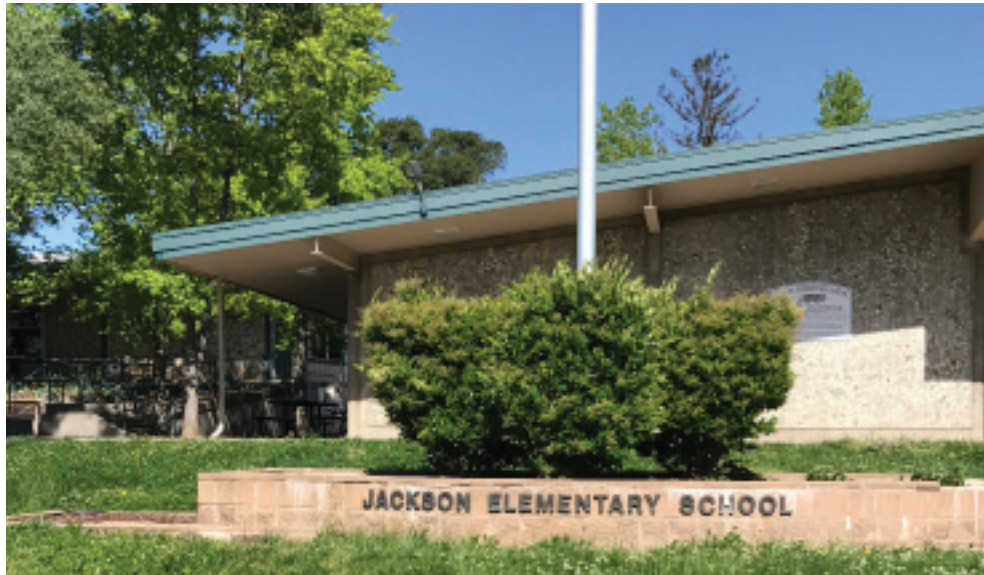
GREEN VALLEY ELEMENTARY SCHOOL

PHASE TWO



JACKSON ELEMENTARY SCHOOL

CAMPUS INFORMATION



Jackson Elementary School was opened in 1967, and is located on a 9.9 acre site on Francisco Boulevard in El Dorado Hills.

The facility has 17 permanent classrooms, 13 portable classrooms, library, multi-purpose building including a kitchen, stage, and outdoor amphitheater, administration area (in a shared building with Kindergarten classrooms), playfields and hardcourt play area.

There were 482 students enrolled for the 2018/2019 school year (not including any students in EDCOE programs).

QUICK FACTS

Location: 2561 Francisco Drive
El Dorado Hills, CA 95672
(916) 933-1828

Website: www.myjacksonelementary.com

Grades: TK - 5th

2018 / 2019 Enrollment: 482 Students
- 95 in TK - Kindergarten
- 218 in 1st - 3rd Grade
- 169 in 4th - 5th Grade

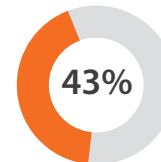
Total Sq. Ft. of Buildings: 43,665

Total Acres of Campus: 9.9

APN #: 069-140-01

PORTABLE CLASSROOMS

THIS CAMPUS HAS 13 PORTABLE CLASSROOMS AND



OF CLASSROOMS ARE PORTABLES

CLASSROOM USAGE

THIS CAMPUS HAS 30 CLASSROOMS, CURRENTLY USED AS LISTED AND SHOWN BELOW:

| | |
|----|------------|
| 22 | LOADED |
| 3 | PULL OUT |
| 1 | COUNTY |
| 4 | NOT LOADED |

| | | | | |
|---|----|----|----|----|
| C | NL | NL | NL | NL |
| L | L | P | P | P |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |

JACKSON ELEMENTARY SCHOOL

BUILDING INFORMATION

Listed in the table below, are the original and any associated modernization DSA Application numbers for all buildings on the campus.

| BUILDING / CLASSROOM | DESCRIPTION | ORIGINAL DSA APP # | CLOSED AND CERTIFIED BY DSA | MOD DSA APP # | CLOSED AND CERTIFIED BY DSA |
|---|---|---|-----------------------------|-----------------------|-----------------------------|
| Kindergarten / Administration Building | Original building was constructed in 1967, housing three (3) Kindertarten classrooms, restrooms, and all Administration offices. Modernization was completed in 2006 which provided walls (instead of folding partitions) in Kindergarten classroom sizes, upgraded portions of the flooring, and made miscellaneous upgrades to Admin. | 25934 | YES | 02-106793 | YES |
| Building A (Classrooms) | Original building was constructed in 1968, housing five (5) classrooms, and student restrooms. Modernization was completed in 2006 which decreased classroom sizes to add a central teacher workroom, unisex toilets, and miscellaneous spaces. | 28117 | YES | 02-106793 | YES |
| Building B (Classrooms) | Original building was constructed in 1968, housing five (5) classrooms, and student restrooms. Modernization was completed in 2006 which decreased classroom sizes to add a central teacher workroom, unisex toilets, and miscellaneous spaces. | 28117 | YES | 02-106793 | YES |
| Building C (Library / Admin) | Original building was constructed in 1997, which includes a main library, classrooms, computer labs, toilets, and miscellaneous spaces. A modernization was completed in 2006 which expanded the teacher work room and made minimal upgrades to classrooms. | 40212 | YES | 02-106793 | YES |
| Building D (Classrooms) | Relocatable classrooms D1 and D2 were placed on site in 1996, and D3 and D4 were placed on site in 1997. | 65350 (D1 / D2) 66441 (D3) 66441 (D4) | NO | - | - |
| Building F (Classrooms) | Relocatable classrooms F1 through F6 were placed on site in 1996. Relos F7 and F8 were originally placed on site in 1986, and were moved to a new location on site in 1988. | 02-100596 (F1-F6) 47711 (F7) 47711 (F8) | YES | 02-101454 (F7 and F8) | YES |
| MP / Gym / Stage / Kitchen (Building E) | The MP / Gym building was consturcted in 1998, and houses the cafeteria, gymnasium, kitchen and outdoor stage. | 64639 | YES | - | - |

JACKSON ELEMENTARY SCHOOL

CLASSROOM AND STUDENT USED INSTRUCTIONAL SPACES INVENTORY

| ROOM NUMBER | ROOM TYPE | ROOM USAGE | CURRENT GRADE 2018-2019 | PERM | PORT | ROOM SQ FT | L | NL | P | C | LOADING * | | |
|---------------|---------------|---------------------------|-------------------------|-----------|-----------|------------|-----------|----------|----------|----------|-----------|------------|------------|
| | | | | | | | | | | | IDEAL | MAXIMUM | |
| ADM1 | K Classroom | Kindergarten | K | 1 | | 1,000 | 1 | | | | | 24 | 28 |
| ADM2 | K Classroom | Kindergarten | K | 1 | | 1,233 | 1 | | | | | 24 | 28 |
| ADM3 | K Classroom | Classroom | 1st | 1 | | 1,000 | 1 | | | | | 24 | 28 |
| A-1 | Classroom | Classroom | 2nd | 1 | | 808 | 1 | | | | | 24 | 28 |
| A-2 | Classroom | Classroom | 2nd | 1 | | 808 | 1 | | | | | 24 | 28 |
| A-3 | Classroom | Classroom | 1st | 1 | | 808 | 1 | | | | | 24 | 28 |
| A-4 | Classroom | Classroom | 1st | 1 | | 808 | 1 | | | | | 24 | 28 |
| A-5 | Classroom | Classroom | 2nd | 1 | | 808 | 1 | | | | | 24 | 28 |
| B-1 | Classroom | Classroom | 3rd | 1 | | 808 | 1 | | | | | 24 | 28 |
| B-2 | Classroom | Resource | - | 1 | | 808 | | 1 | | | | - | 28 |
| B-3 | Classroom | SDC Classroom | - | 1 | | 808 | 1 | | | | | 15 | 15 |
| B-4 | Classroom | Classroom | 3rd | 1 | | 808 | 1 | | | | | 24 | 28 |
| B-5 | Classroom | Classroom | 3rd | 1 | | 808 | 1 | | | | | 24 | 28 |
| C-1 | Classroom | Kindergarten | K | 1 | | 937 | 1 | | | | | 24 | 28 |
| C-2 | Classroom | Pre-School | TK | 1 | | 890 | 1 | | | | | 20 | 28 |
| C-6 | Classroom | Transitional Kindergarten | TK | 1 | | 890 | 1 | | | | | 20 | 28 |
| C-7 | Classroom | MA Classroom (County) | - | 1 | | 897 | | | | 1 | | - | - |
| D-1 | Classroom | Music / Band | - | | 1 | 960 | | | 1 | | | - | 28 |
| D-2 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | - | 28 |
| D-3 | Classroom | PE / Extended Day | 4th / 5th | | 1 | 960 | | | 1 | | | - | 28 |
| D-4 | Classroom | Extended Day | - | | 1 | 960 | | 1 | | | | - | 28 |
| D-5 | Classroom | Art / Science / Counselor | - | | 1 | 960 | | | 1 | | | - | 28 |
| F-1 | Classroom | SDC Classroom | - | | 1 | 960 | 1 | | | | | 15 | 15 |
| F-2 | Classroom | Classroom | 4th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-3 | Classroom | Classroom | 4th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-4 | Classroom | Classroom | 4th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-5 | Classroom | Classroom | 5th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-6 | Classroom | Classroom | 5th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-7 | Classroom | Classroom | 5th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-8 | Classroom | Vacant | - | | 1 | 960 | | 1 | | | | - | 28 |
| Building E | Multi-purpose | MP/Gym/Cafeteria | - | 1 | | 6,071 | | 1 | | | | - | - |
| Building C | Library | Library | - | 1 | | 1,279 | | 1 | | | | - | - |
| Building C | Office | Speech Specialist | - | 1 | | 172 | | 1 | | | | - | - |
| | Computer Lab | Computer Lab | - | 1 | | 942 | | | | 1 | | - | - |
| TOTALS | | | | 17 | 13 | | 22 | 4 | 3 | 1 | | 526 | 798 |

* LOADING NUMBER TOTALS DO NOT EQUAL CURRENT ENROLLMENT. 2018-2019 ENROLLMENT LISTED FOR THIS CAMPUS IS PER CDE DATAQUEST DATABASE.

SPACES SHOWN IN ORANGE ARE NOT COUNTED TOWARDS CLASSROOM TOTALS.

JACKSON ELEMENTARY SCHOOL

ADMINISTRATION AND SUPPORT SPACE INVENTORY

| BUILDING | ROOM NUMBER / TYPE | ROOM USAGE | PERM | PORT | SQ FT |
|----------|---|-------------------|------|------|-------|
| Admin | Administration, Offices, Work Rooms, Storage, Restrooms | Administration | 1 | | 1,660 |
| | Teacher Work Room | Teacher Work Room | | | 400 |
| A | Restrooms | Restrooms | 1 | | 426 |
| | Storage, Janitor | Support Spaces | | | 157 |
| | Teacher Work Room | Teacher Work Room | | | 400 |
| B | Restrooms | Restrooms | 1 | | 426 |
| | Storage, Janitor | Support Spaces | | | 157 |
| | Restrooms | Restrooms | | | 450 |
| C | Office | Office | 1 | | 165 |
| | Kitchen | Kitchen | | | 530 |
| MP | Storage, Mechanical, Janitor, Electrical | Support Spaces | 1 | | 1,143 |
| | Restrooms | Restrooms | | | 553 |

JACKSON ELEMENTARY SCHOOL

PHOTOS OF EXISTING CAMPUS



VIEW OF MAIN ENTRANCE



VIEW OF MAIN ENTRANCE



VIEW OF ADMINISTRATION BUILDING



VIEW OF BUILDING A



VIEW FROM CENTER OF CAMPUS TOWARDS MP BUILDING



VIEW OF CLASSROOM BUILDINGS F



VIEW OF MULTIPURPOSE BUILDING



VIEW OF CLASSROOM BUILDINGS D AND ASPHALT PLAY AREA



VIEW OF PLAYFIELDS AND MULTIPURPOSE BUILDING

JACKSON ELEMENTARY SCHOOL

AREAS OF DEFICIENCY



ASPHALT CRACKING AND DAMAGE AT MAIN DROP OFF



PEELING ASPHALT AT PLAY AREA NEAR F RELOS



DRAINAGE PROBLEMS AT GRASS PLAY AREA NEAR F RELOS



NON COMPLIANT PATH OF TRAVEL TO BUILDING F RELOS



NON COMPLIANT PATH OF TRAVEL TO F RELOS / LOWER PLAY AREA



NON COMPLIANT PATH OF TRAVEL TO D RELOS



DAMAGED PATH, GRASS OVERGROWTH



DAMAGED / CRACKED HARD COURT PLAY AREA



NON COMPLIANT BUS DROP OFF AREA

JACKSON ELEMENTARY SCHOOL

SITE ANALYSIS

After reviewing the site, and discussing the needs with District and site staff, we arrived with the following list, with the most pressing needs listed first:

SUMMARY OF NEEDS:

- Replace Aging Relos
- Student Drop Off Area
- POT Upgrades
- Playfield Renovation
- Hardcourt Renovation
- Fire Alarm, Electrical Infrastructure, and Technology Upgrades

1. This campus has multiple relocatable buildings, which are aging and in need of replacement. The most cost effective way to accomplish this is to build permanent classrooms.
2. Asphalt paving at parent drop off is cracking and uneven, and does not meet CBC and ADA accessibility requirements.
3. Multiple areas of the path of travel (POT) are non compliant and in need of renovation.
4. Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling and upgrades, are needed.
5. The grass playfields are in need of renovation. There is a parking area next to the playfields that could be paved and the field and lot could be used by the community for local sporting events.
6. The Kindergarten classrooms are undersized. The California Department of Education (CDE) recommends 1,350 square feet per classroom for Kindergarten, and rooms ADM1 and ADM3 only provide 866 square feet per classroom. If the shared vestibule and toilets are included, it would add 133 square feet per classroom each room would total approximately 1,000 square feet, which is still markedly undersized. ADM2 is approximately 1,100 square feet, for a total of 1,233 square feet if the shared vestibule and toilets are included in the square footage.
7. Classrooms in Building A and Building B are also undersized. CDE recommends 960 minimum square feet per classroom, while the classrooms in both Buildings A and B are around 830 square feet.
8. To plan for the future, solar panels could be added to the campus, if desired by the District.

JACKSON ELEMENTARY SCHOOL

PROPOSED WORK

The proposed changes to this campus, addressing the needs on the previous page, are listed in two phases, as described below and shown on the following pages:

PHASE 1 - FRONT DROP OFF / SHADE STRUCTURE

The work we recommend for this phase consists of:

- Asphalt paving fix and addition of a shade structure / canopy at the front of campus / parent drop-off area to protect students in inclement weather.

PHASE 2 – NEW CLASSROOM BUILDINGS / CAMPUS UNIFICATION

The work we recommend for this phase consists of:

- Replacement of aging “F” portable classroom buildings with a new permanent classroom building.
- Addition of a band classroom and stage to the existing MP building.
- Relocation of existing outdoor amphitheater, to allow for the new band classroom and outdoor stage to be added to the MP building.
- Repaving of hard court play areas where current relocatable buildings reside.
- Expand existing play structure area.
- Renovation and expansion of grass playfields.
- Asphalt paving of additional parking lot adjacent to new grass playfields to allow for ease of community use.
- Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling upgrades.
- Installation of Solar Panels, if desired.

POSSIBLE FUTURE PHASES

Additional work that could be completed in future phases consist of:

- Modernization or replacement of Kindergarten Classroom Building, as well as Classroom Buildings A and B, to expand classroom sizes.
- Replacement of aging “D” portables with a new permanent classroom building.

JACKSON ELEMENTARY SCHOOL

ESTIMATED COSTS

| PHASE OF WORK | TOTAL ESTIMATED PROJECT COST | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS |
|---|------------------------------|------------------------|-----------------------------------|
| PHASE 1 – FRONT DROP OFF / SHADE STRUCTURE | | | |
| <ul style="list-style-type: none"> ASPHALT PAVING FIX AND ADDITION OF A SHADE STRUCTURE AT THE FRONT OF CAMPUS / PARENT DROP-OFF AREA, TO PROTECT STUDENTS FROM INCLEMENT WEATHER. | \$ 378,000.00 | - | \$ 378,000.00 |
| PHASE 2 – NEW CLASSROOM BUILDINGS / CAMPUS UNIFICATION | | | |
| <ul style="list-style-type: none"> REPLACEMENT OF AGING "F" PORTABLE CLASSROOM BUILDINGS WITH A NEW PERMANENT CLASSROOM BUILDING. ADDITION OF A BAND CLASSROOM AND OUTDOOR STAGE TO THE EXISTING MP BUILDING. RELOCATION / RENOVATION OF EXISTING OUTDOOR AMPHITHEATER TO ALLOW FOR THE NEW BAND CLASSROOM AND OUTDOOR STAGE TO BE ADDED TO THE EXISTING MP BUILDING. ASPHALT PAVING FIX AND ADDITION OF A SHADE STRUCTURE AT THE FRONT OF CAMPUS / PARENT DROP-OFF AREA, TO PROTECT STUDENTS FROM INCLEMENT WEATHER. CAMPUS WIDE FIRE ALARM UPGRADES, ELECTRICAL UPGRADES, LOW VOLTAGE UPGRADES AND CABLING. RENOVATE EXISTING GRASS PLAYFIELDS. ASPHALT PAVING OF ADDITIONAL PARKING LOT ADJACENT TO NEW GRASS PLAYFIELDS TO ALLOW FOR EASE OF COMMUNITY USE. ADDITION OF SOLAR PANELS (COST NOT INCLUDED). | \$ 9,480,000.00 | \$ 1,272,456.00 | \$ 8,207,544.00 |
| TOTAL | \$ 9,858,000.00 | \$ 1,272,456.00 | \$ 8,585,544.00 |

JACKSON ELEMENTARY SCHOOL

EXISTING SITE - AERIAL



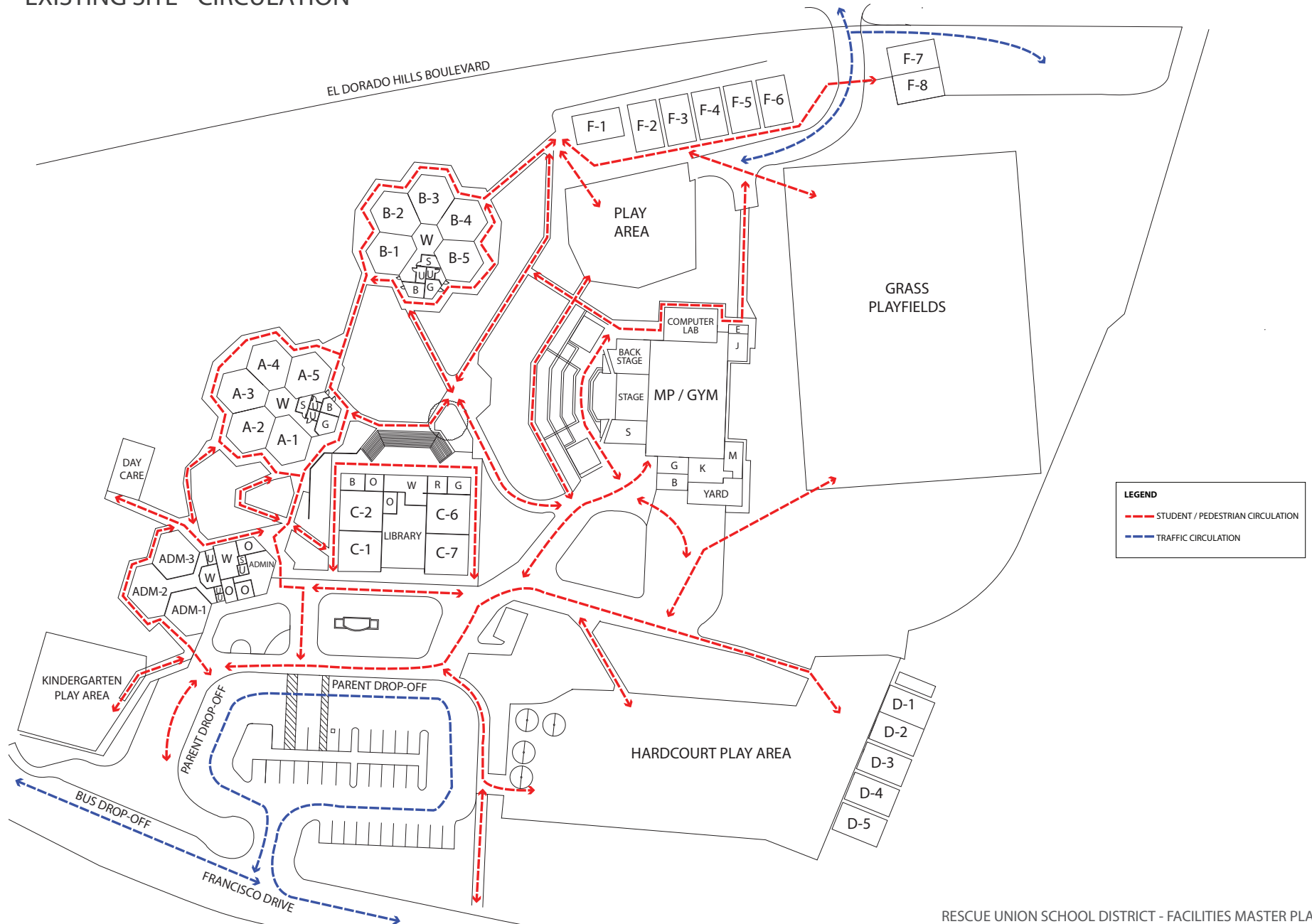
JACKSON ELEMENTARY SCHOOL

EXISTING SITE - DIAGRAM



JACKSON ELEMENTARY SCHOOL

EXISTING SITE - CIRCULATION



JACKSON ELEMENTARY SCHOOL

PHASE ONE



JACKSON ELEMENTARY SCHOOL

PHASE TWO



| LEGEND - EXISTING | |
|---|--|
| | CLASSROOMS LABELED WITH CLASSROOM NUMBER |
| | SHARED SPACES LABELED WITH ROOM USAGE |
| | RESTROOMS B = BOYS G = GIRLS U = UNISEX |
| | ADMINISTRATION / SUPPORT AREAS C = CONFERENCE ROOM J = JANITOR L = LOUNGE O = OFFICE M = MECHANICAL N = NURSE S = STORAGE ROOM W = WORK ROOM |
| | SHADE STRUCTURES |
| | GRASS / PLANTERS |
| | GRASS PLAY AREAS |
| | HARD COURT PLAY AREAS |
| LEGEND - NEW | |
| | NEW CLASSROOMS |
| | NEW ADMIN AREAS |
| | NEW RESTROOMS |
| | NEW GRASS PLAY AREAS |
| | NEW ASPHALT PAVING |

LAKE FOREST ELEMENTARY SCHOOL

CAMPUS INFORMATION



Lake Forest Elementary School is located on Francisco Drive in El Dorado Hills, directly adjacent to Marina Village Middle School. Lake Forest was opened as a starter school in the fall of 1990, in relocatable classrooms on the 8.3 acre site. The permanent school was completed in July of 1994, and serves students from TK through fifth grade.

The facility has 10 permanent classrooms, 17 portable classrooms, library, multi-purpose building including a kitchen and stage, administration building, and hardcourt play area. The playfields for this site are shared with the adjacent campus, Marina Village Middle School.

There were 409 students enrolled for the 2018/2019 school year (not including any students in EDCOE programs).

QUICK FACTS

Location: 2240 Sailsbury Drive
El Dorado Hills, CA 95672
(916) 933-0652

Website: www.lakeforestlakers.com

Grades: TK - 5th

2018 / 2019 Enrollment: 409 Students
- 80 in TK - Kindergarten
- 194 in 1st-3rd Grade
- 135 in 4th-5th Grade

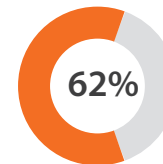
Total Sq. Ft. of Buildings: 43,127

Total Acres of Campus: 8.3

APN #: 106-700-07

PORTABLE CLASSROOMS

THIS CAMPUS HAS 17 PORTABLE CLASSROOMS AND 10 PERMANENT CLASSROOMS

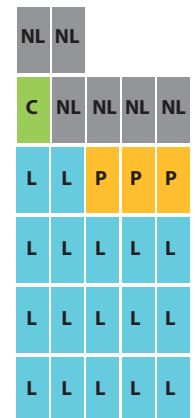


OF CLASSROOMS ARE PORTABLES

CLASSROOM USAGE

THIS CAMPUS HAS 27 CLASSROOMS, CURRENTLY USED AS LISTED AND SHOWN BELOW:

17 LOADED
3 PULL OUT
1 COUNTY
6 NOT LOADED



LAKE FOREST ELEMENTARY SCHOOL

BUILDING INFORMATION

Listed in the table below, are the original and any associated modernization DSA Application numbers for all buildings on the campus.

| BUILDING / CLASSROOM | DESCRIPTION | ORIGINAL DSA APP # | CLOSED AND CERTIFIED BY DSA | MOD DSA APP # | CLOSED AND CERTIFIED BY DSA |
|---|---|--|-----------------------------|---------------|-----------------------------|
| Building A (Kindergarten / Library) | Constructed in 1991, this building houses the library, two Kindergarten classrooms, restrooms, and miscellaneous support spaces. | 55598 | YES | - | - |
| Building B (Classrooms) | Constructed in 1991, this building houses eight classrooms, and miscellaneous support spaces. | 55598 | YES | - | - |
| Buildings C (Classrooms C-1, C-2, C-3, C-4) | Part of the original campus, constructed in 1990, Building C consists of three portable buildings, containing four (4) classrooms. | 53531 | YES | - | - |
| Buildings D (Classrooms D-1, D-2, D-3) | Part of the original campus, Building E consists of one portable building, containing two (2) classrooms. | 53531 | YES | - | - |
| Buildings E (E-1, E-2) | Part of the original campus, constructed in 1990, Building C consists of two portable buildings, containing three (3) classrooms. | 53531 | YES | - | - |
| Restroom | This relocatable restroom was placed on site in 2000, and houses girl's and boy's restrooms. | 02-101180 | YES | - | - |
| Building F (Classrooms) | These relocatable classrooms were placed on site from 1991 to 1995. | 53531 (F-1, F-2) NON CONFORMING (F-3, F-7) 57591 (F-4) 66380 (F-5, F-6) 41826 (F-8, F-9) | YES | - | - |
| Administration | Constructed in 1991, this building houses all administration for the campus. | 55598 | YES | - | - |
| MP / Gym / Kitchen | Constructed in 1991, this building contains the MP/Gym/Cafeteria, kitchen, stage, computer room, toilets, and miscellaneous support spaces. A small roof and ceiling modernization was completed in 2010 due to roof fire damage over the stage area. | 55598 | YES | 02-111549 | YES |

LAKE FOREST ELEMENTARY SCHOOL

CLASSROOM AND STUDENT USED INSTRUCTIONAL SPACES INVENTORY

| ROOM NUMBER | ROOM TYPE | ROOM USAGE | CURRENT GRADE 2018-2019 | PERM | PORT | ROOM SQ FT | L | NL | P | C | LOADING * | | |
|---------------|------------------------|-----------------------------|-------------------------|-----------|-----------|------------|-----------|----------|----------|----------|-----------|------------|------------|
| | | | | | | | | | | | IDEAL | MAXIMUM | |
| A-1 | Kindergarten Classroom | Kindergarten | K | 1 | | 1,114 | 1 | | | | | 24 | 28 |
| A-2 | Kindergarten Classroom | Kindergarten | K | 1 | | 1,114 | 1 | | | | | 24 | 28 |
| B-1 | Classroom | Classroom | TK | 1 | | 960 | 1 | | | | | 20 | 28 |
| B-2 | Classroom | Kindergarten | K | 1 | | 960 | 1 | | | | | 24 | 28 |
| B-3 | Classroom | Classroom | 2nd | 1 | | 960 | 1 | | | | | 24 | 28 |
| B-4 | Classroom | Classroom | 3rd | 1 | | 960 | 1 | | | | | 24 | 28 |
| B-5 | Classroom | Classroom | 4th | 1 | | 960 | 1 | | | | | 28 | 30 |
| B-6 | Classroom | Classroom | 4th / 5th | 1 | | 960 | 1 | | | | | 28 | 30 |
| B-7 | Classroom | Classroom | 4th | 1 | | 960 | 1 | | | | | 28 | 30 |
| B-8 | Classroom | Classroom | 2nd | 1 | | 960 | 1 | | | | | 24 | 28 |
| C-1 | Classroom | Classroom | 5th | | 1 | 960 | 1 | | | | | 28 | 30 |
| C-2 | Classroom | OT / Testing / Enrichment | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| C-3 | Classroom | Classroom | 2nd | | 1 | 960 | 1 | | | | | 24 | 28 |
| C-4 | Classroom | Classroom | 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-1 | Classroom | Classroom | 1st | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-2 | Classroom | Classroom | 1st | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-3 | Classroom | Classroom | 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| E-1 | Classroom | RSP Aide | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-2 | Classroom | RSP | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| F-1 | Classroom | LIP | - | | 1 | 500 | | | 1 | | | - | - |
| F-2 | Classroom | Classroom | 5th | | 1 | 840 | 1 | | | | | 28 | 30 |
| F-3 | Classroom | Science | - | | 1 | 960 | | | 1 | | | 24 | 28 |
| F-4 | Classroom | Extended Day (County) | - | | 1 | 960 | | | | 1 | | - | - |
| F-5 | Classroom | Meeting Room | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| F-6 | Classroom | Music | - | | 1 | 960 | | | 1 | | | - | 28 |
| F-7 | Classroom | PTO | - | | 1 | 960 | | 1 | | | | - | - |
| F-8 | Classroom | Meeting Room | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| F-9 | Classroom | PTC Meeting / Staff Meeting | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| Library | Library | Library | - | 1 | | 1,460 | | 1 | | | | - | - |
| Computer Lab | Computer Lab | Computer Lab | - | 1 | | 840 | | | 1 | | | - | - |
| Stage | Stage | Stage | - | 1 | | 912 | | 1 | | | | - | - |
| MP | MP | MP/Gym/Cafeteria | - | 1 | | 5,184 | | | 1 | | | - | - |
| TOTALS | | | | 10 | 17 | | 17 | 6 | 3 | 1 | | 592 | 710 |

* LOADING NUMBERS ARE PER DISTRICT CONTRACT AGREEMENTS. TOTALS DO NOT EQUAL CURRENT ENROLLMENT NUMBERS PREVIOUSLY LISTED.

SPACES SHOWN IN ORANGE ARE NOT COUNTED TOWARDS CLASSROOM TOTALS.

LAKE FOREST ELEMENTARY SCHOOL

ADMINISTRATION AND SUPPORT SPACE INVENTORY

| BUILDING | ROOM NUMBER / TYPE | ROOM USAGE | PERM | PORT | SQ FT |
|----------------|--|-----------------------|------|------|-------|
| Administration | Administration | Main Office / Waiting | 1 | | 550 |
| | Offices, Nurse, Counselor | Offices | | | 880 |
| | Teacher Work Room | Teacher Work Room | | | 420 |
| | Teacher Lounge | Teacher Lounge | | | 540 |
| | Restrooms | Restrooms | | | 226 |
| | Storage, Janitor | Support Spaces | | | 114 |
| A | Restrooms | Restrooms | 1 | | 523 |
| | Offices / Media Room | Offices / Media Room | | | 1,012 |
| | Storage, Janitor | Support Spaces | | | 200 |
| E | Restrooms | Restrooms | | 1 | 480 |
| MP | Kitchen | Kitchen | 1 | | 460 |
| | Storage, Mechanical, Janitor, Electrical | Support Spaces | | | 1,288 |
| | Restrooms | Restrooms | | | 456 |

LAKE FOREST ELEMENTARY SCHOOL

PHOTOS OF EXISTING CAMPUS



VIEW OF KINDERGARTEN / LIBRARY BUILDING



VIEW OF MAIN OFFICE / KINDERGARTEN BUILDING



VIEW OF PAVED INNERCOURT AT CENTER OF CAMPUS



VIEW OF MP / GYM BUILDING



VIEW OF KINDERGARTEN CLASSROOMS / PLAY AREA



VIEW OF KINDERGARTEN CLASSROOMS / PLAY AREA

LAKE FOREST ELEMENTARY SCHOOL

SITE ANALYSIS

After reviewing the site, and discussing the needs with District and site staff, we arrived with the following list, with the most pressing needs listed first:

SUMMARY OF NEEDS:

- Kindergarten Classroom
- Kindergarten Play Area
- Outdoor Covered Dining
- Replace Aging Relos
- Playfield Renovation
- POT Upgrades
- Hardcourt Renovation
- Fire Alarm, Electrical Infrastructure, and
- Technology Upgrades

1. Standard classrooms are currently being used for TK and Kindergarten classrooms (Classrooms B1 and B-2). Kindergarten classrooms should all have restrooms within the classroom. The campus will need an additional Kindergarten classroom in order to house all students.
2. The Kindergarten play area is in need of upgrades.
3. The campus has a number of aging portable buildings that need to be replaced. The most cost effective solution would be to remove these buildings and construct a permanent classroom building in the footprint of where the F-4 through F-7 are currently located. This would expand the hard court area as well. Also to note, one of the portables (F-7) is a non-conforming building, meaning that DSA (Division of the State Architect) did not approve the placement of this portable on the campus, and students should not be allowed in this building.
4. All public schools are required to have a campus Path-of-Travel (POT) which meets ADA and CBC (California Building Code) requirements. Portions of the POT on this campus are non-compliant and are required to be upgraded. This includes accessible access into public restrooms.
5. The issue with irrigation on the playfields has recently been resolved, but some additional upgrades are still needed, such as a track around the field, and upgrades to the baseball field(s) and spectator seating areas for joint use with local sports events - this is in conjunction with the work going on at Marina Village, as these two campuses share playfields.
6. Students do not have a protected outdoor area where they can eat lunch.
7. Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling and upgrades, are needed.
8. To plan for the future, solar panels could be added to the campus.

LAKE FOREST ELEMENTARY SCHOOL

PROPOSED WORK

The proposed changes to this campus, addressing the needs on the previous page, are listed in two phases, as described below and shown on the following pages:

PHASE 1 – KINDERGARTEN ADDITION / SHADE STRUCTURE

This phase consists of the following, which address many of the deficiencies shown on the previous page:

- Addition of a Kindergarten classroom to the existing Kindergarten building. This will allow for all Kindergarten classrooms to be adjacent to one another, and will provide an additional needed Kindergarten classroom.
- Addition of a paved play area adjacent the new Kindergarten classroom, to enable all Kindergarten students to easily access the shared Kindergarten play area.
- Addition of an outdoor covered dining area attached to the MP / Cafeteria building. This will allow for all students to be protected from weather while eating lunch.
- Required path of travel (POT) upgrades.
- Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling upgrades.

PHASE 2 – CLASSROOM BUILDINGS / CAMPUS UNIFICATION

The work we recommend for this phase consists of:

- Remove aging portable classroom buildings and replace with a new two story permanent classroom building.
- Expansion of hard court play area, which would be available due to the removal of many aging portable classrooms currently on the hard court surface.
- Expansion of play structure.
- Installation of Solar Panles, if desired.

LAKE FOREST ELEMENTARY SCHOOL

ESTIMATED COSTS

| PHASE OF WORK | TOTAL ESTIMATED PROJECT COST | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS |
|--|------------------------------|------------------------|-----------------------------------|
| PHASE 1 - KINDERGARTEN ADDITION / SHADE STRUCTURE | | | |
| <ul style="list-style-type: none"> CONSTRUCTION OF A NEW KINDERGARTEN CLASSROOM, ADDED TO THE EXISTING BUILDING WHICH HOUSES KINDERGARTEN CLASSROOMS AND LIBRARY. EXPANSION OF KINDERGARTEN PLAY YARD. ADDITION OF A NEW SHADE STRUCTURE TO BE USED AS A COVERED DINING AREA, ATTACHED TO THE EXISTING MP / GYM BUILDING. SITE WORK AND PATH OF TRAVEL UPGRADES CAMPUS WIDE FIRE ALARM UPGRADES, ELECTRICAL UPGRADES, LOW VOLTAGE UPGRADES AND CABLING. | \$ 4,680,000.00 | \$ 1,988,626.00 | \$ 2,691,374.00 |
| PHASE 2 - CLASSROOM BUILDINGS / CAMPUS UNIFICATION | | | |
| <ul style="list-style-type: none"> REPLACEMENT OF RELOCATABLE CLASSROOM BUILDINGS WITH A NEW TWO-STORY PERMANENT CLASSROOM BUILDING. EXPANSION OF HARD COURT PLAY AREAS. EXPANSION OF PLAY STRUCTURE. ADDITION OF SOLAR PANELS (COST NOT INCLUDED). | \$ 9,816,000.00 | - | \$ 9,816,000.00 |
| TOTAL | \$ 14,496,000.00 | \$ 1,988,626.00 | \$ 12,507,374.00 |

LAKE FOREST ELEMENTARY SCHOOL

EXISTING SITE - AERIAL



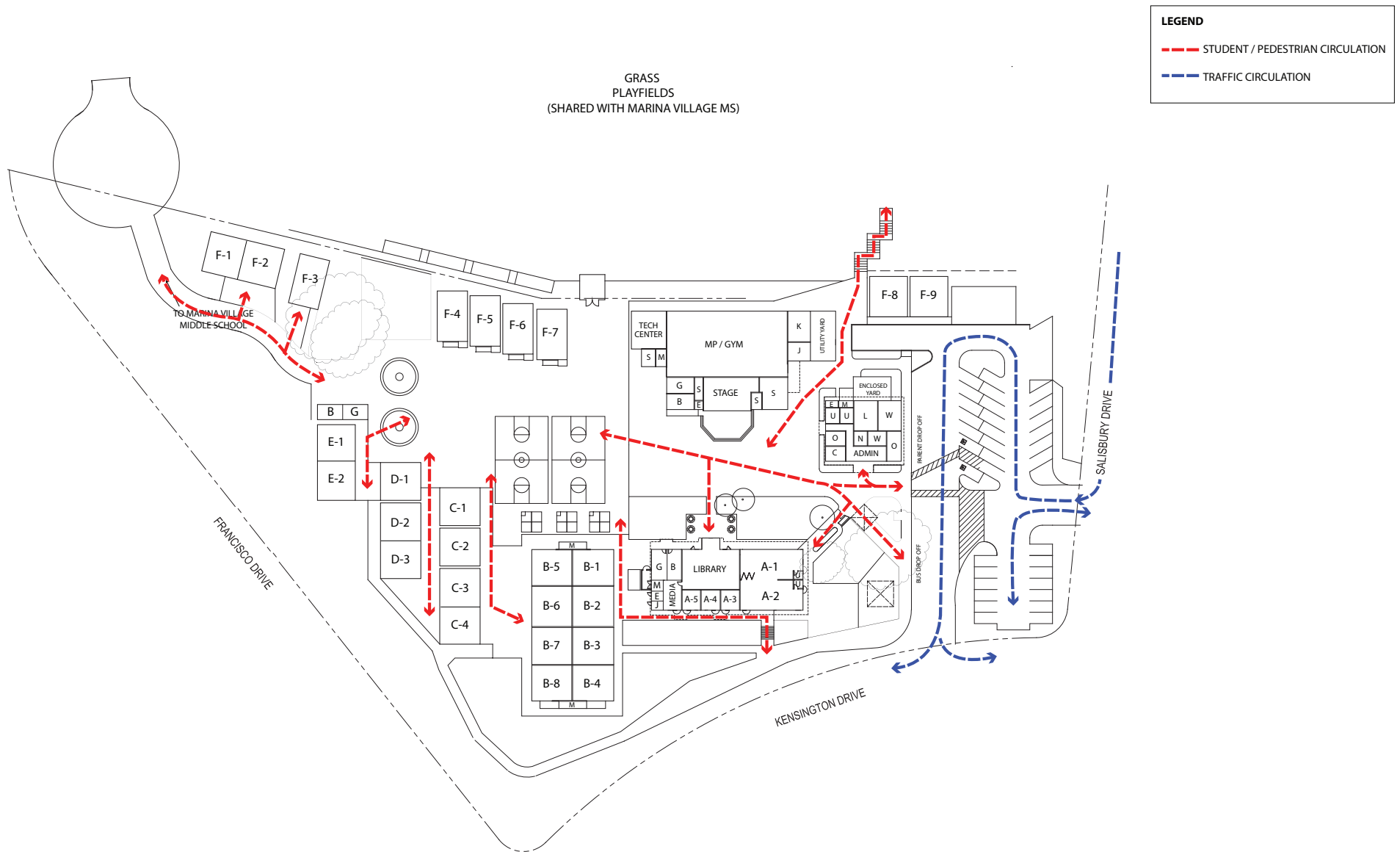
LAKE FOREST ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS DIAGRAM



LAKE FOREST ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS CIRCULATION



LAKE FOREST ELEMENTARY SCHOOL

PHASE ONE



LEGEND - EXISTING

- CLASSROOMS
LABELED WITH CLASSROOM NUMBER
- SHARED SPACES
LABELED WITH ROOM USAGE
- SHADE STRUCTURES
- RESTROOMS
B = BOYS
G = GIRLS
U = UNISEX
- ADMINISTRATION / SUPPORT AREAS
C = CONFERENCE ROOM
J = JANITOR
L = LOUNGE
O = OFFICE
M = MECHANICAL
N = NURSE
S = STORAGE
W = WORK ROOM
- GRASS / PLANTERS
- GRASS PLAY AREAS
- SAND PLAY AREAS
- HARD COURT PLAY AREAS

LEGEND - NEW

- NEW CLASSROOMS
- NEW RESTROOMS
- NEW SHADE STRUCTURES

LAKE FOREST ELEMENTARY SCHOOL

PHASE TWO



LEGEND - EXISTING

- CLASSROOMS
LABELED WITH CLASSROOM NUMBER
- SHARED SPACES
LABELED WITH ROOM USAGE
- SHADE STRUCTURES
- RESTROOMS
B = BOYS
G = GIRLS
U = UNISEX
- ADMINISTRATION / SUPPORT AREAS
C = CONFERENCE ROOM
J = JANITOR
L = LOUNGE
O = OFFICE
M = MECHANICAL
N = NURSE
S = STORAGE
W = WORK ROOM
- GRASS / PLANTERS
- GRASS PLAY AREAS
- SAND PLAY AREAS
- HARD COURT PLAY AREAS

LEGEND - NEW

- NEW CLASSROOMS
- EXPANDED HARD COURT

LAKEVIEW ELEMENTARY SCHOOL

CAMPUS INFORMATION



Lakeview Elementary School was opened in August 2005, and is located on a 10.17 acre site on Brittany Way in El Dorado Hills. During construction, the working name for this project was Promontory Elementary School.

The construction of this campus is permanent, meaning it has no relocatable classrooms. This campus contains 30 permanent classrooms, library, multi-purpose building including a kitchen, a stage (where band practice is held) and an outdoor amphitheater, administration building, playfields and hardcourt play area.

As this campus was recently constructed, no site analysis was needed.

There were 533 students enrolled for the 2018/2019 school year (not including any students in EDCOE programs).

QUICK FACTS

Location: 3371 Brittany Way
El Dorado Hills, CA 95672
(916) 941-2600

Website: www.mylakevieweagles.com

Grades: TK - 5

2018 / 2019 Enrollment: 533 Students
- 91 in TK - Kindergarten
- 247 in 1st - 3rd Grade
- 195 in 4th - 5th Grade

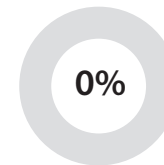
Total Sq. Ft. of Buildings: 49,638

Total Acres of Campus: 10.17

APN #: 112-700-06 and 67-040-05 (partial)

PORTABLE CLASSROOMS

THIS CAMPUS HAS 30 PERMANENT CLASSROOMS



OF CLASSROOMS ARE PORTABLES

CLASSROOM USAGE

THIS CAMPUS HAS 30 CLASSROOMS, CURRENTLY USED AS LISTED AND SHOWN BELOW:

- 22 LOADED
- 2 PULL OUT
- 3 COUNTY
- 3 NOT LOADED

| | | | | |
|---|---|----|----|----|
| C | C | NL | NL | NL |
| L | L | P | P | C |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |

LAKEVIEW ELEMENTARY SCHOOL

BUILDING INFORMATION

Listed in the table below, are the original and any associated modernization DSA Application numbers for all buildings on the campus.

| BUILDING / CLASSROOM | DESCRIPTION | ORIGINAL DSA APP # | CLOSED AND CERTIFIED BY DSA | MOD DSA APP # | CLOSED AND CERTIFIED BY DSA |
|---|---|--------------------|-----------------------------|---------------|-----------------------------|
| Building A (Classrooms) | This building is a two story classroom building, housing Kindergarten classrooms with an attached playground on the first floor, toilet rooms, and teacher workrooms, and classrooms and toilets on the second floor. | 02-103182 | YES | - | - |
| Building B (Classrooms) | This building houses three classrooms, and a teacher workroom, with an attached playground. | 02-103182 | YES | - | - |
| Building C (Classrooms) | This building is a two story classroom building, housing classrooms, toilet rooms, and teacher workrooms on the first floor, and classrooms on the second floor. | 02-103182 | YES | - | - |
| Building D (Classrooms) | This building houses three classrooms, and a teacher workroom. | 02-103182 | YES | - | - |
| Multipurpose / Gym / Cafeteria Building | This large MP / Gym / Cafeteria houses a main gymnasium, stage, restrooms, kitchen, and miscellaneous support spaces. Outdoor covered dining is provided around the exterior of this building. | 02-103182 | YES | - | - |
| Admin / Library | The Admin/Library is at the front of campus, and contains all administrative offices, teacher workroom and lounge, as well as the library and computer lab for the campus. | 02-103182 | YES | - | - |

LAKEVIEW ELEMENTARY SCHOOL

CLASSROOM AND STUDENT USED INSTRUCTIONAL SPACES INVENTORY

| ROOM NUMBER | ROOM TYPE | ROOM USAGE | CURRENT GRADE 2018-2019 | PERM | PORT | ROOM SQ FT | L | NL | P | C | LOADING * | |
|---------------|------------------------|----------------------------|-------------------------|-----------|------|------------|-----------|----------|----------|----------|------------|------------|
| | | | | | | | | | | | IDEAL | MAXIMUM |
| A-1 | Kindergarten Classroom | Kindergarten | K | 1 | | 1,440 | 1 | | | | 24 | 28 |
| A-2 | Kindergarten Classroom | Kindergarten | K | 1 | | 1,440 | 1 | | | | 24 | 28 |
| A-3 | Kindergarten Classroom | TK | TK | 1 | | 1,220 | 1 | | | | 20 | 28 |
| A-4 | Classroom | Classroom | K / 1st | 1 | | 960 | 1 | | | | 24 | 28 |
| A-5 | Classroom | Classroom | K | 1 | | 960 | 1 | | | | 24 | 28 |
| A-6 | Classroom | Classroom | 1st | 1 | | 960 | 1 | | | | 24 | 28 |
| A-7 | Classroom | Classroom | 2nd / 3rd | 1 | | 960 | 1 | | | | 24 | 28 |
| A-8 | Classroom | Classroom | 2nd | 1 | | 960 | 1 | | | | 24 | 28 |
| A-9 | Classroom | Classroom | 2nd | 1 | | 960 | 1 | | | | 24 | 28 |
| A-10 | Classroom | Classroom | 1st | 1 | | 960 | 1 | | | | 24 | 28 |
| A-11 | Classroom | Classroom | 2nd | 1 | | 960 | 1 | | | | 24 | 28 |
| A-12 | Classroom | Classroom (Garden Room) | 1st | 1 | | 960 | 1 | | | | 24 | 28 |
| B-1 | Classroom | Extended Day (County) | K-5 | 1 | | 960 | | | | 1 | - | - |
| B-2 | Classroom | Autism (County) | K-5 | 1 | | 960 | | | | 1 | - | - |
| B-3 | Classroom | Autism (County) | K-5 | 1 | | 960 | | | | 1 | - | - |
| C-1 | Classroom | Learning Center | - | 1 | | 960 | | 1 | | | - | 28 |
| C-2 | Classroom | Classroom | 5th | 1 | | 960 | 1 | | | | 28 | 30 |
| C-3 | Classroom | Classroom | 4th | 1 | | 960 | 1 | | | | 28 | 30 |
| C-4 | Classroom | Classroom | 3rd | 1 | | 960 | 1 | | | | 24 | 28 |
| C-5 | Classroom | Classroom | 3rd | 1 | | 960 | 1 | | | | 24 | 28 |
| C-6 | Classroom | Classroom (Vacant) | - | 1 | | 960 | | 1 | | | - | 28 |
| C-7 | Classroom | Arts Attack / PTO Workroom | - | 1 | | 960 | | 1 | | | - | 28 |
| C-8 | Classroom | Classroom | 5th | 1 | | 960 | 1 | | | | 28 | 30 |
| C-9 | Classroom | Classroom | 4th | 1 | | 960 | 1 | | | | 28 | 30 |
| C-10 | Classroom | Classroom | 5th | 1 | | 960 | 1 | | | | 28 | 30 |
| C-11 | Classroom | Classroom | 5th | 1 | | 960 | 1 | | | | 28 | 30 |
| C-12 | Classroom | Classroom | 3rd | 1 | | 960 | 1 | | | | 24 | 28 |
| D-1 | Classroom | Classroom | 4th | 1 | | 960 | 1 | | | | 28 | 30 |
| D-2 | Classroom | Science | 4th / 5th | 1 | | 960 | | | 1 | | 28 | 30 |
| D-3 | Classroom | Band | - | 1 | | 960 | | | 1 | | - | 28 |
| Library | Library | Library | - | 1 | | 1,880 | | 1 | | | - | - |
| Computer Lab | Computer Lab | Computer Lab | - | 1 | | 1,024 | | | 1 | | - | - |
| MP/Gym | MP/Gym | MP/Gym | - | 1 | | 4,130 | | 1 | | | - | - |
| Stage | Stage | Stage | - | 1 | | 1,316 | | 1 | | | - | - |
| TOTALS | | | | 30 | | | 22 | 3 | 2 | 3 | 580 | 772 |

* LOADING NUMBERS ARE PER DISTRICT CONTRACT AGREEMENTS. TOTALS DO NOT EQUAL CURRENT ENROLLMENT NUMBERS PREVIOUSLY LISTED.

SPACES SHOWN IN ORANGE ARE NOT COUNTED TOWARDS CLASSROOM TOTALS.

LAKEVIEW ELEMENTARY SCHOOL

ADMINISTRATION AND SUPPORT SPACE INVENTORY

| BUILDING | ROOM NUMBER / TYPE | ROOM USAGE | PERM | PORT | SQ FT |
|-----------------|--|--------------------|------|------|-------|
| Admin / Library | Administration, Offices, Conference Rooms, Nurse | Administration | | | 1,847 |
| | Teacher Work Room | Teacher Work Room | | | 522 |
| | Faculty Lounge | Faculty Lounge | 1 | | 768 |
| | Restrooms (Staff) | Restrooms | | | 254 |
| | Library Work Room | Library Work Room | | | 195 |
| A | Teacher Work Rooms | Teacher Work Rooms | | | 1,398 |
| | Restrooms (Girl's, Boy's, Staff) | Restrooms | 1 | | 663 |
| | Storage, Janitor | Support Spaces | | | 455 |
| B | Teacher Work Room | Teacher Work Room | 1 | | 298 |
| | Teacher Work Rooms | Teacher Work Rooms | | | 1,398 |
| C | Restrooms (Girl's, Boy's, Staff) | Restrooms | 1 | | 663 |
| | Storage, Janitor | Support Spaces | | | 455 |
| | Teacher Work Room | Teacher Work Room | 1 | | 298 |
| MP/Gym | Kitchen | Kitchen | | | 530 |
| | Storage, Mechanical, Janitor, Electrical | Support Spaces | 1 | | 1,234 |
| | Restrooms (Girl's, Boy's, Staff) | Restrooms | | | 628 |

LAKEVIEW ELEMENTARY SCHOOL

PHOTOS OF EXISTING CAMPUS



VIEW OF MAIN ENTRANCE



VIEW OF MAIN ENTRANCE



VIEW OF OUTDOOR AMPHITHEATER AND CLASSROOM BUILDING A



VIEW OF MP / GYM



VIEW OF ADMIN / LIBRARY BUILDING FROM AMPHITHEATER



VIEW OF CLASSROOM BUILDING C



PANORAMIC VIEW OF CAMPUS

LAKEVIEW ELEMENTARY SCHOOL

ESTIMATED COSTS

| PHASE OF WORK | TOTAL ESTIMATED PROJECT COSTS | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS |
|--|-------------------------------|-----------------------|-----------------------------------|
| PHASE 1 - PARKING IMPROVEMENTS, CANOPY, AND ELECTRICAL UPGRADES | | | |
| <ul style="list-style-type: none"> • PARKING IMPROVEMENTS AND PLAYGROUND CANOPY • INSTALLATION OF A TRACK AROUND PLAYFIELDS • CAMPUS WIDE FIRE ALARM UPGRADES, ELECTRICAL INFRASTRUCTURE UPGRADES, AND TECHNOLOGY (LOW VOLTAGE) CABLING UPGRADES. | \$ 3,350,000.00 | - | \$ 3,350,000.00 |
| TOTAL | \$ 3,350,000.00 | - | \$ 3,350,000.00 |

LAKEVIEW ELEMENTARY SCHOOL

EXISTING SITE - AERIAL



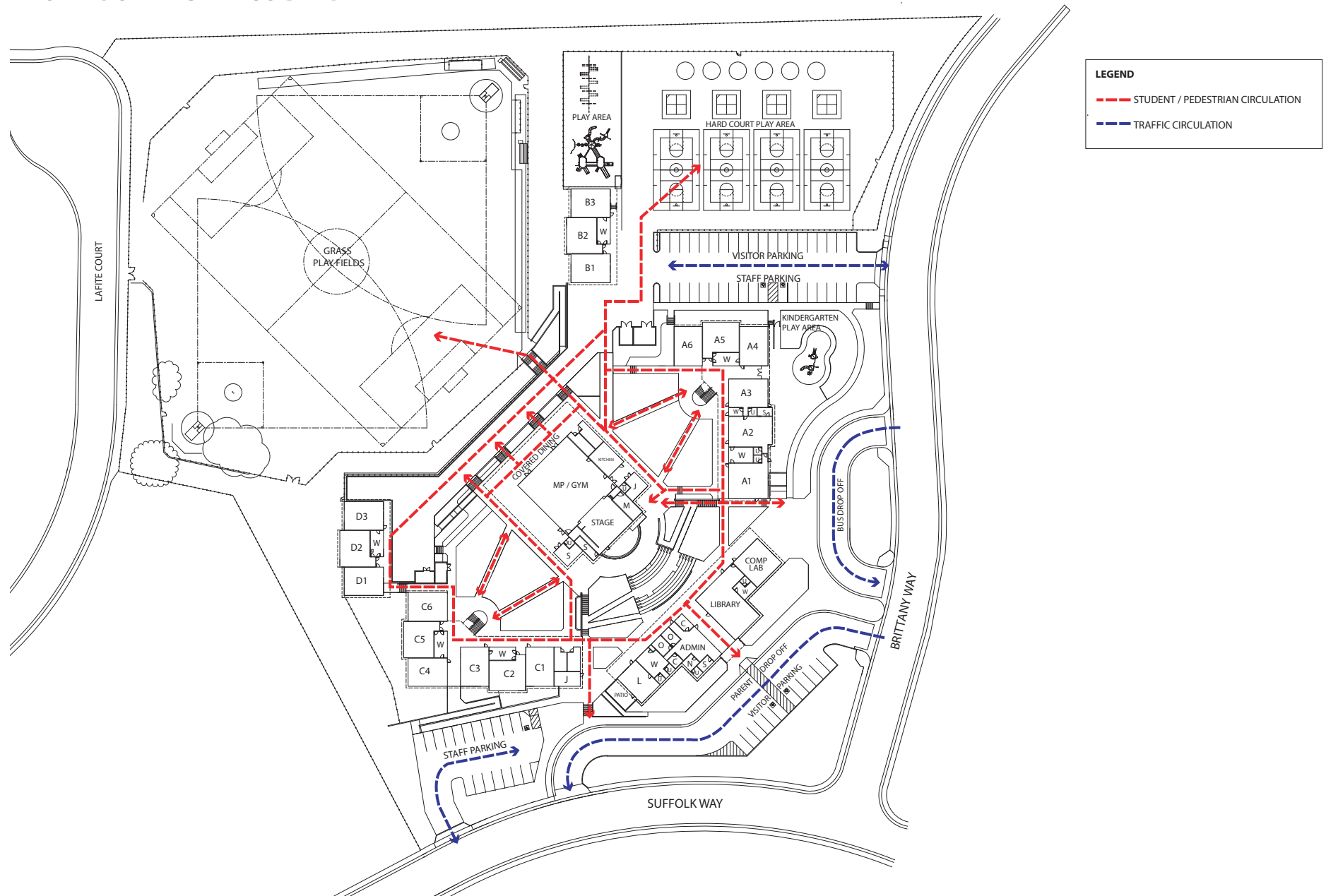
LAKEVIEW ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS DIAGRAM



LAKEVIEW ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS DIAGRAM



LAKEVIEW ELEMENTARY SCHOOL

PHASE ONE



| LEGEND - EXISTING | |
|---|---|
| | CLASSROOMS LABELED WITH CLASSROOM NUMBER |
| | SHARED SPACES LABELED WITH ROOM USAGE |
| | COVERED DINING |
| | RESTROOMS B = BOYS G = GIRLS U = UNISEX |
| | ADMINISTRATION / SUPPORT AREAS C = CONFERENCE ROOM J = JANITOR L = LOUNGE O = OFFICE M = MECHANICAL N = NURSE S = STORAGE W = WORK ROOM |
| | GRASS / PLANTERS |
| | GRASS PLAY AREAS |
| | PLAY AREAS |
| | HARD COURT PLAY AREAS |
| LEGEND - NEW | |
| | NEW SHADE STRUCTURES |
| | RELOCATED BASEBALL FIELD |
| | NEW RUNNING TRACK |

RESCUE ELEMENTARY SCHOOL

CAMPUS INFORMATION



Rescue Elementary School was built in stages, beginning in 1958, and is located on a 9.8 acre site on Green Valley Road, and serves students from TK through fifth grade. The District maintenance and transportation facilities are also located on the south side of this site.

The school has 13 permanent classrooms, 22 portable classrooms, a library, a multi-purpose building including a kitchen, administration, playfields and hardcourt play area.

There are 478 students enrolled for the 2018/2019 school year (not including any students in EDCOE programs). Currently, four (4) classrooms on the Rescue Elementary School campus are used for County programs.

QUICK FACTS

Location: 3880 Green Valley Road
Rescue, CA 95672
(530) 677-2720

Website: www.rescueelementary.org

Grades: TK - 5

2018 / 2019 Enrollment: 478 Students
- 113 in TK - Kindergarten
- 225 in 1st - 3rd Grade
- 140 in 4th - 5th Grade

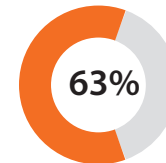
Total Sq. Ft. of Buildings: 46,417

Total Acres of Campus: 9.8

APN #: 069-140-01

PORTABLE CLASSROOMS

THIS CAMPUS HAS 22 PORTABLE CLASSROOMS AND 13 PERMANENT CLASSROOMS



OF CLASSROOMS ARE PORTABLES

CLASSROOM USAGE

THIS CAMPUS HAS 35 CLASSROOMS, CURRENTLY USED AS LISTED AND SHOWN BELOW:

| | | | | | | |
|----|------------|----|----|----|----|----|
| 19 | LOADED | NL | NL | NL | NL | NL |
| 5 | PULL OUT | C | C | C | NL | NL |
| 4 | COUNTY | P | P | P | P | C |
| 7 | NOT LOADED | L | L | L | L | P |
| | | L | L | L | L | L |
| | | L | L | L | L | L |
| | | L | L | L | L | L |

RESCUE ELEMENTARY SCHOOL

BUILDING INFORMATION

Listed in the table below, are the original and any associated modernization DSA Application numbers for all buildings on the campus.

| BUILDING / CLASSROOM | DESCRIPTION | ORIGINAL DSA APP # | CLOSED AND CERTIFIED BY DSA | MOD DSA APP # | CLOSED AND CERTIFIED BY DSA |
|---|---|--|-----------------------------|---------------|-----------------------------|
| Kindergarten Building | This building was added to the campus in 2007 and houses three Kindergarten classrooms and a centralized teacher work room. A large parking lot was also added to the site during this project. | 02-108206 | YES | - | - |
| Building B (Classrooms / Library) | Added to the campus in 1964, this building houses a main library, with four (4) classrooms off of the library, two of which are used for computer labs. | 24902 | YES | 02-108206 | YES |
| Buildings C (Classrooms C-1, C-2, C-3, C-4, C-5, C-6) | The school was built in stages beginning in 1958. The building C classrooms were the first buildings constructed on campus. | 14878 | YES | 02-100863 | YES |
| Buildings C (Classrooms C-7, C-8, and C-9) | These three (3) relocatables were added to the site in 1986 and 1987. | 48469 (C-7) 47111 (C-8) (C-9 is leased) | YES | - | - |
| Building D (Classrooms) | Eight (8) relocatables make up Building D, and were added to the site from 1987 to 1992. These relocatables are located around the existing hard court play area. | 49052 (D-1) 50587 (D-2, D-3) 52549 (D-4, D-5) 31425 (D-7) 57951 (D-8, D-9) | YES | - | - |
| Building E (Classrooms and Restroom) | Six (6) relocatable classrooms and a relocatable toilet building were added to the campus in 2003. | 02-103508 | NO | - | - |
| Building F (Classrooms) | Five (5) relocatables at the east side of campus make up Building F, and were placed on site in 1997 and 1998. | 69398 (F-1, F-2, F-4, F-5) 66687 (F-3) | NO | - | - |
| Administration | Modernized in 2007. | 26548 | YES | 02-108206 | YES |
| MP / Gym / Kitchen | Added to the campus in 1974. | 37088 | YES | - | - |

RESCUE ELEMENTARY SCHOOL

CLASSROOM AND STUDENT USED INSTRUCTIONAL SPACES INVENTORY

| ROOM NUMBER | ROOM TYPE | ROOM USAGE | CURRENT GRADE 2018-2019 | PERM | PORT | ROOM SQ FT | L | NL | P | C | LOADING * | | |
|---------------|------------------------|----------------------------|-------------------------|-----------|-----------|------------|-----------|----------|----------|----------|-----------|------------|------------|
| | | | | | | | | | | | IDEAL | MAXIMUM | |
| K-1 | Kindergarten Classroom | Kindergarten | K | 1 | | 1,120 | 1 | | | | | 24 | 28 |
| K-2 | Kindergarten Classroom | Kindergarten | K | 1 | | 1,044 | 1 | | | | | 24 | 28 |
| K-3 | Kindergarten Classroom | Kindergarten | K | 1 | | 1,120 | 1 | | | | | 24 | 28 |
| B-1 | Learning Center | RSP | - | 1 | | 960 | | 1 | | | | 15 | 15 |
| B-2 | Learning Center | Counselor | - | 1 | | 960 | | 1 | | | | - | 28 |
| B-3 | Computer Lab | Computer Lab | - | 1 | | 960 | | | 1 | | | - | - |
| B-4 | Classroom | Computer Lab | - | 1 | | 960 | | | 1 | | | - | 28 |
| C-1 | Classroom | Classroom | 1st | 1 | | 960 | 1 | | | | | 24 | 28 |
| C-2 | Classroom | Classroom | 1st | 1 | | 960 | 1 | | | | | 24 | 28 |
| C-3 | Classroom | Classroom | 1st | 1 | | 960 | 1 | | | | | 24 | 28 |
| C-4 | Classroom | Classroom | 2nd | 1 | | 960 | 1 | | | | | 24 | 28 |
| C-5 | Classroom | Classroom | 2nd | 1 | | 960 | 1 | | | | | 24 | 28 |
| C-6 | Classroom | Classroom | 1st / 2nd | 1 | | 960 | 1 | | | | | 24 | 28 |
| C-7 | Classroom | Pre-School (County) | Pre-School | | 1 | 960 | | | | 1 | | - | - |
| C-8 | Classroom | EDCOE (County) | K | | 1 | 960 | | | | 1 | | - | - |
| C-9 | Classroom | Classroom | TK | | 1 | 960 | 1 | | | | | 20 | 28 |
| D-1 | Classroom | Kindergarten | K | | 1 | 960 | 1 | | | | | 24 | 28 |
| D-2 | Classroom | Art | - | | 1 | 960 | | | 1 | | | 24 | 28 |
| D-3 | Classroom | Extended Day EIT (County) | - | | 1 | 960 | | | | 1 | | - | - |
| D-4 | Classroom | Student Store | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| D-5 | Classroom | Music | - | | 1 | 960 | | | 1 | | | - | 28 |
| D-7 | Classroom | Classroom (County) | OT | | 1 | 960 | | | | 1 | | - | - |
| D-8 | Classroom | Storage | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| D-9 | Classroom | Storage / Custodial Office | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| E-1 | Classroom | Speech / EL | - | | 1 | 960 | | | 1 | | | - | 28 |
| E-2 | Classroom | Classroom | 4th | | 1 | 960 | 1 | | | | | 28 | 30 |
| E-3 | Classroom | Classroom | 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| E-4 | Classroom | Classroom | 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| E-5 | Classroom | Classroom | 3rd | | 1 | 960 | 1 | | | | | 24 | 28 |
| E-6 | Classroom | Classroom | 4th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-1 | Classroom | District Office Storage | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| F-2 | Classroom | Classroom | 5th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-3 | Classroom | Classroom | 4th / 5th | | 1 | 960 | 1 | | | | | 28 | 30 |
| F-4 | Classroom | PE Prep | - | | 1 | 960 | | 1 | | | | 24 | 28 |
| F-5 | Classroom | Classroom | 5th | | 1 | 960 | 1 | | | | | 28 | 30 |
| Library | Library | Library | - | 1 | | 1,541 | | 1 | | | | - | - |
| Gym/MP | Gym/MP | Gym/MP | - | 1 | | 5,436 | | 1 | | | | - | - |
| TOTALS | | | | 13 | 22 | | 19 | 7 | 5 | 4 | | 631 | 837 |

* LOADING NUMBERS ARE PER DISTRICT CONTRACT AGREEMENTS. TOTALS DO NOT EQUAL CURRENT ENROLLMENT NUMBERS PREVIOUSLY LISTED.

SPACES SHOWN IN ORANGE ARE NOT COUNTED TOWARDS CLASSROOM TOTALS.

RESCUE ELEMENTARY SCHOOL

ADMINISTRATION AND SUPPORT SPACE INVENTORY

| BUILDING | ROOM NUMBER / TYPE | ROOM USAGE | PERM | PORT | SQ FT |
|----------|--|------------------------------|------|------|-------|
| Admin | Administration, Offices, Work Rooms, Nurse | Administration | | | 1,313 |
| | Teacher Lounge | Teacher Lounge | 1 | | 960 |
| | Restrooms (Staff) | Restrooms | | | 187 |
| B | Restrooms | Restrooms | 1 | | 275 |
| | Storage, Janitor | Support Spaces | | | 138 |
| C | Teacher Work Room / Resource | Teacher Work Room / Resource | | | 300 |
| | Restrooms | Restrooms | 1 | | 539 |
| | Janitor | Support Spaces | | | 372 |
| MP | Kitchen | Kitchen | | | 273 |
| | Storage, Mechanical, Janitor, Electrical | Support Spaces | 1 | | 129 |
| | Restrooms | Restrooms | | | 580 |

RESCUE ELEMENTARY SCHOOL

PHOTOS OF EXISTING CAMPUS



VIEW OF MAIN ENTRANCE



VIEW OF KINDERGARTEN BUILDING



VIEW OF KINDERGARTEN BUILDING



VIEW OF BUILDING E RELOCATABLE CLASSROOMS



VIEW OF CLASSROOM BUILDINGS



VIEW OF HARD COURT PLAY AREA



VIEW OF MP / GYM BUILDING



VIEW OF OUTDOOR COVERED DINING



ALTERNATE VIEW OF OUTDOOR COVERED DINING

RESCUE ELEMENTARY SCHOOL

AREAS OF DEFICIENCY



RESCUE ELEMENTARY SCHOOL

SITE ANALYSIS

After reviewing the site, and discussing the needs with District and site staff, we arrived with the following list, with the most pressing needs listed first:

SUMMARY OF NEEDS:

- Kitchen Renovation
- Stage / Band Classroom
- Outdoor Dining
- Replace Aging Relos
- Playfield Renovation
- POT Upgrades
- Hardcourt Renovation
- Fire Alarm, Electrical Infrastructure, and Technology Upgrades

1. The existing kitchen is extremely small and there is not enough room for a serving line for students to pick up their lunches.
2. The MP building does not include a stage or an area for a band classroom, band practice, or storage of any band equipment.
3. The MP building does not contain enough storage areas for all tables and chairs, and any other furnishings currently in this building.
4. There is not enough protected / outdoor covered area for students to eat lunch.
5. All public schools are required to have a campus Path-of-Travel (POT) which meets ADA and CBC (California Building Code) requirements. Portions of the POT on this campus are non-compliant and are required to be upgraded. This includes accessible access into public restrooms.
6. Multiple deteriorated relocatable buildings are either in need of replacement, or are in such bad shape that they are not used for classrooms, and are used for other purposes (storage, etc.)
7. The campus is spread all over the property, and doesn't have a main "heart" where all instruction takes place.
8. The grass play fields are in need of expansion and renovation to allow all students to have access to useable fields.
9. The new Kindergarten building does not match the look of the rest of the campus.
10. Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling and upgrades, are needed.
11. To plan for the future, solar panels could be added to the campus. There are multiple areas where panels could easily be installed.

RESCUE ELEMENTARY SCHOOL

PROPOSED WORK

The proposed changes to this campus, addressing the needs on the previous page, are listed in two phases, as described below and shown on the following pages:

PHASE 1 – KITCHEN MODIFICATIONS AND ADDITION TO MULTIPURPOSE BUILDING

This phase consists of the following, which address many deficiencies shown on the previous page:

- Relocation and modernization of the Kitchen facility from the west side to the south side of the MP / Gym building. This will allow for a larger, more functioning kitchen, with a walk-in serving line for students.
- Addition of a stage / platform to the north side of the MP / Gym building, with storage for seating and tables. The stage / platform will also serve as a band classroom, and will have areas for all band equipment to be stored.
- Modification of the janitor room, toilet rooms, and storage area in the MP / Gym building.
- Addition of a shade structure adjacent to the MP / Gym building to allow for outdoor covered dining for students.
- Addition of a concrete terraced outdoor seating area to the west of the MP / Gym.
- Campus-wide Fire Alarm upgrades, electrical infrastructure upgrades, and technology (low voltage) cabling upgrades. Installation of Solar Panels, if desired.

PHASE 2 – NEW CLASSROOM BUILDINGS / CAMPUS UNIFICATION

The work we recommend for this phase consists of:

- Replacement of aging, deteriorating portable classroom buildings with two (2) large permanent classroom buildings. These buildings will remove the majority of all portable buildings, and will consolidate classes in the main heart of the campus.
- Expansion of hard court play areas. This would be possible due to the removal of all portable buildings, which currently reside on the hard court play area.
- Expansion of grass play areas.
- Installation of Solar Panels, if desired.

RESCUE ELEMENTARY SCHOOL

ESTIMATED COSTS

| PHASE OF WORK | TOTAL ESTIMATED PROJECT COST | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS |
|--|------------------------------|------------------------|-----------------------------------|
| PHASE 1 - KITCHEN MODIFICATIONS AND ADDITION TO MP BUILDING | | | |
| <ul style="list-style-type: none"> RELOCATION AND MODERNIZATION OF THE KITCHEN, ADDITION OF SERVING LINE FOR THE STUDENTS. ADDITION OF STAGE / PLATFORM TO THE NORTH SIDE OF MP / GYM BUILDING, WHICH CAN ALSO SERVE AS A BAND CLASSROOM. MODIFICATION TO THE JANITOR ROOM, TOILET ROOMS, AND STORAGE IN MP / GYM BUILDING. ADDITION OF A SHADE STRUCTURE ADJACENT TO MP / GYM BUILDING TO PROVIDE COVERED OUTDOOR DINING FOR STUDENTS. SITE WORK AND PATH OF TRAVEL UPGRADES. CAMPUS WIDE FIRE ALARM UPGRADES, ELECTRICAL INFRASTRUCTURE UPGRADES, AND TECHNOLOGY (LOW VOLTAGE) CABLING UPGRADES. | \$ 3,438,679.20 | \$ 1,072,135.00 | \$ 2,366,544.20 |
| PHASE 2 - NEW CLASSROOM BUILDINGS / CAMPUS UNIFICATION | | | |
| <ul style="list-style-type: none"> REPLACEMENT OF AGING AND DETERIORATED PORTABLE CLASSROOM BUILDINGS WITH TWO (2) LARGE PERMANENT CLASSROOM BUILDINGS. EXPANSION OF HARD COURT PLAY AREAS. EXPANSION OF GRASS PLAY AREA. ADDITION OF SOLAR PANELS (COST NOT INCLUDED) | \$ 9,650,000.00 | - | \$ 9,650,000.00 |
| TOTAL | \$ 13,088,679.20 | \$ 1,072,135.00 | \$ 12,016,544.20 |

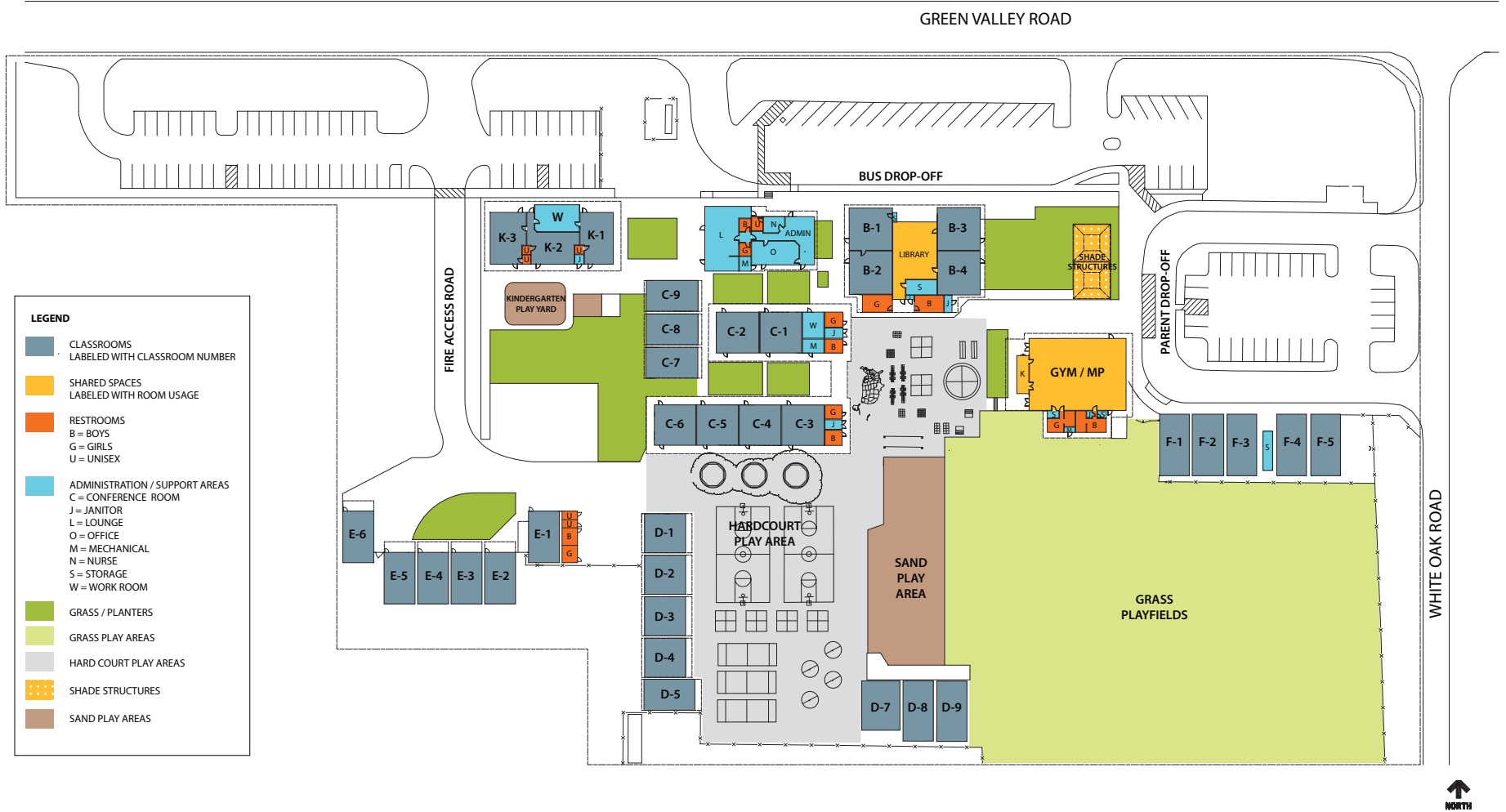
RESCUE ELEMENTARY SCHOOL

EXISTING SITE - AERIAL



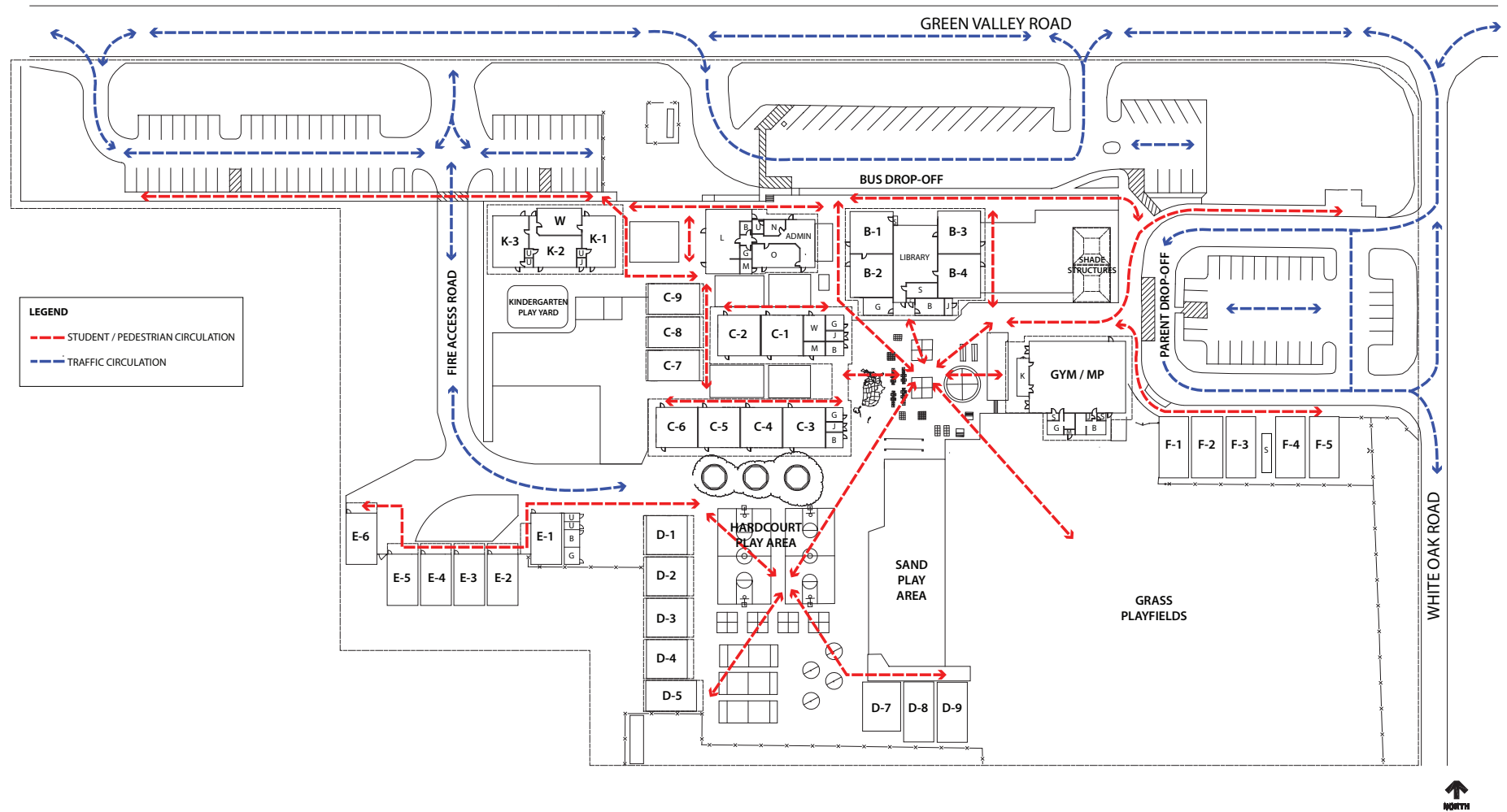
RESCUE ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS DIAGRAM



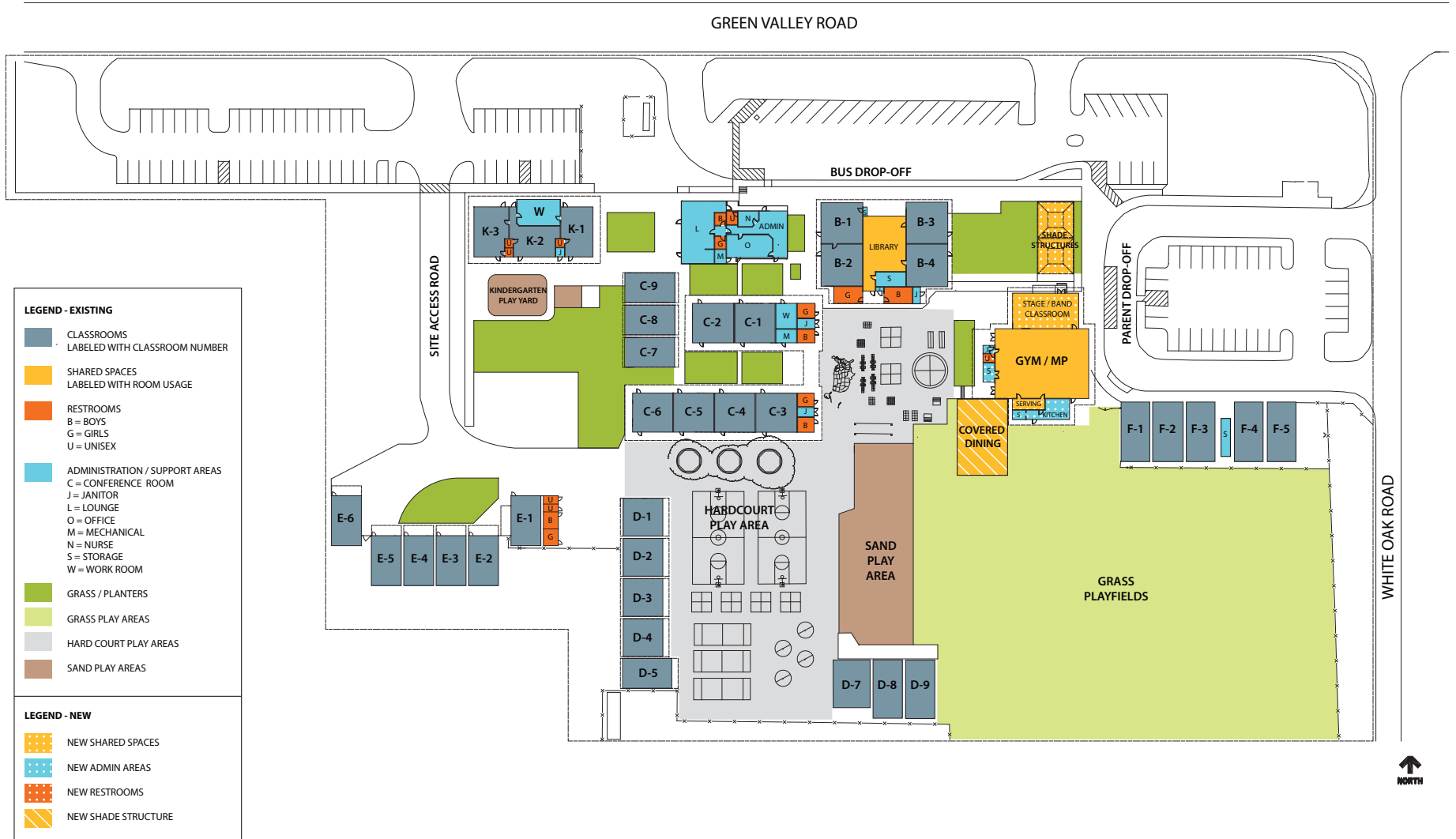
RESCUE ELEMENTARY SCHOOL

EXISTING SITE - CAMPUS CIRCULATION



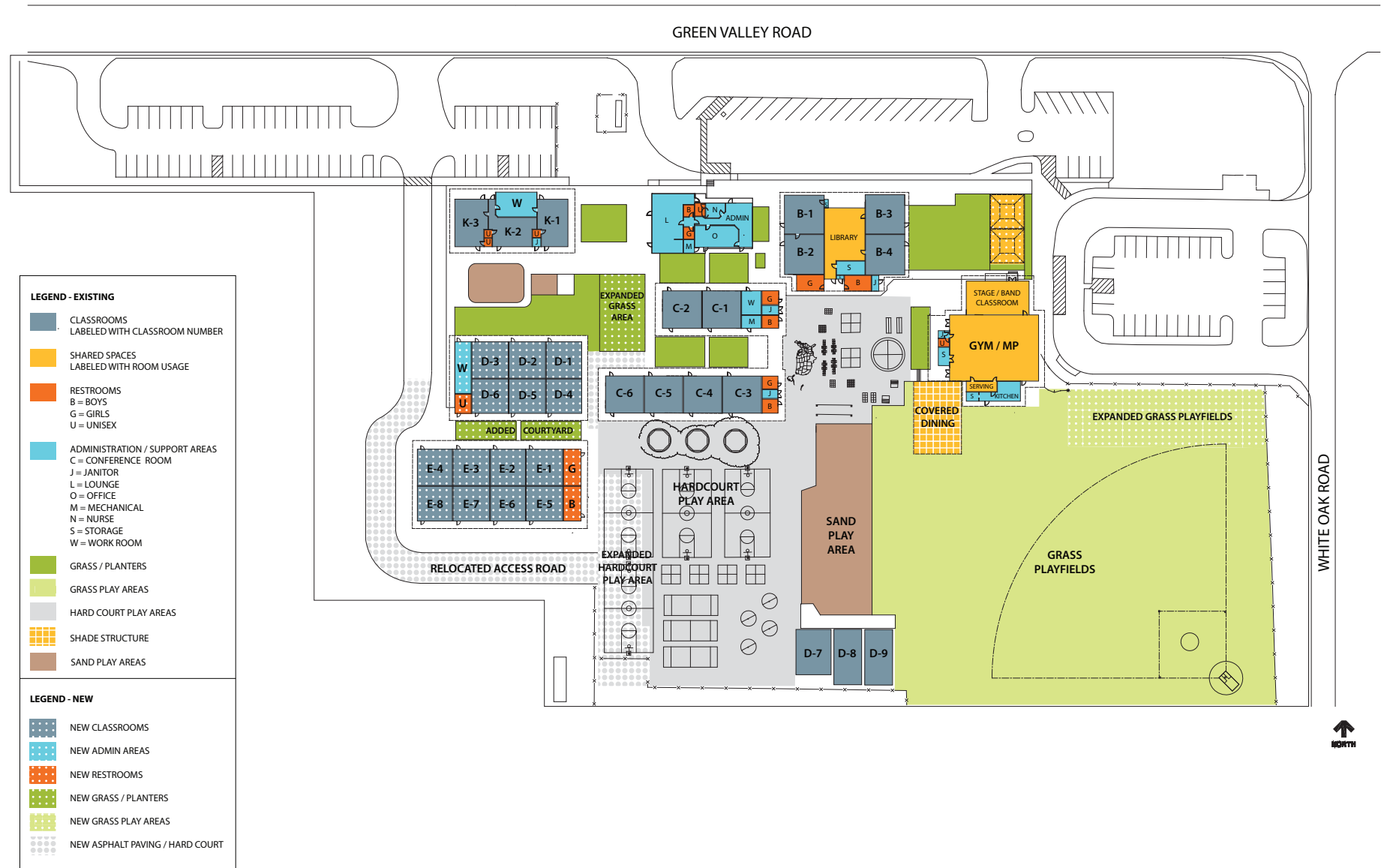
RESCUE ELEMENTARY SCHOOL

PHASE ONE



RESCUE ELEMENTARY SCHOOL

PHASE TWO



MARINA VILLAGE MIDDLE SCHOOL

CAMPUS INFORMATION



Marina Village Middle School was opened in 1982, and is located on Francisco Drive in El Dorado Hills on a 14.8 acre site adjacent to Lake Forest Elementary School. Marina Village serves students in grades six through eight. The facility has 26 permanent classrooms, 6 portable classrooms, library, gymnasium with locker rooms, kitchen, multi-purpose room, outdoor dining area, administration area, playfields, and hardcourt play area.

80% of all classrooms are in permanent buildings; the other 20% are in relocatable buildings.

There are 809 students enrolled at Marina Village Middle School for the 2018 / 2019 school year; 292 students in 6th grade, 269 students in 7th grade, and 248 in 8th grade.

QUICK FACTS

Location: 1901 Francisco Drive
El Dorado Hills, CA 95672
(916) 933-3993

Website: www.marinamustangs.com

Grades: 6th - 8th

2018 / 2019 Enrollment: 809 Students
- 292 in 6th Grade
- 269 in 7th Grade
- 248 in 8th Grade

Total Sq. Ft. of Buildings: 57,524

Total Acres of Campus: 14.8

APN #: 106-010-031

PORTABLE CLASSROOMS

THIS CAMPUS HAS 6 PORTABLE CLASSROOMS AND 26 PERMANENT CLASSROOMS



OF CLASSROOMS ARE PORTABLES

CLASSROOM USAGE

THIS CAMPUS HAS 35 CLASSROOMS, CURRENTLY USED AS LISTED AND SHOWN BELOW:

| | |
|----|------------|
| 31 | LOADED |
| 1 | NOT LOADED |

| | | | | |
|---|----|---|---|---|
| L | NL | | | |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |
| L | L | L | L | L |

MARINA VILLAGE MIDDLE SCHOOL

BUILDING INFORMATION

Listed in the table below, are the original and any associated modernization DSA Application numbers for all buildings on the campus.

| BUILDING / CLASSROOM | DESCRIPTION | ORIGINAL DSA APP # | CLOSED AND CERTIFIED BY DSA | MOD DSA APP # | CLOSED AND CERTIFIED BY DSA |
|-----------------------------|--|--|-----------------------------|---------------|-----------------------------|
| Rooms 1-6 | One of the original buildings constructed on the campus in 1981, this building houses six classrooms and girls and boys restrooms. | 43510 | YES | - | - |
| Rooms 7-10 | Built in 1981, this building houses four classrooms and girls and boys restrooms. | 43510 | YES | - | - |
| Staff Building | One of the original buildings constructed on the campus in 1981, this building houses staff offices, work rooms, and support spaces. | 43510 | YES | - | - |
| Rooms 11-16 | All six of these buildings are relocatables, and were placed on site from 1990-1993. | 59528 (11, 13, 14) 52549 (12) 56111 (15) 57889 (16) | YES | - | - |
| Rooms 17-28 | These classrooms are in the most recently constructed building on campus, a two story classroom building with one (1) PLTW classroom with an attached outdoor work area, two (2) Science Classrooms with shared prep area, and nine (9) Standard Classrooms, as well as multistall boy's and girl's restrooms, Janitor's office, staff restroom, and other miscellaneous spaces. | 02-115519 | PENDING CERTIFICATION | - | - |
| Admin, Library, Rooms 30-32 | Admin and CR's downstairs, Library upstairs. Admin modernization was completed in 2014, changing boy's and girl's restrooms into a conference room, and a unisex restroom. | 63325 | YES | 02-113509 | PENDING CERTIFICATION |
| MP / Kitchen | One of the original buildings constructed on the campus in 1981, this building houses the MP/Cafeteria, stage, kitchen, and miscellaneous support spaces. | 43510 | YES | - | - |
| Gymnasium | One of the original buildings constructed on the campus in 1981, the Gym includes a main gym spaces, girls and boys locker rooms, restrooms, and support spaces. | 43510 | YES | - | - |

MARINA VILLAGE MIDDLE SCHOOL

CLASSROOM AND STUDENT USED INSTRUCTIONAL SPACES INVENTORY

| ROOM NUMBER | ROOM TYPE | ROOM USAGE | CURRENT GRADE 2018-2019 | PERM | PORT | ROOM SQ FT | L | NL | P | C | LOADING * | |
|---------------|-------------------|-------------------|-------------------------|-----------|----------|------------|-----------|----------|----------|----------|------------|------------|
| | | | | | | | | | | | IDEAL | MAX. |
| 1 | Classroom | Classroom | 7th | 1 | | 890 | 1 | | | | 30 | 31 |
| 2 | Classroom | Classroom | 8th | 1 | | 890 | 1 | | | | 30 | 31 |
| 3 | Classroom | Classroom | 7th | 1 | | 890 | 1 | | | | 30 | 31 |
| 4 | Classroom | Classroom | 6th | 1 | | 890 | 1 | | | | 30 | 31 |
| 5 | Classroom | Classroom | 6th | 1 | | 890 | 1 | | | | 30 | 31 |
| 6 | Classroom | Classroom | 6th | 1 | | 890 | 1 | | | | 30 | 31 |
| 7 | Science Classroom | Science Classroom | 7th | 1 | | 1,200 | 1 | | | | 30 | 31 |
| 8 | Science Classroom | Classroom | 7th / 8th | 1 | | 1,200 | 1 | | | | 30 | 31 |
| 9 | Science Classroom | Science Classroom | 7th | 1 | | 1,000 | 1 | | | | 30 | 31 |
| 10 | Science Classroom | Science Classroom | 6th | 1 | | 1,000 | 1 | | | | 30 | 31 |
| 11 | Classroom | Classroom | 6th | | 1 | 960 | 1 | | | | 30 | 31 |
| 12 | Classroom | Classroom | 6th | | 1 | 960 | 1 | | | | 30 | 31 |
| 13 | Classroom | Classroom | 6th | | 1 | 960 | 1 | | | | 30 | 31 |
| 14 | Classroom | Classroom) | 6th | | 1 | 960 | 1 | | | | 30 | 31 |
| 15 | Classroom | Classroom | 6th | | 1 | 960 | 1 | | | | 30 | 31 |
| 16 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | 30 | 31 |
| 17 | Classroom | Classroom / PLTW | 6th / 7th / 8th | 1 | | 1,693 | 1 | | | | 30 | 31 |
| 18 | Science Classroom | Classroom | 8th | 1 | | 1,200 | 1 | | | | 30 | 31 |
| 19 | Science Classroom | Classroom | 6th / 7th / 8th | 1 | | 1,200 | 1 | | | | 30 | 31 |
| 20 | Classroom | Classroom | 7th / 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 21 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 22 | Classroom | Classroom | 7th | 1 | | 960 | 1 | | | | 30 | 31 |
| 23 | Classroom | Classroom | 7th / 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 24 | Classroom | Classroom | 7th / 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 25 | Classroom | Classroom | 7th / 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 26 | Classroom | Classroom | 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 27 | Classroom | Classroom | 7th | 1 | | 960 | 1 | | | | 30 | 31 |
| 28 | Classroom | Classroom | 7th / 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 30 | Computer Lab | Computer Lab | 6th / 7th / 8th | 1 | | 960 | | 1 | | | - | - |
| 31 | Classroom | Classroom | 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| 32 | Classroom | Classroom | 7th / 8th | 1 | | 960 | 1 | | | | 30 | 31 |
| Library | Library | Library | 6th / 7th / 8th | 1 | | 3,800 | | 1 | | | - | - |
| Band | Stage / Band | Band | 6th / 7th / 8th | 1 | | 1,620 | 1 | | | | 30 | 31 |
| MP | MP | MP/Cafeteria | 6th / 7th / 8th | 1 | | 3,534 | | 1 | | | - | - |
| Gym | Gym | Gym | 6th / 7th / 8th | 1 | | 6,340 | | 1 | | | - | - |
| TOTALS | | | | 26 | 6 | | 31 | 1 | - | - | 930 | 961 |

* LOADING NUMBERS ARE PER DISTRICT CONTRACT AGREEMENTS. TOTALS DO NOT EQUAL CURRENT ENROLLMENT NUMBERS PREVIOUSLY LISTED.

SPACES SHOWN IN ORANGE ARE NOT COUNTED TOWARDS CLASSROOM TOTALS.

MARINA VILLAGE MIDDLE SCHOOL

ADMINISTRATION AND SUPPORT SPACE INVENTORY

| BUILDING | ROOM NUMBER / TYPE | ROOM USAGE | PERM | PORT | SQ FT |
|-----------------------------------|---|----------------------------------|------|------|-------|
| Admin | Administration, Offices, Work Rooms, Nurse, Conference Room | Administration | 1 | | 1,564 |
| | Restrooms | Restrooms | | | 140 |
| Building Housing Classrooms 1-6 | Restrooms | Restrooms | 1 | | 420 |
| | Janitor | Support Spaces | | | 212 |
| Building Housing Classrooms 7-10 | Restrooms | Restrooms | 1 | | 500 |
| | Storage / Janitor | Support Spaces | | | 670 |
| Teacher Work Room | Teacher Work Room / Admin Bldg | Teacher Work Room | 1 | | 1,950 |
| Building Housing Classrooms 17-28 | Offices, Workrooms | Administration | 1 | | 622 |
| | Restrooms | Restrooms | | | 494 |
| | Storage / Mechanical / Janitor | Support Spaces | | | 652 |
| MP | Kitchen | Kitchen | 1 | | 464 |
| | Restrooms | Restrooms | | | 86 |
| | Storage | Support Spaces | | | 224 |
| Relo (behind MP) | Storage / Maintenance | Storage / Maintenance | | 1 | 960 |
| Gym | Girl's Locker Room and Restrooms | Girl's Locker Room and Restrooms | 1 | | 1,011 |
| | Boy's Locker Room and Restrooms | Boy's Locker Room and Restrooms | | | 862 |
| | Restrooms | Restrooms | | | 315 |
| | Storage / Janitor | Support Spaces | | | 176 |

MARINA VILLAGE MIDDLE SCHOOL

PHOTOS OF EXISTING CAMPUS



NEW TWO STORY CLASSROOM BUILDING - CLASSROOMS 17-28



ADMIN / CLASSROOM / LIBRARY BUILDING AND CLASSROOM BUILDING



VIEW OF CLASSROOM BUILDING 17-22 FROM ADMIN



VIEW OF CLASSROOM BUILDING 17-28 FROM AMPHITHEATER



VIEW OF EXPANDED OUTDOOR AMPHITHEATER



BRIDGE



SCIENCE CLASSROOM



STANDARD CLASSROOM



PLTW CLASSROOM

MARINA VILLAGE MIDDLE SCHOOL

PHOTOS OF EXISTING CAMPUS



MURAL ON CLASSROOM BUILDING HOUSING ROOMS 1-6



CLASSROOM BUILDING HOUSING ROOMS 1-6



VIEW OF SEATING IN GARDEN, LOOKING TOWARDS RELOS 11-16



VIEW OF CAFETERIA / MULTIPURPOSE BUILDING



VIEW OF OUTDOOR DINING AREA BETWEEN CAFETERIA / MP AND GYM



VIEW OF CAFETERIA FROM PARKING LOT



PLAYFIELDS



VIEW OF GARDEN



VIEW OF CLASSROOM BUILDING HOUSING ROOMS 7-10

MARINA VILLAGE MIDDLE SCHOOL

AREAS OF DEFICIENCY



MARINA VILLAGE MIDDLE SCHOOL

SITE ANALYSIS

After reviewing the site, and discussing the needs with District and site staff, we arrived with the following list, with the most pressing needs listed first:

SUMMARY OF NEEDS:

- Replace Aging Relos
- POT Upgrades
- Shade Structure
- Band Classroom
- Locker Rooms

1. The upper relocatable classrooms 11-16 are 24-28 years old and in need of replacement. The most cost effective solution would be to remove these buildings and construct a permanent classroom building in the same footprint.
2. All public schools are required to have a campus Path-of-Travel (POT) which meets ADA and CBC (California Building Code) requirements. Multiple portions of the POT on this campus are non-compliant and are required to be upgraded.
3. The playfields have recently been updated, but some additional upgrades are still needed, such as a spectator seating areas for joint use with local sports events.
4. A shade structure is needed for outdoor dining for students, which could be attached to the existing Cafeteria Building.
5. The girls and boys locker rooms are undersized and in need of updates and expansion.
6. Lower Parking lot is in need of being updated.
7. To plan for the future, solar panels could be added to the campus. There are multiple areas where panels could be installed, and the recently built two story classroom building was built with an area on the roof to be dedicated for installation of solar panels, with conduit already installed.

MARINA VILLAGE MIDDLE SCHOOL

PROPOSED WORK

The proposed changes to this campus, addressing the needs on the previous page, are listed in two phases, as described below and shown on the following pages:

PHASE 2 – CLASSROOM BUILDING / GYM EXPANSION / BAND RENOVATION

The work we recommend for this phase consists of:

- Replacement of relocatable classroom buildings (Rooms 11, 12, 13, 14, 15, and 16) with a new permanent classroom building.
- Addition of covered outdoor dining area attached to existing cafeteria.
- Expansion of Gym, adding Girls locker room, exercise room, and toilets
- Renovation of band classroom.
- Expansion of hard court play area.

OTHER PROJECTS

Additionally, the Rescue Union School District continue to work with the El Dorado Hills Community Services District (CSD) toward creating physical education and athletic fields that support the instructional goals of the District, and provide the community access to fields outside of school hours.

MARINA VILLAGE MIDDLE SCHOOL

ESTIMATED COSTS

| PHASE OF WORK | TOTAL ESTIMATED PROJECT COST | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS |
|--|------------------------------|-----------------------|-----------------------------------|
| PHASE 2 - CLASSROOM BUILDING / GYM EXPANSION / BAND RENOVATION | | | |
| <ul style="list-style-type: none"> • REPLACEMENT OF RELOCATABLE CLASSROOM BUILDINGS 11-16 WITH NEW PERMANENT CLASSROOM. • EXPANSION OF GYMNASIUM, ADDING GIRLS LOCKER ROOM, EXERCISE ROOM AND TOILETS, • ADDITION OF COVERED OUTDOOR DINING AREA ATTACHED TO EXISTING CAFETERIA • RENOVATION OF BAND CLASSROOM • EXPANSION OF HARD COURT PLAY AREAS | \$ 8,880,000.00 | \$ 68,768.00 | \$ 8,811,232.00 |
| TOTAL | \$ 8,880,000.00 | \$ 68,768.00 | \$ 8,811,232.00 |

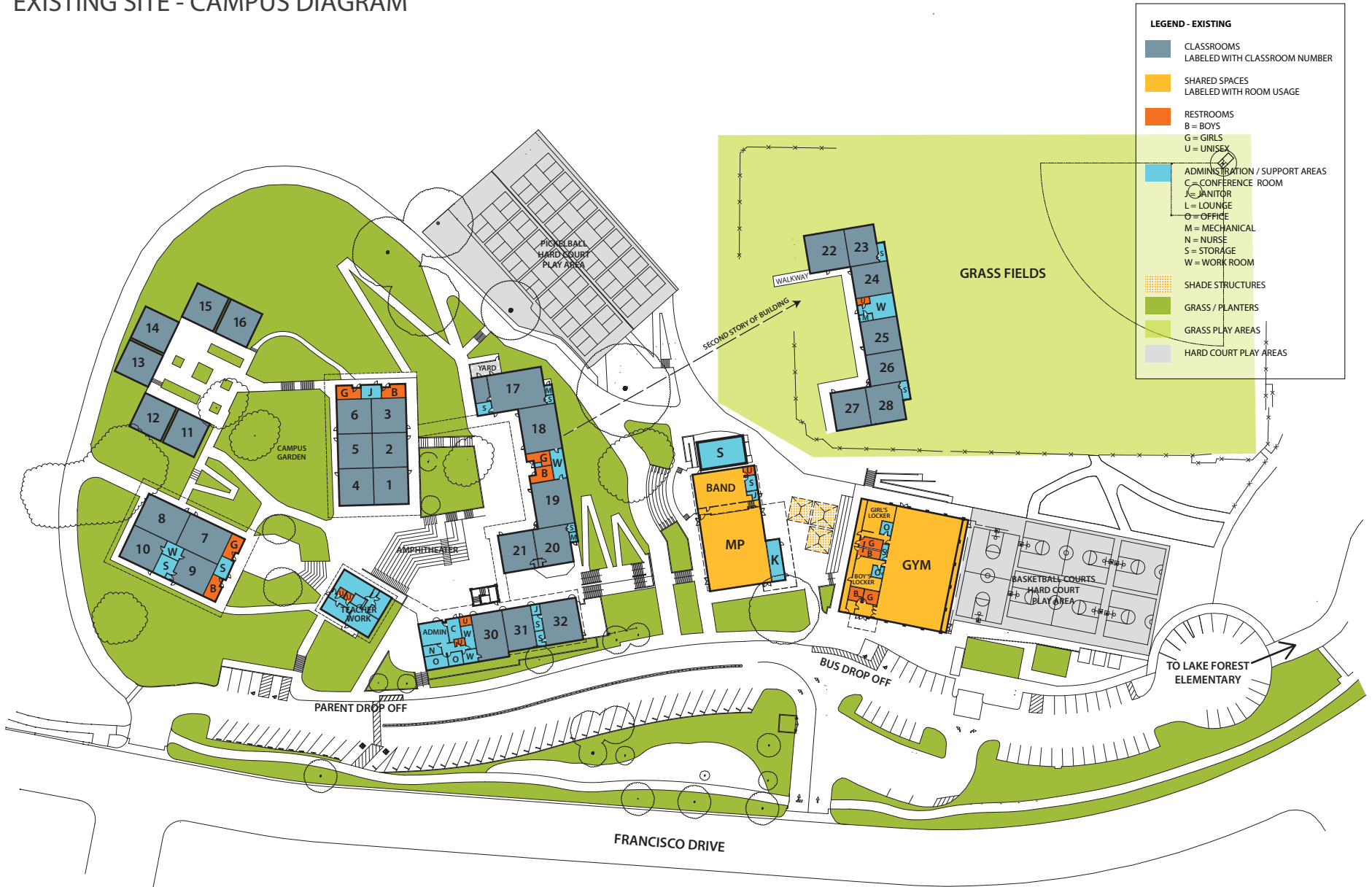
MARINA VILLAGE MIDDLE SCHOOL

EXISTING SITE



MARINA VILLAGE MIDDLE SCHOOL

EXISTING SITE - CAMPUS DIAGRAM

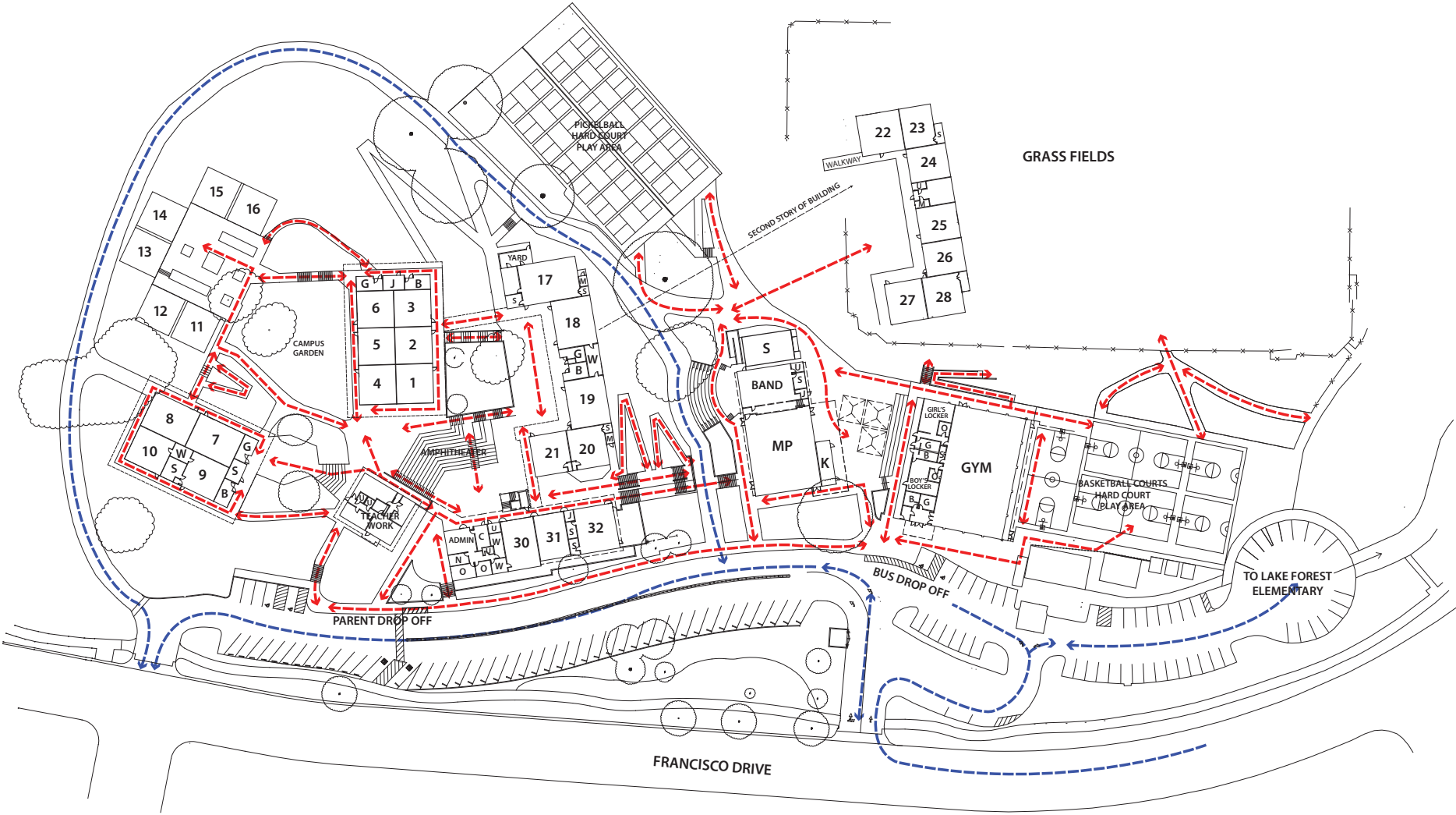


MARINA VILLAGE MIDDLE SCHOOL

EXISTING SITE - CAMPUS CIRCULATION

LEGEND

- - - STUDENT / PEDESTRIAN CIRCULATION
- - - TRAFFIC CIRCULATION



MARINA VILLAGE MIDDLE SCHOOL

PHASE TWO



| LEGEND - EXISTING | |
|---|---|
| | CLASSROOMS LABELED WITH CLASSROOM NUMBER |
| | SHARED SPACES LABELED WITH ROOM USAGE |
| | RESTROOMS B = BOYS G = GIRLS U = UNISEX |
| | ADMINISTRATION / SUPPORT AREAS C = CONFERENCE ROOM J = JANITOR L = LOUNGE O = OFFICE M = MECHANICAL N = NURSE S = STORAGE W = WORK ROOM |
| | GRASS / PLANTERS |
| | GRASS PLAY AREAS |
| | HARD COURT PLAY AREAS |
| LEGEND - NEW | |
| | NEW CLASSROOMS |
| | NEW RESTROOMS |
| | NEW SHARED SPACES |
| | NEW ADMIN / SUPPORT SPACES |
| | NEW SHADE STRUCTURE |
| | NEW PAVING |

PLEASANT GROVE MIDDLE SCHOOL

CAMPUS INFORMATION



QUICK FACTS

Location: 2540 Green Valley Road
Rescue, CA 95672
(530) 672-4400

Website: www.pleasantgrovepumas.org

Grades: 6th - 8th

2018 / 2019 Enrollment: 512 Students
- 166 in 6th Grade
- 185 in 7th Grade
- 161 in 8th Grade

Total Sq. Ft. of Buildings: 53,480

Total Acres of Campus: 25

APN #: 103-010-02 and 115-010-241

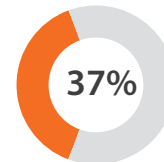
Pleasant Grove Middle School was opened in the fall of 2003, and is located on a 25 acre site on Green Valley Road, and serves students in grades six through eight. The District has been working with the El Dorado Union High School District to develop an educational park with a middle school of approximately 25 acres and a high school of approximately 50 acres. The project was known as the 'Joint Venture Project'. The new high school planned for this area has not been built. The District received 50% of the funding for this campus from the State Allocations Board (SAB). The balance of the project was completed using General Obligation Bond funds.

The campus has 22 permanent classrooms, 12 portable classrooms, library, gymnasium with locker rooms, kitchen, multi-purpose room, outdoor dining area, administration area, playfields and hardcourt play area.

There were 512 students enrolled for the 2018/2019 school year; 166 students in 6th grade, 185 students in 7th grade, and 161 in 8th grade.

PORTABLE CLASSROOMS

THIS CAMPUS HAS 12 PORTABLE CLASSROOMS AND 20 PERMANENT CLASSROOMS



OF CLASSROOMS ARE PORTABLES

CLASSROOM USAGE

THIS CAMPUS HAS 32 CLASSROOMS, CURRENTLY USED AS LISTED AND SHOWN BELOW:

| | |
|----|------------|
| 28 | LOADED |
| 2 | COUNTY |
| 2 | NOT LOADED |

| | | | | | |
|----|----|---|---|---|--|
| NL | NL | | | | |
| L | L | L | C | C | |
| L | L | L | L | L | |
| L | L | L | L | L | |
| L | L | L | L | L | |
| L | L | L | L | L | |
| L | L | L | L | L | |

PLEASANT GROVE MIDDLE SCHOOL

BUILDING INFORMATION

Listed in the table below, are the original and any associated modernization DSA Application numbers for all buildings on the campus.

| BUILDING / CLASSROOM | DESCRIPTION | ORIGINAL DSA APP # | CLOSED AND CERTIFIED BY DSA | MOD DSA APP # | CLOSED AND CERTIFIED BY DSA |
|--|--|--------------------|-----------------------------|---------------|-----------------------------|
| Building A (Classrooms) | One of the original classroom buildings on campus, housing 6 classrooms, girls and boys toilets, staff toilet, teacher resource room, storage, conference room, and miscellaneous support spaces. | 02-102553 | YES | - | - |
| Building B (Classrooms) B1 through B6 | The same floor plan as Building A, housing 6 classrooms, girls and boys toilets, staff toilet, teacher resource room, storage, conference room, and miscellaneous support spaces. | 02-102553 | YES | - | - |
| Building B (Classrooms) B7 through B10 | Four additional portable classrooms added behind Building B. | 02-104848 | NO | - | - |
| Building C (Classrooms) | The same floor plan as Buildings A and B, housing 6 classrooms, girls and boys toilets, staff toilet, teacher resource room, storage, conference room, and miscellaneous support spaces. | 02-102553 | YES | - | - |
| Building C (Classrooms) C7 through C10 | Four additional portable classrooms added behind Building C. | 02-104848 | NO | - | - |
| Buildings D (Classrooms) D1 through D4 | Four additional portable classrooms added south of the MP building. | 02-104848 | NO | - | - |
| Building F (Library / Computer Labs) | Part of the original campus, this building houses the Library and support spaces, along with a Computer Lab and Media Center. | 02-102553 | YES | - | - |
| Administration | Part of the original campus, this building houses all campus administration and includes offices, conference rooms, work rooms, toilets, and miscellaneous support spaces. | 02-102553 | YES | - | - |
| Multipurpose Building | Part of the original campus, this building contains a large multipurpose room, kitchen and misc. support spaces for food service, a stage, girls and boys toilets, a band classroom, and support spaces. | 02-102553 | YES | - | - |
| Gym / Lockers | Added to the campus in 2007, this building contains a full size Gym, Girls and Boys Locker rooms, toilets, storage, and miscellaneous support spaces. | 02-107629 | YES | - | - |

PLEASANT GROVE MIDDLE SCHOOL

CLASSROOM AND STUDENT USED INSTRUCTIONAL SPACES INVENTORY

| ROOM NUMBER | ROOM TYPE | ROOM USAGE | CURRENT GRADE 2018-2019 | PERM | PORT | ROOM SQ FT | L | NL | P | C | LOADING * | | |
|---------------|---------------|-----------------------|-------------------------|-----------|-----------|------------|-----------|----------|----------|----------|-----------|------------|------------|
| | | | | | | | | | | | IDEAL | MAXIMUM | |
| A-1 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| A-2 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| A-3 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| A-4 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| A-5 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| A-6 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| B-1 | Classroom | Leadership | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| B-2 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| B-3 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| B-4 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| B-5 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| B-6 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| B-7 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| B-8 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| B-9 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| B-10 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| C-1 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| C-2 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| C-3 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| C-4 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| C-5 | Classroom | Classroom (County) | 6th / 7th / 8th | 1 | | 960 | | | | 1 | | - | - |
| C-6 | Classroom | Classroom | 6th / 7th / 8th | 1 | | 960 | 1 | | | | | 30 | 31 |
| C-7 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| C-8 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| C-9 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| C-10 | Classroom | Classroom | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| D-1 | Classroom | Storage / PE | 6th / 7th / 8th | | 1 | 960 | | 1 | | | | 30 | 31 |
| D-2 | Classroom | After School (County) | 6th / 7th / 8th | | 1 | 960 | | | | 1 | | - | - |
| D-3 | Classroom | PLTW | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| D-4 | Classroom | PLTW | 6th / 7th / 8th | | 1 | 960 | 1 | | | | | 30 | 31 |
| F-1 | Computer Lab | Computer Lab | 6th / 7th / 8th | 1 | | 1,162 | | 1 | | | | - | - |
| F-2 | Classroom | Library Office | - | 1 | | 756 | | 1 | | | | - | - |
| Library | Library | Library | 6th / 7th / 8th | 1 | | 2,650 | | 1 | | | | - | - |
| Band | Band | Band Classroom | 6th / 7th / 8th | 1 | | 1,720 | 1 | | | | | 30 | 31 |
| Stage | Stage | Stage | 6th / 7th / 8th | 1 | | 970 | | 1 | | | | - | - |
| MP | Multi-Purpose | Multi-Purpose | 6th / 7th / 8th | 1 | | 4,640 | | 1 | | | | - | - |
| Gym | Gym | Gym | 6th / 7th / 8th | 1 | | 6,272 | | 1 | | | | - | - |
| TOTALS | | | | 20 | 12 | | 28 | 2 | - | 2 | | 870 | 899 |

* LOADING NUMBERS ARE PER DISTRICT CONTRACT AGREEMENTS. TOTALS DO NOT EQUAL CURRENT ENROLLMENT NUMBERS PREVIOUSLY LISTED.

SPACES SHOWN IN ORANGE ARE NOT COUNTED TOWARDS CLASSROOM TOTALS.

PLEASANT GROVE MIDDLE SCHOOL

ADMINISTRATION AND SUPPORT SPACE INVENTORY

| BUILDING | ROOM NUMBER / TYPE | ROOM USAGE | PERM | PORT | SQ FT |
|-----------|--|----------------------------------|------|------|-------|
| A | Teacher Resource and Conference Room | Teacher Resource | | | 720 |
| | Storage, Janitor | Support Spaces | 1 | | 427 |
| | Restrooms (Staff, Girl's, and Boy's) | Restrooms | | | 418 |
| B | Teacher Resource and Conference Room | Teacher Resource | | | 720 |
| | Storage, Janitor | Support Spaces | 1 | | 427 |
| | Restrooms (Staff, Girl's, and Boy's) | Restrooms | | | 418 |
| C | Teacher Resource and Conference Room | Teacher Resource | | | 720 |
| | Storage, Janitor | Support Spaces | 1 | | 427 |
| | Restrooms (Staff, Girl's, and Boy's) | Restrooms | | | 418 |
| D (Admin) | Administration, Offices, Nurse, Counseling, Conference | Administration | | | 3,065 |
| | Staff Room / Work Room | Staff Room / Work Room | 1 | | 1,392 |
| | RSP / Conference | RSP / Conference | | | 768 |
| | Restrooms | Restrooms | | | 472 |
| MP | Kitchen, Serving, Storage | Kitchen | | | 2,950 |
| | Restrooms (Staff, Girl's, and Boy's) | Restrooms | 1 | | 636 |
| | Storage | Support Spaces | | | 840 |
| Library | Work Room | Work Room | | | 202 |
| | Restroom (Staff) | Restroom | 1 | | 60 |
| | Storage, Janitor | Support Spaces | | | 396 |
| Gym | Girl's Locker Room and Restrooms | Girl's Locker Room and Restrooms | | | 920 |
| | Boy's Locker Room and Restrooms | Boy's Locker Room and Restrooms | | | 920 |
| | Restrooms | Restrooms | 1 | | 684 |
| | Offices / Storage / Janitor | Support Spaces | | | 1,530 |

PLEASANT GROVE MIDDLE SCHOOL

PHOTOS OF EXISTING CAMPUS



VIEW OF ADMINISTRATION BUILDING



VIEW OF CLASSROOM BUILDING A



VIEW OF CLASSROOM BUILDING C



VIEW OF CENTER OF CAMPUS



VIEW OF CAMPUS CENTRAL AMPHITHEATER



VIEW OF GYMNASIUM BUILDING



VIEW OF MULTIPURPOSE BUILDING FROM CENTRAL AMPITHEATER



VIEW OF BACK SIDE OF MULTIPURPOSE BUILDING WITH OUTDOOR SEATING



VIEW OF PLAYFIELDS

PLEASANT GROVE MIDDLE SCHOOL

AREAS OF DEFICIENCY



SIGNS OF LEAKING / WATER DAMAGE AT MULTIPURPOSE BUILDING



EVIDENCE OF WATER DAMAGED STUCCO



CLOSE UP VIEW OF WATER DAMAGED STUCCO



CLOSE UP VIEW OF WATER DAMAGED STUCCO



CLOSE UP VIEW OF WATER DAMAGED STUCCO



WATER DAMAGED STUCCO AND WINDOW LEAKING



VIEW OF WATER DAMAGED STUCCO AND SOFFIT DAMAGE



DAMAGED / CRACKED TENNIS COURT PAVING SYSTEM



CLOSE UP VIEW OF DAMAGED / CRACKED TENNIS COURT PAVING SYSTEM

PLEASANT GROVE MIDDLE SCHOOL

SITE ANALYSIS

As this is a fairly new campus, there were no additional needs to address with the District and site staff. However, after walking the site, we did come up with a few items to be brought to the attention of the District and site staff:

SUMMARY OF NEEDS:

- Water damaged stucco is in need of repair, and leak should be detected.
- Tennis court surfacing to be repaired or replaced

1. Multiple buildings show water damage, at the stucco exterior finish. This could be due to extreme weather during the 2016-2017 winter, or could be an indication of a roof or gutter failure.
2. There also appears to be soffit damage on a few buildings due to water damage.
3. The outdoor track is in need of repair and/or replacement.
4. The playfields are in need of replacement.
5. The tennis court surfacing is deteriorating and is cracked in many areas. It appears that a crack fill was applied at some point, but weeds have broken through this fill, and the cracks are opening up again.

PLEASANT GROVE MIDDLE SCHOOL

ESTIMATED COSTS

| PHASE OF WORK | TOTAL ESTIMATED PROJECT COST | ESTIMATED STATE FUNDS | ESTIMATED DISTRICT MATCHING FUNDS |
|---|------------------------------|-----------------------|-----------------------------------|
| PHASE 2 - EXTERIOR IMPROVEMENTS AND FIRE ALARM | | | |
| <ul style="list-style-type: none"> • TECH EXPLORATION / LUNCH CANOPY • TRACK AND FIELD IMPROVEMENTS, INCLUDING NEW SYNTHETIC TRACK SURFACE • REPAIR OF TENNIS COURT SURFACING • CAMPUS WIDE FIRE ALARM UPGRADES, ELECTRICAL INFRASTRUCTURE UPGRADES, AND TECHNOLOGY (LOW VOLTAGE) CABLING UPGRADES. | \$ 3,800,000.00 | - | \$ 3,800,000.00 |
| TOTAL | \$ 3,800,000.00 | - | \$ 3,800,000.00 |

PLEASANT GROVE MIDDLE SCHOOL

EXISTING SITE - AERIAL



PLEASANT GROVE MIDDLE SCHOOL

EXISTING SITE - CAMPUS DIAGRAM

LEGEND

- CLASSROOMS
Labeled with classroom number
- SHARED SPACES
Labeled with room usage
- RESTROOMS
B = BOYS
G = GIRLS
U = UNISEX
- ADMINISTRATION / SUPPORT AREAS
C = CONFERENCE ROOM
D = DATA
E = ELECTRICAL
J = JANITOR
L = LOUNGE
O = OFFICE
M = MECHANICAL
N = NURSE
S = STORAGE
W = WORK ROOM
- GRASS / PLANTERS
- GRASS PLAY AREAS
- HARD COURT PLAY AREAS

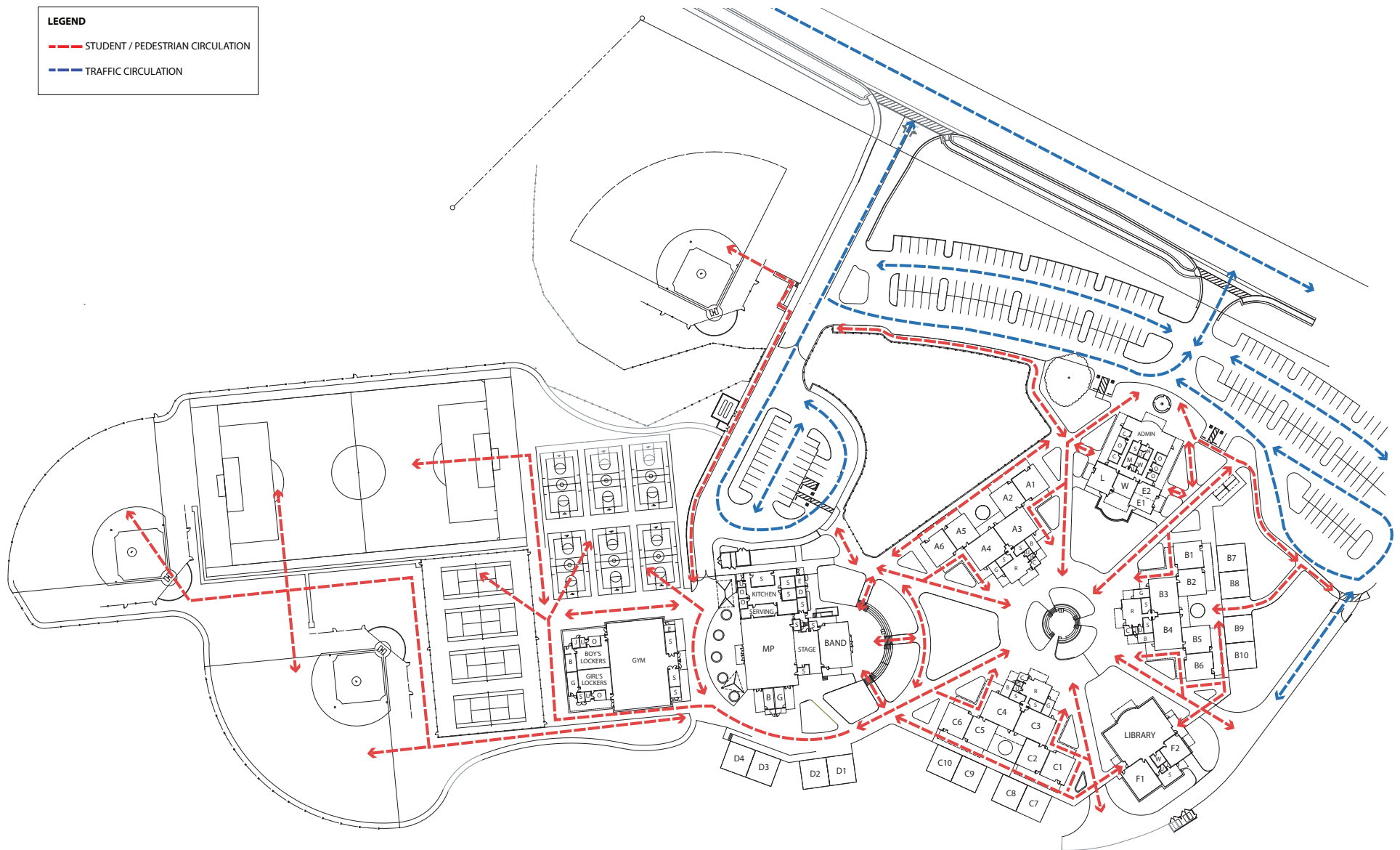


PLEASANT GROVE MIDDLE SCHOOL

EXISTING SITE - CAMPUS CIRCULATION

LEGEND

- STUDENT / PEDESTRIAN CIRCULATION
- TRAFFIC CIRCULATION



PLEASANT GROVE MIDDLE SCHOOL

PHASE TWO

LEGEND

- CLASSROOMS
Labeled with classroom number
- SHARED SPACES
Labeled with room usage
- RESTROOMS
B = BOYS
G = GIRLS
U = UNISEX
- ADMINISTRATION / SUPPORT AREAS
C = CONFERENCE ROOM
D = DATA
E = ELECTRICAL
J = JANITOR
L = LOUNGE
O = OFFICE
M = MECHANICAL
N = NURSE
S = STORAGE
W = WORK ROOM
- GRASS / PLANTERS
- GRASS PLAY AREAS
- HARD COURT PLAY AREAS
- NEW TRACK SURFACING



SIENNA RIDGE PROPERTY

INFORMATION



The District purchased the Sienna Ridge property near the corner of Bass Lake Road and Serrano Parkway in 2015 for future District expansion needs. This property makes for an ideal school site and was extremely reasonably priced. The California Department of Education (CDE) visited the site and provided an initial site approval.

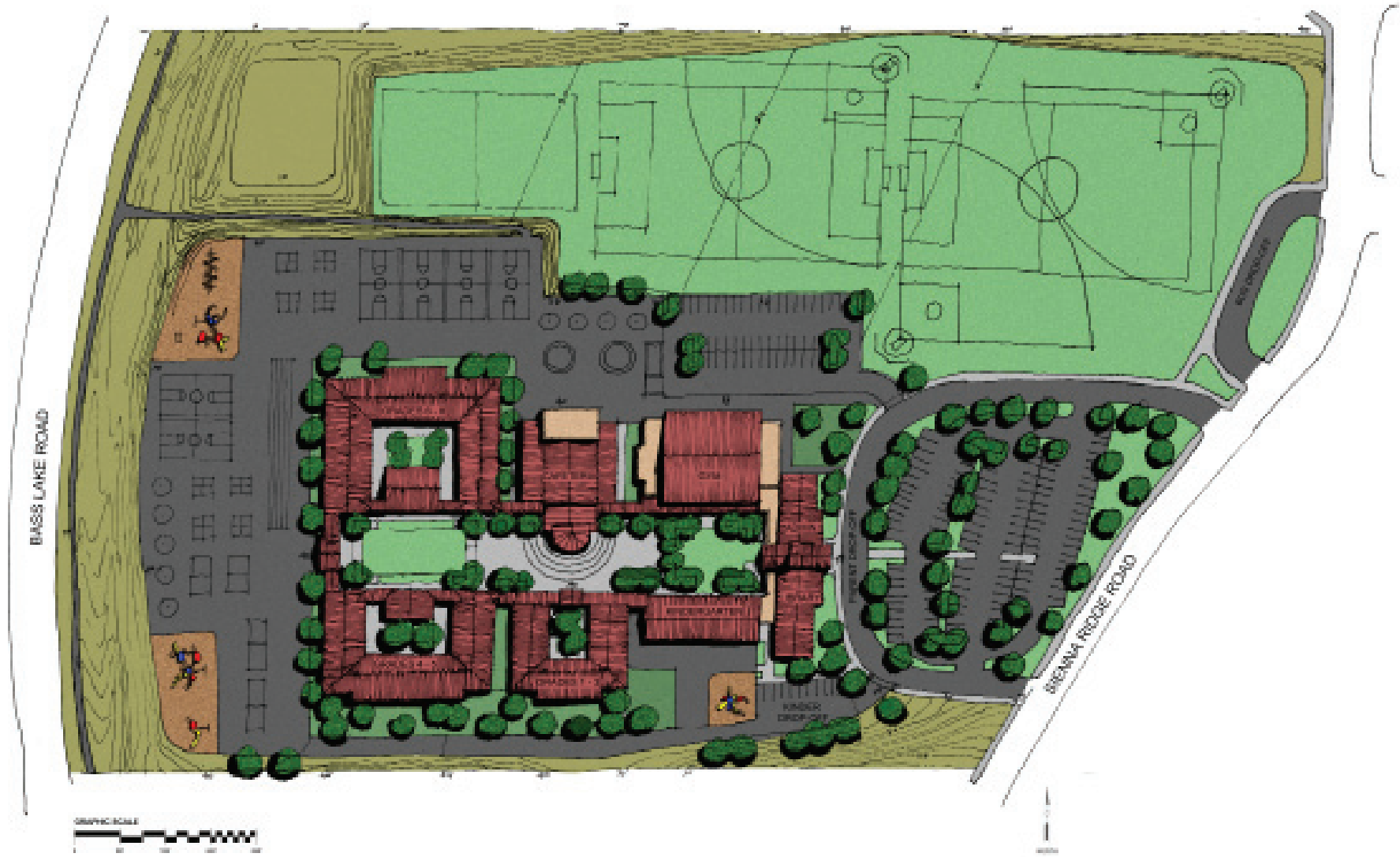
The plan is for a K-8 school to be constructed on this property in which to serve the development in the Upper Serrano and Bass Lake areas. The student capacity for this campus is planned for 800 students.

QUICK FACTS

| | |
|------------------------|---|
| Location: | Bass Lake Road and Serrano Parkway El Dorado Hills, CA 95672 |
| Proposed Grades: | K-8 |
| Enrollment Projection: | 800 students |
| Total Acres: | 21 |
| APN #: | 115-040-06-10 and 115-040-08-10 |

SIENNA RIDGE PROPERTY

INITIAL MASTER PLAN





Prepared for the Rescue Union School District by:

California Design West Architects, Inc.

2100 19th Street

Sacramento, CA 95818

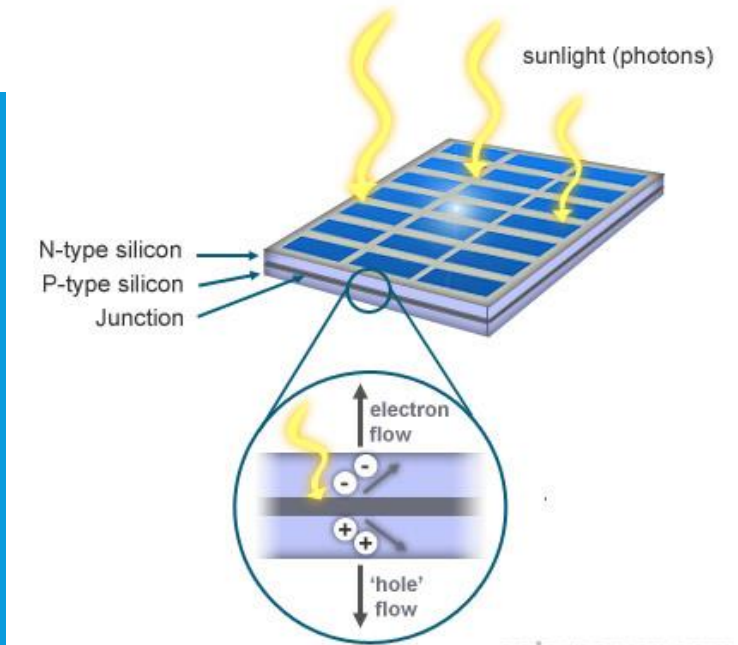
916.446.2466

www.ca-dw.com



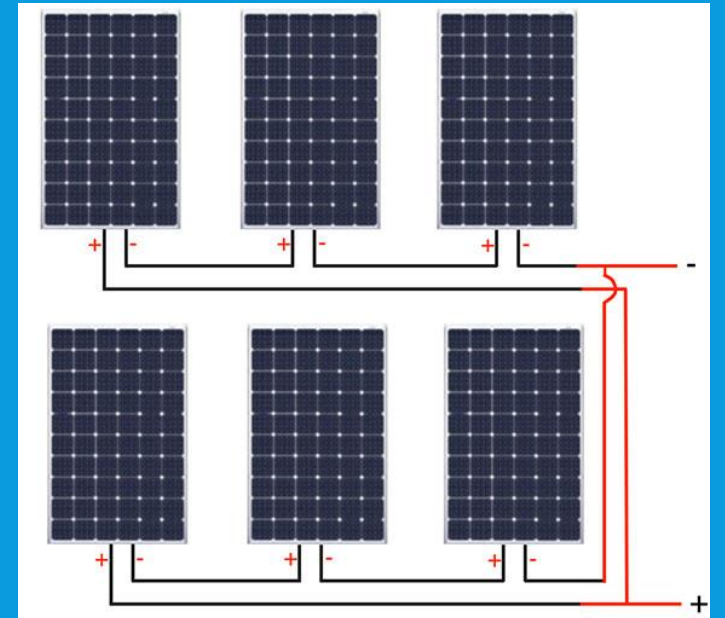
EXPLORING SOLAR ENERGY

GENERATING ELECTRICITY – PHOTOVOLTAICS (PV)



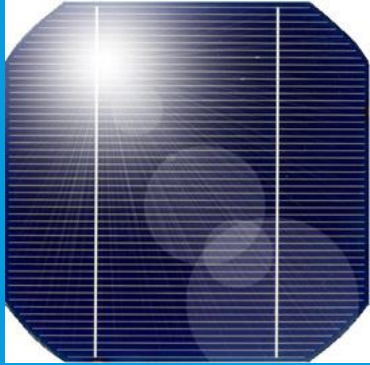
Solar energy is the sun's rays (solar radiation) that reach the Earth and can be converted into other forms of energy, such as heat and electricity. When sunlight hits the photovoltaic (PV) cell, electrons are separated from the atoms on the cell surface. The separation of electrons causes a positive and negative charge between the front and back of the cell. This difference in the charge makes electricity.

- Crystalline silicon wafer convert light energy directly into electrical energy
- Multiple silicon wafers are connected together and protected from the elements in a solar module
- Multiple photo voltaic {PV} modules are connected in series to form a "string"



GENERATING ELECTRICITY – PV TERMINOLOGY

Cell



Panel



Array



Central Inverter



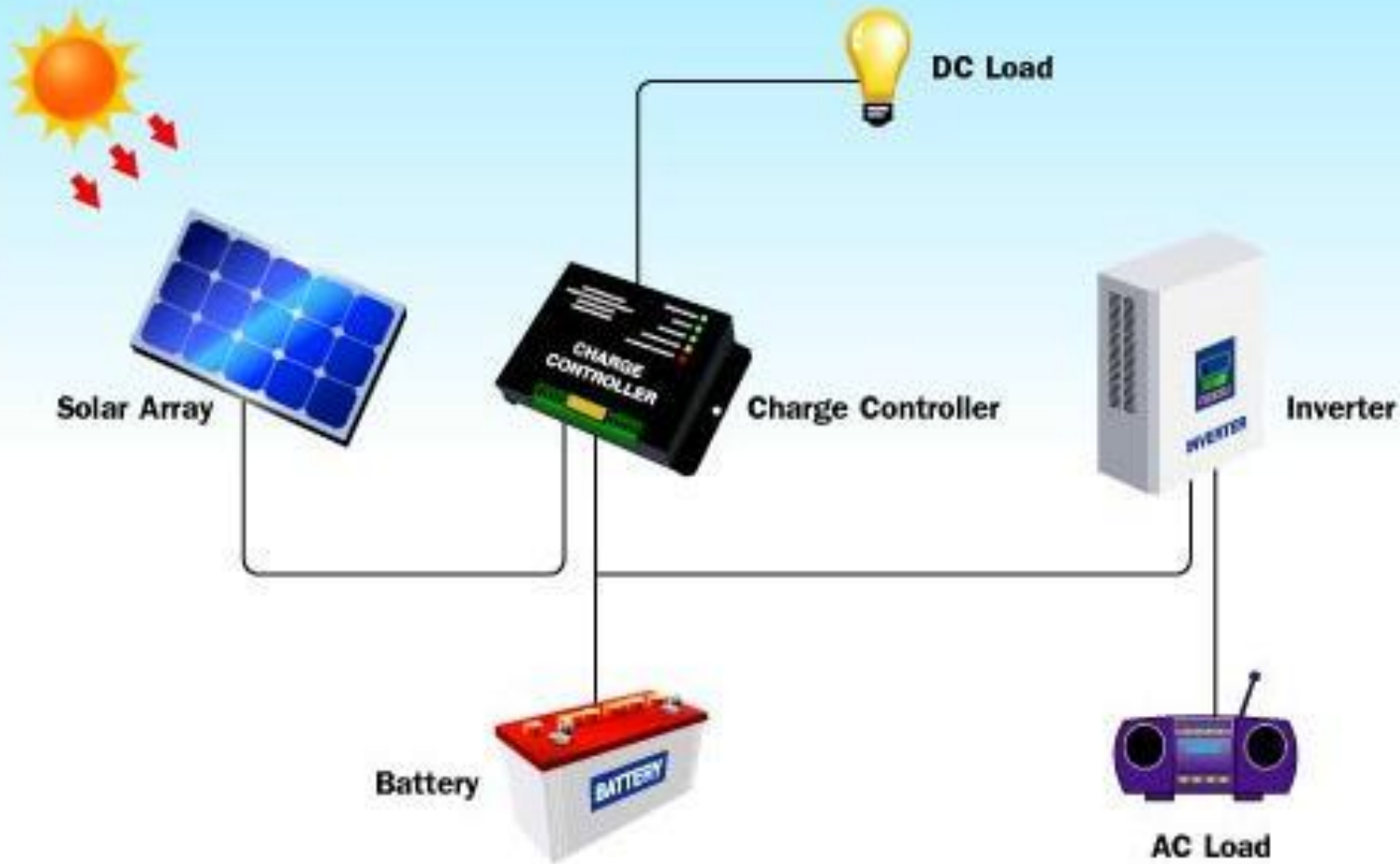
String Inverter



Micro Inverter



GENERATING ELECTRICITY – PV SYSTEM COMPONENTS



- Solar Array Generates DC Power
- Can be used to Charge Battery or Power DC Loads
- Or turned into AC Power with an Inverter to Power AC Loads.

ADVANTAGES OF SOLAR

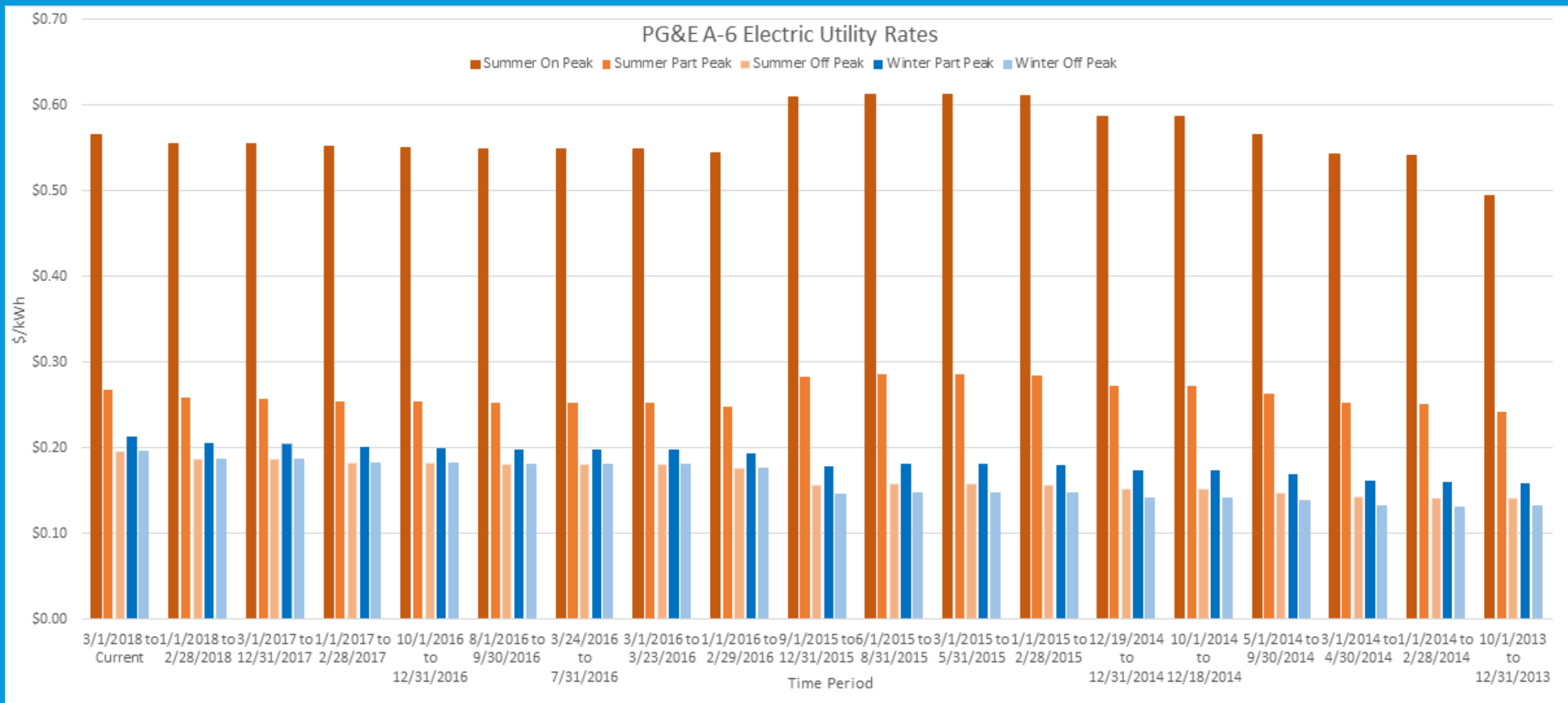
- Generation of the District's own energy, which reduces utility costs and fluctuations in utility increases
- Use of a truly renewable energy source – Once installed, the fuel will always be free
- Low maintenance costs due to no moving parts (typically 1-1.5%)
- Long warranty of 25 years for panels and 10-20 years for major equipment
- Promote the use of clean, renewable energy sources, reducing pollution from energy consumption
- Use for educational opportunity for students about renewable energy technology and benefits
- Energy redundancy

Disadvantages:

- Inefficient
- Expensive to Install
- Part Time – Not Available at Night

29% INCREASE FROM 2013 TO 2018

15% INCREASE FROM 2015-2018



ROOF MOUNTED

- Requires DSA approval
- Newer Roof desirable
- 2nd most affordable system
- May require structural upgrades due to weight



PARKING STRUCTURES

- Requires DSA approval
- Provides shade and rain protection
- Lighting can be added to enhance campus safety

GROUND MOUNT

- Most affordable
- Requires open space
- DSA Exempt

SHADE STRUCTURE



- DSA approval required
- Creates shade and open classroom environment
- Under lighting can be installed to enhance campus safety



ZERO NET ENERGY

The states plan to become ZNE

- All new residential construction will be ZNE 2020
- All new commercial and state construction will be ZNE 2030
- 50% of all commercial buildings will be retrofit to ZNE by 2030
- 50% of new renovations of state buildings will be ZNE by 2025

DEFINITIONS OF ZNE for Schools

- ZNE Campus – An energy –efficient building where, on a source energy basis, the actual annual consumed energy is less than or equal to the onsite renewable generated energy



<http://www.cpuc.ca.gov/ZNE/>

PPA - POWER PURCHASE AGREEMENT

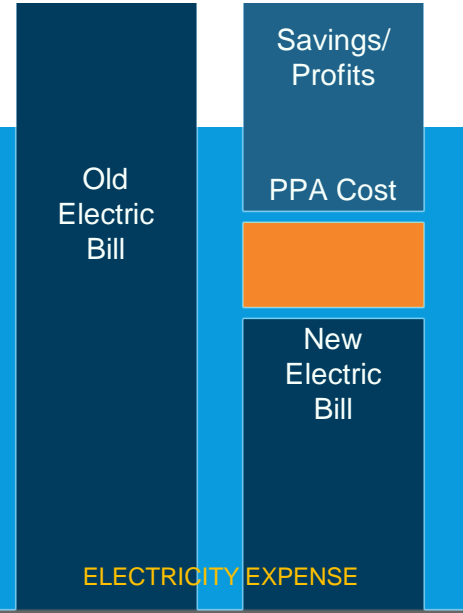
Power Purchase Agreement



For Energy Generation Only
(i.e. Solar, Wind, Co-gen)

- Funds 100% of total project costs
- Third-party ownership of energy generation
- Pay-for-performance structure
- Covers construction, O&M, M&V
- Off-balance sheet accounting
- Minimum of \$1MM
- Can include up to 10% of Value in other scope.
- Escalation costs and length of contract

OWN VS POWER PURCHASE AGREEMENT



OWN

PRO

Take advantage of over production

State modernization match

Manage operation

CON

Capital cost

Asset on the books

O&M scope (services available)

PPA

PRO

No upfront cost

No maintenance costs

CON

Tied to long term contract

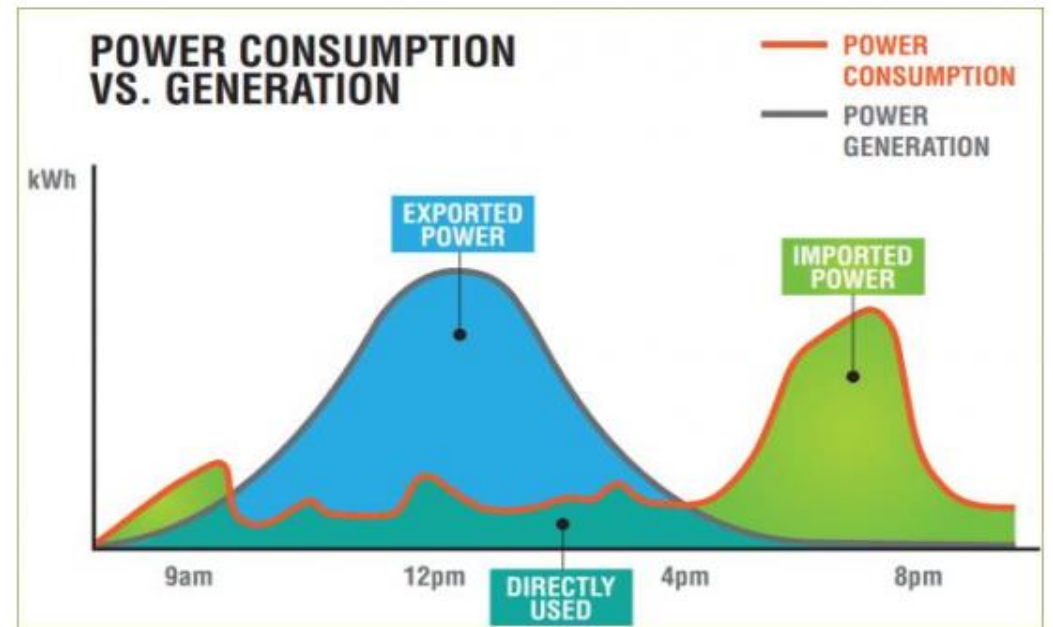
No state match

No over production savings

TIMELINE INCENTIVE

Net Energy Metering

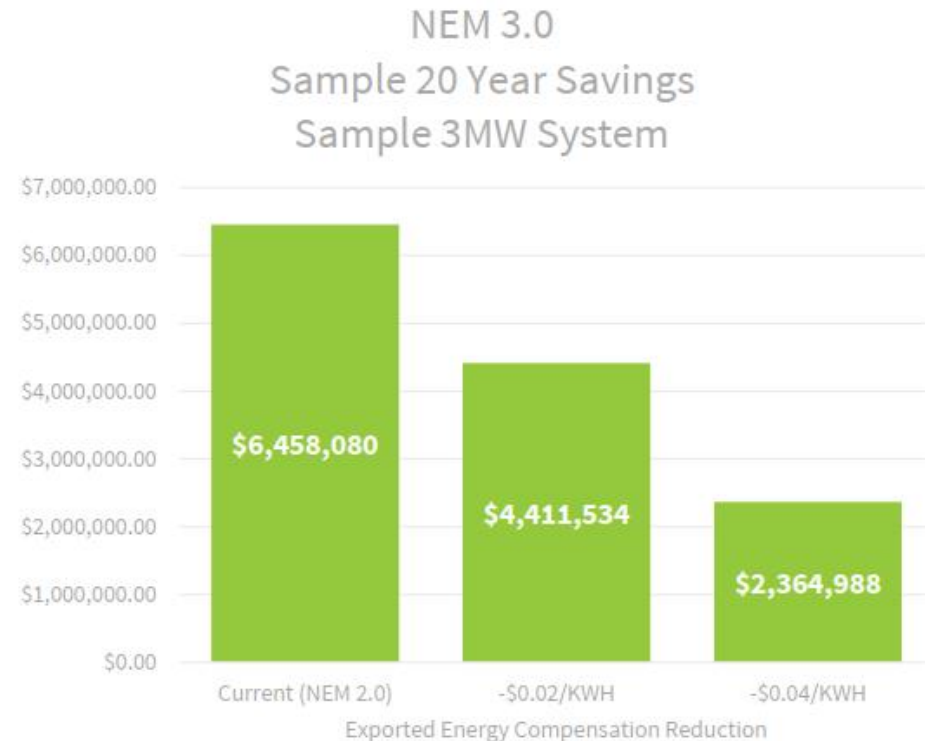
- **NEM 1.0 - Past**
 - Exported Energy Value: Full Retail Rate
 - 2009 - 2016
- **NEM 2.0 - Current**
 - Exported Energy: Full Retail \$0.02/kWh
 - 2016 - 2021 (est)
- **NEM 3.0 - Future**
 - Exported Energy Value: ???
 - Proceedings Open
 - Starts ~2021 (est)



TIMELINE INCENTIVE

NEM 3.0 - What to Expect?

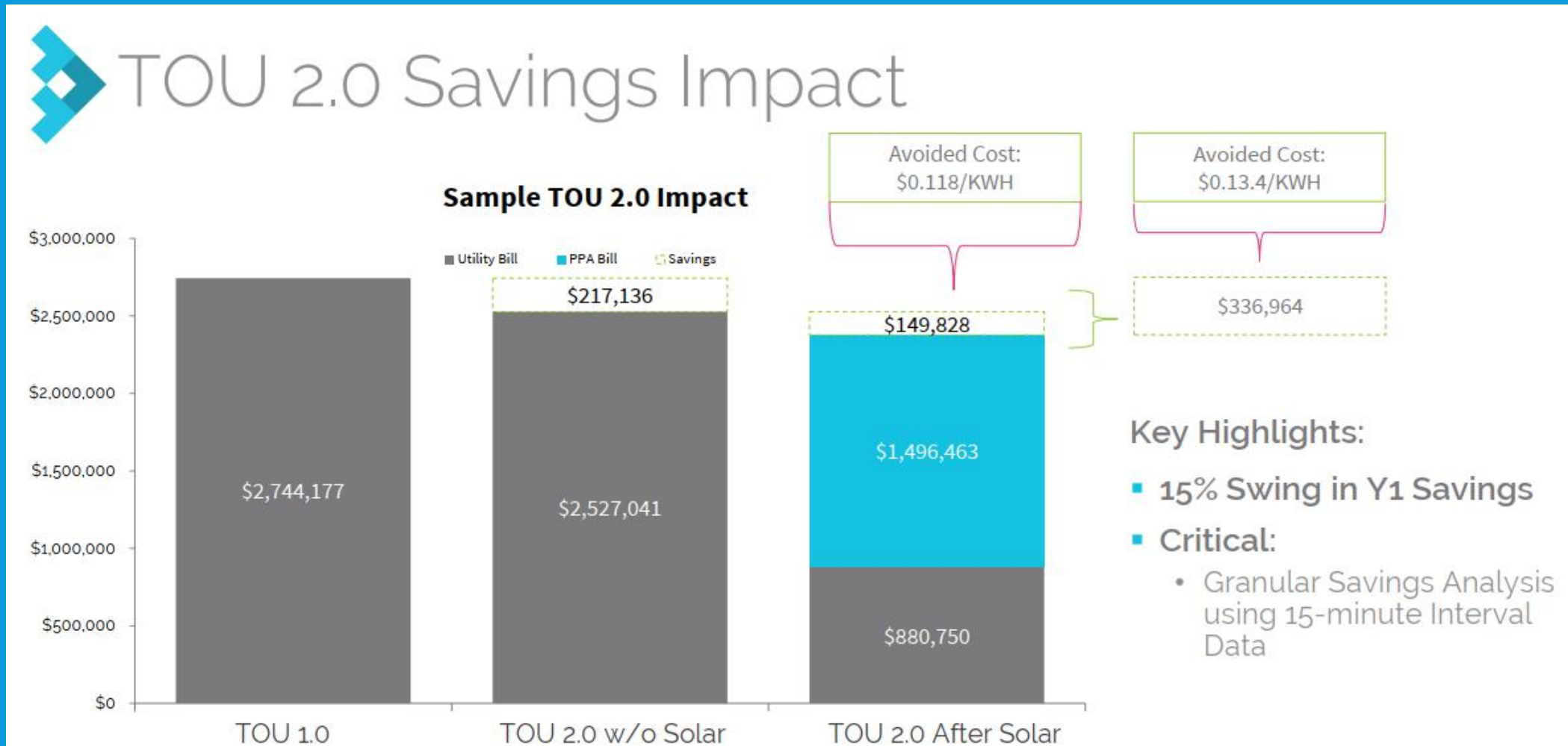
- **Exported Solar Energy**
 - "Energy Sent back to the grid"
- **NEM 2.0 – Current:**
 - Full Retail Rate - \$0.02/KWH
 - "Non-Bypassable Charges"
 - Save \$6.4 million
- **NEM 3.0 – Future ???**
 - Guesses for Exported Energy Compensation
 - -\$0.02/KWH
 - -\$0.04/KWH
 - 30%-65% Reduction in Savings



TIME OF USE SAVINGS IMPACT (PEAK TIME)

Peak Time of Use (TOU) will be changing from 12-6 to 4-9.

Will lower overall cost to district but decrease value of solar.



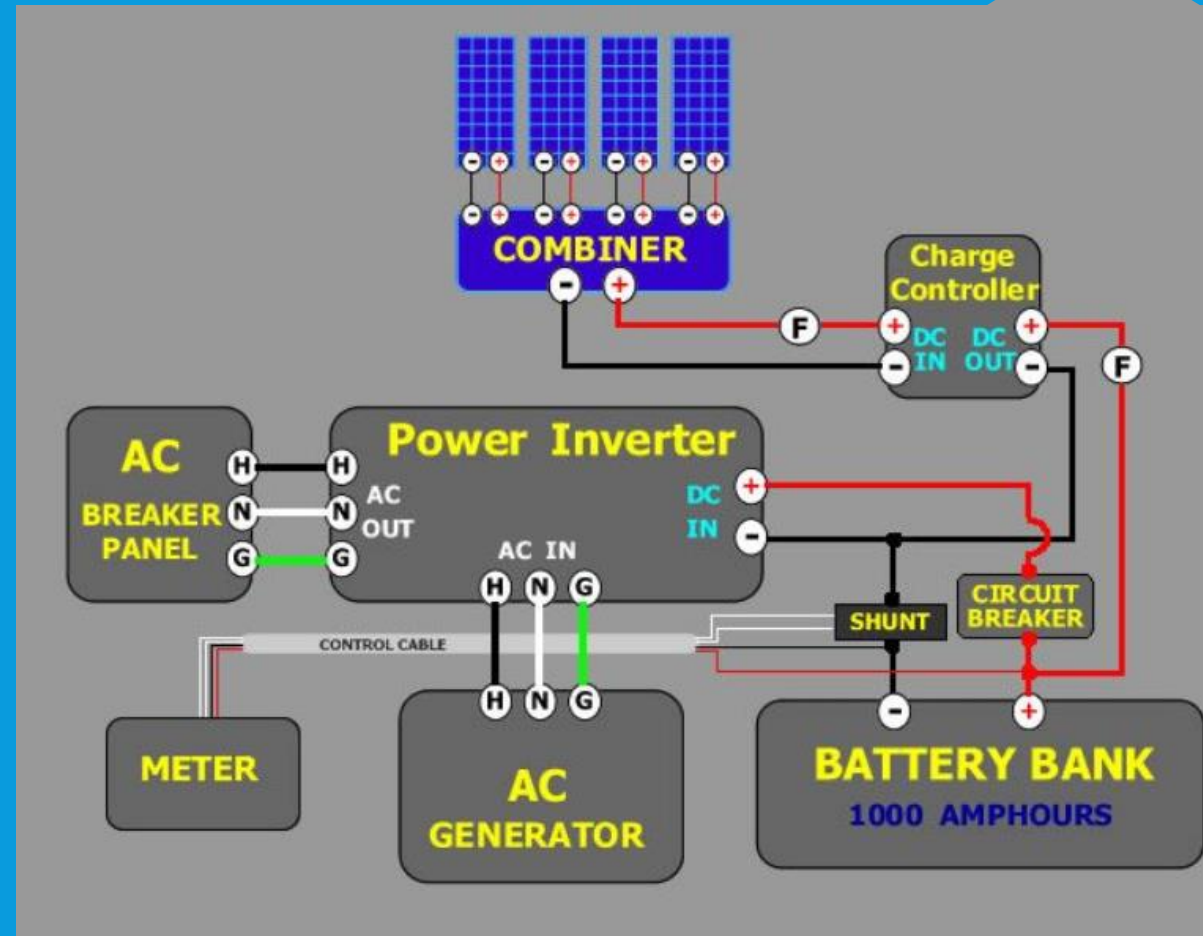
PUBLIC SAFETY POWER SHUT OFF

- IS YOUR DISTRICT PREPARED TO ENDURE UTILITY PUBLIC SAFETY POWER SHUTOFFS?

Keeping your operations up and running when the entire electrical network goes down is a bold idea. Even more so if you use renewable energy sources. Microgrids hold the key to resilience, optimized energy costs, and sustainability.

EMERGENCY BACKUP POWER will keep your lights on while utilities shut power off during wildfires and other natural disasters . Picking “critical zones” can allow the district to keep school open, and protect other valuable resources like district servers and cafeteria food.

Requires re-wiring of critical systems which is costly



SAVINGS POTENTIAL FOR RESCUE

| Facility / Building Name | Gross Square Feet | Annual Energy Costs | Energy Cost per Sq/Ft | Post Retrofit - Energy Conservation | | Generation |
|--------------------------|-------------------|---------------------|-----------------------|-------------------------------------|-------------------|-------------------|
| | | | | Targeted per Sq/Ft | \$ Savings | \$ Savings |
| District Office | 4,398 | \$ 10,245 | \$ 2.33 | \$ 1.25 | \$ 4,748 | \$ 4,673 |
| Green Valley School | 48,117 | \$ 105,564 | \$ 2.19 | \$ 1.25 | \$ 45,418 | \$ 51,124 |
| Jackson School | 43,665 | \$ 71,559 | \$ 1.64 | \$ 1.25 | \$ 16,978 | \$ 46,394 |
| Lake Forest | 43,127 | \$ 62,515 | \$ 1.45 | \$ 1.25 | \$ 8,606 | \$ 45,822 |
| Lakeview | 49,638 | \$ 65,103 | \$ 1.31 | \$ 1.25 | \$ 3,056 | \$ 52,740 |
| Pleasant Grove | 53,480 | \$ 159,148 | \$ 2.98 | \$ 1.25 | \$ 92,298 | \$ 56,823 |
| Rescue | 46,417 | \$ 83,186 | \$ 1.79 | \$ 1.25 | \$ 25,165 | \$ 49,318 |
| Marina | 55,940 | \$ 115,124 | \$ 2.06 | \$ 1.25 | \$ 45,199 | \$ 59,436 |
| Totals: | 344,782 | \$ 672,444 | \$ 1.95 | \$ 1.25 | \$ 241,467 | \$ 366,331 |

36%

54%

| | |
|-----------------------------|-------------------|
| Total Annual Savings | \$ 607,797 |
|-----------------------------|-------------------|

90%



Timeline for Bond and Future Facility Needs

- **August 2019**
 - Study Session - Finalize Master Facility Report. Discuss project scope, budget, and community outreach.
- **September 2019**
 - Continue community outreach
 - Identify members for campaign & signers for ballot measure
 - Reach out to special interest groups/community service/taxpayer/elected officials and share district's direction and needs
 - Work with Finance Team to finalize
 - Bond Finance details
 - RFP for Underwriter/legal counsel/etc.
- **October/November 2019**
 - Hold Stakeholder meetings
 - Use these meetings to gather additional "Highlight" Projects for each site
 - Prepare Bond documents
 - Board Resolution Calling for Election
 - Ballot Language
 - Project List
 - Tax rate Statement
- **November 2019**
 - Regular Meeting – Resolution Calling for Election
 - District staff must be trained on allowable activities during campaign
- **December 2019 –**
 - Submit resolution to elections department
 - Prepare Argument in favor
 - Will need to have signers
 - Create campaign committee and start campaign
- **January – March 2020**
 - Run Campaign
- **February 2020**
 - Mail Ballots received
- **March 3, 2020**
 - Election
 - Or Wait for November election...