



# CVUSD | *Facilities Master Plan*

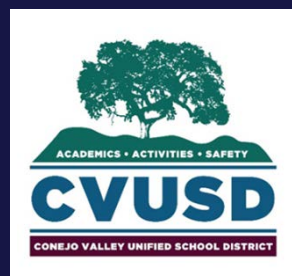
CVUSD - NEWBURY PARK COMPLEX

## Cypress Elementary | *Survey*

4200 Kimber Drive | Newbury Park, CA 91320

Conejo Valley Unified School District

April 5, 2017



NAC Architecture

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## Existing Site Summary

### Neighborhood:

Cypress Elementary School is located in Newbury Park, bound by Kimber Drive to the north, Havenside Avenue to the east, and Cypress Park at the south. The campus is nestled in a residential neighborhood, with the closest major intersection at Borchard Road and South Reino Road.

### Instruction:

Cypress Elementary School currently serves 335 students from Transitional Kindergarten through 5<sup>th</sup> grade. In addition to their general education instruction, the campus has a particularly successful Visual and Performing Arts program. Extracurricular and after-school programs include the Student Council and the Caring Cubs Club. Made possible by strong parent and community involvement, students benefit from The Art Master's Program, Carnival, and family nights.

### Summary of Facilities:

Built in 1974, the Administration Building, classroom buildings and restroom buildings are largely well maintained and in good working condition. These structures are quite unique in character and material. Their circular, petal-like forms and masonry construction create a campus that is warm and intimately scaled. Wood framed walkways and wood trellises provide cover for the students. They are, however, weathered and in need of repair. The Multipurpose Building was constructed in 1994, and provides adequate facilities. The attached lunch shelter does not provide sufficient shade and is undersized for lunchtime needs. The circulation space between the kindergarten classroom building and the Multipurpose Building proves inadequate during congested lunch periods. The main exterior play areas are generous. To the south and east of the campus core are striped hardcourts and two play structure zones. Southeast of that is a turf playfield. At the center of the classroom buildings is a sheltered courtyard that several classrooms open onto.

### Building Systems:

Multi-zone HVAC equipment is used on the campus, one unit per building. Approximately 90 percent of the equipment is original. The plumbing system appears to be well maintained and functioning adequately. Electrical service to the site is original but still appears adequate. Lifecycle replacements of electrical system components such as transformers, switchgear and panels are anticipated and recommended by the recently completed Facility Condition Assessment (3/21/2016 draft version).

### Technology:

The campus technology needs are largely met. Classrooms are equipped with Promethean boards (interactive whiteboards), and they are working well. There are some concerns however about the performance of the recently installed Wi-Fi; staff believes inadequate bandwidth may be the issue.

### Energy:

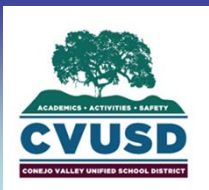
There are currently no renewable energy systems installed on campus. Gas and electricity use across the past 3 years are relatively consistent indicating similar demands and the unlikelihood of gas leaks and/or errant electricity use. Water use data for the past 3 years does indicate a steady declination. This could be attributed to water reduction measures taken in response to the recent state drought. It could also indicate previous leaks and/or excessive water use that have recently been corrected.

### Site Attributes:

The masonry, exposed wood and organic shape of the main structures on campus set this school apart from others in the District. The diversity of play spaces on the site create for a varied outdoor environment, where students sit and read, or jump and run. The adjacency to Cypress Park provides opportunities for Joint Use and extended areas for play if needed by the school. Inside the buildings, classrooms are adequately sized. The unique hexagon shaped rooms provide teachers opportunities to create multiple 'fronts' to their classroom.

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## Existing Site Summary

### Site Opportunities:

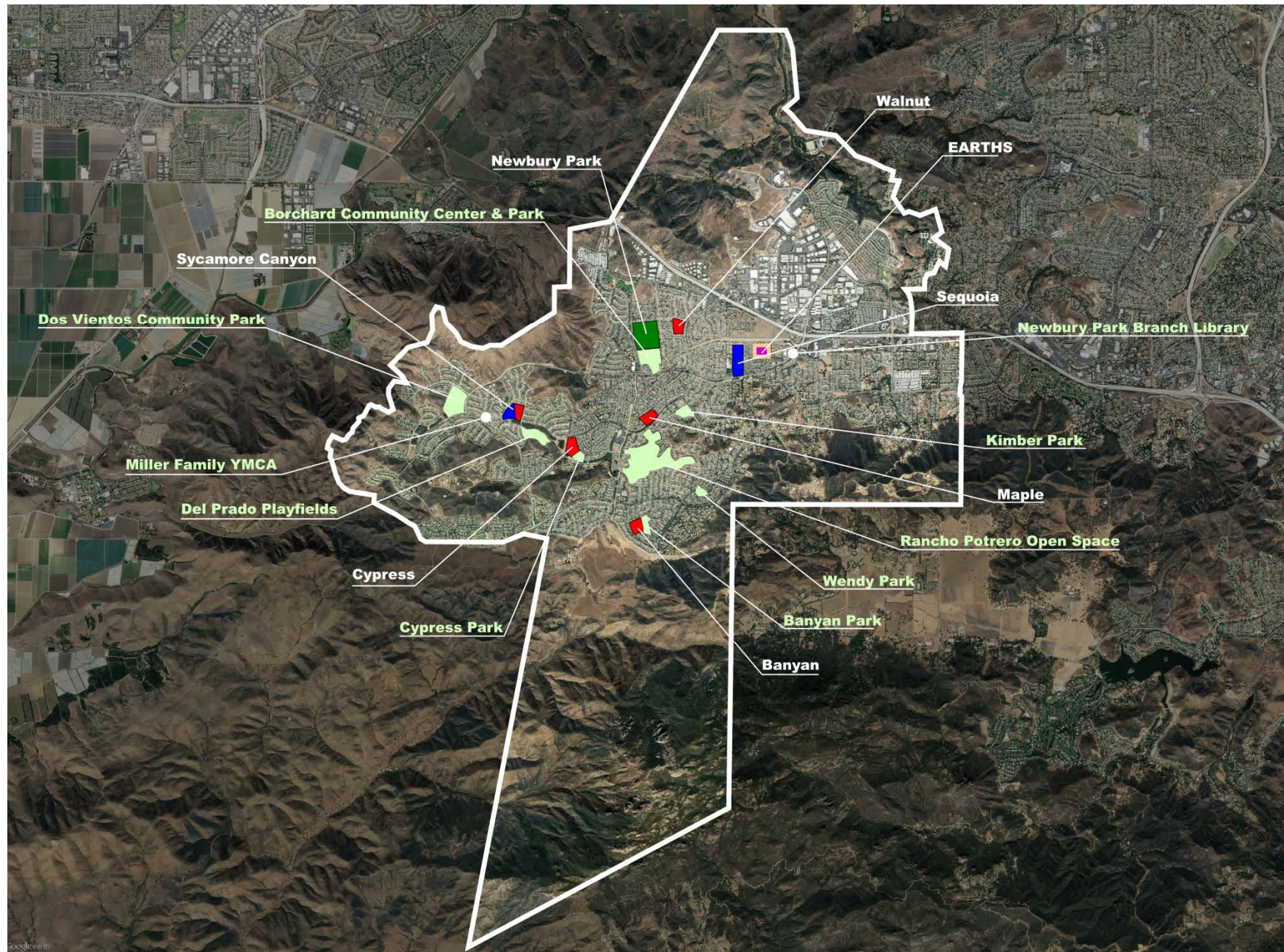
There are several areas of opportunities on the campus. The geometry and placement of buildings create pockets that are difficult to supervise. Control of key access points across the site may be implemented to prevent students from gaining roof access. To improve lunch functions, there is a great potential to expand the lunch area and improve the quality of the lunch shelter. The kindergarten play area is another zone that would benefit from being enlarged. The tight circulation between the kindergarten building and the lunch shelter/MPR would benefit from being re-worked. While there is ample playground acreage, the site lacks landscaping and shade trees. Coupled with sloping and drainage concerns by the restroom building, there is an opportunity to improve the school's hard and soft scape.

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# CVUSD Newbury Park Cluster



## Legend

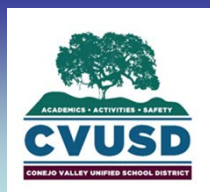
- Elementary School
- Middle School
- High School
- Special Education School
- Magnet School
- Parks
- Other Community Resources

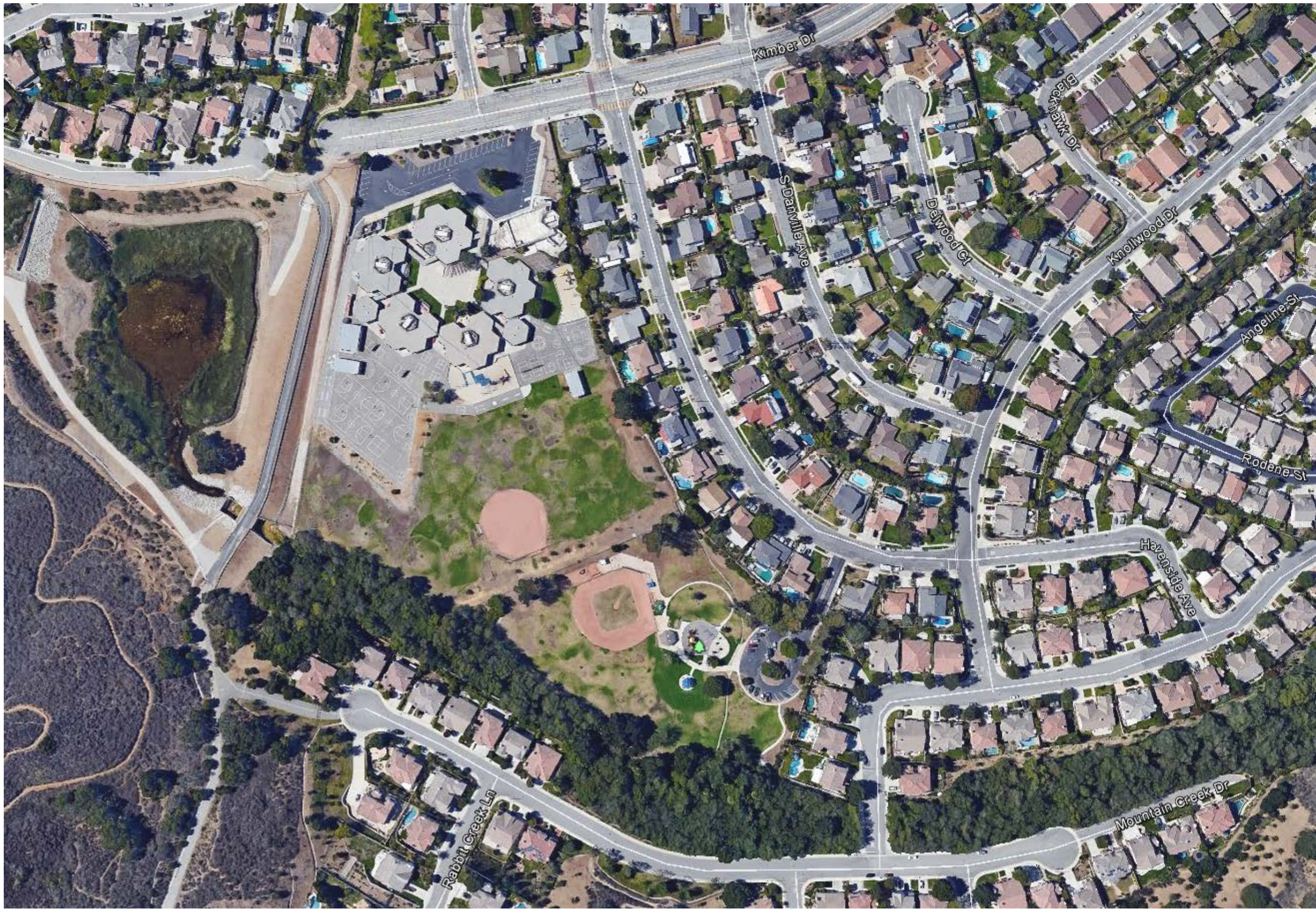
## CVUSD Newbury Park Cluster Sites

LOCATION CODE	SITE NAME	SCHOOL MANAGEMENT SERVICES SITE TYPE	GRADE LEVEL CONFIG
41-135	EARTH'S MAGNET	Elem. School	K- 5
30-230	WALNUT ELEMENTARY	Elem. School	TK- 5
20-140	MAPLE ELEMENTARY	Elem. School	K- 5
4-030	BANYAN ELEMENTARY	Elem. School	K- 5
11-070	CYPRESS ELEMENTARY	Elem. School	TK- 5
25-190	SEQUOIA MIDDLE SCHOOL	Middle School	6- 8
26-195	SYCAMORE CANYON SCHOOL	Elem. School	K- 5
39-196	SYCAMORE CANYON SCHOOL	Middle School	6- 8
22-160	NEWBURY PARK HIGH SCHOOL	High School	9-12
9	Total Sites		

## Community Resources

DESCRIPTION	LOCATION	CITY
Dos Vientos Community Park	4801 Borchard Rd	Newbury Park
Del Prado Playfields	402 Calle Del Prado	Newbury Park
Rancho Potrero Open Space	Lynn Rd./ Rancho Dos Vientos	Newbury Park
Kimber Park	3295 Bear Creek Dr.	Newbury Park
Borchard Community Center & Park	190 N. Reino Rd.	Newbury Park
Wendy Park	815 American Oaks Ave.	Newbury Park
Newbury Park Branch Library	2331 Borchard Rd	Newbury Park
Miller Family YMCA	320 Via Las Brisas	Newbury Park
Cypress Park	459 Havenside Ave.	Newbury Park
Banyan Park	3605 Erinlea Ave	Newbury Park





Cypress Elementary | Survey

4200 Kimber Drive | Newbury Park, CA 91320

Conejo Valley Unified School District

April 5, 2017

## Project Location Map



Cypress Elementary

FACILITIES - CLASSROOM INVENTORY										
K-12 School Facility	Grade/Type	Number of Teaching Stations					Capacity	Projections		
		Total # of Teaching Stations	Permanent	Quality Modularity	Owned Portables	Leased Portables		Rms Utilized	Ratio	Capacity Needed
As used for the 15/16 School Year										
	Jr K	0					0	20.00	0	
*K - All Day w/Wkrm	K	4	4				80	3	22.00	59
*1-3 inclds EL empty	1-3	14	13			1	280	7	22.00	153
*4-5 inclds comp lab	4-5	6	6				180	3	30.00	90
	SDC	0	0			0		0	0	
	LC	1	1					1	0	
	LAB	1	1			0		1	0	
Sub-Total K-5		26		0	1	0	540	15		303

ENROLLMENT HISTORY - 2nd Month Report																				
Grade	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998
Jr K		42	43																	
K		48	59	35	63	73	49	51	64	83	73	77	86	82	65	67	63	113	76	57
1		55	38	64	63	52	52	66	74	69	82	92	86	71	68	66	78	94	87	56
2		40	62	54	46	58	75	73	65	77	91	83	75	72	69	75	76	93	79	60
3		55	49	44	56	78	67	67	73	94	78	85	73	80	85	77	66	86	79	63
4		55	40	52	79	73	67	73	88	78	82	70	82	88	71	74	69	80	72	62
5		40	52	79	73	72	73	83	80	80	65	79	88	67	73	69	53	86	67	48
6					0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	25
Total Elem	0	335	343	328	380	406	383	413	462	481	471	486	490	460	431	428	405	552	460	371
Special Ed	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	2	2	4
TOTAL	0	335	343	328	380	406	384	413	462	481	471	486	490	460	431	428	406	554	462	375

PRINCIPAL PROJECTIONS											
Grade	Forecast		4/23/2015	5/26/2015	8/18/2015	Primary & Upper Totals	Teacher Calculation			15-16 Budget Calc	14-15 Staffing
	Students	Teachers					21.50	Teacher by Ratio	Students per class		
Special Ed											
TK			43	40	41	41	2.00		21	2	
K	39	1.81	49	52	58	208	2.70		22		
1	34	1.58	38	39	37		1.72	9.67	22	10	10
2	59	2.74	66	67	64		2.98		22		
3	53	2.47	54	54	49		2.28		22		
4	44	1.47	38	40	39	90	1.30	3.00	30	3	4
5	53	1.77	52	52	51		1.70		30		
TK-5	282	8.60	340	344	339	339					
		3.23									
TOTAL	282	11.84	340	344	339	339	12.67		15	14	

Enrollment Data

•For Secondary Schools

Classrooms 800 Square Feet and greater will be considered an "Available Classroom". On the color coded survey plan they can occur as BASIC CLASSROOM (Orange); SPECIALITY CLASSROOM (Light Blue); SCIENCE (Yellow).

If the rooms are being used for instruction and they are 799 Square Feet and under, they will be considered a "Small Room", with a different Color Code. Provide a description in the keynote as to its current use.

•For Elementary Schools

Classrooms 720 Square Feet and greater will be considered an "Available Classroom". On the color coded survey plan they can occur as BASIC CLASSROOM (Orange); SPECIALITY CLASSROOM (Light Blue); SCIENCE (Yellow).

If the rooms are being used for instruction and they are 719 Square Feet and under, they will be considered a "Small Room", with a Different Color Code. Provide a description in the keynote as to its current use.

For Span and other types of Schools

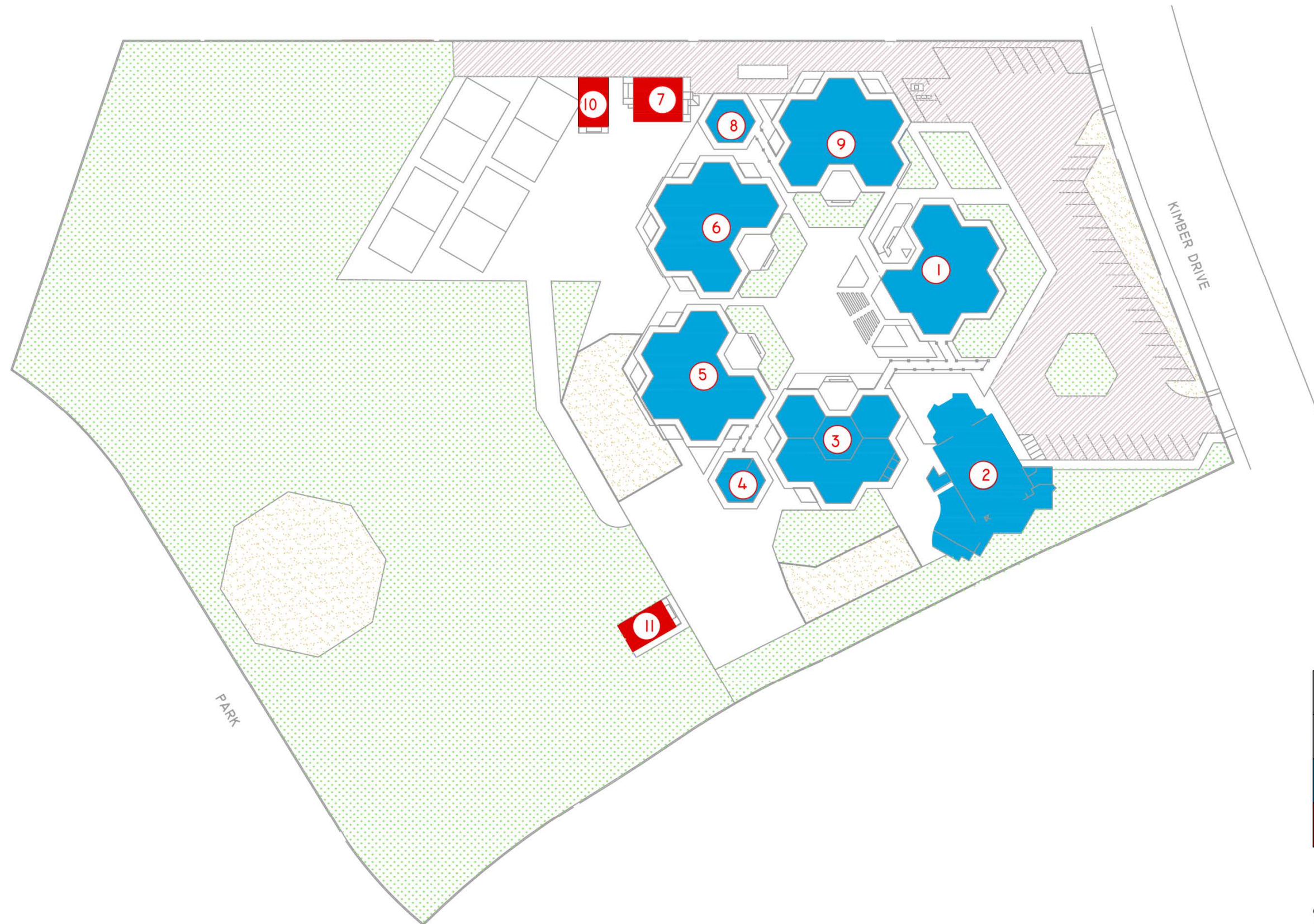
Identify what age group the space is used for the majority of the day – use rules above for Secondary Schools and Elementary Schools. Provide a description in the keynote as to its current use.

CVUSD CYPRESS ELEMENTARY														
Location Code: 11-070						Campus Summary								
Site Information						Totals			Total Planned Site Capacity:		Totals			
Current Useable Area:						9.1 Acres			Current Enrollment:		335			
Current Playground Area:						6.44 Acres			Planning 2-Semester Capacity:		540			
									Enrollment to use for Planning		303			
Playground Area Required:						1.46 Acres								
Classroom Status for School:						Current Classrooms			Potential Classrooms + Current Classrooms			Classrooms identified by the school.		
						Permanent	Portable	Totals	Permanent	Portable	Totals	Permanent	Portable	Total
Available Classrooms 720 Square Feet or greater:						18	0	18	25	2	27	18	0	18
Available Small Rooms 719 Square Feet or smaller:						0	0	0	0	0	0	0	0	0
Totals:						18	0	18	25	2	27	18	0	18

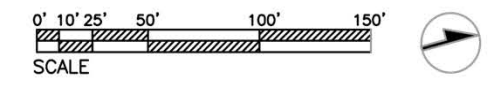
Analysis:

The majority of buildings at Cypress Elementary School are original to the campus, with three portable buildings added for various uses between 1998 and 2005. These buildings appear to have changed in use since their installation. While there is little deviation between the observed uses and the previously recorded uses of the spaces, some classrooms appear to function as classroom support rather than classrooms occupied full-time.





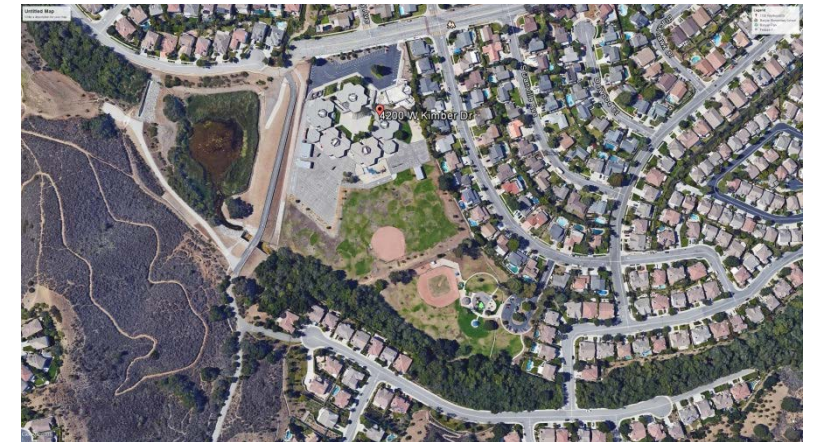
CYPRESS ELEMENTARY - LEGEND	
(25)	BUILDING NUMBER
[Blue Box]	PERMANENT
[Red Box]	PORTABLE



School District Site Name	Street Address	City	Zip Code		School District Building Name	Building Rating Classification	Square Footage	Fire Const. Code	Fire Const. Type	Roof Type	Year Built	Year Renovated				Status	Vacant Is Vacant Y/N
			St	Plus Four								Roof	HVAC	Electric	Plumbing		
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	1 - Administration	Portable	960	5	Modified Fire Resistive	Metal	2005	2005	2005	2005	2005	Owned and occupied by the district	N
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	3 - Classroom 1-6	Elementary	1,502	2	Joisted Masonry	Composition	1974	1998	2004	1994	2004	Owned and occupied by the district	N
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	4 - Restroom Bldgs	Elementary	5,628	2	Joisted Masonry	Composition	1974	1998	2004	1994	2004	Owned and occupied by the district	N
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	5 - Classroom 7-12	Elementary	5,628	2	Joisted Masonry	Composition	1974	1996	2004	1994	2004	Owned and occupied by the district	N
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	6 - Classroom 13-18	Elementary	1,440	5	Modified Fire Resistive	Metal	1998	1998	1998	1998	1998	Owned and occupied by the district	N
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	7 - Childcare	Elementary *	5,628	2	Joisted Masonry	Composition	1974	2000	2004	1994	2004	Owned and occupied by the district	N
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	9 - Classroom 19-24	Elementary	960	5	Modified Fire Resistive	Metal	2005	2005	2005	2005	2005	Owned and occupied by the district	N
Cypress Elementary	4200 Kimber Drive	Newbury Park	CA	91320-4898	10 - Child Care	Elementary *	5,408	2	Joisted Masonry	Composition	1974	2007	2004	1994	2004	Owned and occupied by the district	N
Cypress Elementary	4201 Kimber Drive	Newbury Park	CA	91320-4899	11 - Child Care	Elementary *	5,409	3	Joisted Masonry	Composition	1975	2008	2005	1995	2005	Owned and occupied by the district	N
Cypress Elementary	4202 Kimber Drive	Newbury Park	CA	91320-4900	12 - Child Care **	Elementary	5,410	4	Joisted Masonry	Composition	1976	2009	2006	1996	2006	Owned and occupied by the district	N

\*Buildings noted here as elementary(permanent) are recorded in the SP3A diagrams to be portable.

\*\*Building #12 is not currently on site.



### Existing Facilities:

7 buildings over 40 years old  
0 buildings between 30 and 40 years old

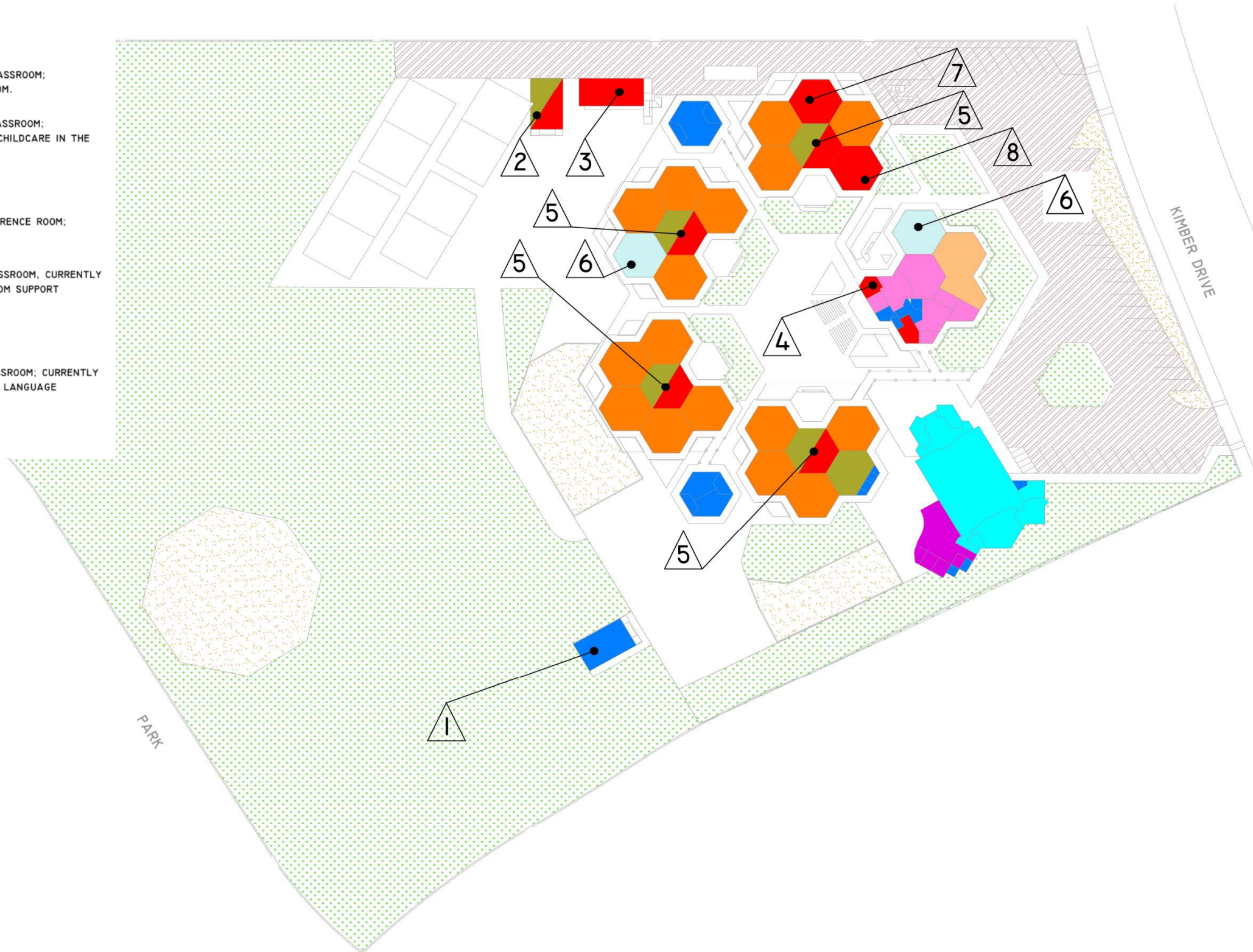
The oldest buildings on the campus were 42 years old at the time this survey was taken. Built with durable materials, the structural foundation, floor and wall components appear to be in good condition. The roofing across the campus is between 9 and 20 years old and the roof shingles do need to be replaced in many locations. These shingles are at the end of their life cycle though and this replacement is scheduled by the District already. Some termite damage and wood rot has been observed and should be remediated. The major building systems are between 12 and 22 years old. All portable building infrastructures are original.





# KEY NOTES

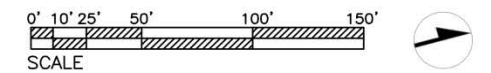
- 1** SHOWN ON SP3A DIAGRAMS AS A CLASSROOM; CURRENTLY USED AS A STORAGE ROOM.
- 2** SHOWN ON SP3A DIAGRAMS AS A CLASSROOM; INTERVENTION IN THE MORNING AND CHILDCARE IN THE AFTERNOON.
- 3** CHILDCARE
- 4** SHOWN ON SP3A DIAGRAMS AS CONFERENCE ROOM; CURRENTLY USED AS A SPEECH ROOM
- 5** SHOWN ON SP3A DIAGRAMS AS A CLASSROOM, CURRENTLY USED AS INTERVENTION AND CLASSROOM SUPPORT
- 6** COMPUTER LAB
- 7** SHOWN ON SP3A DIAGRAMS AS A CLASSROOM; CURRENTLY USED FOR PSYCHOLOGIST AND ENGLISH LANGUAGE FACILITATOR.
- 8** LEARNING CENTER

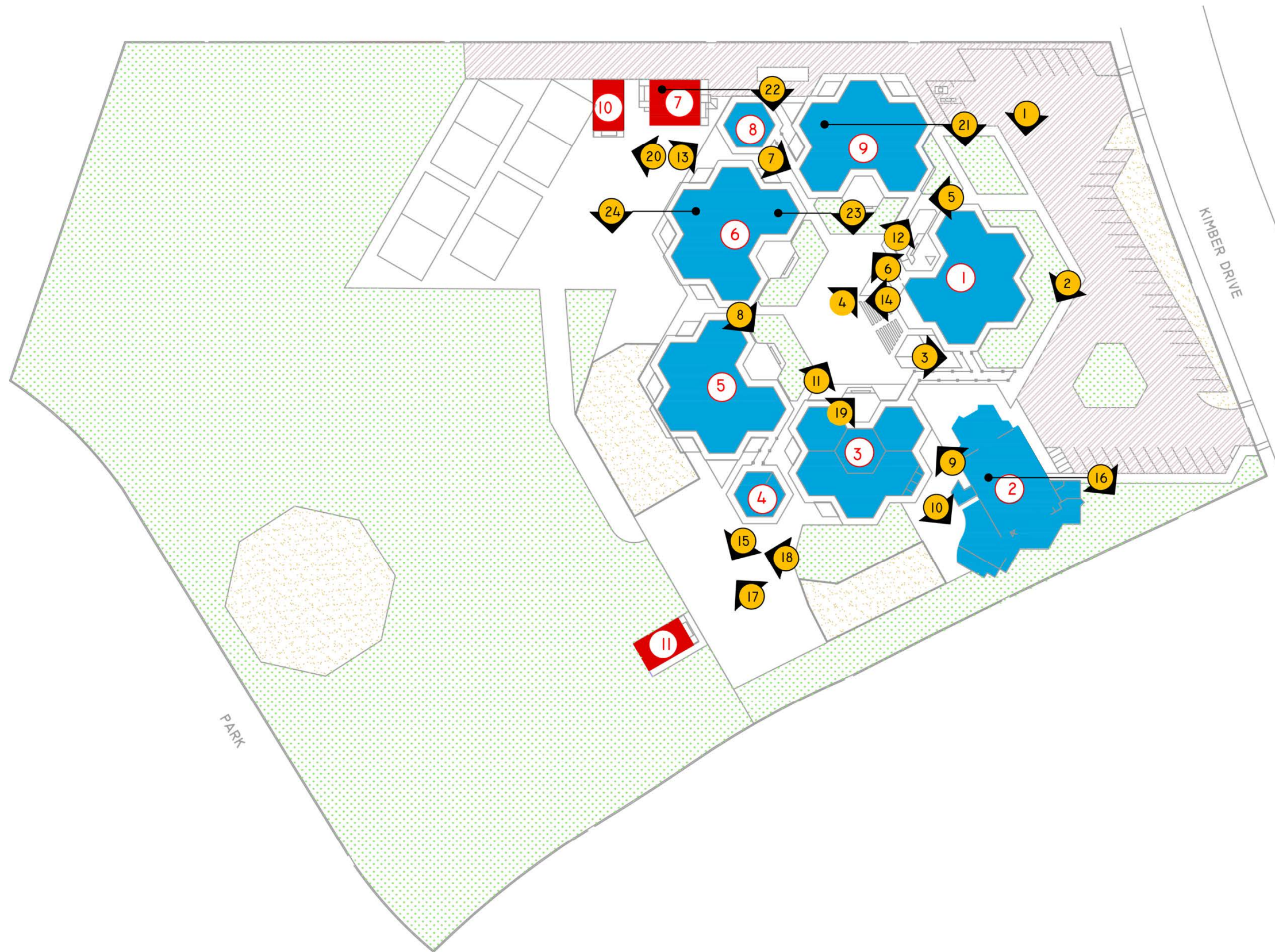


# INTERIOR BUILDING SPACES CURRENT USES LEGEND

- INSTRUCTIONAL**
- BASIC CLASSROOM
  - SPECIALITY CLASSROOM
  - SCIENCE CLASSROOM
  - SMALL ROOM
  - CLASSROOM SUPPORT
- GENERAL**
- ATHLETIC \*
  - LIBRARY/MEDIA
  - STUDENT SUPPORT
  - ADMINISTRATIVE
  - ASSEMBLY \*
  - CIRCULATION
  - OPERATIONAL SUPPORT
  - FOOD SERVICE \*
  - SPACE IS NOT USED

\*INCLUDES ALL ASSOCIATED CIRCULATION AND OPERATIONAL SUPPORT AREAS.



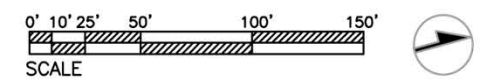


EXISTING SITE PLAN



PERMANENT & PORTABLE BUILDINGS

CYPRESS ELEMENTARY - LEGEND	
(25)	BUILDING NUMBER
[Blue Box]	PERMANENT
[Red Box]	PORTABLE





**Photo 1**

Building Name: Administrative  
Building Number: 1  
View of admin building from drop off zone.



**Photo 2**

Building Name: Multipurpose  
Building Number: 2  
Multipurpose building view along walkway to the campus entrance.



**Photo 3**

Building Name: Administrative  
Building Number: 1  
View of entry gate from within elementary campus.



**Photo 4**

Building Name: Classroom  
Building Number: 6,9  
Corridor between Classroom buildings 6 and 9.



**Photo 5**

Building Name: Classroom  
Building Number: 5 & 6  
View along two hexagonal classroom buildings.



**Photo 6**

Building Name: Classroom  
Building Number: 6  
Classroom building with breakout exterior space wall visible.



**Photo 7**

Building Name: Administrative  
Building Number: 1  
Canopy over administrative building exterior space.



**Photo 8**

Building Name: Classroom  
Building Number: 3  
Walkway between classroom and exterior breakout space.



**Photo 9**  
Building Name: Lunch shelter  
Building Number: N/A  
Walkway from lunch shelter area.



**Photo 10**  
Building Name: Lunch shelter  
Building Number: N/A  
Lunch shelter area, facing Multi-Purpose building.



**Photo 11**  
Building Name: Administrative  
Building Number: 1  
Administrative building with canopy and raised stage platform visible.



**Photo 12**  
Building Name: Classroom  
Building Number: 9  
Walkway between administrative building and a classroom building.



**Photo 13**  
Building Name: Restroom building  
Building Number: 8  
Hexagonal restroom building.



**Photo 14**  
Building Name: Classroom  
Building Number: 5  
Typical classroom building shown.



**Photo 15**  
Building Name: Storage  
Building Number: 11  
Previously a portable classroom.



**Photo 16**  
Building Name: Multi-Purpose building.  
Building Number: 2  
Assembly space within Multi-Purpose building.



**Photo 17**  
 Building Name: Classroom  
 Building Number: 5  
 View of a classroom building, with a play yard in the foreground and a portion of restroom building visible.



**Photo 18**  
 Building Name: Play Yard  
 Building Number: N/A  
 Play yard view looking west.



**Photo 19**  
 Building Name: Classroom  
 Building Number: 3  
 Classroom building #3 has a hedge wall as a breakout exterior space.



**Photo 20**  
 Building Name: Classroom  
 Building Number: 10  
 Portable classroom.



**Photo 21**  
 Building Name: Classroom  
 Building Number: 9  
 Typical hexagonal classroom.



**Photo 22**  
 Building Name: Classroom  
 Building Number: 7  
 Portable childcare classroom.



**Photo 23**  
 Building Name: Classroom  
 Building Number: 6  
 Computer classroom in hexagonal space.



**Photo 24**  
 Building Name: Classroom  
 Building Number: 6  
 Hexagonal classroom, one wall housing a whiteboard.

# Cypress Strings

grades 3, 4, & 5



Presented through the cooperative efforts of The Arts Council of the Conejo Valley, Conejo Valley Unified School District, and The Conejo Recreation & Park District.

All 3rd, 4th, and 5th grade students interested in violin:

Each semester = \$190.00  
(two semesters a year)

Register **ON LINE**  
[www.hillcrestarts.com](http://www.hillcrestarts.com)  
805.381.2747

In cases of financial hardship, please contact the Arts Council at 805-381-2747 or Ms. Michele at 323.559.3009.



Ms. Michele Suh Wood, Instructor

## Weekly Schedule

### Tuesdays:

11:55 - 12:25 Beginning Strings  
12:25 - 12:55 Intermediate Strings

### Thursdays:

9:55 - 10:25 Beginning Strings 10:30  
10:25 - 10:55 Intermediate Strings

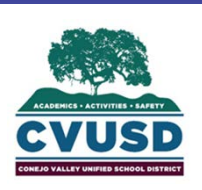
Classes begin Tuesday, September 29th, 2015 in Multipurpose room

## Cypress Elementary

The Cypress staff is committed to educating students to their potential and helping them on their way to becoming productive members of society. Cypress students will participate in a standards-based, comprehensive program that meets their individual needs in a positive, child-centered, cooperative environment fostered by parent involvement, a dedicated, caring staff and a supportive community.

Cypress students will become:

- Self-actualized learners who have mastered a challenging, core curriculum and believe themselves to be capable, significant and able to mold their future as they reflect on their personal accomplishments and direct their own thinking.
- Skillful communicators who are able to readily acquire and effectively express information, ideas, and emotions through reading, writing, speaking, listening and the use of technology.
- Problem-solvers who are able to generate practical and innovative solutions to complex intellectual and social problems using critical and creative problems-solving skills.
- Socially conscientious citizens, who are responsible for their own behaviors, are able to work collaboratively, and demonstrate honesty, empathy fairness, and respect for others as contributing citizens in their ever-enlarging world.



Cypress Elementary | Survey

4200 Kimber Drive | Newbury Park, CA 91320

Conejo Valley Unified School District

April 5, 2017

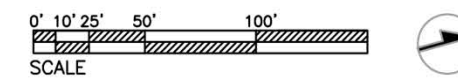
Specialized Programs

8.0



NOTE:  
 In the District's DSA Certification documentation, Buildings #10 and #11 are noted as VOID/CANCEL.

CYPRESS ELEMENTARY - LEGEND	
(25)	BUILDING NUMBER
	CERTIFICATION REQUIRED
	CERTIFIED STRUCTURES





**Site Challenges:**

Three major site challenges have been made apparent through the site survey. First, the site is challenged by the geometry of the permanent structures. While they provide great character, they also create supervision concerns and are arranged in a way that does not promote future campus expansion. Second, the location of the Multipurpose Building is challenging because it is bound by the parking lot to the north, buildings to the west, play structure to the south and edge of property line to the east. This compresses the lunch area significantly. Third, the site has little relief from the sun in the school's ample play area.

**Site Modernization Opportunities:**

Campus modernization projects are intended to improve the safety and security of the students, better the instructional and play environments, and beautify the campus internally as well as its face to the neighborhood. There are great opportunities to modernize the campus frontage along Kimber Drive, which could give the school a more prominent neighborhood presence.

The organization of the exterior spaces may be reimagined. A combination of strategically placed landscaping, diverse types of paving, and adjustment of play structures may solve the current concerns of supervision, lack of shade, undersized kindergarten play area, and improper drainage at the Restroom Building. Moreover, modernizations to the Kindergarten play structure may open up opportunities for expanding the current lunch area.

Additional built-in provisions for storage space within classrooms may permit teachers to de-clutter their teaching spaces and better utilize the window and door connections to the exterior areas.

General modernizations to keep the campus in good working condition may include upgrades to the building finishes and major building systems, some of which were over two decades old at the time the survey was taken. More efficient HVAC, plumbing and electrical systems are available today, and the school could greatly benefit from these greener technologies. ADA upgrades, including improvements to restrooms, hardware, signage, classroom plumbing fixtures, drinking fountains, and path of travel will ensure that all students, faculty and staff have access to the entire site.

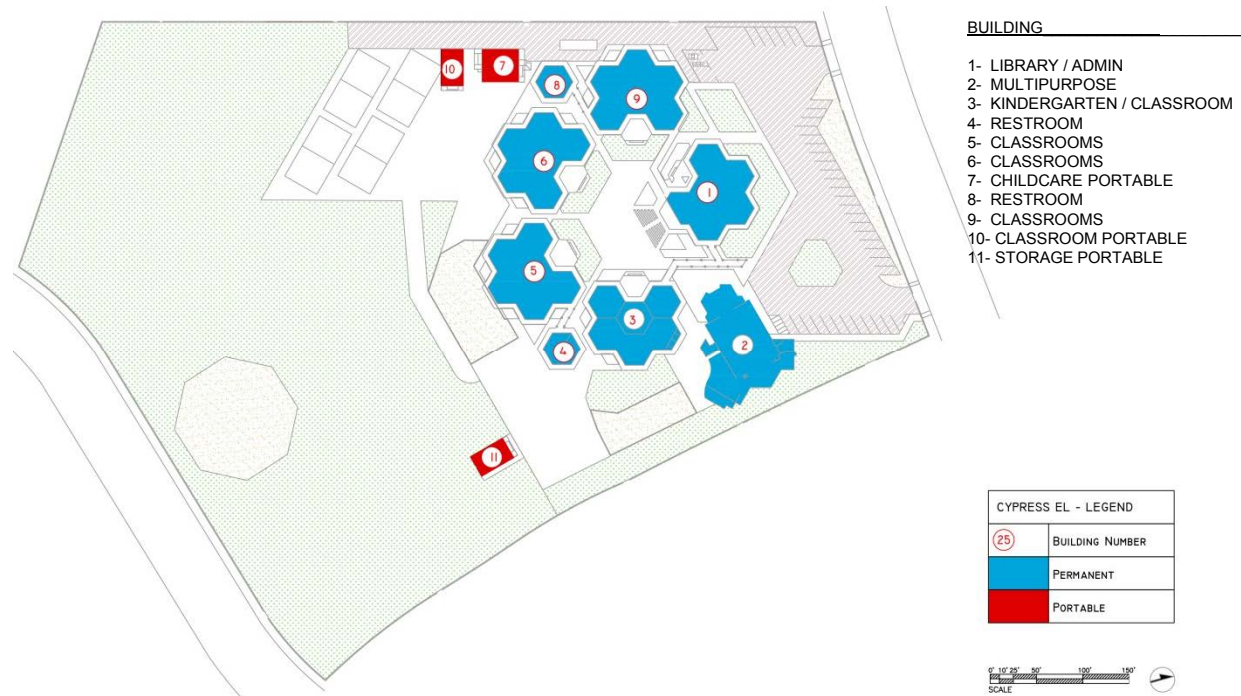
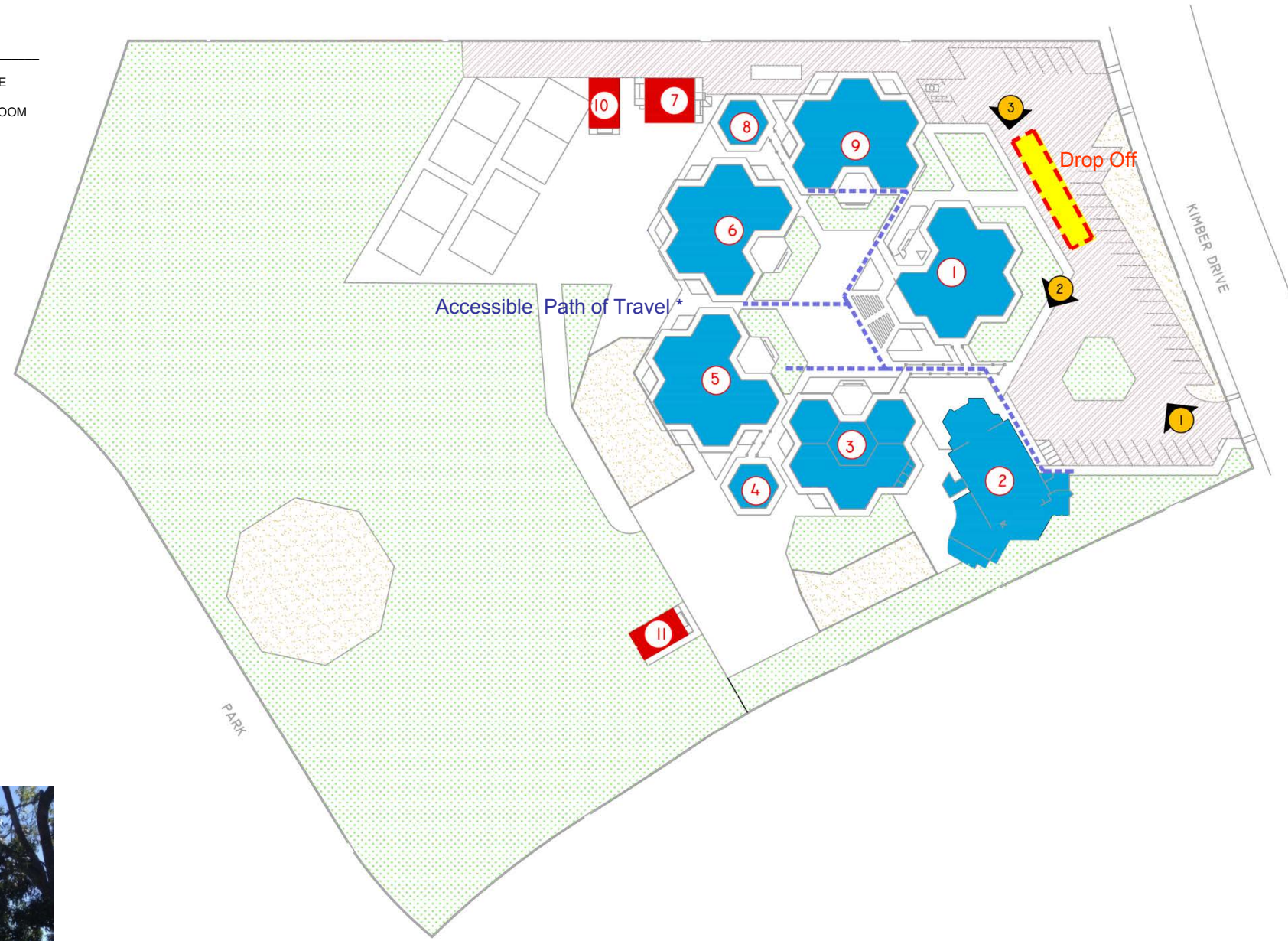






Image 1: View through parking, facing the octagonal admin/library building.

- BUILDING**
- 1- LIBRARY / ADMINISTRATIVE
  - 2- MULTI-PURPOSE
  - 3- KINDERGARTEN / CLASSROOM
  - 4- RESTROOM
  - 5- CLASSROOMS
  - 6- CLASSROOMS
  - 7- CHILDCARE PORTABLE
  - 8- RESTROOM
  - 9- CLASSROOMS
  - 10- CLASSROOM PORTABLE
  - 11- STORAGE PORTABLE



Circulation Diagram

\* Visually observed to be the accessible path of travel. Verification required.



Image 2: Main access point, facing the front of the drop off.



Image 3: Main access point, facing the front of the school.

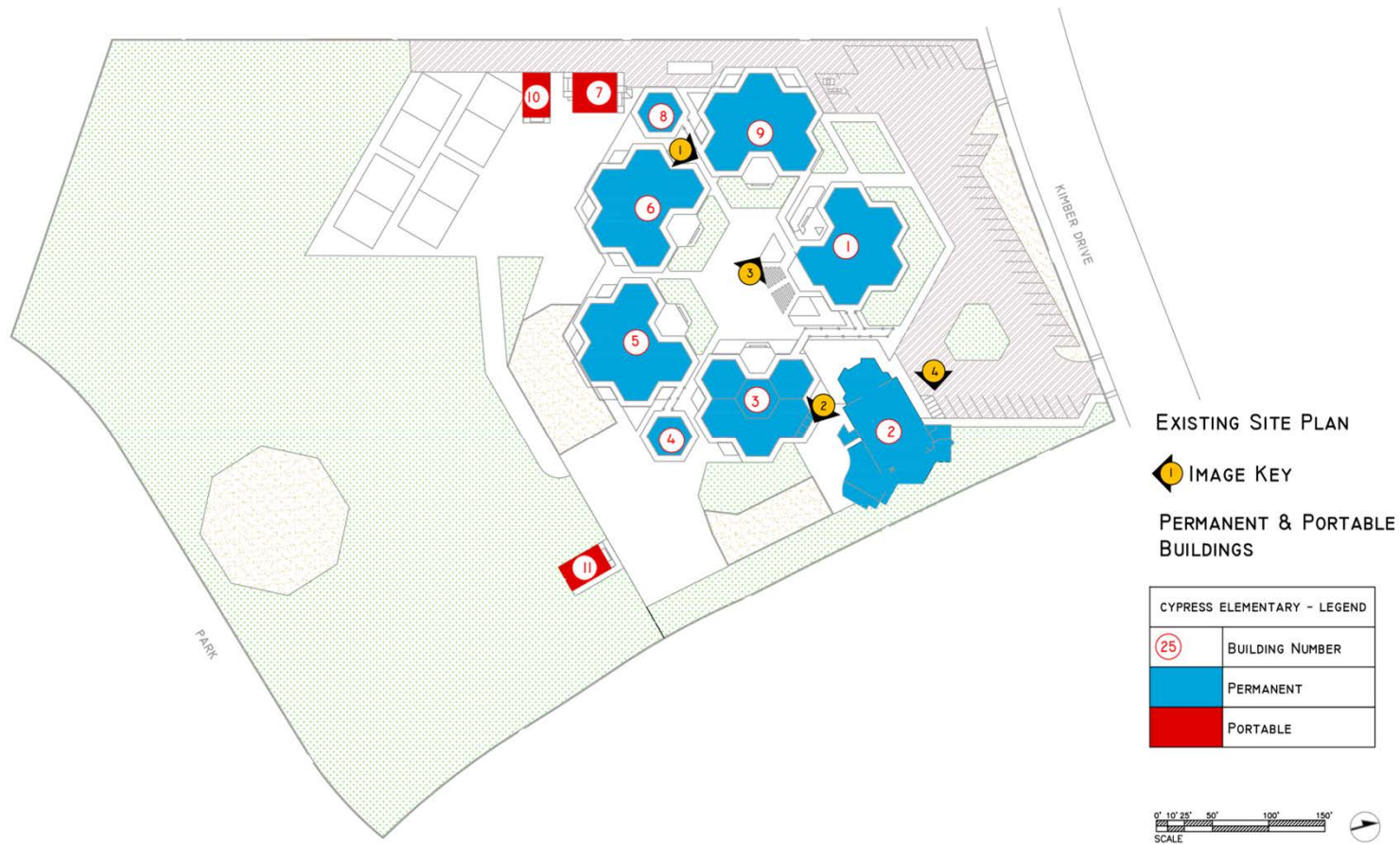


Photo 1- Uneven ground slope .

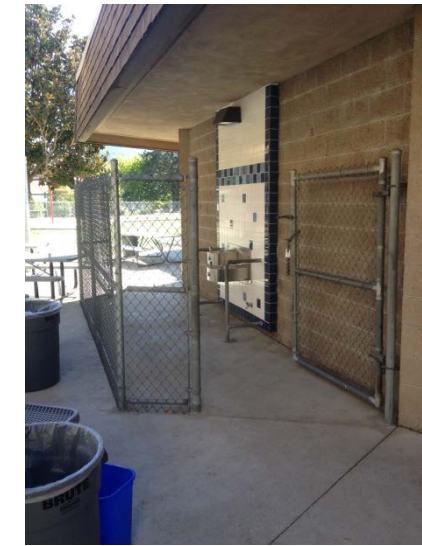


Photo 2- Kindergarten and lunch outdoor shelter corridor presents a circulation pinch point.



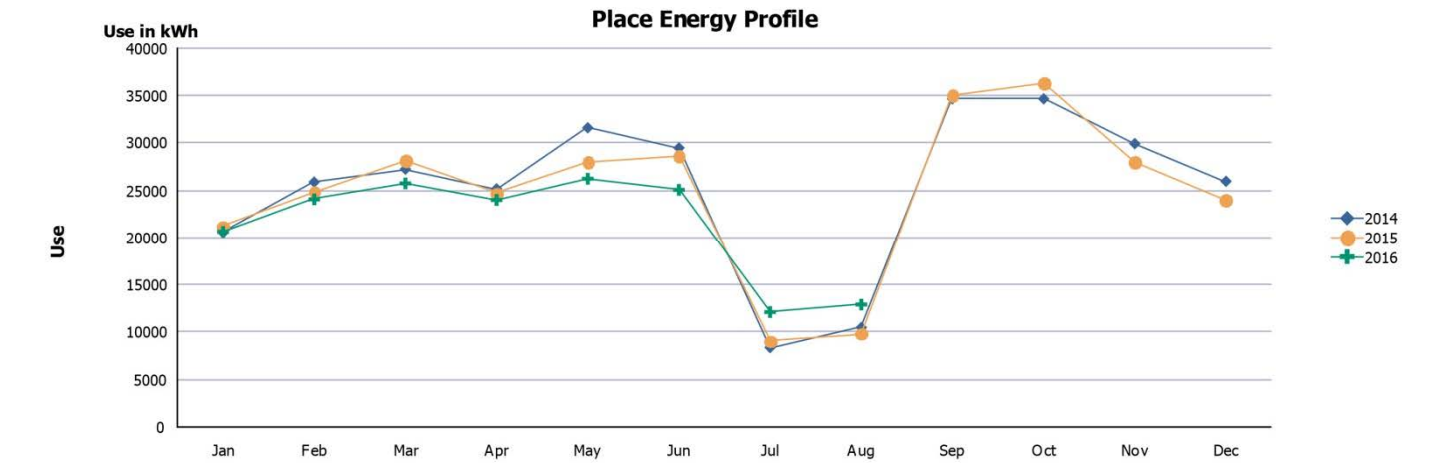
Photo 3- The exterior assembly/stage are potential trip hazard.



Photo 4- Some accessibility improvements from the parking area to building have recently been made.

# Energy Use Summary

Place: [CYPRESS\_1] Cypress

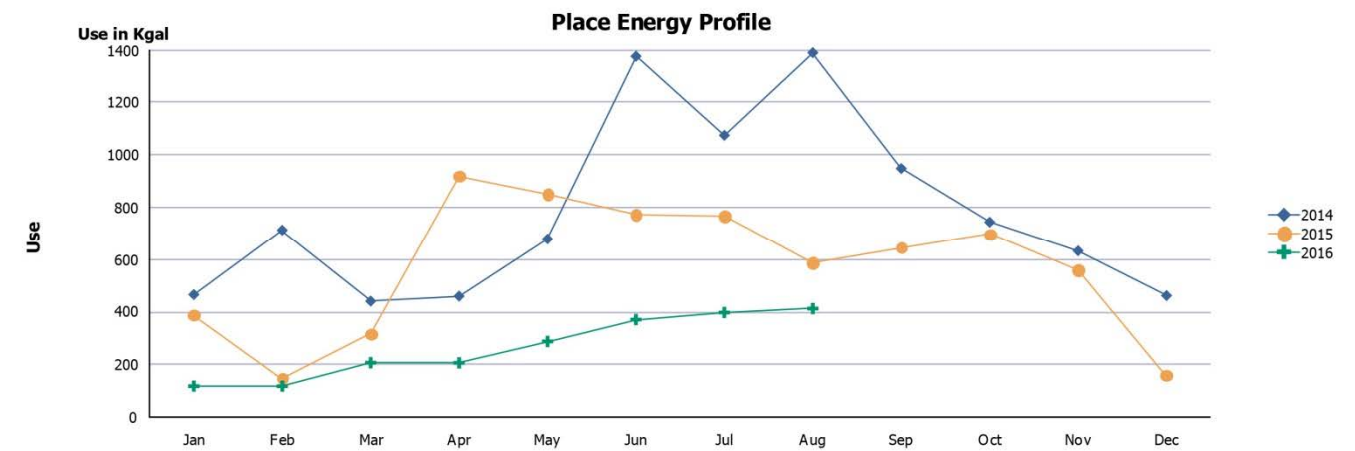


[CYPRESS\_1] Cypress

Electric	12,901	KWH	\$5,701	\$3,038	\$2,663	46.7%
Natural Gas	70	THERM	\$119	\$103	\$15	12.9%
Water	552	CCF	\$6,108	\$3,337	\$2,771	45.4%
<b>Totals:</b>	<b>51</b>	<b>MMBTU</b>	<b>\$11,928</b>	<b>\$6,478</b>	<b>\$5,450</b>	<b>45.7%</b>

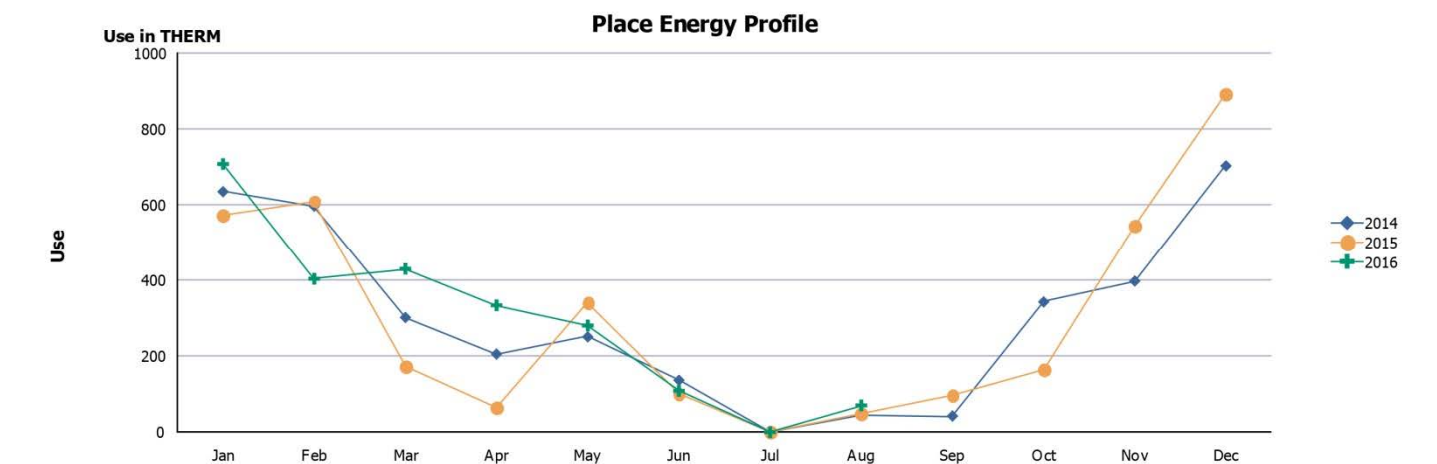
Place Energy Profile AN - 02

Place: [CYPRESS\_1] Cypress



## Water

Place: [CYPRESS\_1] Cypress



## Gas

Cypress Elementary | Survey

4200 Kimber Drive | Newbury Park, CA 91320

Conejo Valley Unified School District

April 5, 2017

## Energy Use



Core Facilities			
Item	Category	Existing Square Footage	Standard Square Footage Based on Planning 2- Semester Capacity
1	<b>Food Prep &amp; Serving Areas</b>	<b>1,465 Square Feet</b>	<b>1,640 Square Feet</b>
2	<b>Indoor Dining</b> (Existing square footage includes MPR and one classroom used for indoor dining.)	<b>4,596 Square Feet</b>	<b>2,160 Square Feet</b>
3	<b>Lunch Shelter</b>	<b>N/A</b>	<b>1,620 Square Feet</b>
4	<b>Multi Purpose/Assembly/Auditorium</b>	<b>6,231 Square Feet</b>	<b>3,660 Square Feet</b>
5	<b>Library</b>	<b>1,407 Square Feet</b>	<b>1730 Square Feet</b>
6	<b>Administration</b>	<b>2,280 Square Feet**</b>	<b>1,840 Square Feet * (Office Square Footage)</b>
7	<b>Gymnasium Building</b>	<b>N/A</b>	<b>N/A</b>
8	<b>Playground</b>	<b>6.44 Acres</b>	<b>1.47 Acres</b>
9	<b>Parking</b>	<b>39 Stalls</b>	<b>55 Stalls</b>

\*This calculation includes the Front Office/Main Office; Waiting Room/Space; Conference Room; Administrative Offices.

\*\* This calculation includes the Staff Lounge in addition to the spaces listed above.

## Core Facilities Summary

### 1. Food Prep & Serving Areas

The food preparation area is adequate, but the circulation for serving is tight.

### 2. Indoor Dining

There is no dedicated indoor dining on the campus, however, the MPR is used by some students for lunch. On exceptionally hot days a classroom (#15) is also used for indoor lunch.

### 3. Lunch Shelter

The exterior area available for lunch is not a fully covered lunch shelter. It is a lattice structure and there is noticeable wear on the wood framing, including isolated areas of warped or deteriorated joists.

### 4. Multi Purpose/Assembly/Auditorium

The Multi-Purpose Room is large and has numerous support spaces associated with its' use, such as dedicated restrooms, lobby and storage.

### 5. Library

The Library is slightly smaller than the District's standard for new construction but functions well for the school.

### 6. Administration

The administration suite provides ample space for all required functions.

### 7. Gymnasium Building

N/A

### 8. Playground

Both hardscape and turf play areas are adequate in total across the site, however the split between transitional kindergarten and kindergarten level play areas and grade 1-5 play areas is not ideal as more area should be dedicated to the younger students. There is need across all play areas for additional shade.

### 9. Parking

Although undersized in comparison to the district standards the number of stalls adequately serves the school's current needs.



# Technology Summary:

The network infrastructure has been upgraded to meet current and future needs. Each building that has an IDF is connected to the MDF via 12 strands of single mode fiber. Every classroom has two locations with two CAT6 A cables along the wall and four cables in the ceiling. A 12 port switch is installed in each classroom to accommodate additional computers. All other instructional and office spaces have newly installed CAT6 A cables. Wireless access points have been installed in all indoor instructional and office spaces in a micro-cell arrangement to ensure the ability to support a 1 to 1 student to device rollout. Outdoor wireless coverage is currently being evaluated. Switch gear that support a 10Gbps backbone and 1Gbps Power Over Ethernet connections is installed in every IDF and MDF. The current speed of the backbone is limited to 1Gbps but can be increased with new fiber optic transceivers.

Room Name	Computer	Quantity	Projector Model	Smartboard Model	Printer Model	Document Reader	Other	Wireless AP	Network Switch	Remarks
Classroom										
Teacher's Workroom										
Library	Dell Optx745	3			Brother DCP8060			Aerohive	Juniper	
	Dell Optx755	2								
	Dell Optx760									
Kindergarten	Dell Optx745			ActivPanel	HP 1022n		5 Ipad	Aerohive	Juniper	
	Lenovo m93p									
	Intel Dual core 2 E2200									
Classroom										
Boy's Restroom										
Boy's Restroom										
Girl's Restroom										
Girl's Restroom										
Kindergarten	Lenovo m93p			ActivPanel	HP 1022n			Aerohive	Juniper	
	Dell Optx745									
	I Mac M5521									
	Dell Gx520	4								
Classroom	Lenovo m93p			ActivPanel		Lumens DC166		Aerohive	Juniper	
	Dell Optx745									
	Intel Dual core 2 E2200	4								
Classroom	Dell Optx745			ActivPanel				Aerohive	Juniper	
	Intel Dual core 2 E2200	4								
Classroom			NEC VT590, Dell 2200MP		Brother HI-5470DW	2 Lumens dc166		Aerohive		
Girl's Restroom										
Boy's Restroom										
Mechanical										
Women's Restroom										
Classroom	Lenovo m93p	4		ActivPanel	HP 1022n	Avervision CP-130		Aerohive	Juniper	
	Dell Optx755									
	Hp Compaq nc6400									
	Dell Optx780									





## Technology Summary Continued:

Room Name	Computer	Quantity	Projector Model	Smartboard Model	Printer Model	Document Reader	Other	Wireless AP	Network Switch	Remarks
Classroom	Lenovo m93p	4		ActivPanel	HP 1022n	Avervision CP-130		Aerohive	Juniper	
	Dell Optx780									
Classroom		2	Epson Powerlite 83+							
Classroom	Lenovo m93p	4		ActivPanel	HP Deskjet 3054A	Avervision CP-130		Aerohive	Juniper	
	Dell Optx745									
	Dell Optx760									
Classroom	Lenovo m93p	4		ActivPanel	HP 1022n			Aerohive	Juniper	
	Dell Optx745									
Classroom			Epson Powerlite 83+		HP M252dw, HP 1022n			Aerohive		
Classroom	Lenovo m93p	4		ActivPanel	HP M201dw	Avervision CP-130		Aerohive	Juniper	
	Dell Optx760	2								
	Dell Optx780									
Classroom	Dell Optx780	40	Epson Powerlite s1+	ActivPanel	Xerox Phaser3320			Aerohive		
	Lenovo m93p									
Classroom								Aerohive		
Classroom	Lenovo m93p	3		ActivPanel	HP 1022n	Avervision CP-130		Aerohive	Juniper	
	Dell Optx760									
	Dell Optx745	2								
	Dell Optx780									
Classroom	Lenovo m93p	4		ActivPanel	HP 1022n	Avervision CP-130		Aerohive	Juniper	
	Dell Optx780									
Classroom	Hp Compaq nc6400							Aerohive		
Child Care										
Girl's Restroom										
Boy's Restroom										
Mechanical										
Men's Restroom										
Classroom	Lenovo m93p	3		ActivPanel	HP 1022n	Avervision CP-130	5 Acer ZHN Chromebook	Aerohive	Juniper	
	Dell Optx780									
Classroom	Lenovo m93p	3		ActivPanel		Avervision CP-130		Aerohive	Juniper	
	Dell Optx780									
Classroom	Dell Optx780		Epson Powerlite 83+		HP 1022n	Avervision CP-130		Aerohive		
Classroom	Lenovo m93p	4		ActivPanel	Brother MFC-440CN	Avervision CP-130		Aerohive	Juniper	
	Dell Optx745									
	Hp Compaq nc6400									
	Dell Gx520									
Classroom	Dell Optx390			ActivPanel	Dell 2330dn	Avervision CP-130		Aerohive	Juniper	
	Dell Optx380	3								
Classroom					Dell c1760nw					



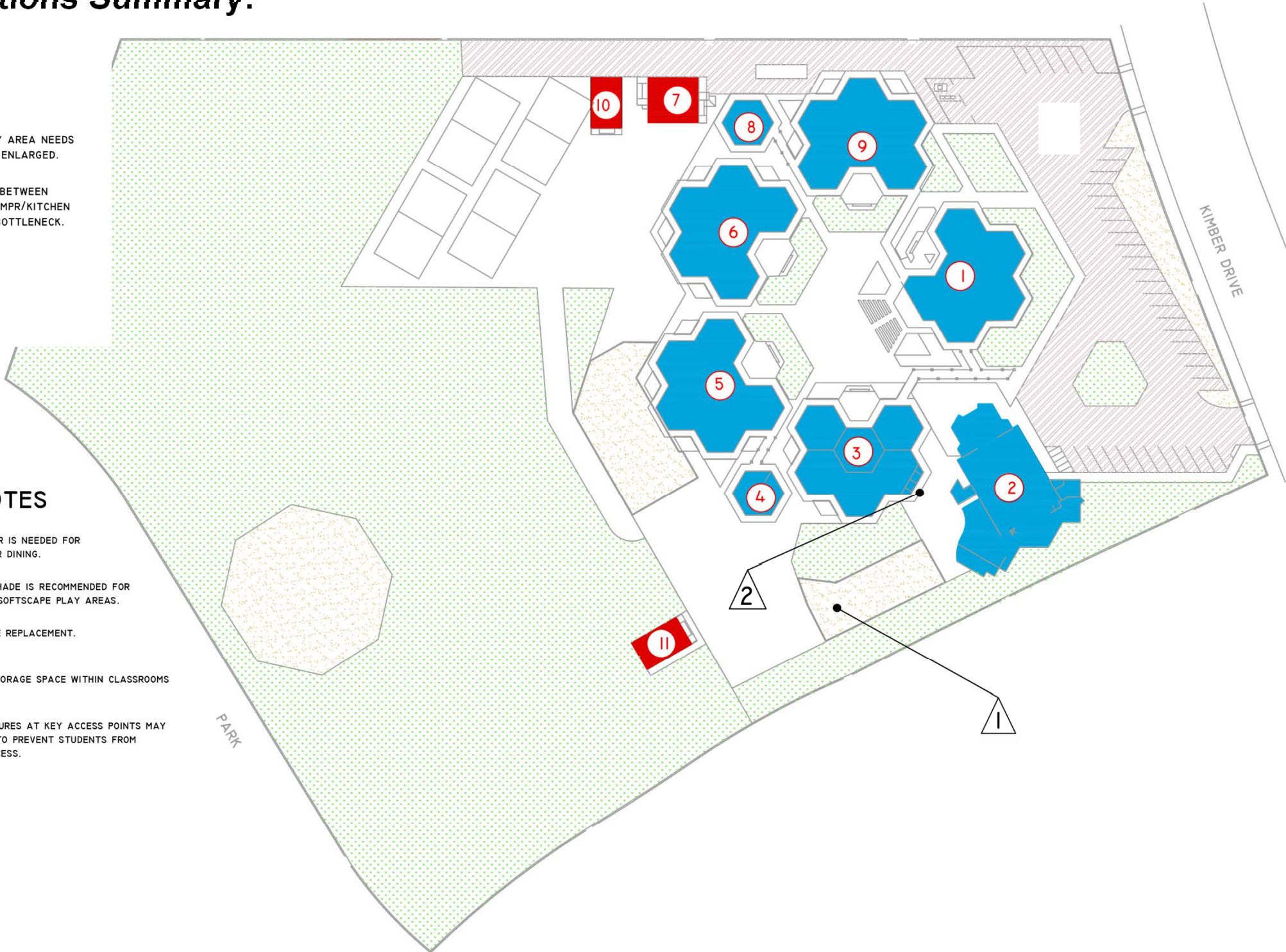
# Observations Summary:




## KEY NOTES

-  KINDERGARTEN PLAY AREA NEEDS TO BE SHADED AND ENLARGED.
-  TIGHT CIRCULATION BETWEEN KINDERGARTEN AND MPR/KITCHEN BUILDING CREATES BOTTLENECK.

## GENERAL NOTES

- 1. LUNCH SHELTER IS NEEDED FOR SHADED EXTERIOR DINING.
- 2. ADDITIONAL SHADE IS RECOMMENDED FOR HARDSCAPE AND SOFTSCAPE PLAY AREAS.
- 3. ROOF SHINGLE REPLACEMENT.
- 4. ADDITIONAL STORAGE SPACE WITHIN CLASSROOMS
- 5. CONTROL MEASURES AT KEY ACCESS POINTS MAY BE IMPLEMENTED TO PREVENT STUDENTS FROM GAINING ROOF ACCESS.



CYPRESS ELEMENTARY - LEGEND	
	BUILDING NUMBER
	PERMANENT
	PORTABLE

