



CIEN AGUAS INTERNATIONAL SCHOOL FACILITY MASTER PLAN UPDATE

Section 2.4 Enrollment Changes – Amendment May 15, 2011

The Cien Aguas International School (CAIS) has requested and received an increase in the enrollment cap from 330 to 424 students in grades K-8th. Due to the success of the school’s educational program, combination classes will be phased out as enrollment increases and will allow for full loading of two classes per grade level. While CAIS has an open enrollment program based upon the lottery system, the intention of the school is to “home grow” its students from kindergarten through the eighth grade and allowing infill enrollment on an “as space available” basis to fully load classrooms to PED maximums. The chart below identifies the PED student maximums per class and the maximum number of students per grade level that is compliant with the new enrollment cap for the school.

Grade Level	PED Max Students	# Classes By Grade Level	Total Max #of Students
Kindergarten	20	2	40
1st Grade	22	2	44
2nd Grade	22	2	44
3rd Grade	22	2	44
4th Grade	24	2	48
5th Grade	24	2	48
6th Grade	24	2	48
7th Grade	27	2	54
8th Grade	27	2	54
Total # of Students			424

Section 2.5.3 Space Requirements – Amendment May 15, 2011

Over the past two years, the enrollment at CAIS has steadily increased and will continue to increase to the newly increased cap of 424 students over the course of the next three years. In evaluating the space needs in relation to the cap increase as well as the phasing out of combination classes, a revision the space requirement needs was necessary to determine the maximum square footage needed to meet the requirements of the educational program. The original Education Specification identified 28,283 square feet needed, upon closer examination it was noted that the TARE square footage was incorrectly calculated for a total of 4.47%, which resulted in an undersized facility. The chart on the following pages identifies the square footage outlined in the approved Education Specification, Adequacy Standard Minimums, and the revised needed square footage to meet the educational program. The requirements for each space have not been changed from that of the original Education Specification.



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Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment
<i>Administrative Area</i>	Entry/ Waiting	225	645	100	
	Receptionist			100	
	Principal Office			150	
	Secure Records Storage			100	
	Conference Room			200	
	Counselor's Conference Room			150	
	General Storage			100	
	Staff Restroom (2)			110	
	Nurses Office			150	480
	Restroom In Nurse Office				
	Teacher Workroom / Lounge	200	300	300	
	Parent Workroom	150	150	150	
	Subtotal		1,535	1,575	1,640

Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment
<i>Special Education / Ancillary Health</i>	SpEd A-C Resource Room (2)	1,000	450	900	2 rooms in 450 nsf each Math & Reading Resource
	Ancillary Therapy Room	600	200	250	
	IEP Room	120	0	0	
	Testing Room	125	0	125	
	Storage	200	0	200	
	PT/ OT Services	200	450	450	
Subtotal		2,245	1,100	1,925	

Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment
<i>Kindergarten - 5th grade General Classrooms</i>	Kindergarten 1	1,000	1,000	900	
	In classroom restroom	50	0	60	
	In-classroom storage	60	40	60	
	Kindergarten 2	1,000	1,000	900	
	In classroom restroom	50	0	60	
	In-classroom storage	60	40	60	
	1st Grade	600	704	800	
	In-classroom storage	60	44	44	
	1st Grade	600	704	800	
	In-classroom storage	60	44	44	
	2nd Grade	600	704	800	
	In-classroom storage	60	44	44	



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<i>Kindergarten -5th grade General Classrooms Continued</i>	2nd Grade	600	704	800		
	In-classroom storage	60	44	44		
	3rd Grade	600	704	800		
	In-classroom storage	60	44	44		
	3rd Grade	600	704	800		
	In-classroom storage	60	44	44		
	4th Grade	600	704	800		
	In-classroom storage	60	48	48		
	4th Grade	600	704	800		
	In-classroom storage	60	48	48		
	5th Grade		768	800		
	In-classroom storage	0	48	48		
	5th Grade		0	800		
	In-classroom storage	0	0	48		
	Subtotal		7,500	8,888	10,496	

Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment	
<i>6th grade - 8th grade General Classrooms</i>	6th Grade	560	756	700		
	In-classroom storage	60	54	54		
	6th Grade	560	756	700		
	In-classroom storage	60	54	54		
	7th Grade	560	756	700		
	In-classroom storage	60	54	54		
	7th Grade	560	756	700		
	In-classroom storage	60	54	54		
	8th Grade	560	756	700		
	In-classroom storage	60	54	54		
	8th Grade	560	756	700		
	In-classroom storage	60	54	54		
	Subtotal		3,720	4,860	4,524	

General Classroom Sf 11,220 13,748 15,020



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Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment	
<i>Media Center</i>	Entry Area & Circulation	4,300	1,200	100	700 Sf seating for Elem and 500 Sf seating for MS	
	Seating areas			1,200		
	Printed/ electronic stacks			500		
	Workroom			100		0
	Staff Office			100		100
	Storage			150		250
Subtotal		4,300	1,550	2,150		

Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment
<i>Specialized Instruction</i>	Computer Lab	1,090	800	800	Per Adq Standards - No smaller than average size classroom
	Computer Storage	0	60	60	
	Science Lab	480	800	800	Per Adq Standards - No smaller than average size classroom
	Science Lab Prep	80	80	80	
	Art Classroom	0	800	800	Per Adq Standards - No smaller than average size classroom
	Art Storage	0	60	60	
	Music Room	0	800	800	Per Adq Standards - No smaller than average size classroom
	Music Storage	0	60	60	
Subtotal		1,650	3,460	3,460	

Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment
<i>Multi-Purpose Room</i>	Cafeteria / PE Area	4,530	5,200	5,200	Multi-Purpose room in lieu of gym and cafeteria
	Food Serving		200	200	
	Kitchen Supply Storage		0	200	
	Storage - Table & Chair		0	250	
	Storage for PE Equipment		150	200	
Subtotal		4,530	5,550	6,050	



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Space Type	Programmed Space Name	Ed Spec Identified SF	Min SF per Adeq. Stds	Revised SF Needed	Comment
<i>Custodial / Storage / Support</i>	Book Storage / Teaching Materials	0	330	330	
	General Storage	1,540	165	165	
	Custodial Closet		N/A	200	
	Recycle Collection		N/A	125	
	Intermediate Distribution Frame				
Subtotal		1,540	495	820	

Sub-Total Square Footage not including TARE	27,020	27,478	31,065	
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TARE SPACE	1,263	11,522	11,935	
Total Gross SF	28,283	39,000	43,000	

4.47% 29.54% 27.76%

Tare Calculated based on single story facility