

# Drawing Review Checklist

Project: \_\_\_\_\_

Checked	Citation	Description	Comments	Sheet(s)
<input type="checkbox"/>	R7-6-205(B)	Student drop-off or pedestrian pathway does not cross vehicular traffic or use of cross walk		
<input type="checkbox"/>	R7-6-205(D)	Runoff / retention does not occur next to the building or creates erosion problems		
<input type="checkbox"/>	Recommend	No detectable warnings required on site per new ADA Standards (March 2011)		
<input type="checkbox"/>	R7-6-205(E)	Fence or wall at play/physical education area for preschool, kindergarten and grades one through six (entire site acceptable)		
<input type="checkbox"/>	R7-6-210(A)	Classroom space: 32 SF per preschool student		
<input type="checkbox"/>	R7-6-210(B)	Classroom space: 28 SF per student grade one through six		
<input type="checkbox"/>	R7-6-210(C)	Classroom space: 26 SF per student grade seven through eight		
<input type="checkbox"/>	R7-6-210(D)	Classroom space: 25 SF per student grade nine through twelve		
<input type="checkbox"/>	R7-6-211(A)	Each general or specialty classroom shall have 1 work space per student (surface and seat)		
<input type="checkbox"/>	R7-6-211(B)	One erasable surface and one projection surface (may be same), and tack board at least 3'-0" x 5'-0"		
<input type="checkbox"/>	R7-6-211(C)	Storage for classroom materials		
<input type="checkbox"/>	R7-6-212(A)	Minimum of 50 foot-candles in classrooms (verify with fixture photometrics)		
<input type="checkbox"/>	R7-6-220(B)	Elementary school library 20 SF per student for 10% of student body, minimum 1000 SF		
<input type="checkbox"/>	R7-6-220(C)	Middle, junior high, high school library 20 SF per student for 10% of student body, minimum 1200 SF		
<input type="checkbox"/>	R7-6-221(A) (1)	One linear foot of book shelf per student		
<input type="checkbox"/>	R7-6-221(A) (2 & 3)	One work surface and seat for every 20 students, minimum of 15, maximum of 75		
<input type="checkbox"/>	R7-6-221(A) (4)	One TV / VCR		
<input type="checkbox"/>	R7-6-221(A) (5)	One overhead projector		
<input type="checkbox"/>	R7-6-221(A) (6)	Ten books per student (noted on plans)		
<input type="checkbox"/>	R7-6-226	Sealed kitchen drawings if by Registrant		
<input type="checkbox"/>	R7-6-227	Kitchen equipment as required: (1) 3 compartment sink (1) double stack convection oven (1) dishwasher (as required) (1) hot food holding appliance (1) range with hood (1) refrigerator (1) freezer (1) milk refrigerator		

<input type="checkbox"/>	R7-6-230	Auditorium, multipurpose rooms to accommodate 1/3 of the student body, minimum of 7 SF per student for 1/3 of student body, may have more than 1 function		
<input type="checkbox"/>	R7-6-235(A)	Each classroom shall have 1 internet access through a network connection		
<input type="checkbox"/>	R7-6-245(A)	Grades 5 through 12 shall have classroom space specifically for science		
<input type="checkbox"/>	R7-6-245(A)(1)	<ul style="list-style-type: none"> <li>Grades 5 through 8 no additional space beyond academic classroom required</li> <li>Grades 9 through 12 requires 4 SF per student additional space</li> </ul>		
<input type="checkbox"/>	R7-6-245(B)	Grades 5 through 12 require equipment per R7-6-246		
<input type="checkbox"/>	R7-6-246(A)	Grades 9 through 12 shall have: (1) demonstration table surface per 250 students (6) laboratory stations surface per 250 students (1) fume hood (1) chemical storage unit per 1,000 students (1) eye wash/shower per 250 students (1) dissecting microscope per 25 students, minimum of the lesser of 12 or ½ of the number of eligible students (1) refrigerator		
<input type="checkbox"/>	R7-6-246(B)	Grades 5 through 12 shall have: (1) sink per 250 students (1) compound microscope per 25 students, minimum of the lesser of 12 or ½ of the number of eligible student (1) balance per 250 students		
<input type="checkbox"/>	R7-6-247(A)	Grades 7 through 12 shall provide space for art programs including visual, music, and performing arts		
<input type="checkbox"/>	R7-6-247(B)	Grades 7 through 12 shall have 4 SF per student of art education space		
<input type="checkbox"/>	R7-6-248(A)	Grades 7 through 12 shall have space for vocational education programs		
<input type="checkbox"/>	R7-6-248(B)	Grades 7 through 12 shall have 4 SF per student of vocational education space		
<input type="checkbox"/>	R7-6-249(B)	Physical education space required: <ul style="list-style-type: none"> <li>20-50 students, (1) indoor space of 1,600 SF minimum</li> <li>50-125 students, (1) indoor space of 2,600 SF minimum</li> <li>More than 125, total indoor space of 5,100 SF minimum with (1) space that is at least 2,600 SF</li> </ul>		
<input type="checkbox"/>	R7-6-250(A)	Physical education equipment shall be: <ul style="list-style-type: none"> <li>1 basketball court and 2 goals per 300 students, 4 courts maximum</li> <li>Exterior to building, 1 baseball/softball backstop</li> </ul>		
<input type="checkbox"/>	R7-6-250(B)	Basketball courts shall be concrete when installed		
<input type="checkbox"/>	R7-6-255(B)	Parent workspace, if required, 1 SF per student with 150 SF minimum and 800 SF maximum		

<input type="checkbox"/>	R7-6-256	Two-way internal communication system required		
<input type="checkbox"/>	R7-6-257	Fire alarm system required		
<input type="checkbox"/>	R7-6-258(A)	Administrative space shall be: <ul style="list-style-type: none"> <li>• 150 SF for school administrator</li> <li>• General administrative purposes an additional 1.5 SF per student, minimum 150 SF, maximum 2,500 SF</li> </ul>		
<input type="checkbox"/>	R7-6-258(B)	Isolated sick student area is required: <ul style="list-style-type: none"> <li>• Accessible to a restroom</li> <li>• Minimum 1 cot per 200 students, 4 cot maximum</li> </ul>		
<input type="checkbox"/>	R7-6-258(C)	Faculty work space required, 1 SF per student, minimum 150 SF, maximum 800 SF		
<input type="checkbox"/>	R7-6-261	Any energy savings that meets SFB funding criteria		
<input type="checkbox"/>	R7-6-271(1)	Exterior envelope: <ul style="list-style-type: none"> <li>• Walls and roof weather tight</li> <li>• Doors and windows are weather tight</li> </ul>		
<input type="checkbox"/>	R7-6-271(2)	Interior surface: <ul style="list-style-type: none"> <li>• Capable of supporting finish</li> <li>• Has appropriate blocking for support of attached elements</li> </ul>		
<input type="checkbox"/>	R7-6-271(3)	Interior finish: <ul style="list-style-type: none"> <li>• Free of lead paint</li> <li>• Free of asbestos</li> </ul>		
<input type="checkbox"/>	R7-6-275	Minimum gross square footages, verify with School Finance Specialist (verify if geographical modifications are required per R7-6-302)		
<input type="checkbox"/>	A.R.S. §34-451	Comcheck for envelope, HVAC, electrical required		
<input type="checkbox"/>	A.R.S. §34-451	Complies with ASHRAE 90.1		
<input type="checkbox"/>	Davis-Bacon	Verify specifications are correct		
<input type="checkbox"/>	Design-Bid-Build	Include a "reject all" clause in bidding instructions		
<input type="checkbox"/>	Recommend	If elevator is required, use limited use, limited application (LULA)		
<input type="checkbox"/>	ASHRAE 62.1 Table B-2	Low VOC on all applicable materials (finishes and adhesives)		
<input type="checkbox"/>	ASHRAE 62.1 §5.4	Air stream surface mold resistance		
<input type="checkbox"/>	ASHRAE 62.1	Submit 62MZCalc Spreadsheet(s) from users manual		
<input type="checkbox"/>	A.R.S. §15-156	No application of diisocyanates while building is occupied by student or teacher (foam roof)		
<input type="checkbox"/>	Policy	SFB Project Number on all sheet and documents		
<input type="checkbox"/>	Policy	All drawings at same level of completion		
<input type="checkbox"/>	Policy	Roofing system submittal at DD		
<input type="checkbox"/>	Policy	Provide a single drawing of adjacent ways		
<input type="checkbox"/>	Policy	Composite site plan in a single file		
<input type="checkbox"/>	Policy	HVAC in MDF or IDF rooms to be cooling only		

<input type="checkbox"/>	Policy	Waterless urinals		
<input type="checkbox"/>	Policy	Soil remediation		
<input type="checkbox"/>	Policy	Verify if existing utilities are adequate for additional space: <ul style="list-style-type: none"> <li>• Water supply</li> <li>• Waste / septic system</li> <li>• Gas supply</li> <li>• Electrical service</li> </ul>		
<input type="checkbox"/>	Policy	Rilem tubes test all exterior walls, including back of parapets, in specifications		
<input type="checkbox"/>	EO 2005-05	LEED Silver Design		
<input type="checkbox"/>				
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