

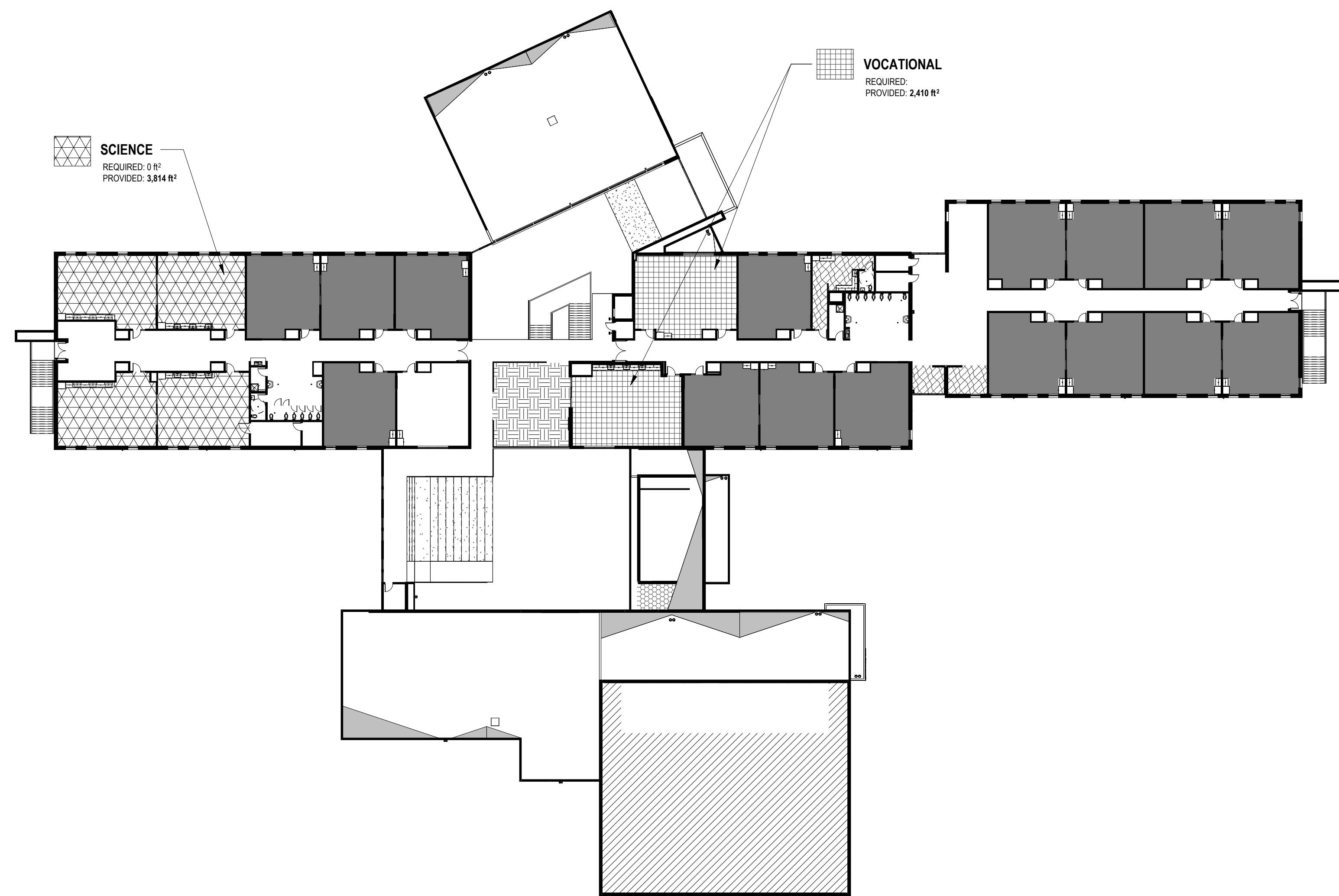
MAG Drawing Review Checklist				
Project	SFD 110220000-9999-037N			
Checked	Citation	Description	Comments/Action by	Sheet(s)
1	R7-6-205(A)	A school district shall ensure a school site has Safe Access, Parking, Drainage and Security to accommodate a school facility that complies with: The minimum gross Sq. Ft. requirements established in A.R.S. §41-571(C), for the number of students at the school facility.	Architect, Civil, District	Complies
2	R7-6-205(B)	A school site provides adequate parking by having an all-weather surface area to accommodate (1) parking space for FTE and (1) visitor parking space per (100) students. A school site shall be suitable to provide adequate parking may have the sufficiency - determined by the board - w/ criteria: 1) Street parking around the school facility 2) Nearby parking lots 3) Public transit 4) Staff drives daily 5) Daily visitors	Architect Note: If permanent striping is not possible prior to student occupancy, temporary traffic cones & signage shall be provided. Architect, Civil, District	Complies
3	R7-6-205(C)	A school facility shall have classroom square footage designated in subsection (D) may have more than one function including the comprehensive health program established in compliance with the academic standards prescribed by the State Board of Education.	Architect	Complies
4	R7-6-205(D)	Physical education indoor space shall be: 1) No more than 50 students, at least 1,600 SF in a single space. 2) 51-105 students, at least 2,800 SF in a single space. 3) 126 to 400 students, at least 5,100 SF at least w/ (1) space at least 2,800 SF in a single space. 4) More than 400 students, at least 7,500 SF which may include space that also serves as a cafeteria.	Architect, District	Complies
5	R7-6-205(E)	The classroom square footage designated in subsection (D) may have more than one function including the comprehensive health program established in compliance with the academic standards prescribed by the State Board of Education.	Architect, District	Complies
6	R7-6-210(A)(1)	A school facility shall have an HVAC or other system capable of maintaining a temperature between 68° and 82° F under normal conditions with an occupied classroom.	Architect	Complies
7	R7-6-210(A)(2)	Classroom space: 28 SF per student grades seven and eight.	Architect	Complies
8	R7-6-210(A)(3)	Classroom space: 25 SF per student grades nine through twelve.	Architect	Complies
9	R7-6-210(A)(4)	Classroom and general / specialty classroom is measured from interior wall to interior wall and is the space required for teaching.	Architect	Complies
10	R7-6-210(B)	Each general or specialty classroom shall have a work space per student (surface and seat).	Architect	Complies
11	R7-6-211(1)	Have at least one non-electronic or electronic, (3' x 5') mounted or retractable surface, erasable, suitable for projection and display.	Architect	Complies
12	R7-6-211(2)	Storage for classroom materials.	Architect	Complies
13	R7-6-211(3)	Secure storage for student records - may be stored electronically.	Architect	Complies
14	R7-6-211(4)	Fifty foot-candles in classrooms if incandescent, halogen or fluorescent bulbs.	Architect	Complies
15	R7-6-212(1)	Thirty foot-candles of light if the light is provided by LED (light emitting diode) bulbs.	Architect	Complies
16	R7-6-212(2)	A school facility shall have an HVAC or other system capable of maintaining a temperature between 68° and 82° F under normal conditions with an occupied classroom.	Mechanical Engineer	Will Comply
17	R7-6-213(A)	Classroom(s) Acoustic: sustained background sound level of less than 55 decibels.	Mechanical Engineer, Architect	Will Comply
18	R7-6-214	Classroom(s) Air Quality: the CO2 level shall not exceed 700 PPM above the ambient CO2 level.	Mechanical Engineer	Will Comply
19	R7-6-215	Measuring Classroom Comfort: Complies w/ R7-6-212 through R7-6-215. 1) Measured at a work surface in (+/-) center of classroom under normal conditions and 2) Random sample of 10% of classroom space in each building	Architect	Will Comply
20	R7-6-216	A school facility shall have a learning and technology center with space for students to access electronic and hard-copy research and reading materials. The learning and technology center shall include space for reading, listening, and viewing materials.	Architect	Will Comply
21	R7-6-220(A)	For an elementary school facility the learning and technology center shall have space equal to the lesser of 1000 square feet or the square footage equal to 20 square feet per student for 10 percent of the student body.	Architect	Complies
22	R7-6-220(B)	For a middle or junior high or high school facility that serves at least 150 students, the learning and technology center shall have space equal to the lesser of 1200 square feet or the square footage equal to 20 square feet per student for 10 percent of the student body.	Architect	Complies
23	R7-6-220(C)	One work surface and seat for every 20 students, minimum of 15, maximum of 75.	Architect	Complies
24	R7-6-221(A)(1)	One Multi-Media display.	Architect, District	Complies
25	R7-6-221(A)(2)	Projection equipment and projection surface.	Architect, District	Complies
26	R7-6-221(A)(3)	Ten books per student.	Architect, District	Complies
27	R7-6-221(A)(4)	Note: If hard or soft copies of books are not available due to supply chain/vendor delivery issues at the time of occupancy, the SFOB requires a written plan from the district to provide a temporary alternative.	Architect, District	Complies
28	R7-6-221(A)(5)	An electronic or hard copy of each: Almanac, Encyclopedia, Atlas and Unabridged Dictionary.	Architect, District	Complies
29	R7-6-221(B)	If a hard-copy almanac, encyclopedia, or atlas is used, each shall have a publication date of 2015 or later.	Architect, District	Complies
30	R7-6-225	Cafeteria: shall have a covered space, in which students are able to eat within the school site, outside of classrooms.	Architect	Complies
31	R7-6-226 (A)	A school facility shall have space, fixtures, and equipment sufficient for receiving, storing, preparing, and serving food to students. The food service fixtures and equipment shall be in or accessible to the cafeteria space.	Architect, District	Complies
32	R7-6-226 (B)	A School Facility shall ensure food service fixtures and equipment comply with county health codes.	Architect	Complies
33	R7-6-227(A)	Kitchen equipment as required: (1) 3-compartment sink (1) double-stack oven or a warming oven (1) dishwasher - if reusable dishes, silverware (1) hot-food holding appliance (1) range with hood (1) refrigerator (1) freezer (1) milk refrigerator	Architect, District	Complies
34	R7-6-227(B)	An alternative may be substituted for any item in (A) if enables to receive, store, prepare and serve food to students.	Architect, District	Complies
35	R7-6-227(C)	A school facility that receives, stores and serves food prepared off the school site may substitute equipment required for a warming kitchen for the items in (A).	Architect	Complies
36	R7-6-230	Multiuse Space: Capable for student assembly - space shall be: 1) Large Enough to accommodate 1/3 of the student body 2) Same size or larger than average classroom	Architect	Complies
37	R7-6-235	Technology: A school facility shall provide at least (1) network connected multimedia device for every student. A multimedia device is a computer, tablet or other smart device w/ internet access capable of presenting multimedia content.	Architect, District	Complies
38	R7-6-245(A)	Science Facilities: Grades 5 through 12 shall have classroom Sq. Ft. for delivery of practical instruction in science: 1) Grades 5 through 8: per student, minimum of 12 or 1/3 of the number of students in grades 5 through 12, whichever is lower 2) Grades 9 through 12: per student, space shall not be smaller than the average classroom and may be used for other instruction when not needed for instruction in science.	Architect, District	Complies
39	R7-6-245(B)	Grades 5 through 12 shall have the science fixtures and equipment per R7-6-246.	Architect, District	Complies
40	R7-6-246(A)	Equipment List for: Grades 9 through 12 shall have the following science-facility fixtures equipment: (1) demonstration table with non-corrosive surface per 250 students (6) laboratory stations with non-corrosive surface per 250 students (1) fume hood (1) chemical storage unit per 1,000 students (1) eyewash or safety shower station per 250 students (1) microscope per 25 students, minimum of 12 or 1/3 of the number of students in grades 9 through 12, whichever is lower (1) refrigerator	Architect, District	Complies
41	R7-6-246(B)	Grades 5 through 12 shall have: (1) sink per 250 students (1) microscope per 25 students, minimum of 12 or 1/3 of the number of students in grades 5 through 12, whichever is lower (1) balance per 250 students	Architect, District	Complies
42	R7-6-247(A)	Arts Facilities: Career and Technical Education Facilities: Grades 7 through 12 shall have space for art	Architect, District	Complies

43	R7-6-247(B)	education programs including visual, music, and performing arts and career and technical education programs.	Architect, District	Complies
44	R7-6-247(C)	Grades 7 through 12 shall have a 4 SF per student of space for art and/or career and technical education space. The space shall not be smaller than the average classroom and may be used for other instruction when not needed for instruction in the arts or career and technical education.	Architect, District	Complies
45	R7-6-249(A)	A school facility shall have classroom square footage designated in subsection (D) may have more than one function including the comprehensive health program established in compliance with the academic standards prescribed by the State Board of Education.	Architect	Complies
46	R7-6-249(B)	Physical education indoor space shall be: 1) No more than 50 students, at least 1,600 SF in a single space. 2) 51-105 students, at least 2,800 SF in a single space. 3) 126 to 400 students, at least 5,100 SF at least w/ (1) space at least 2,800 SF in a single space. 4) More than 400 students, at least 7,500 SF which may include space that also serves as a cafeteria.	Architect, District	Complies
47	R7-6-249(C)	The classroom square footage designated in subsection (D) may have more than one function including the comprehensive health program established in compliance with the academic standards prescribed by the State Board of Education.	Architect	Complies
48	R7-6-250(A)	A school facility shall have a learning and technology center with space for students to access electronic and hard-copy research and reading materials. The learning and technology center shall include space for reading, listening, and viewing materials.	Architect	Complies
49	R7-6-250(B)	For an elementary school facility the learning and technology center shall have space equal to the lesser of 1000 square feet or the square footage equal to 20 square feet per student for 10 percent of the student body.	Architect	Complies
50	R7-6-255(A)	For a middle or junior high or high school facility that serves at least 150 students, the learning and technology center shall have space equal to the lesser of 1200 square feet or the square footage equal to 20 square feet per student for 10 percent of the student body.	Architect	Complies
51	R7-6-255(B)	One work surface and seat for every 20 students, minimum of 15, maximum of 75.	Architect	Complies
52	R7-6-256	One Multi-Media display.	Architect, District	Complies
53	R7-6-257	Projection equipment and projection surface.	Architect, District	Complies
54	R7-6-258(A)	Ten books per student.	Architect, District	Complies
55	R7-6-258(B)	Note: If hard or soft copies of books are not available due to supply chain/vendor delivery issues at the time of occupancy, the SFOB requires a written plan from the district to provide a temporary alternative.	Architect, District	Complies
56	R7-6-259(C)	An electronic or hard copy of each: Almanac, Encyclopedia, Atlas and Unabridged Dictionary.	Architect, District	Complies
57	R7-6-265(A)	If a hard-copy almanac, encyclopedia, or atlas is used, each shall have a publication date of 2015 or later.	Architect, District	Complies
58	R7-6-265(B)	Cafeteria: shall have a covered space, in which students are able to eat within the school site, outside of classrooms.	Architect	Complies
59	R7-6-270	A school facility shall have space, fixtures, and equipment sufficient for receiving, storing, preparing, and serving food to students. The food service fixtures and equipment shall be in or accessible to the cafeteria space.	Architect, District	Complies
60	R7-6-271(1)	A School Facility shall ensure food service fixtures and equipment comply with county health codes.	Architect	Complies
61	R7-6-271(2)	Kitchen equipment as required: (1) 3-compartment sink (1) double-stack oven or a warming oven (1) dishwasher - if reusable dishes, silverware (1) hot-food holding appliance (1) range with hood (1) refrigerator (1) freezer (1) milk refrigerator	Architect, District	Complies
62	R7-6-271(3)	An alternative may be substituted for any item in (A) if enables to receive, store, prepare and serve food to students.	Architect, District	Complies
63	R7-6-275	A school facility that receives, stores and serves food prepared off the school site may substitute equipment required for a warming kitchen for the items in (A).	Architect	Complies
64	R7-6-276	Multiuse Space: Capable for student assembly - space shall be: 1) Large Enough to accommodate 1/3 of the student body 2) Same size or larger than average classroom	Architect	Complies
65	R7-6-285	Technology: A school facility shall provide at least (1) network connected multimedia device for every student. A multimedia device is a computer, tablet or other smart device w/ internet access capable of presenting multimedia content.	Architect, District	Complies
66	A.R.S. §34-451	Science Facilities: Grades 5 through 12 shall have classroom Sq. Ft. for delivery of practical instruction in science: 1) Grades 5 through 8: per student, minimum of 12 or 1/3 of the number of students in grades 5 through 12, whichever is lower 2) Grades 9 through 12: per student, space shall not be smaller than the average classroom and may be used for other instruction when not needed for instruction in science.	Architect, District	Complies
67	A.R.S. §34-451	Grades 5 through 12 shall have the science fixtures and equipment per R7-6-246.	Architect, District	Complies
68	Davis-Bacon	Equipment List for: Grades 9 through 12 shall have the following science-facility fixtures equipment: (1) demonstration table with non-corrosive surface per 250 students (6) laboratory stations with non-corrosive surface per 250 students (1) fume hood (1) chemical storage unit per 1,000 students (1) eyewash or safety shower station per 250 students (1) microscope per 25 students, minimum of 12 or 1/3 of the number of students in grades 9 through 12, whichever is lower (1) refrigerator	Architect, District	Complies
69	Design-Bid-Build	Grades 5 through 12 shall have: (1) sink per 250 students (1) microscope per 25 students, minimum of 12 or 1/3 of the number of students in grades 5 through 12, whichever is lower (1) balance per 250 students	Architect, District	Complies
70	ASHRAE 62.1	Grades 5 through 12 shall have: (1) sink per 250 students (1) microscope per 25 students, minimum of 12 or 1/3 of the number of students in grades 5 through 12, whichever is lower (1) balance per 250 students	Architect, District	Complies
71	ASHRAE 62.1	Grades 5 through 12 shall have: (1) sink per 250 students (1) microscope per 25 students, minimum of 12 or 1/3 of the number of students in grades 5 through 12, whichever is lower (1) balance per 250 students	Architect, District	Complies
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73	ASHRAE 62.1	Grades 5 through 12 shall have: (1) sink per 250 students (1) microscope per 25 students, minimum of 12 or 1/3 of the number of students in grades 5 through 12, whichever is lower (1) balance per 250 students	Architect, District	Complies
74	A.R.S. §15-156	Arts Facilities: Career and Technical Education Facilities: Grades 7 through 12 shall have space for art	Architect, District	Complies

75	Policy	SFOB Project Number on all sheets and documents.	Architect	Will comply
76	Policy	All drawings at same level of completion.	Architect	Acknowledged
77	Policy	Grades 7 through 12 shall have a 4 SF per student of space for art and/or career and technical education space. The space shall not be smaller than the average classroom and may be used for other instruction when not needed for instruction in the arts or career and technical education.	Architect	Will provide
78	Policy	Provide requirements for Adjacent Ways and Validation (i.e. single drawing and schedule of values).	Architect	Acknowledged
79	Policy	Composite site plan in a single file.	Architect	Acknowledged
80	Policy	HVAC in MDF or IDF rooms to be cooling only.	Mechanical Engineer	Will comply
81	Policy	Soil remediation (if required).	Architect, Civil	N/A
82	Policy	Verify if existing utilities are adequate for additional space: • Water supply • Waste / septic system • Gas supply • Electrical service	Mechanical Engineer, Electrical Engineer	Utilities connection on site. New site requiring Transformer, SES, etc.
83	Recommend	Riem tubes test seal exterior walls, including back of parapets or District Guideline exception from showing warranty & upgraded solar criteria	Architect, Contractor	Acknowledged
84	EO 2008-05	Provide scorecard (not certification) showing that this project meets LEED Silver version #2	Architect	Acknowledged
85	Recommend	Provide waterless urinals as required by LEED Silver Design version #2	Architect & Plumbing Eng	Request exception
86	Recommend	Landscaping services main water lines minimum 10'-0" from face of building / foundation	Architect, District, Mechanical Engineer	Acknowledged
87	Recommend	If any of the Minimum Adequacy Guideline requirements are excluded from the scope of work of the design disciplines then the SFOB must be notified as part of the review process.	Architect, District	Acknowledged
88	Recommend	Provide drinking water fountains with lead filters to reduce lead in drinking water.	Mechanical Eng	Will comply
89	Recommend	Security fencing for 7-12 grade levels needs to be defined by the District and reviewed by the SFOB.	Architect, District, SFOB	Acknowledged
90	SFOB	The Architects and/or Engineers hired by the District shall utilize the SFOB Performance Specifications to modify their specifications.	Architect, Engineer	Acknowledged
91	Recommend	The Architect hired by the District shall provide to the SFOB their P-Plan (PP) or equal depicting gross square footage as required by A.R.S. 41-571(F) (Paragraph E, Item #4)	Architect	Provided
92	Recommend	The Architect shall request from the contractor the As-Built Drawing & Specifications for final review. All project closedout documents are required by the SFOB for final financial closeout.	Architect	Acknowledged
93	Recommend	As part of the District's contractor's quality control procedures, mockups are required to demonstrate the Architect's design intent for the District's approval prior to the contractor's scheduled work activities. If this process does not include the District's prior approval, the Architect or Contractor may be found responsible for added costs.	Architect	Acknowledged
94	Recommend	Each project requires Special Inspections typically by a 3 rd party. Has this project included a quote for these inspections? These inspections include Geotechnical & Special Inspections and Material Testing services.	Architect	Yes, these are accounted for in soft costs.
95	Recommend	Is this project phased? If so, how does this affect the District's occupancy? How many phases are expected? Will special procurement schedule be implemented early to purchase long lead items? How many GMPs are required?	Architect, Contractor, District	No
96	ADOA	Similar property is first made available to organizations that meet eligibility requirements as established by Federal Property Management Regulations and the Arizona Administrative Code.	Architect, District	Acknowledged
97	SFOB	This MAG Drawing Review Checklist is used by the SFOB NC Project Manager during their final walk through after a C of O is issued.	SFOB	Acknowledged

OVERALL FIRST FLOOR PLAN

Scale is 1/32" = 1'-0" when printed on full size sheet.



OVERALL SECOND FLOOR PLAN

Scale is 1/32" = 1'-0" when printed on full size sheet.

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Maricopa Unified School District

MUSD NEW MODEL SCHOOL

Sorrento Neighborhood, Maricopa, AZ 85138

SFB PROJECT #110220000-9999-037N

SIGN / SEAL



OWP PROJECT NO. 2024_198 DATE OF ISSUE 05.19.2025

PROJECT PHASE / ISSUED FOR Construction Documents

REVISIONS		
NUMBER	DESCRIPTION	DATE
2	Coordination	06.09.25

PROJECT TEAM AZ EDUCATION STUDIO DRAWN BY Author

SHEET CONTENTS / TITLE SFOB DATA SHEET

G-004

AGENCY NO. SFB PROJECT #110220000-9999-037N