

Elizabeth High School



**34500 CO RD 13
ELIZABETH, CO 80107**

Year Built: 1999

Site Area: - 263,400 SF (6 Acres)

Number of Permanent Buildings: 1

Number of Modular Buildings: - 2

Total Building Area: 85,006 sf

Permanent Buildings: 111,400 sf

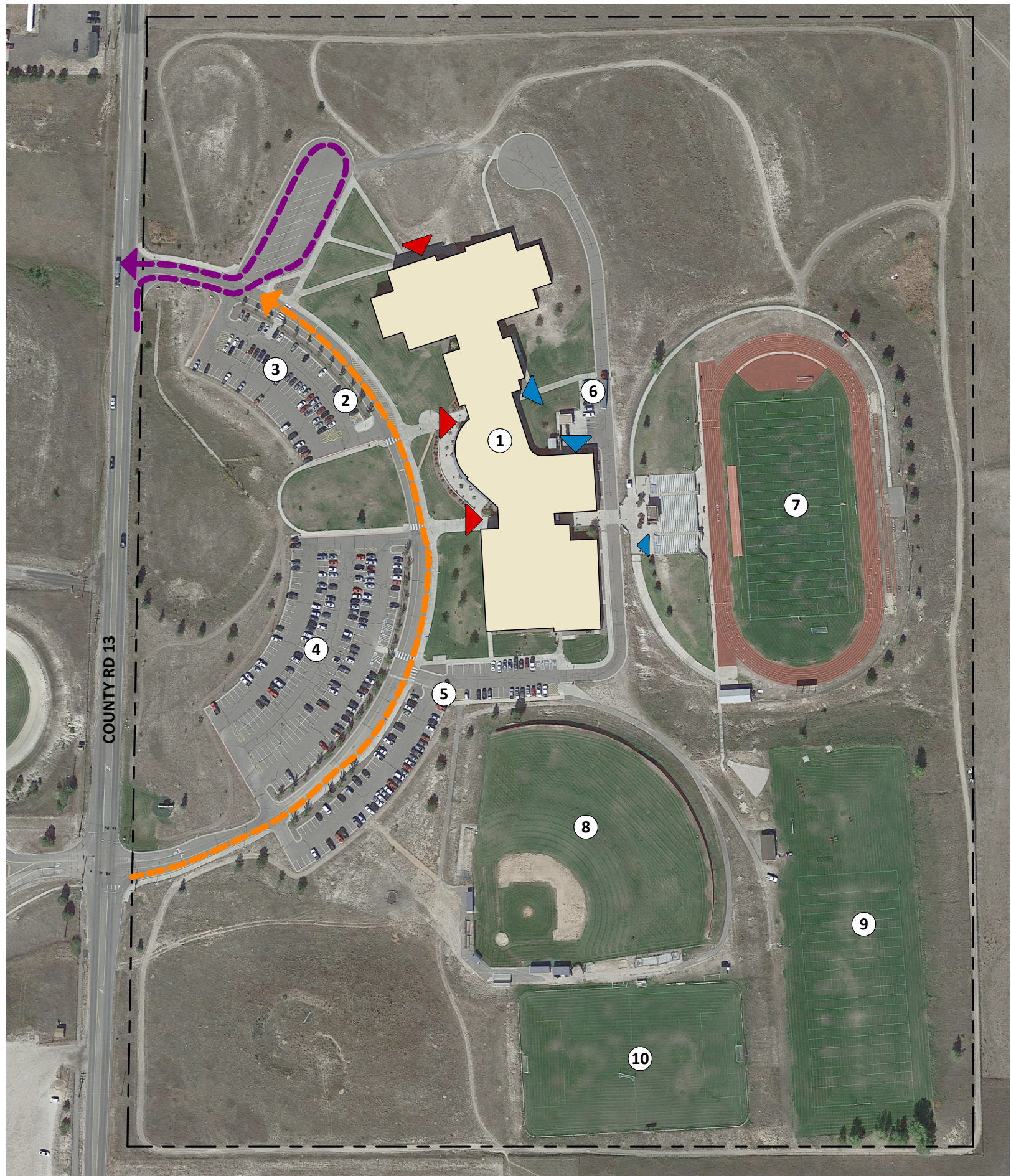
Modular Buildings: -

Building Capacity: 941

Current Enrollment: 672

Projected Enrollment 2031: 702

Grades Served: 9-12



EXISTING SITE PLAN

1" = 200'-0"

ELIZABETH HIGH SCHOOL

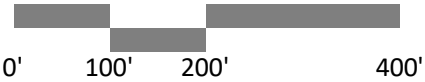
scale: 1" = 200'-0"

KEY PLAN LEGEND

- 1. ELIZABETH HIGH SCHOOL BUILDING
- 2. STAFF PARKING
- 3. STUDENT PARKING
- 4. STUDENT PARKING
- 5. STAFF PARKING
- 6. STAFF PARKING
- 7. FOOTBALL FIELD
- 8. BASEBALL FIELD
- 9. PRACTICE FIELD
- 10. SOCCER FIELD

SITE PLAN LEGEND

- SITE BOUNDARY
- PERMANENT BUILDING FOOTPRINT
- MODULAR BUILDING FOOTPRINT
- NEW BUILDING FOOTPRINT
- BUS PICK-UP / DROP-OFF
- MAIN ENTRY
- DISTRICT SERVICE DRIVE / ENTRY





EDUCATIONAL DEPARTMENT LEGEND

- Administration
- Art / Music
- Breakout Instruction / Intervention
- Computer Lab / STEM
- Dining/Commons
- Instructional Areas
- Library
- PE/Athletics
- Special Education
- Support

CAPACITY WORKSHEET					
CLASSROOM	ROOM NUMBER	AREA	DISTRICT PUPIL TEACHER RATIO	CDE SF/PUPIL	CDE CAPACITY
Art/Music					
STAGE	168	2166 SF	27	35	62
DRAMA	182	808 SF	27	35	23
SET SHOP	189	893 SF	27	35	26
VOCAL	193	979 SF	27	35	28
INST. MUSIC	203	1979 SF	27	35	57
CLASSROOM / YEARBOOK	A209	884 SF	27	45	20
NEWSAPAPER	A210	871 SF	27	28	31
3D ART	A237	1184 SF	27	45	26
2D ART	A241	1190 SF	27	45	26
Instructional Areas					
MATH	A110	871 SF	27	28	31
MATH	A111	864 SF	27	28	31
MATH	A112	878 SF	27	28	31
MATH	A114	944 SF	27	28	34
MATH	A116	868 SF	27	28	31
HEALTH	A118	941 SF	27	28	34
TECHNOLOGY LAB	A163	1186 SF	27	28	42
FABRICATION SHOP	A165	861 SF	27	28	31
CONSUMER / FAMILY STUDIES	A168	1158 SF	27	28	41
CLASSROOM	A211	863 SF	27	28	31
CLASSROOM	A212	878 SF	27	28	31
CLASSROOM	A214	927 SF	27	28	33
CLASSROOM	A216	868 SF	27	28	31
CLASSROOM	A218	920 SF	27	28	33
RESOURCE	B209	927 SF	27	28	33

CAPACITY WORKSHEET					
CLASSROOM	ROOM NUMBER	AREA	DISTRICT PUPIL TEACHER RATIO	CDE SF/PUPIL	CDE CAPACITY
CLASSROOM	B211	888 SF	27	28	32
CLASSROOM	B212	884 SF	27	28	32
CLASSROOM	B214	936 SF	27	28	33
CLASSROOM	B216	873 SF	27	28	31
RESOURCE	B217	828 SF	27	28	30
CLASSROOM	B218	868 SF	27	28	31
PE/Athletics					
MAIN GYMNASIUM	E102	10161 SF	27	338	30
AUXILIARY GYMNASIUM	E103	6159 SF	27	205	30
WEIGHT / FITNESS ROOM	E106	2343 SF	20	117	20
Science					
COMPUTER CLASSROOM	A107	904 SF	27	32	28
CHEMISTY CLASSROOM	A119	1294 SF	27	44	29
CHEMISTY CLASSROOM	A121	1262 SF	27	44	29
COMPUTER CLASSROOM	A207	886 SF	27	32	28
BIOLOGY CLASSROOM	A219	1273 SF	27	44	29
BIOLOGY CLASSROOM	A221	1273 SF	27	44	29
COMPUTER CLASSROOM	A242	675 SF	27	44	15
COMPUTER CLASSROOM	B207	893 SF	27	32	28
CTE	B208	677 SF	20	32	21
CTE	B210	677 SF	20	32	21
CTE	B213	1364 SF	20	32	43
SCIENCE CLASSROOM	B219	1126 SF	27	44	26
SCIENCE CLASSROOM	B221	1137 SF	27	44	26
Special Education					
SPEC. ED	99	324 SF	10	37	9
SPEC. ED	A130	543 SF	15	37	15
SPEC. ED	A226	577 SF	15	37	16
Grand total: 49		63734 SF	1254		1456

FUNCTIONAL CAPACITY

Functional capacity of a school must accurately describe the student capacity based on both facility and educational program goals for a specific school. Operational factors are considered including: academic schedule flexibility, teacher academic planning, and bell schedules. The functional capacity factor for the high school = 0.75

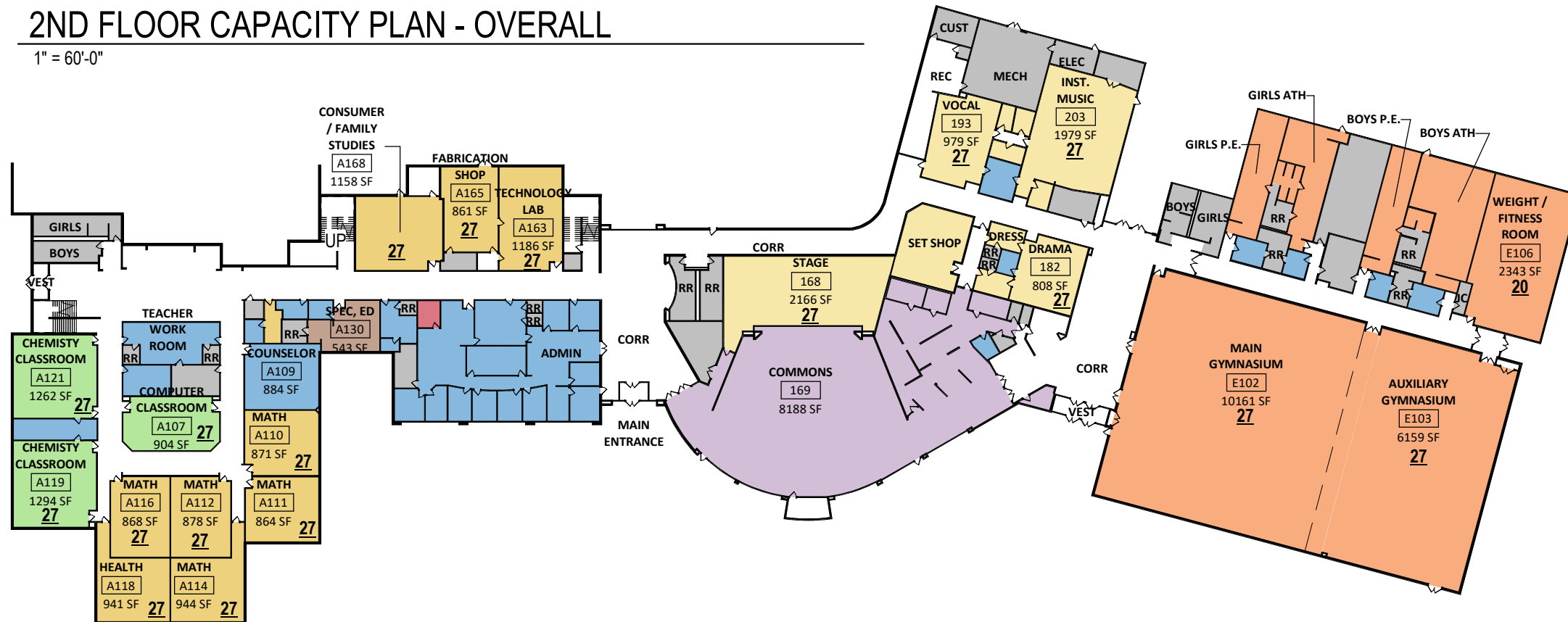
Functional Capacity - 941 Students

2023 ENROLLMENT: 672

NOTE: CDE minimum classroom size is 675 SF, or 28 SF per pupil in grades 9-12. Current average classroom size is 847 SF

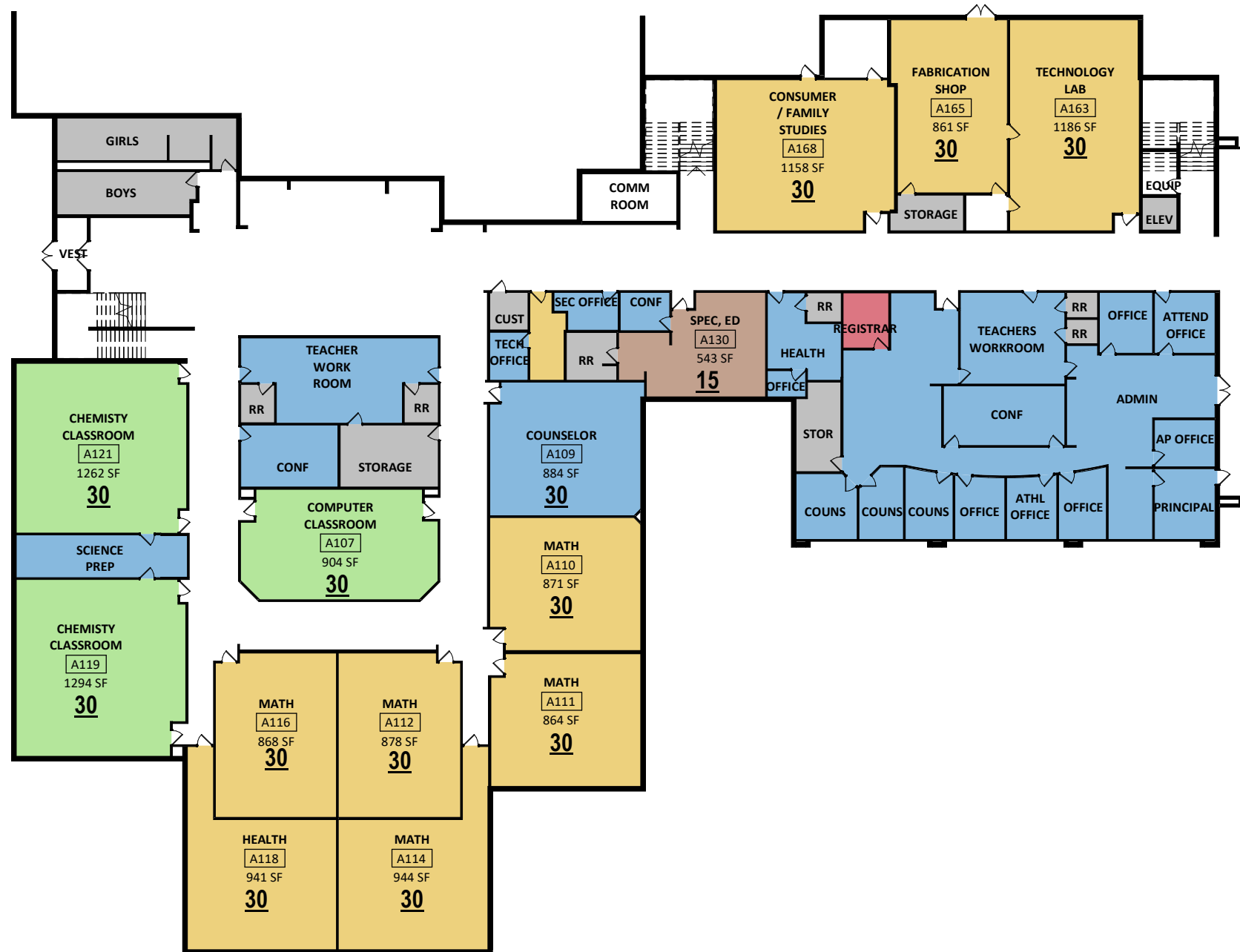
2ND FLOOR CAPACITY PLAN - OVERALL

1" = 60'-0"



1ST FLOOR CAPACITY PLAN - OVERALL

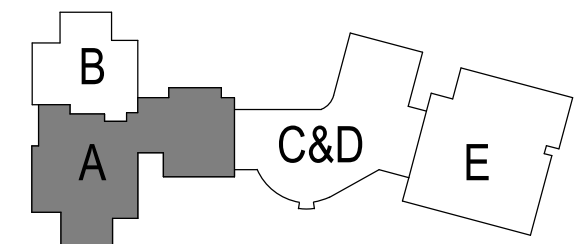
1" = 60'-0"



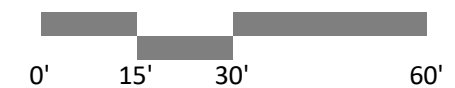
- EDUCATIONAL DEPARTMENT LEGEND**
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 - Support

1ST FLOOR CAPACITY PLAN - AREA A

1" = 30'-0"



KEY PLAN
NTS



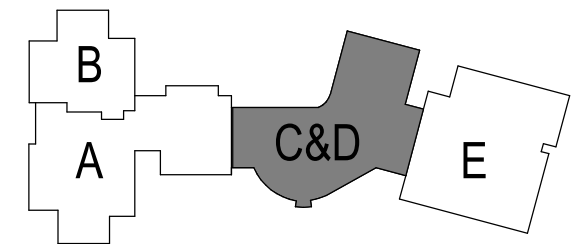
ELIZABETH HIGH SCHOOL
FIRST FLOOR CAPACITY PLAN AREA A



10/11/2023

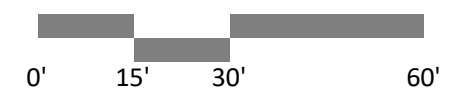


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KEY PLAN
NTS

1ST FLOOR CAPACITY PLAN - AREA C & D
1" = 30'-0"

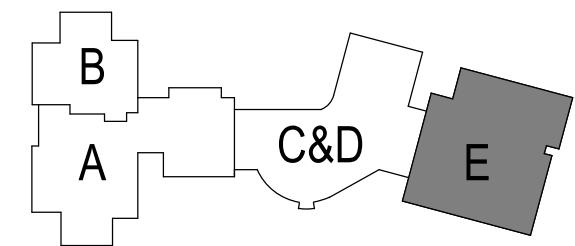


ELIZABETH HIGH SCHOOL
FIRST FLOOR CAPACITY PLAN - AREA C & D





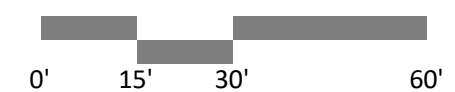
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KEY PLAN
NTS

1ST FLOOR CAPACITY PLAN - AREA E

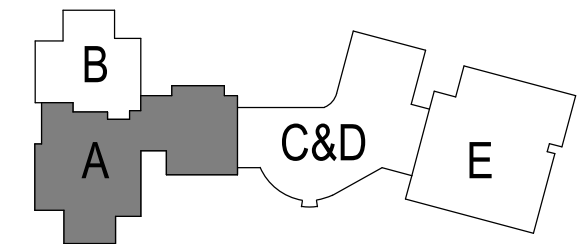
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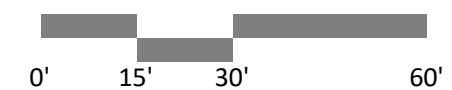


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2ND FLOOR CAPACITY PLAN - AREA A
1" = 30'-0"

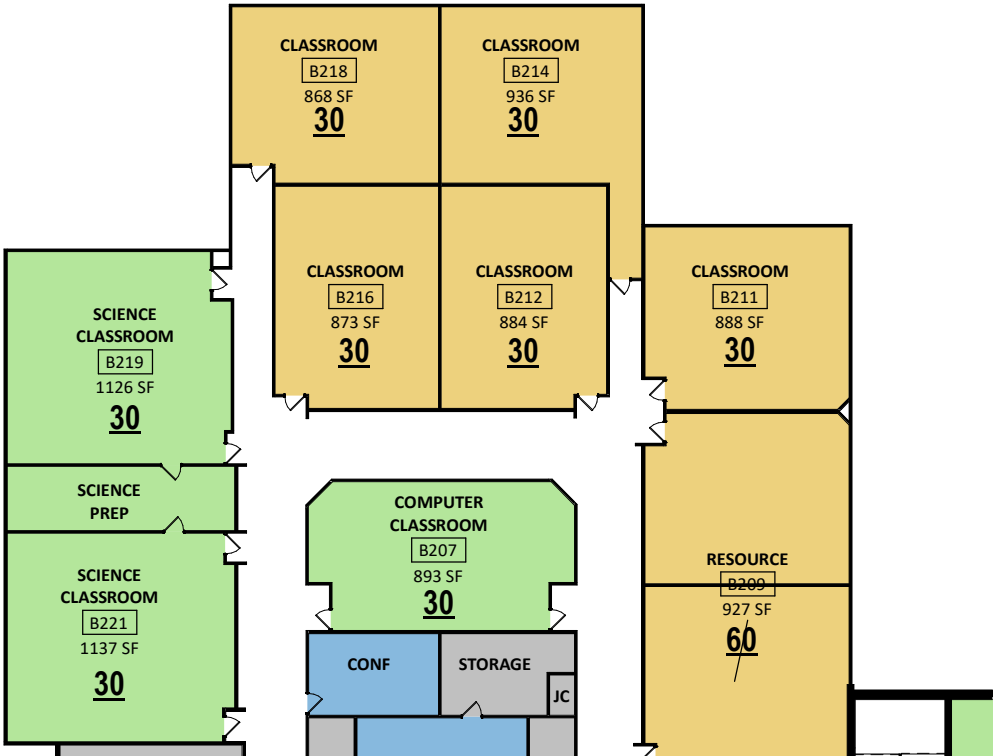


KEY PLAN
NTS



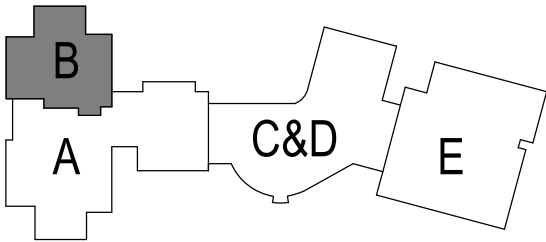
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2ND FLOOR CAPACITY PLAN - AREA B

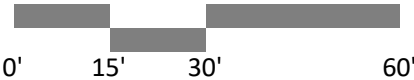
1" = 30'-0"



KEY PLAN
NTS



NORTH



ELIZABETH HIGH SCHOOL
SECOND FLOOR CAPACITY PLAN AREA B



10/11/2023

3.2 Condition Analysis Matrix

District: Elizabeth County School District												Date of last addition: NA			
Facility: Elizabeth High School												Year round start date:			
Date: 2/21/2023															
Failure Timing Legend															
1	Needs Immediate Action (Red)														
2	Replace within 5 Years (Orange)														
3	Replace withn 6-10 Years (Yellow)														
4	Improvement Item (Green) - Also indicate remaining years of system life														
												(see scoring tab for details)			
												GC & Fees		15.00%	
												Contingency Amount		15.00%	
												Soft Cost		20.00%	
Condition Matrix															
ITEM #	FACILITY	LOCATION	ITEM DESCRIPTION	CONSULTANT	ITEM CATEGORY	FAIL TIMING	CAT	CONSQ	FINAL RANK	REMAINING LIFE (YEARS)	COST (Direct Cost) (no soft costs)	COST (w/ Fees & GC's) (no soft costs)	TOTAL COST (w/ soft costs)	TOTAL COST (w/ contingency)	
1	EHS	EXT	Provide heat tape to the left lamb tongue from the main entry	RTA	Exterior - Wall	1	4	1	4		\$ 2,500	\$ 2,875	\$ 3,450	\$ 3,881.25	
2	EHS	EXT	Investigate Efflourance above lambs tongue	RTA	Exterior - Wall	2	7	3	42		\$ 1,000	\$ 1,150	\$ 1,380	\$ 1,552.50	
3	EHS	EXT	Repair damage to wall at second floor above lambs tongue	RTA	Exterior - Wall	2	7	3	42		\$ 1,250	\$ 1,438	\$ 1,725	\$ 1,940.63	
4	EHS	EXT	Replace caulking around windows	RTA	Exterior - Window System	2	7	3	42		\$ 12,500	\$ 14,375	\$ 17,250	\$ 19,406.25	
5	EHS	EXT	Replace caulking at building control joints	RTA	Exterior - Wall	2	7	3	42		\$ 7,500	\$ 8,625	\$ 10,350	\$ 11,643.75	
6	EHS	EXT	Replace 6 Mapes panel	RTA	Exterior - Window System	2	7	3	42		\$ 7,500	\$ 8,625	\$ 10,350	\$ 11,643.75	
7	EHS	EXT	Remove and recaulk at second floor flashing	RTA	Exterior - Wall	2	7	3	42		\$ 15,000	\$ 17,250	\$ 20,700	\$ 23,287.50	
8	EHS	EXT	Repaint sun shades	RTA	Exterior - Structural Elemen	3	7	3	63		\$ 5,000	\$ 5,750	\$ 6,900	\$ 7,762.50	
9	EHS	EXT	Patch holes in wall where device were removed (6)	RTA	Exterior - Wall	1	7	3	21		\$ 1,250	\$ 1,438	\$ 1,725	\$ 1,940.63	
10	EHS	EXT	Seal all CMU with sealant	RTA	Exterior - Wall	1	7	6	42		\$ 18,700	\$ 21,505	\$ 25,806	\$ 29,031.75	
11	EHS	EXT	Repair cracking in stucco north side of building	RTA	Exterior - Wall	2	7	3	42		\$ 1,000	\$ 1,150	\$ 1,380	\$ 1,552.50	
12	EHS	EXT	Remove and replace caulking between building and hardscapes	RTA	Exterior - Wall	2	7	3	42		\$ 3,500	\$ 4,025	\$ 4,830	\$ 5,433.75	
13	EHS	EXT	Replace 2 stones of concrete Infront of door 6	RTA	Site - Paving System	2	7	3	42		\$ 5,000	\$ 5,750	\$ 6,900	\$ 7,762.50	
14	EHS	EXT	Replace HMF at door 7, 9	RTA	Exterior - Door	1	7	3	21		\$ 14,000	\$ 16,100	\$ 19,320	\$ 21,735.00	
15	EHS	EXT	Investigate Efflourance and CMU cracking clockwise from door 7	RTA	Exterior - Wall	2	7	3	42		\$ 1,000	\$ 1,150	\$ 1,380	\$ 1,552.50	
16	EHS	EXT	Investigate vertical cracking in CMU above door 9	RTA	Exterior - Wall	2	7	3	42		\$ 1,000	\$ 1,150	\$ 1,380	\$ 1,552.50	
17	EHS	EXT	Replace fencing at transformer	RTA	Exterior - Structural Elemen	1	7	3	21		\$ 6,000	\$ 6,900	\$ 8,280	\$ 9,315.00	
18	EHS	EXT	Fill asphalt cracks with sealant	RTA	Site - Paving System	2	7	6	84		\$ 15,000	\$ 17,250	\$ 20,700	\$ 23,287.50	
19	EHS	EXT	Replace 4 stones at door 17	RTA	Site - Paving System	2	7	3	42		\$ 10,500	\$ 12,075	\$ 14,490	\$ 16,301.25	
20	EHS	EXT	Investigate efflourence of CMU SW corner	RTA	Exterior - Wall	1	7	3	21		\$ 1,000	\$ 1,150	\$ 1,380	\$ 1,552.50	
21	EHS	EXT	Investigate rust coming thru CMU west side by sign	RTA	Exterior - Wall	1	7	3	21		\$ 1,000	\$ 1,150	\$ 1,380	\$ 1,552.50	
22	EHS	EXT	Provide cover to damaged speaker west side (birds nest)	RTA	Exterior - Wall	1	7	3	21		\$ 750	\$ 863	\$ 1,035	\$ 1,164.38	
23	EHS	EXT	Replace sheathing to canopy right of main entry	RTA	Exterior - Wall	2	7	3	42		\$ 7,500	\$ 8,625	\$ 10,350	\$ 11,643.75	
24	EHS	Roof	Replace caulking at termination bar on parapet	RTA	Exterior - Roof	1	7	3	21		\$ 250	\$ 288	\$ 345	\$ 388.13	
25	EHS	Roof	Provide taller exhaust piping (most less than a 12")	RTA	Exterior - Roof	2	7	3	42		\$ 250	\$ 288	\$ 345	\$ 388.13	
26	EHS	MOD	Replace several ceiling tiles water damage	RTA	Interior - Ceiling System	1	6	6	36		\$ 250	\$ 288	\$ 345	\$ 388.13	
27	EHS	MOD	Provide occupancy light switches	RTA	Electrical - Lighting System	1	3	4	12		\$ 2,400	\$ 2,760	\$ 3,312	\$ 3,726.00	
28	EHS	MOD	Provide LED lighting	RTA	Electrical - Lighting System	1	3	4	12		\$ 1,000	\$ 1,150	\$ 1,380	\$ 1,552.50	
29	EHS	INT	Replace carpeting in classrooms and corridors	RTA	Interior - Flooring System	1	6	7	42	0	\$ 490,000	\$ 563,500	\$ 676,200	\$ 760,725.00	
30	EHS	INT	Replace P-lam window sill with solid surface	RTA	Interior - Wall	2	6	7	84		\$ 2,850	\$ 3,278	\$ 3,933	\$ 4,424.63	
31	EHS	INT	Replace lighting with LED	RTA	Electrical - Lighting System	2	3	7	42		\$ 680,000	\$ 782,000	\$ 938,400	\$ 1,055,700.00	
32	EHS	INT	Provide lighting controls	RTA	Electrical - Lighting System	2	3	7	42		\$ 272,000	\$ 312,800	\$ 375,360	\$ 422,280.00	
33	EHS	INT	Provide urinal screens	RTA	ADA	1	3	4	12		\$ 5,350	\$ 6,153	\$ 7,383	\$ 8,305.88	
34	EHS	INT	Provide vertical grab bar in ADA stall	RTA	ADA	1	5	4	20		\$ 1,134	\$ 1,304	\$ 1,565	\$ 1,760.54	
35	EHS	INT	Lower mirror in restrooms 37" max	RTA	ADA	1	5	4	20		\$ 500	\$ 575	\$ 690	\$ 776.25	
36	EHS	INT	Replace window in room 213 and in Media Center (west)	RTA	Exterior - Window System	1	6	3	18		\$ 3,960	\$ 4,554	\$ 5,465	\$ 6,147.90	
37	EHS	INT	Replace door latch with code compliant ones	RTA	ADA	1	3	4	12		\$ 135,000	\$ 155,250	\$ 186,300	\$ 209,587.50	
38	EHS	INT	Add railing at stair guardrails to raise guardrail ht. its too low	RTA	ADA	1	3	4	12		\$ 15,000	\$ 17,250	\$ 20,700	\$ 23,287.50	
39	EHS	INT	Provide complaint hand rails at stairs	RTA	ADA	1	3	4	12		\$ 8,000	\$ 9,200	\$ 11,040	\$ 12,420.00	
40	EHS	INT	Provide ADA seating in gym	RTA	ADA	1	5	4	20		\$ 10,000	\$ 11,500	\$ 13,800	\$ 15,525.00	
41	EHS	INT	Provide ADA compliant stall in restroom across from gym 59" wide	RTA	ADA	1	5	4	20		\$ 1,737	\$ 1,998	\$ 2,397	\$ 2,696.69	
42	EHS	INT	Replace flooring in restroom across from gym (splits in sheet vinyl)	RTA	Interior - Flooring System	2	6	3	36		\$ 10,661	\$ 12,260	\$ 14,711	\$ 16,550.43	
43	EHS	INT	Replace VCT flooring at cafeteria. End of lfe	RTA	Interior - Flooring System	1	6	3	18	0	\$ 16,435	\$ 18,901	\$ 22,681	\$ 25,515.80	
44	EHS	INT	repalce curtain at exterior window in cafeteria. Sun damaged	RTA	Interior - Wall	2	6	7	84		\$ 14,968	\$ 17,213	\$ 20,656	\$ 23,237.76	
45	EHS	INT	refinish stage	RTA	Interior - Flooring System	2	6	7	84		\$ 2,621	\$ 3,014	\$ 3,617	\$ 4,068.89	
46	EMS	INT	add lo mounted drinking fountain at high mounted locations												

Condition Photo Documentation

Elizabeth High School



Repaint canopies



Replace fence around utilities



Repair/replace concrete



Replace canopy at cafeteria



Recaulk between CMU and Flashing on roof



Replace exterior doors

Condition Photo Documentation

Elizabeth High School



Raise guardrail and handrail height



Replace cafeteria flooring



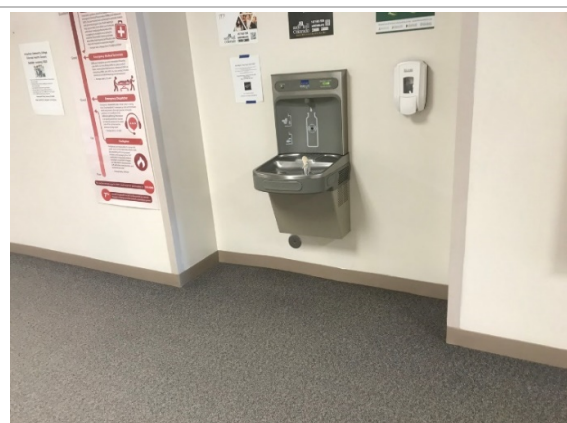
Replace window covering at cafeteria



Replace classroom and corridor flooring



Refinish stage



Include an accessible mounted water cooler when space allows