



BUILDING COMMITTEE MEETING

FACILITY STUDY PRESENTATION

Facility Study Summary • October 19, 2020

MERCER COUNTY SCHOOL DISTRICT #404

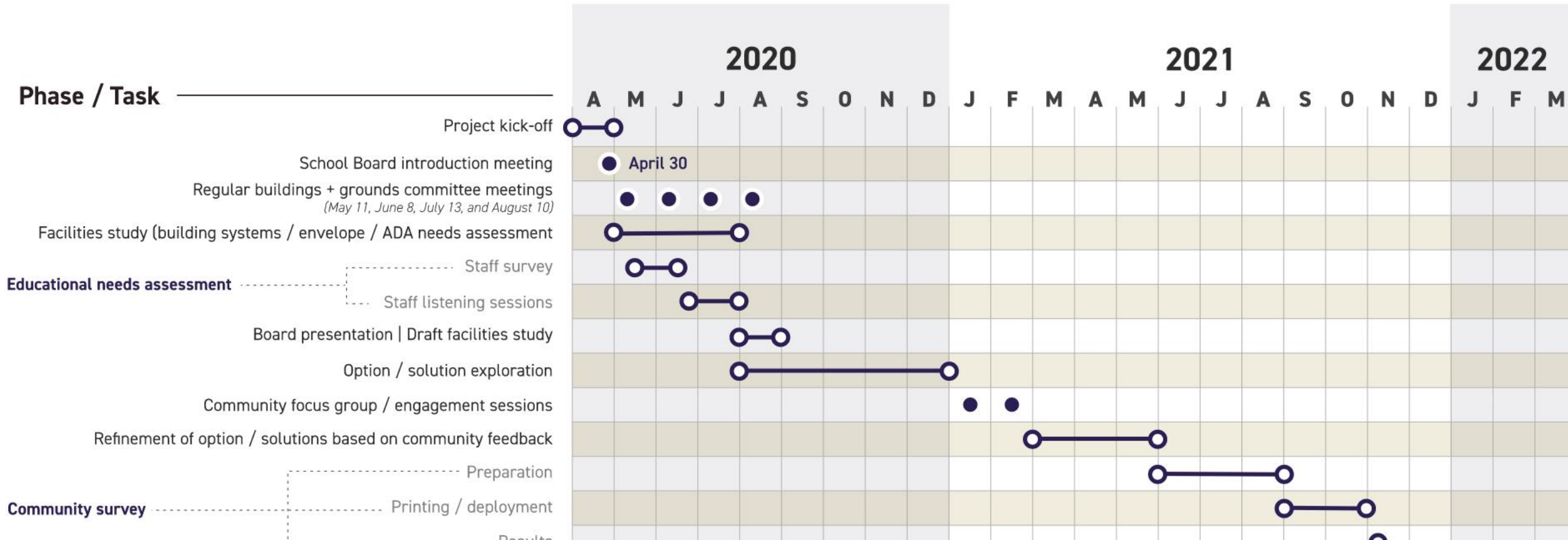
Home of the Golden Eagles





Mercer County School District #404 | Preliminary Timeline

Hypothetical March 2022 Referendum



project team



- Building Walk-throughs & Site Verification
- Architectural Assessment & Facilities Study
- Master Planning & Solutions Exploration

IEFM CONSULTING ENGINEERS

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- Building Walk-throughs & Site Verification
- HVAC Assessment & Report
- Plumbing Assessment & Report
- Electrical Assessment & Report

PROCESS / APPROACH

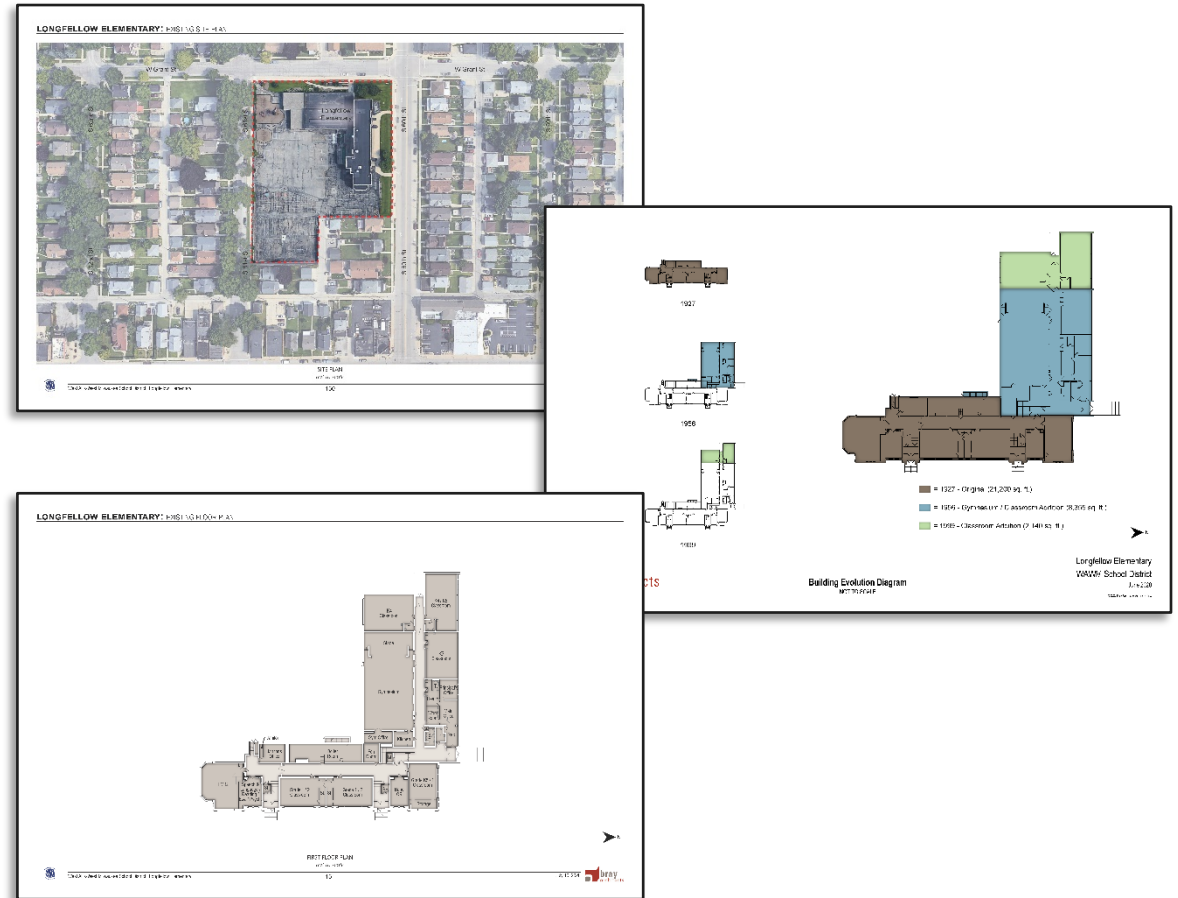
MERCER COUNTY SCHOOL DISTRICT #404

Home of the Golden Eagles



EXISTING BUILDINGS ASSESSMENT

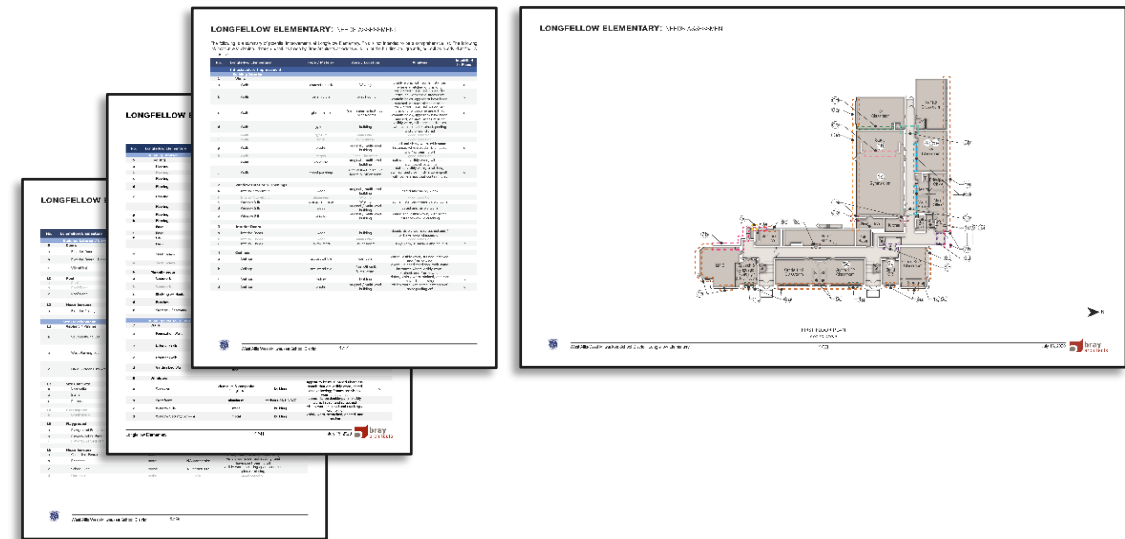
- **Building Tours, Identification & Plan Verification** invites architects, engineers and consultants to walk through the buildings with staff to identify needs and verify accuracy of existing building plans.
 - **Existing Site Plan** shows each building's property owned by the District, along with adjacent roads and buildings.
 - **Existing Floor Plans** provide a scaled 2D version of the building with details including room labels, door and window locations, door swing direction, and wall thicknesses.
- **Building Evolution Summarization** documents building construction over time.
 - **Building Evolution Diagram** is a diagram that shows when each section of the building was constructed.



EXISTING BUILDINGS ASSESSMENT

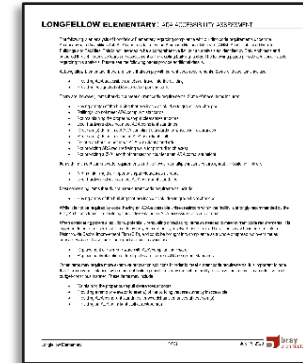
- **Building Systems Identification & Assessment** includes plumbing, HVAC, and electrical. Our team of engineers tour the existing buildings with the architectural team and note the existing conditions of the building with recommendations on how to mediate issues to adhere to current code and energy efficiency targets.
 - **Building Systems Summary** is created by the architects and provides a summarized version of the original reports created by the engineers.
- **Architectural Needs Identification & Assessment** looks at the building to document any concerns or issues that are currently present.
 - **Needs Assessment Diagram** highlights concerning conditions such as any cracking in the floor, walls, and ceilings, along with any stained ceiling tiles, worn doors, and concerns regarding windows.

Three screenshots of Building Systems Summary reports for Longfellow Elementary. Each report is a table with columns for System, Findings, and Recommended Actions. The reports cover various systems such as Mechanical, Electrical, and Plumbing.

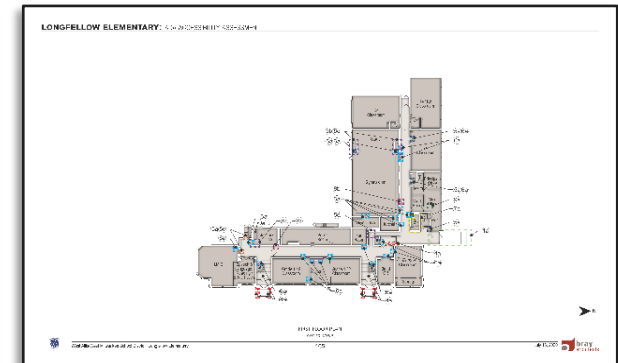


EXISTING BUILDINGS ASSESSMENT

- **Americans with Disabilities Act (ADA) Needs Identification & Assessment** looks at areas within the building that don't provide a person with disabilities the same opportunity as a person without.
 - **ADA Needs Assessment Executive Summary** identifies key considerations and trends relative to the ADA Needs Assessment findings.
 - **ADA Needs Assessment Diagram** indicates where the building does not meet current code under the Americans with Disabilities Act (ADA) and regulated by the American National Standard Institute (ANSI) Accessible and Usable Buildings and Facilities.

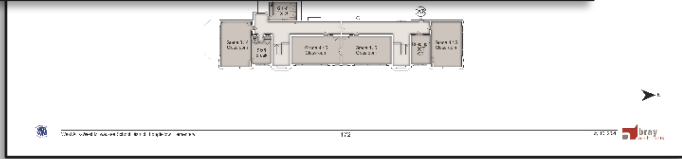
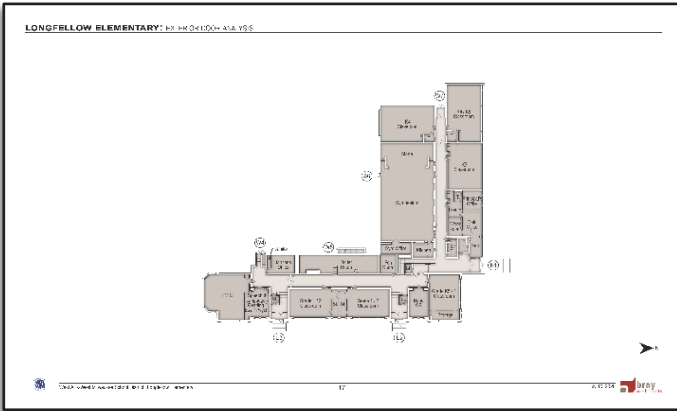
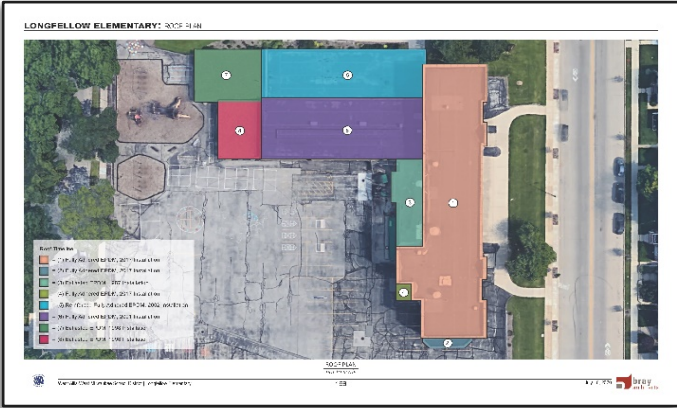


ID	Location	Code	Priority	Notes
1	1.000	105.2	High	...
2	1.000	105.2	High	...
3	1.000	105.2	High	...
4	1.000	105.2	High	...
5	1.000	105.2	High	...
6	1.000	105.2	High	...
7	1.000	105.2	High	...
8	1.000	105.2	High	...
9	1.000	105.2	High	...
10	1.000	105.2	High	...



EXISTING BUILDINGS ASSESSMENT

- Roof Needs Summarization** incorporates information provided by the District and past roof reports into a comprehensive summary.
 - Roof Plan and Analysis** identifies roof type and year of installation. The numbers in the key relate to the colored areas on the plan.
- Door Identification** documents exterior doors for all buildings.
 - Exterior Door Plan and Schedule** includes a plan that indicates existing door labels and locations, as well as a schedule identifying door type and frame type. Pictures show the different door and frame types in the existing building.



CASE STUDY:

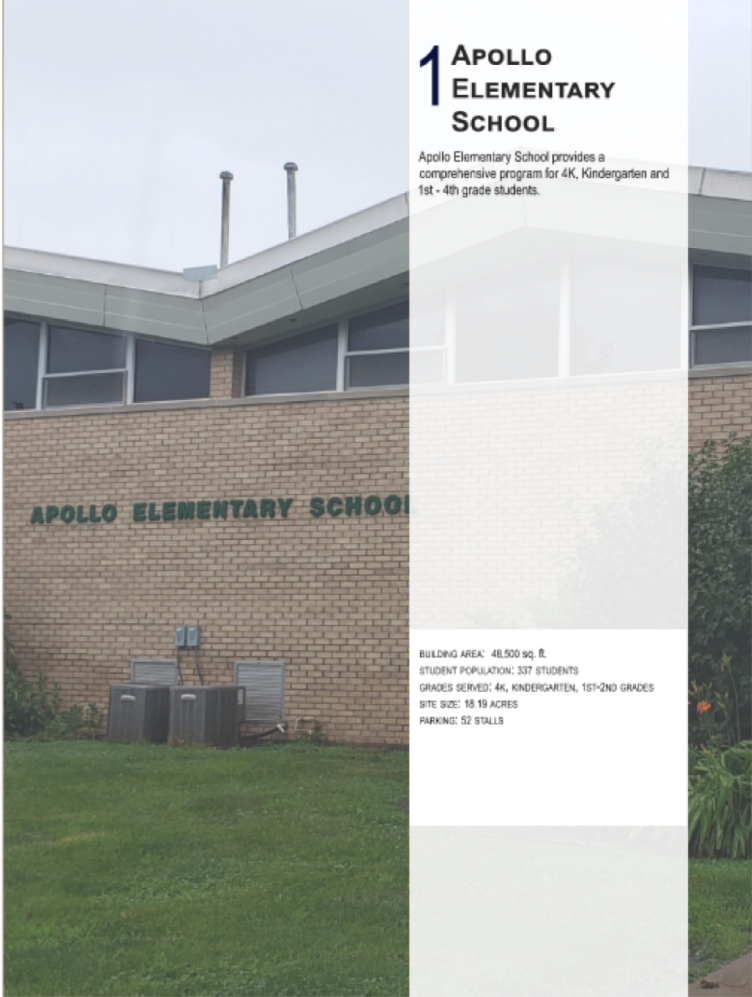
Apollo Elementary School

MERCER COUNTY SCHOOL DISTRICT #404

Home of the Golden Eagles



CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY



**1 APOLLO
ELEMENTARY
SCHOOL**

Apollo Elementary School provides a comprehensive program for 4K, Kindergarten and 1st - 4th grade students.

BUILDING AREA: 48,500 sq. ft.
STUDENT POPULATION: 337 STUDENTS
GRADES SERVED: 4K, KINDERGARTEN, 1ST-2ND GRADES
SITE SIZE: 18.18 ACRES
PARKING: 52 STALLS



CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY

APOLLO ELEMENTARY SCHOOL: BUILDING EVOLUTION

Apollo Elementary School was originally constructed in 1969. There have been two additions in 1981, and 1990. Both additions added several classrooms.

The following building evolution diagram outlines the building's development over time.



Apollo Elementary Main Office



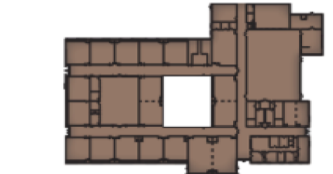
Apollo Elementary Classroom



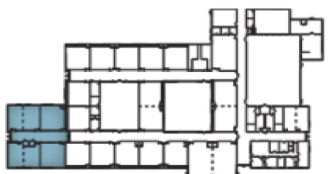
Apollo Elementary School Corridor



APOLLO ELEMENTARY SCHOOL BUILDING EVOLUTION



1969



1981



1990



- = 1969 - Original
- = 1981 - Classroom Addition
- = 1990 - Classroom Addition



CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY

APOLLO ELEMENTARY SCHOOL: EXISTING SITE PLAN



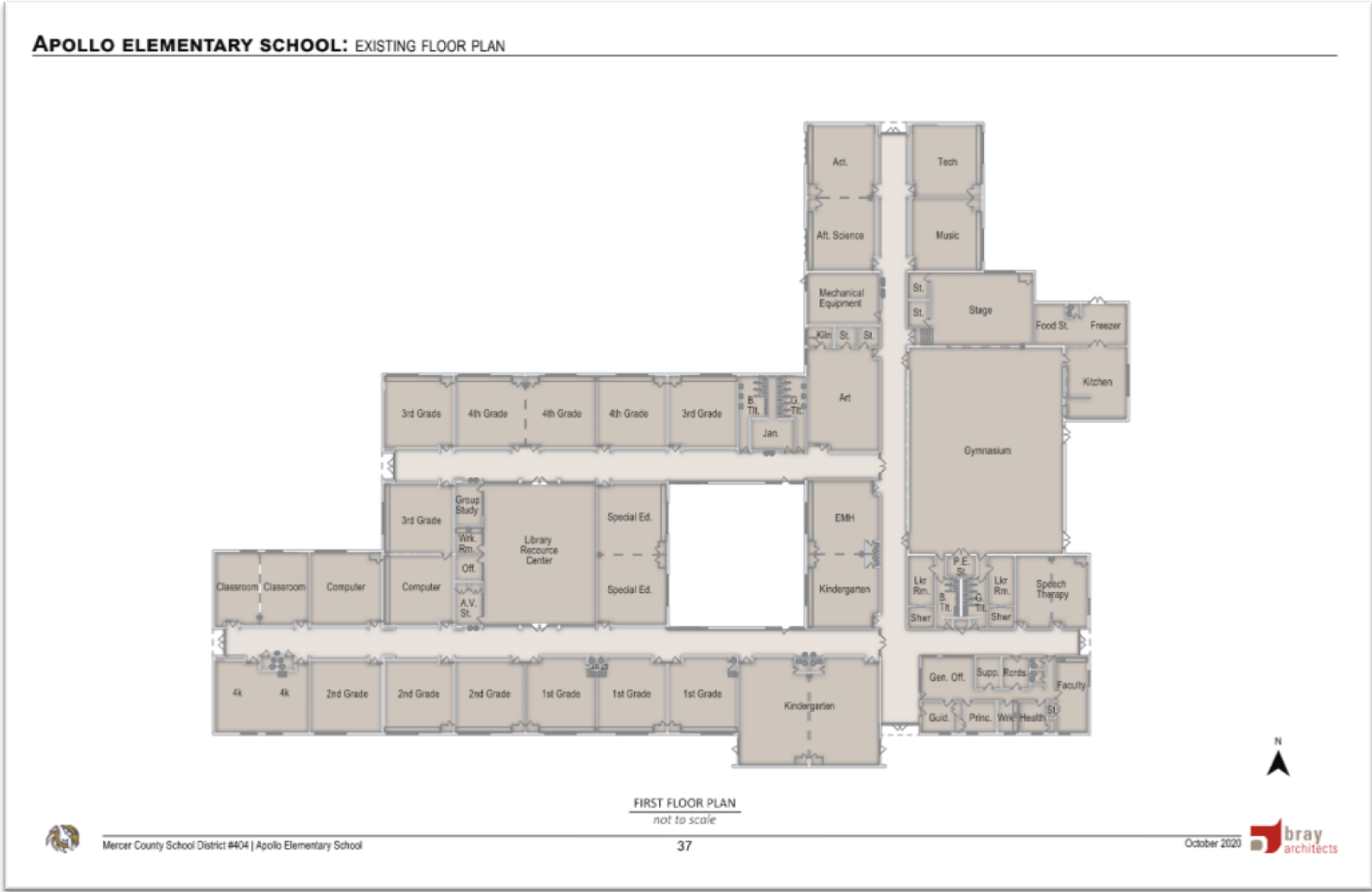
SITE PLAN
not to scale



Mercer County School District #404 | Apollo Elementary School



CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY



CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY

APOLLO ELEMENTARY SCHOOL: NEEDS ASSESSMENT

The following is a summary of potential improvements at Apollo Elementary School. This is not intended to be a comprehensive list. The following information was obtained through notations made by Bray Architects at extensive tours of the building and grounds, as well as needs identified by District staff.

No.	Apollo Elementary	Type / Material	Area / Location	Analysis	Identified in Plans
Infrastructure Improvement					
Building Interior					
1 Walls					
a	Walls	concrete	building	visible chipping, cracking, and peck fresh peeling.	x
b	Walls	tile	water fountain	instances of cracking, chipping and discolored tile.	
c	Walls	gypsum	corridor	rising gypsum around panel leaving insulation and wood studs exposed.	x
d	Walls	brick	corridor	instance of chipped corner.	
2 Window Interior & Openings					
a	Interior Window Sills	stone	building	visible cracking and chipping.	x
b	Interior Window Lintels	metal	building	visible discoloration.	x
c	Interior Storefronts	hollow metal	office / library	visibly worn and scratched.	
3 Interior Doors					
a	Interior Door / Frame	wood / hollow metal	building	visible chipping, scratching of door, and rusting of frame especially near base; doors with updated hardware have wood infill pieces where old hardware existed.	
b	Interior Doors / Frame	aluminum / aluminum	library / gymnasium	visibly worn and scratched.	
c	Interior Doors / Frame	hollow metal / hollow metal	office	overall in good condition.	
d	Interior Doors	acoustic partition / vinyl fabric	classrooms	visibly dated, worn and torn.	
e	Interior Doors	aluminum roll-up	kitchen	visibly worn.	
4 Ceilings					
a	Ceilings / soffits	-	-	-	-
b	Ceilings	building	acoustical tile	visible staining, warping, broken / cracked / instances of gouging / missing tiles; instances of discoloration or grid flexures.	x
c	Ceilings	showers	plaster	paint peeling and instances of missing paint.	
5 Flooring					
a	Flooring	VCT (green / yellow)	corridors	visibly worn w/ patched tiles.	
b	Flooring	VCT (white)	building	visibly worn w/ patched, and broken tiles; cracking, chipping, and missing tiles; spot staining especially in lobbies and classrooms #7.	x
c	Flooring	tile	toilet rooms	patched tiles; visible grout discoloration; visible tile cracking.	
d	Flooring	concrete	janitor / mechanical	spot staining.	
e	Flooring	carpet	classrooms	visibly dated, ripped, worn.	x
f	Base	vinyl	building	worn, peeling, discolored and instances of missing sections.	x
6 Miscellaneous					
a	Casework w/ sink	wood w/ laminate counter	classrooms	visibly dated, wood is worn, and chipped. Laminate is worn and swollen.	
b	Casework	metal w/ contact paper adhered to metal counter	classrooms	visibly dated, worn, and scratched; contact paper peeling and missing at instances.	x
c	Casework w/ sink	metal w/ sink basin	classroom #9	visibly dated, worn, scratched and rusted.	
d	Toilets	porcelain	toilet rooms	overall good condition.	
e	Bathroom Stall Partitions	plastic	toilet rooms	overall good condition.	
f	Grab Bars	metal	toilet rooms	visibly rusting and discolored.	
g	Drinking Fountains	metal	corridor	visibly worn, rusting and fresh peeling.	x
h	Walls	metal	classroom	visibly worn, rusted, and dented.	
i	Desk Back	wood	corridor	visibly worn.	

APOLLO ELEMENTARY SCHOOL: NEEDS ASSESSMENT



FIRST FLOOR PLAN
not to scale

CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY

APOLLO ELEMENTARY SCHOOL: BUILDING SYSTEMS SUMMARY

The following is summary of Plumbing, HVAC and Electrical needs. This is not intended to be a comprehensive list, but a summary of existing building system needs and possible recommendations as identified by the engineering team. Full engineers' reports are located later in this document.

Apollo Elementary	Analysis	Recommendations
Building Systems		
Plumbing		
Domestic Water		
Water Service	Supplied by a 4" domestic water service in the mechanical equipment room adjacent to the north addition. Water pressure appears to be adequate.	For an addition, a new water service for fire protection would be required.
Water Distribution Piping	Some galvanized piping. No backflow preventers that need annual testing are present. Fiberglass insulation, but may have asbestos in fitting covers.	Replace galvanized piping. Exact amount needs further verification. Backflow preventer required for new service.
Fire Sprinkler System	No automatic system is present.	New additions over 7,200 sq ft will require a fire protection system.
Sanitary and Storm Piping		
Sanitary Waste	Majority of sanitary piping is cast iron.	Continue to monitor, replace existing when problems arise.
Sanitary Waste and Vent Piping	Vent piping in the original building is mostly cast iron in good condition.	Continue to monitor, replace existing when problems arise.
Kitchen Equipment	An interior grease interceptor is present and appears to be adequate.	Continue to monitor, replace existing when problems arise.
Art Room Equipment	Kitchen has been removed.	No work needed.
Storm System	Storm drains on the roof are in fair condition.	Drains need to be cleaned of dirt and debris to protect roof membrane. Monitor for leaking or stoppages.
Plumbing Equipment		
Water Heater	(1) A.O. Smith BTR 250A 118, 250,000 btu input, 100 gallon water heater installed in 2016	Continue to monitor, replace existing when problems arise.
Water Softener	-	-
Air Compressors	-	-
Plumbing Fixtures		
Plumbing Fixtures	A mixture of hands free and manual faucets on lavatories. Lavatories have insulation on waste and water piping. Fixtures appear to be in good condition.	Continue to monitor, replace existing when problems arise.
Water Closets	Majority are hands-free, battery, flush valve style, are in good condition.	Continue to monitor, replace existing when problems arise.
Urinals	Majority are hands-free, battery, flush valve style, are in good condition.	Continue to monitor, replace existing when problems arise.
Science Rooms	-	-
Janitorial Sinks	Wall mounted porcelain cast iron service sinks with wall mounted faucets. Fixtures appear to be in fair to good condition.	Continue to monitor, replace existing when problems arise.
Drinking Fountains	Electric water coolers in compliance with ADA, some have bottle fillers.	Continue to monitor, replace existing when problems arise.
Kitchen Equipment	Relatively new equipment.	Exhaust hood needed over dishwasher.

APOLLO ELEMENTARY SCHOOL: BUILDING SYSTEMS SUMMARY

Apollo Elementary	Analysis	Recommendations
HVAC		
Heating, Ventilating and Air-Conditioning Systems		
Classroom areas	Individual furnaces with BX cooling serve classrooms in the original building, feeding linear diffusers in the top of bookcases on the outside walls. A 20 ton multizone rooftop feeds the west end classrooms. Gas lines feeding the classroom furnaces are routed underground around the perimeter of the building and up over the roof.	Continue preventative maintenance on the systems. Underground gas lines appear to be steel and may need to be replaced in the near future.
Gym, Library, Entry	Gas fed by 15 ton rooftop, Library fed by 20 ton rooftop, Entry on north and south fed by heating-only rooftops. Gas piping for the rooftop systems are run on the roof.	Continue preventative maintenance on the systems.
Gen service	The gas service meter is located just outside the mechanical equipment room with piping up to the roof and drops into the ground.	Continue preventative maintenance on the systems.
Exhaust systems	Rooftop exhaust fans serve restrooms and locker areas.	Continue preventative maintenance on the systems.
Door Transfer Grilles	-	-
Control Systems		
System	Individual electric thermostats control the systems.	Continue to maintain and operate the control system.

APOLLO ELEMENTARY SCHOOL: BUILDING SYSTEMS SUMMARY

Apollo Elementary	Analysis	Recommendations
Electrical		
Electric Service		
Utility Service	The Building Switchboard is manufactured by Siemens and is located on the north wall of the existing kitchen storage room and is rated 1600A at 120/208V-3PH-4W. An external surge protection unit is installed adjacent to the switchboard. Switchboard was installed in 2003.	Service and maintain existing Building Switchboard. Exercise breakers annually.
Panelboards		
	In general, panelboards are original to the building and minimal spaces are available.	Consider upgrading panelboards with additional breaker spaces where required to serve new loads.
Generator		
	There is no generator for this facility.	-
Light Fixtures & Controls		
Interior Lighting	In general, light fixtures are fluorescent with T8 lamps and electronic ballasts. Exit lights are LED.	Consider upgrading lighting fixtures to LED.
Exterior Lighting	Exterior lighting generally consists of wetpools with HED lamps.	Consider upgrading lighting fixtures to LED.
Emergency Egress Lighting	Some emergency egress lighting is installed in the form of wall mounted stand alone units. Proper operation was not verified for all units. Some of the emergency fixtures were not working.	Upgrade entire building with egress egress lighting. More complete building evaluation is needed.
Data, Telephone		
	Phone system was not investigated. Data cabling consists of Cat 5 data drops. Patch panels are nearly full, data switches have some additional capacity.	Consider migrating to Cat 6 cabling and equipment as additional equipment is needed.
Access Control System		
	Some doors have access control.	Add to existing system as required.
Intercom System		
	Intercom system has a Bogen MCP 35A head end.	Consider upgrading system.
Clock System		
	Office has a Latham master clock system.	Add as required.
CCTV System		
	No CCTV system.	Consider adding CCTV system for increased security.
Fire Alarm System		
	A Simplex 40H zoned fire alarm system panel is currently installed. Areas of the facility do not meet code with regards to announcement.	Portions of the building have audio and visual signaling devices. Some portions only have horns or signaling devices. System upgrades require voice signaling devices (speakers) as well as visual devices. More complete study is required to determine additional equipment needs.

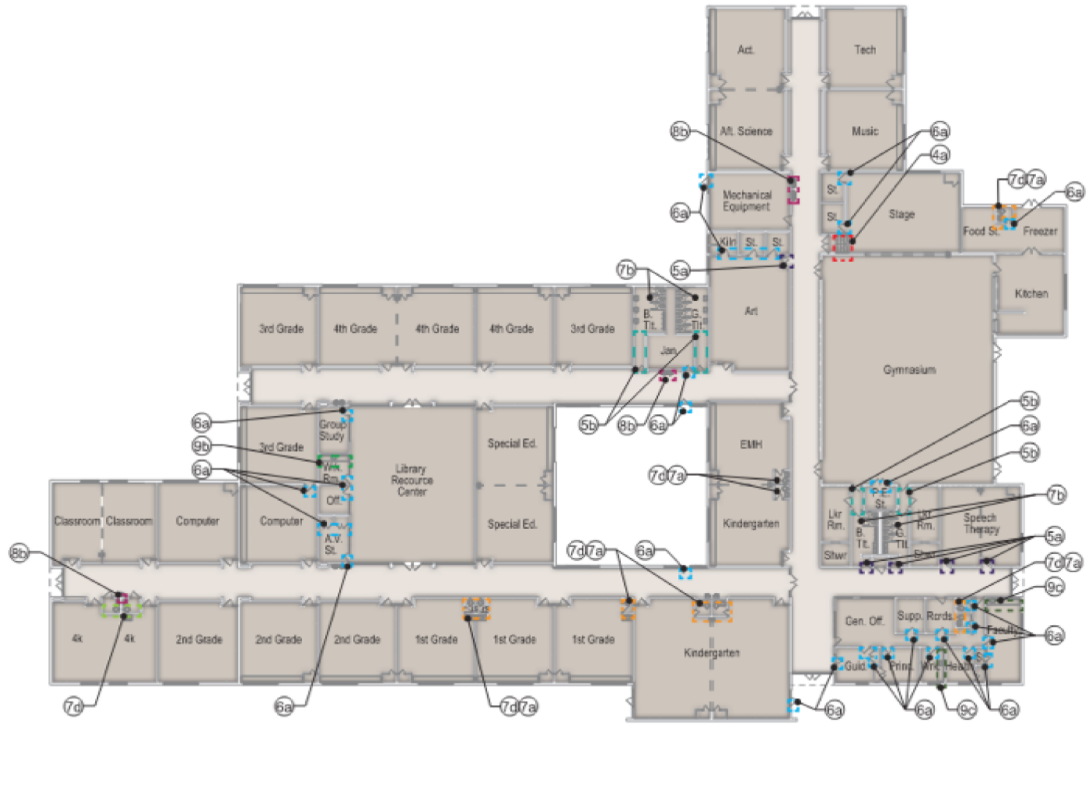
CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY

APOLLO ELEMENTARY SCHOOL: ADA ACCESSIBILITY ASSESSMENT

No.	Apollo Elementary	Area / Location	Analysis	Potential Solution	Identified in Plans
ADA Accessibility					
1	Building Entrance				
a	Accessible Route of Travel	building	there are ADA compliant accessible routes of travel into the building	none	
2	Parking				
a	ADA Parking Stalls	west parking lot	there are designated ADA compliant stalls	none	
3	Ramps & Lifts				
a	Accessible Routes of Travel Between Floor Levels - Ramps				
b	Accessible Routes of Travel Between Floor Levels - Lifts				
c	Accessible Routes of Travel Between Floor Levels - Elevators				
4	Railings				
a	Stair Railings	stage	ADA compliant standards for railings are not met	remove / replace to provide ADA compliant railings	x
b	Ramp Railings				
5	Maneuvering, Thresholds, & Push / Pull				
a	Push / Pull	building	ADA compliant standards for push/pull are not met	renovate as needed	x
b	Maneuvering	building	ADA compliant standards for maneuvering are not met	renovate as needed	x
c	Thresholds				
6	Door Hardware				
a	Door Hardware	building	door hardware is not ADA compliant	replace as needed	x
7	Restrooms				
a	5'-0" wheelchair Clearance	building	ADA compliant standards for wheelchair clearance are not met	renovate as needed to provide ADA compliant standards for wheelchair clearance	x
b	ADA Accessible Stall	building	ADA compliant stall is not provided	renovate as needed to provide at least (1) ADA compliant stall for the group restroom	x
c	Unisex Restrooms	building	at least (1) ADA compliant unisex restroom is not at this floor level	renovate as needed to provide at least (1) ADA compliant unisex restroom at this floor level	x
d	Grab Bars	building	ADA compliant standards for grab bars are not met	renovate to provide ADA compliant grab bars; wall relocation required to meet ADA compliant dimension requirements	x
e	Showers				
8	Drinking Fountains & Protruding Objects				
a	Drinking Fountains	building	ADA compliant		
b	Protruding Objects	building	ADA required wing walls are not present at ADA compliant standards for wing walls are not met.	renovate / relocate as needed to provide ADA compliant standards	x
9	Casework, Transaction Counters, & Counters with Sinks				
a	Transaction Counters	library	ADA compliant		
b	Workstation Counters	building	does not contain at least 3'-0" length of workspace at ADA compliant height	provide 3'-0" length of counter / workspace at ADA compliant height	x
c	Counters with Sinks	building	does not contain at least 3'-0" length of counters with sinks at ADA compliant height	provide 3'-0" length of counter with sink at ADA compliant height	x



APOLLO ELEMENTARY SCHOOL: ADA ACCESSIBILITY ASSESSMENT



FIRST FLOOR PLAN
not to scale



CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY



CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY

APOLLO ELEMENTARY SCHOOL: EXTERIOR DOOR ANALYSIS

Apollo Elementary			
No.	Door Type	Frame Type	Visual Condition
1	Aluminum	Aluminum Storefront	Good
2	Hollow Metal	Hollow Metal Storefront	Fair
3	Hollow Metal	Hollow Metal Storefront	Poor
4	Fiber Reinforced Plastic	Wood	Good
5	Hollow Metal	Hollow Metal Storefront	Good
6	Hollow Metal	Hollow Metal Storefront	Good
7	Fiber Reinforced Plastic	Wood	Good
8	Hollow Metal	Hollow Metal	Fair
9	Hollow Metal	Hollow Metal Storefront	Fair
10	Hollow Metal	Hollow Metal	Good
11	Hollow Metal	Hollow Metal	Good
12	Hollow Metal	Hollow Metal	Good
13	Hollow Metal	Hollow Metal Storefront	Good



1 ALUMINUM DOORS & ALUMINUM STOREFRONT



3 HOLLOW METAL STOREFRONT DOOR & HOLLOW METAL STOREFRONT FRAME



5 HOLLOW METAL STOREFRONT DOOR & HOLLOW METAL STOREFRONT FRAME



11 HOLLOW METAL STOREFRONT DOORS & HOLLOW METAL FRAME



8 HOLLOW METAL DOORS & HOLLOW METAL FRAME



7 FIBERGLASS DOOR & WOOD FRAME

APOLLO ELEMENTARY SCHOOL: EXTERIOR DOOR ANALYSIS



FIRST FLOOR PLAN
not to scale

CASE STUDY: APOLLO ELEMENTARY SCHOOL | FACILITIES STUDY

APOLLO ELEMENTARY SCHOOL: EXTERIOR WINDOW ANALYSIS

Apollo Elementary		
No.	Window Type	Consider Replacement
1	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
2	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
3	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
4	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
5	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
6	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
7	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
8	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
9	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
10	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane
11	Aluminum w/ Single Pane	Replace Single Pane w/ Double Pane



2 ALUMINUM W/ SINGLE PANE



3 ALUMINUM W/ SINGLE PANE



5 ALUMINUM W/ SINGLE PANE



11 ALUMINUM W/ SINGLE PANE



9 ALUMINUM W/ SINGLE PANE



7 ALUMINUM W/ SINGLE PANE

Mercer County School District #404 53

APOLLO ELEMENTARY SCHOOL: EXTERIOR WINDOW ANALYSIS



FIRST FLOOR PLAN
not to scale

Mercer County School District #404 | Apollo Elementary School 54

October 2020 bray architects

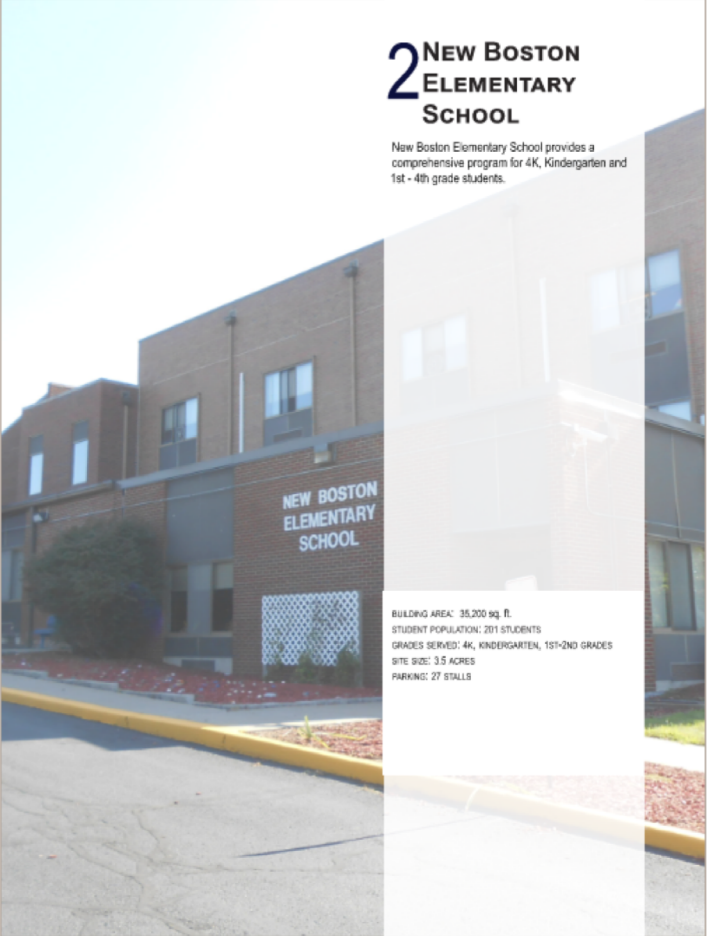


OVERVIEW: SUMMARY OF STUDY MERCER COUNTY SCHOOL DISTRICT #404

Home of the Golden Eagles



OVERVIEW: NEW BOSTON ELEMENTARY SCHOOL | FACILITIES STUDY




2 NEW BOSTON
ELEMENTARY
SCHOOL

New Boston Elementary School provides a comprehensive program for 4K, Kindergarten and 1st - 4th grade students.

BUILDING AREA: 35,200 sq. ft.
STUDENT POPULATION: 201 STUDENTS
GRADES SERVED: 4K, KINDERGARTEN, 1ST-2ND GRADES
SITE SIZE: 3.5 ACRES
PARKING: 27 STALLS



OVERVIEW: INTERMEDIATE SCHOOL | FACILITIES STUDY

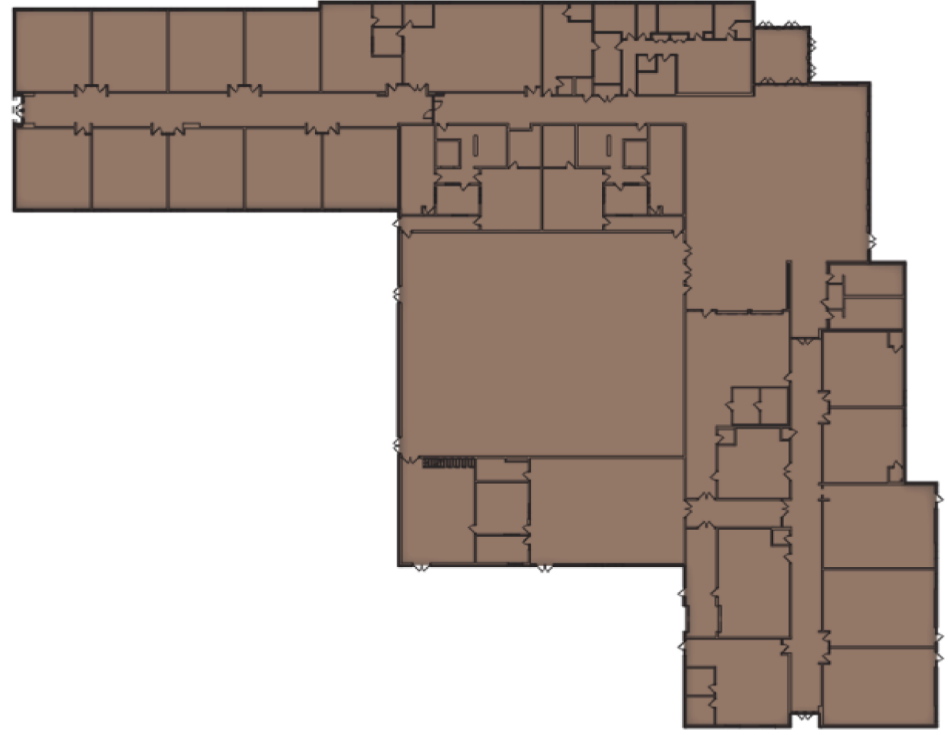


3 **MERCER COUNTY INTERMEDIATE SCHOOL**

Mercer County Intermediate School provides a comprehensive program for 5th and 6th grade students.

BUILDING AREA: 49,800 sq. ft.
STUDENT POPULATION: 198 STUDENTS
GRADES SERVED: 4K, KINDERGARTEN, 1ST-2ND GRADES
SITE SIZE: 18.19 ACRES
PARKING: 146 STALLS


MERCER COUNTY INTERMEDIATE: BUILDING EVOLUTION



Legend: ■ = 2002 - Original

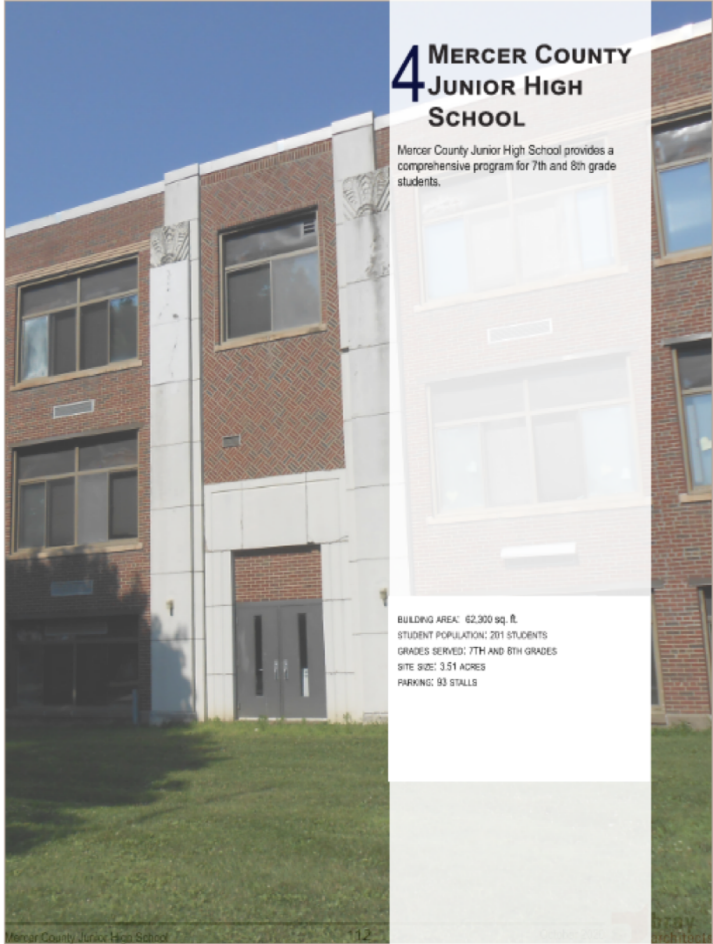
Mercer County School District #404 | Mercer County Intermediate

90

October 2020 



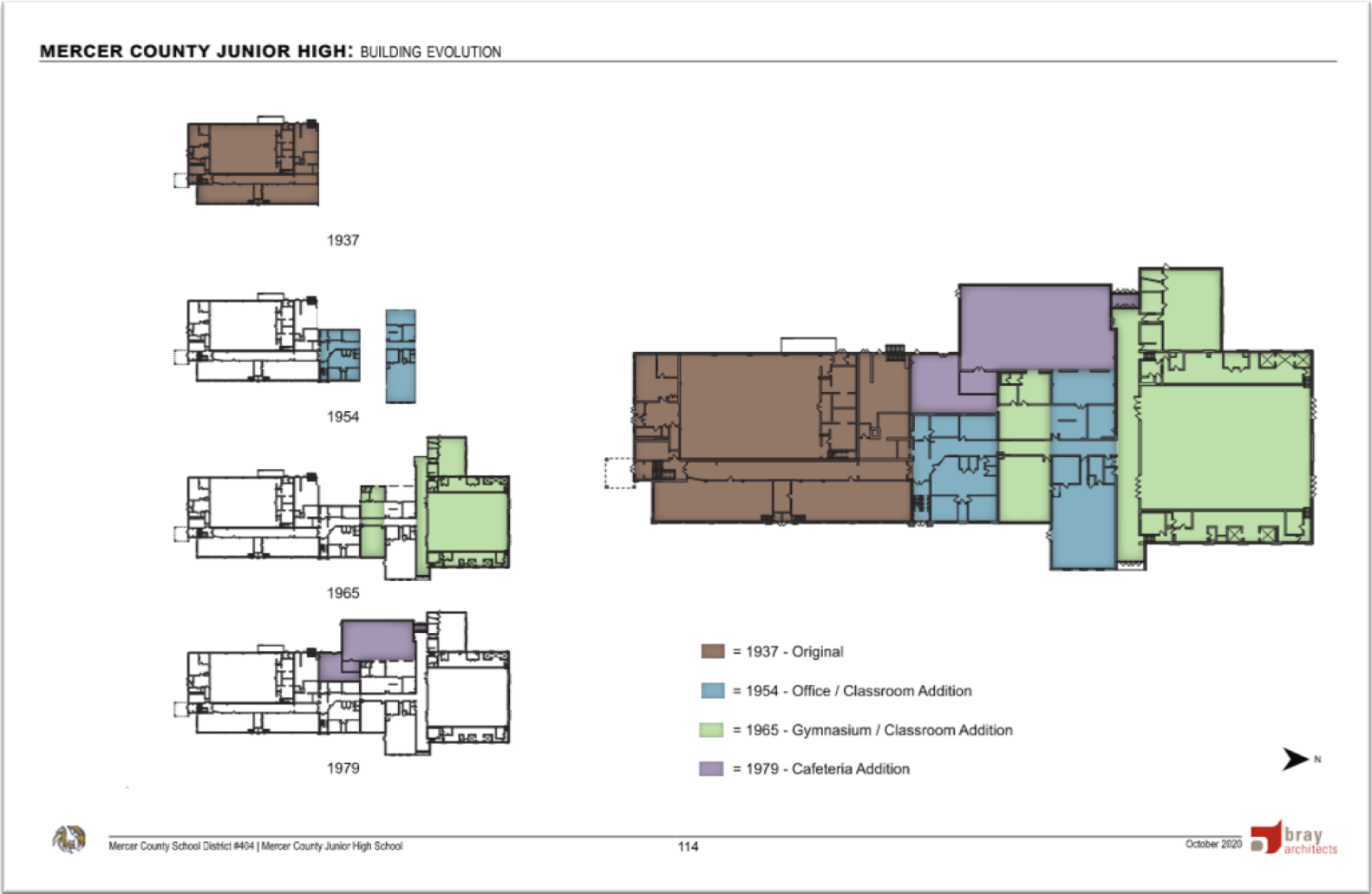
OVERVIEW: JUNIOR HIGH SCHOOL | FACILITIES STUDY



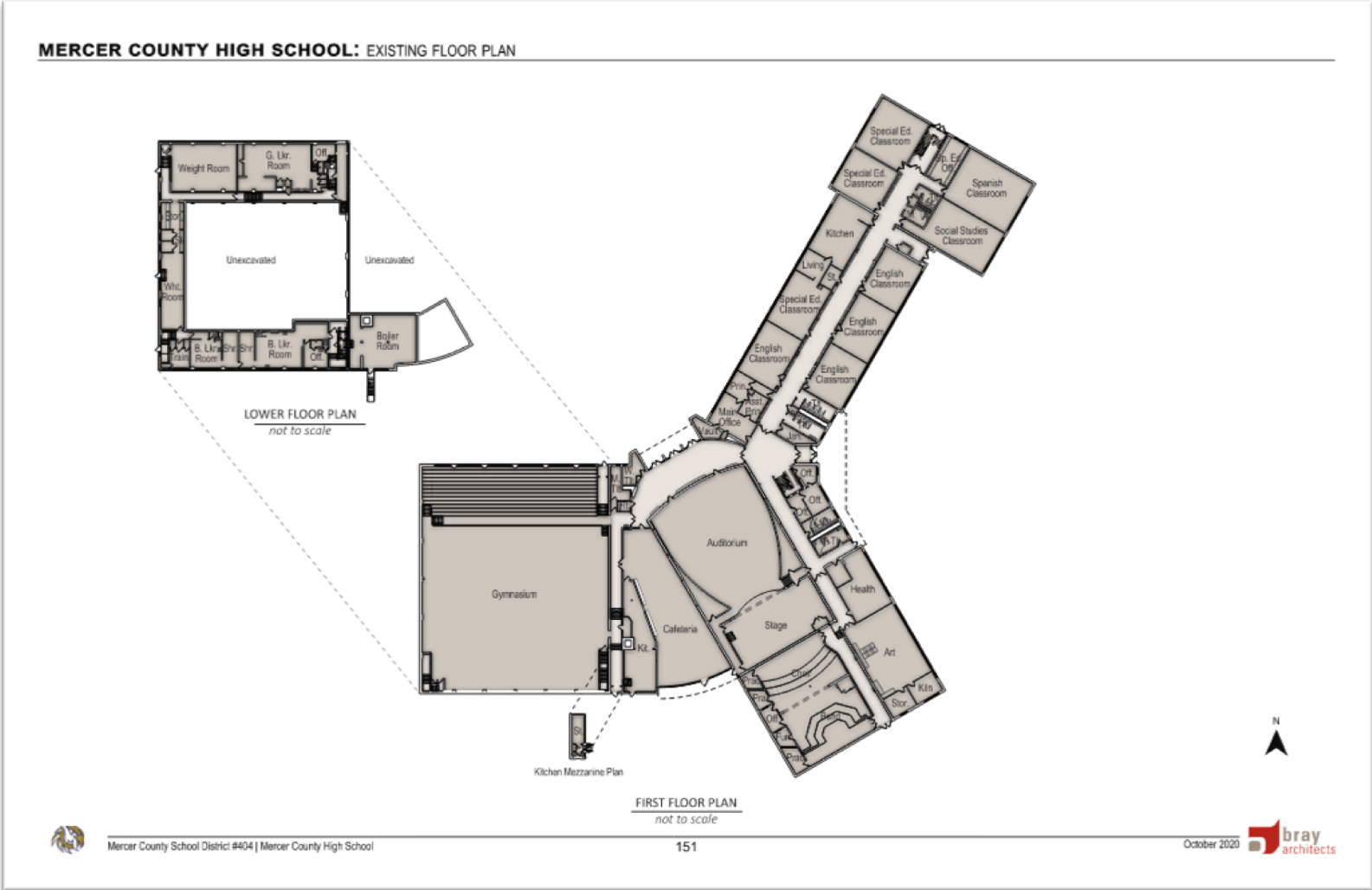
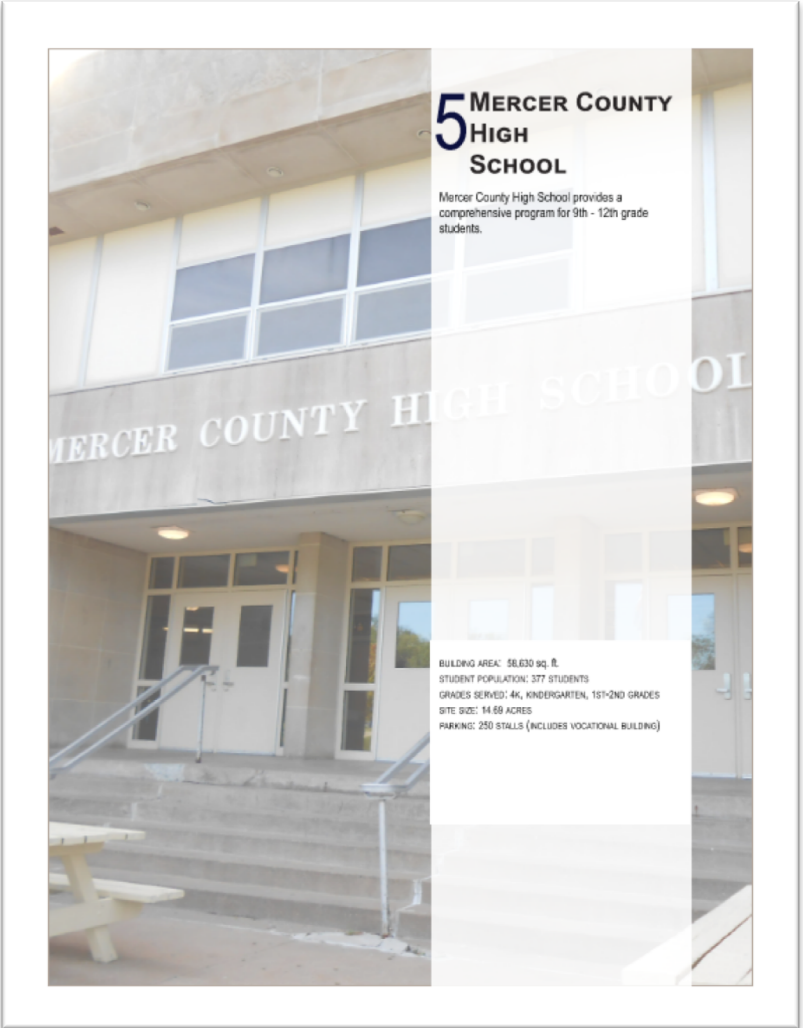
4 MERCER COUNTY JUNIOR HIGH SCHOOL

Mercer County Junior High School provides a comprehensive program for 7th and 8th grade students.


BUILDING AREA: 62,300 sq. ft.
 STUDENT POPULATION: 201 STUDENTS
 GRADES SERVED: 7TH AND 8TH GRADES
 SITE SIZE: 3.51 ACRES
 PARKING: 93 STALLS



OVERVIEW: HIGH SCHOOL | FACILITIES STUDY



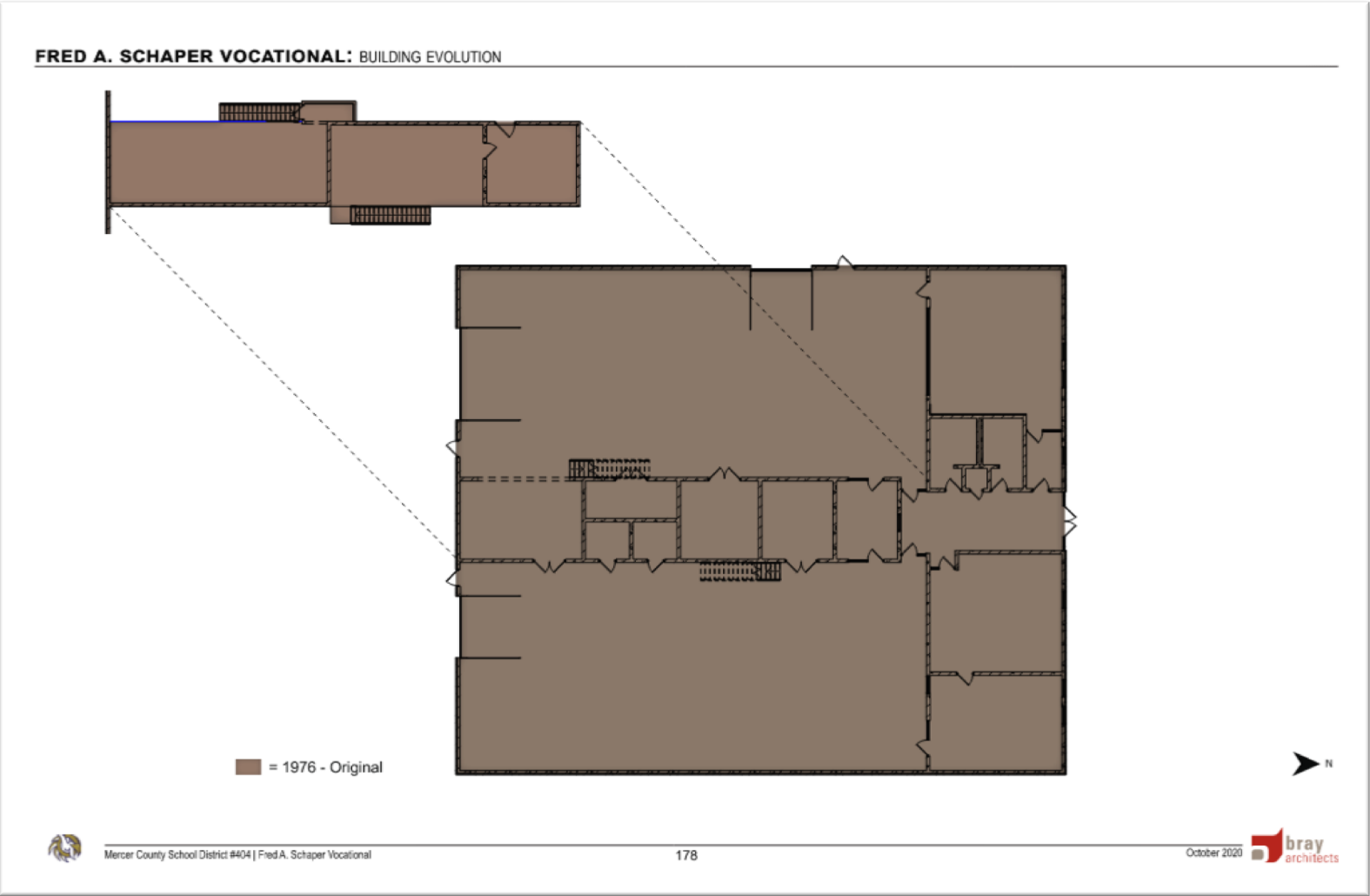
OVERVIEW: VOCATIONAL BUILDING | FACILITIES STUDY



5 FRED A. SCHAPER VOCATIONAL

Fred A. Schaper Vocational provides a comprehensive vocational training program for eligible 9th - 12th grade students.

BUILDING AREA: 12,420 sq. ft.
STUDENT POPULATION: REFERENCE HIGH SCHOOL
GRADES SERVED: 9TH-12TH GRADES
SITE SIZE: 14.69 ACRES (INCLUDES HIGH SCHOOL)
PARKING: 250 STALLS (INCLUDES HIGH SCHOOL)



OVERVIEW: STAFF SURVEY RESULTS | FACILITIES STUDY

NEW BOSTON ELEMENTARY SCHOOL: SUMMARY OF STAFF SURVEY

The following is a summary of potential improvements at New Boston Elementary School. This is not intended to be a comprehensive list, but a summary of possible upgrades as identified by staff and obtained from staff survey responses.

No.	New Boston Elementary	Area / Location	Issue / Concern	Quantity
Staff Feedback				Total
Academic & Educational Improvements				5
1	Classrooms			
a	Room / Space	classrooms	additional space / small group area / collaboration areas desired	2
b	Storage / Casework	classrooms	additional shelving / improved / updated storage desired	2
c	Furniture	classrooms	flexible seating arrangements desired	1
d	Book Room			
2	Conference Rooms & Large / Small Group Instruction			
a	none			
3	Science Labs / Classrooms			
a	none			
4	Library			
a	Room / Space	library	more space / separate instructor area desired	2
b	SGI			
c	Furniture			
5	Music			
a	none			
6	Art			
a	none			
7	Family & Consumer Ed.			
a	none			
8	Cafeteria / Kitchen			
a	none			
9	Gymnasium & Athletics			
a	Gymnasium - Ceiling	gymnasium	sound echoes off metal ceiling	1
b	Gymnasium - Equipment	gymnasium	additional padding on walls desired	1
10	Special Ed.			
a	none			
11	Main Office & Student Services			
a	none			

MERCER COUNTY INTERMEDIATE: SUMMARY OF STAFF SURVEY

The following is a summary of potential improvements at Mercer County Intermediate. This is not intended to be a comprehensive list, but a summary of possible upgrades as identified by staff and obtained from staff survey responses.

No.	Mercer Intermediate	Area / Location	Issue / Concern	Quantity
Staff Feedback				Total
Academic & Educational Improvements				10
1	Classrooms			
a	Room / Space	classrooms	co-teaching spaces / additional classrooms desired	2
b	Storage / Casework	classrooms	flexible casework desired	1
c	Furniture	classrooms	flexible / movable furniture / seating / workstations desired	3
2	Conference Rooms & Large / Small Group Instruction			
a	Auditorium			
b	Testing	building	additional room for testing / direct student help desired	1
c	Student Lounge			
3	Science Labs / Classrooms			
a	none			
4	Library			
a	none			
5	Music			
a	Band / Choir			
b	Room / Storage		stage desired	1
c	Practice Rooms			
d	Furniture		placement of digital pianos	1
6	Art			
a	Room / Space	art classroom	exhaust system for kids desired	1
b	Storage / Casework	art classroom	additional storage desired	1
7	Family & Consumer Ed.			
a	none			
8	Cafeteria / Kitchens			
a	none			
9	Gymnasium & Athletics			
a	Gymnasium	gymnasium	additional gymnasium for intermural programs desired	1
10	Special Ed.			
a	Room / Space	building	area for small group instruction desired	1
11	Main Office & Student Services			
a	Offices	building	relocate district offices to provide additional room for classrooms	1
b	Teacher Lounge	building	separate meeting / planning space for instructors desired	1

MERCER COUNTY HIGH SCHOOL: SUMMARY OF STAFF SURVEY

The following is a summary of potential improvements at Mercer County High School. This is not intended to be a comprehensive list, but a summary of possible upgrades as identified by staff and obtained from staff survey responses.

No.	Mercer High School	Area / Location	Issue / Concern	Quantity
Staff Feedback				Total
Academic & Educational Improvements				12
1	Classrooms			
a	Room / Space	classroom	additional space desired	6
b	Storage / Casework	classroom	updated / improved whiteboard / additional storage desired	2
c	Furniture	classroom	improved / updated / flexible desks / tables / learning stations	4
2	Conference Rooms & Large / Small Group Instruction			
a	Small Group Instruction	building	addition of break-out spaces	3
b	Testing	building	dedicated testing spaces desired	1
c	Maker Space	building	dedicated maker space desired	1
3	Science Labs / Classrooms			
a	Science Labs / Classrooms - Room / Space	building	updated / improved / additional science labs desired	1
b	Equipment	science labs	updated / improved lab equipment	1
c	Tech Lab			
4	Library			
a	Room / Space	library	undersized / additional space desired	1
b	Small Group Instruction	library	addition of small group instruction spaces desired / areas for testing desired	1
c	Print Collection	library	undersized / additional space desired	1
d	Furniture			
e	Technology	library	projector screen desired	1
5	Music / Auditorium			
a	Band / Choir			
b	Room / Storage	building	additional storage desired	1
c	Practice Rooms			
d	Furniture			
e	Stage	building	sewer access to light-out walk	1
6	Art			
a	none			
7	Family & Consumer Ed.			
a	none			
8	Cafeteria / Kitchen			
a	Cafeteria	building	undersized / larger cafeteria desired	3
9	Gymnasium & Athletics			
a	Gymnasium - Room / Space	gymnasium	storage space desired	1
b	Athletic Facilities	gymnasium	improved locker room / weight room desired	1
10	Special Ed.			
a	Room / Space	building	addition of small group / break-out spaces	1
11	Main Office & Student Services			
a	Main Office	building	additional space for principal / main office area	1
b	Name Room	building	spaces for 8 students desired	1
c	Teacher Lounge	building	undersized / kitchen area / larger space for collaboration & other basic amenities desired	3
d	Meeting Room	building	meeting rooms desired	2



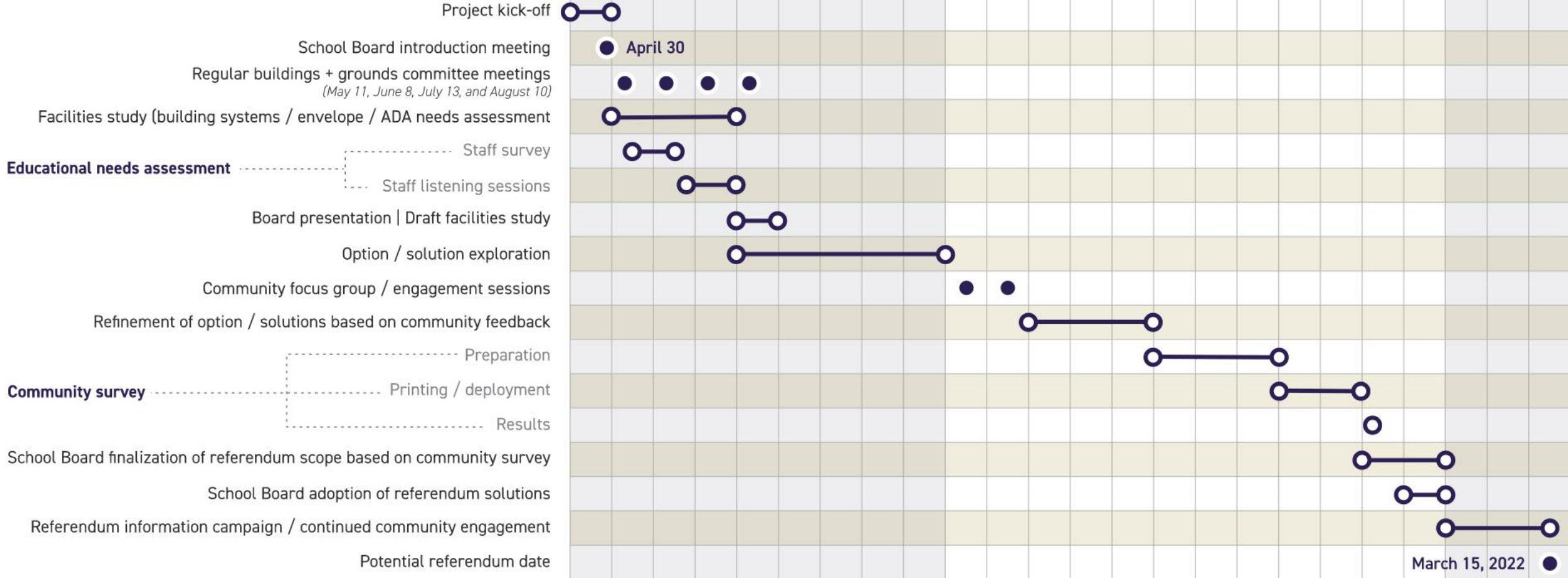
FEEDBACK/NEXT STEPS

MERCER COUNTY SCHOOL DISTRICT #404

Home of the Golden Eagles



Phase / Task



March 15, 2022 ●





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thank you.

