

# THRUN

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December 17, 2024

*Via Email: treassbqlp@michigan.gov*

Ms. Carol Densmore  
School Bond Qualification and Loan Program  
Austin Building, 1st Floor  
430 W. Allegan  
Lansing, MI 48922

Re: Request for Preliminary Qualification of Bonds for Midland Public Schools, Midland County, Michigan

Dear Ms. Densmore:


Enclosed please find the Application of Midland Public Schools requesting the State Treasurer to issue preliminary qualification of its proposed bonding proposition in the amount of \$285,000,000.

Request is made that the preliminary qualification be provided to the school district on or before January 17, 2025. The Board of Education is hopeful of adopting the resolution calling the bond election on the following business day.

Very truly yours,

THRUN LAW FIRM, P.C.

By

  
Christopher J. Iamarino

CJI/klg

Attachment

cc: Penny Miller-Nelson, Superintendent of Schools (w/attachment, via email)  
Brian Brutyn, Asst. Superintendent, Finance and Human Resources (w/attachment, via email)  
Anna Wamack, Associate Superintendent (w/attachment, via email)  
Kari Blanchett, PFM Financial Advisors LLC (w/attachment, via email)  
Dale Jerome, French Associates, Inc. (w/attachment, via email)  
Suzanne Carlson, French Associates, Inc. (w/attachment, via email)  
Daryl Dombrow, Barton Malow Builders (w/attachment, via email)

# Application for Preliminary Qualification of Bonds

## School Bond Qualification and Loan Program for

### MIDLAND PUBLIC SCHOOLS

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\*Include building floor plans and cost estimates for each project.

**For additional information about the School Bond Qualification and Loan Program, visit:**

Michigan Department of Treasury  
Bureau of State and Authority Finance  
School Bond Qualification and Loan Program  
517-335-0994  
[www.michigan.gov/sblf](http://www.michigan.gov/sblf)

# Application for Preliminary Qualification of Bonds

Issued under authority of Public Act 92 of 2005, as amended

**Election Date**

May 6, 2025

**Application No.**

56-010-4-K12-08-01

**District Name and Address**

Midland Public Schools

600 East Carpenter Street

Midland, MI 48640

**School District Code and Phone No.**

56-010

989-923-5001

**Superintendent Name and Email**

Penny Miller-Nelson

millerpm@midlandps.org

**Mailing Instructions**

Return ONE originally signed copy to your bond counsel by OVERNIGHT MAIL.  
Retain ONE originally signed copy for your files.

Your bond counsel will transmit an electronic copy to the Department of Treasury, financial consultant, architectural firm, and construction management firm.

**Certificate**

I, the undersigned, Secretary of the Board of Education, do certify hereby that the Board of Education of this School District, at a regular meeting of the Board, which was conducted and for which public notice of said meeting was given pursuant to and in full compliance with Act 276 of the Public Acts of 1976 (Open Meetings Act), on this:

**16th Day of December 2024**

took the following action:

- (1) Resolved to apply for preliminary qualification of bonds by the State Treasurer for the purpose of financing the school construction description in this application.
- (2) That said application is presented to the State Treasurer for action prior to the official action of the Board of Education calling the election on said bond issue.
- (3) Resolved that this Board of Education will present a final qualification application to the State Treasurer for qualification of their bonds after this bond issue has been approved by the electors of said district.
- (4) Read this application and approved all statements and representations contained herein as true to the best knowledge and belief of the Board.
- (5) Authorized the Secretary of the Board of Education to sign this Preliminary Application and submit same to the State Treasurer for review and approval.

**IN WITNESS whereof, I have hereunto set my hand this 16th Day of December 2024**

**John Hatfield**

Secretary, Board of Education

Signature of Secretary

**Jonathan Lauderbach**

Treasurer, Board of Education

**Penny Miller-Nelson**

Superintendent of Schools

**Thrun Law Firm, P.C.**

Bond Counsel

2900 West Road, Suite 400, East Lansing, MI 48823

Mailing Address

**PFM Financial Advisors LLC**

Financial Consultant

555 Briarwood Circle, Suite 333, Ann Arbor, MI 48108

Mailing Address

**French Associates**

Architectural Firm

2851 High Meadows Circle, Suite 100, Auburn Hills, MI 48326

Mailing Address

**Barton Malow Builders**

Construction Management Firm

26500 American Drive, Southfield, MI 48034

Mailing Address

**ATTACH PROPOSED BALLOT LANGUAGE.**

MIDLAND PUBLIC SCHOOLS  
BOND PROPOSAL

Shall Midland Public Schools, Midland County, Michigan, borrow the sum of not to exceed Two Hundred Eighty-Five Million Dollars (\$285,000,000) and issue its general obligation unlimited tax bonds therefor, in one or more series, for the purpose of:

erecting, furnishing, and equipping new school buildings and school support buildings; erecting additions to, remodeling, including security improvements to, furnishing and refurnishing, and equipping and re-equipping school buildings; acquiring and installing instructional technology and instructional technology equipment for school buildings; purchasing school buses; and acquiring, preparing, developing, equipping, and improving playgrounds, play fields, athletic fields and facilities, driveways, parking areas, and sites?

The following is for informational purposes only:

The estimated millage that will be levied for the proposed bonds in 2025 is 3.90 mills (\$3.90 on each \$1,000 of taxable valuation). The maximum number of years the bonds of any series may be outstanding, exclusive of any refunding, is twenty-five (25) years. The estimated simple average annual millage anticipated to be required to retire this bond debt is 3.81 mills (\$3.81 on each \$1,000 of taxable valuation).

The school district does not expect to borrow from the State to pay debt service on the bonds. The total amount of qualified bonds currently outstanding is \$64,700,000. The total amount of qualified loans currently outstanding is \$0. The estimated computed millage rate may change based on changes in certain circumstances.

(Pursuant to State law, expenditure of bond proceeds must be audited and the proceeds cannot be used for repair or maintenance costs, teacher, administrator or employee salaries, or other operating expenses.)

**Financial Summary**

**MIDLAND PUBLIC SCHOOLS**

Financial information provided as of: 12/10/2024

**A. Existing Bond Debt: List each outstanding debt issue separately in chronological order by issue date.**

Original Bond Issue			Current Outstanding Principal Balance				Outstanding Principal Balance as of Election Date				Millage	
Issue Date	Purpose	Issue Amount	Current Qualified	Current Non-Qualified	Current Non-Voted	Current Total	Qualified	Non-Qualified	Non-Voted	Election Date Total	Levied This Tax Year (2024)	Estimate Next Tax Year (2025)
5/21/2015	Building and Site	\$64,110,000	\$2,350,000			<b>\$2,350,000</b>	\$0			<b>\$0</b>	0.87	
5/7/2019	Building and Site	34,930,000	25,425,000			<b>25,425,000</b>	24,325,000			<b>24,325,000</b>	0.84	
3/25/2021	Energy	3,875,000			3,250,000	<b>3,250,000</b>			3,035,000	<b>3,035,000</b>		
7/27/2021	Refunding	39,860,000	36,330,000			<b>36,330,000</b>	35,085,000			<b>35,085,000</b>	0.68	
4/17/2023	Building and Site	7,635,000	6,565,000			<b>6,565,000</b>	5,290,000			<b>5,290,000</b>	0.56	
						<b>0</b>				<b>0</b>		
<b>Total</b>			<b>\$70,670,000</b>	<b>\$0</b>	<b>\$3,250,000</b>	<b>\$73,920,000</b>	<b>\$64,700,000</b>	<b>\$0</b>	<b>\$3,035,000</b>	<b>\$67,735,000</b>	<b>2.95</b>	<b>2.30</b>

Have proceeds of all existing bonds been spent? No (If No, provide status of unspent/unaudited bonds)

**B. Proposed Bond Issue: List each ballot proposal separately.**

Proposal	Amount	Bond Term	Avg Int Rate	Bond Interest	SLRF Interest	Total Interest	Avg Millage	Millage Year 1
Proposal 1	\$285,000,000	25 years	4.75%	\$202,128,333	\$0	<b>\$202,128,333</b>	3.81	3.90
Proposal 2								
Proposal 3								
Proposal 4								
<b>Combined Issue</b>	<b>\$285,000,000</b>			<b>\$202,128,333</b>	<b>\$0</b>	<b>\$202,128,333</b>	<b>3.81</b>	<b>3.90</b>

(Totals may not foot due to differences in the financial structure of individual proposals and a combined bond issue.)

**C. School Bond Loan Participation**

School Bond Loan Fund					Millage			Est Amt to be Borrowed			
Mandatory Final SBLF Loan Repayment Date	Estimated SBLF Balance as of Election Date	SBLF Beginning Date	Projected SBLF End Date	Estimated SBLF Interest Rate	Initial Computed Millage	Estimated Duration of Computed Millage	Maximum Millage without SBLF Participation	Existing Bonds Amount to be borrowed	Existing Bonds Interest to be accrued	Proposed Bonds Amount to be borrowed	Proposed Bonds Interest to be accrued
N/A	\$0	N/A	N/A	N/A	6.20	10	6.20	\$0	\$0	\$0	\$0

**D. Property Tax Assumptions**

Current		Growth Rate				Property Taxes Levied		Pending
Tax Year	Taxable Value	Prior 5 Year Average	Prior 20 Year Average	Projected Rate Years 1 - 5	Projected Rate Years 6+	Winter	Summer	Material Tax Appeals in District
2024	\$2,930,118,198	2.70%	1.65%	2.00%	1.65%	60.00%	40.00%	No

(If district is aware of any event or circumstance that could significantly affect its future, disclosure must be included.)

(Split in City, all others December only)

**E. Key Financial Measures**

1st Year Millage Increase	Total Debt to Taxable Value	Weighted Average Maturity of Bonds	120% of Average Useful Life of Assets	Current & Proposed Bond Debt plus SBLF Debt	Total Loans do not exceed 25% of the Taxable Value
3.25	12.04%	14.93	36.48	\$352,735,000	TRUE

**F. Bond Issuance**

Series/ Proposal	Amount	Dated Date	Construction Fund Beg. Date	Construction Fund End Date
1	\$75,000,000	6/15/2025	6/15/2025	12/15/2027
2	75,000,000	5/1/2027	5/1/2027	6/1/2030
3	75,000,000	5/1/2030	5/1/2030	5/1/2033
4	60,000,000	5/1/2033	5/1/2033	9/1/2035
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**G. Certification**

The financial impact presented herein is based on certain assumptions regarding interest rates and taxable value growth rates. Actual millage rates may be subject to adjustment based on differences in these assumptions, actual interest rates, and future taxable value growth.

Prepared By Kari Blanchett  
 Firm PFM Financial Advisors LLC



<b>\$285,000,000</b>	<b>Series 2025</b>	<b>Series 2027</b>	<b>Series 2030</b>	<b>Series 2033</b>
<b>MIDLAND PUBLIC SCHOOLS</b>	Amount: \$75,000,000	\$75,000,000	\$75,000,000	\$60,000,000
<b>COUNTY OF MIDLAND, STATE OF MICHIGAN</b>	TIC: 4.75%	4.75%	4.75%	4.75%
<b>2025, 2027, 2030, 2033 SCHOOL BUILDING AND SITE BONDS</b>	Dated Date: Jun 15, 25	May 1, 27	May 1, 30	May 1, 33
<b>(GENERAL OBLIGATION - UNLIMITED TAX)</b>	First Payment: Nov 1, 25 < 5 Months	Nov 1, 27	Nov 1, 30	Nov 1, 33
	First Levy: Jul 1, 25	Jul 1, 27	Jul 1, 30	Jul 1, 33
	Capitalized Int: \$0	\$0	\$0	\$0
<b>ESTIMATED MILLAGE NEEDED TO RETIRE BONDED DEBT</b>	Debt/TV <sup>[1]</sup> : 4.76%	6.69%	7.45%	7.85%
	Bond Term: 24 yrs., 10.5 mo.	25 yrs., 0 mo.	25 yrs., 0 mo.	25 yrs., 0 mo.
	1:5 Ratio: TRUE	TRUE	TRUE	TRUE
	Average Life: 12.48	14.62	15.97	17.08
	120% ProjUsefulLife: 31.87	39.03	45.32	29.54

Tax Year	Fiscal Year	Existing UT Debt \$64,700,000	Series 2025				Series 2027		Series 2030		Series 2033			
			Interest Due Nov 1	Interest Due May 1	Interest Rate	Principal Due May 1	Total Debt Service	Principal Due May 1	Total Debt Service	Principal Due May 1	Total Debt Service	Principal Due May 1	Total Debt Service	
2024	2025	\$8,351,039	\$0	\$0	4.750%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2025	2026	6,972,925	1,345,833	1,781,250	4.750%	8,300,000	11,427,083	0	0	0	0	0	0	
2026	2027	6,887,445	1,584,125	1,584,125	4.750%	8,975,000	12,143,250	0	0	0	0	0	0	
2027	2028	6,822,373	1,370,969	1,370,969	4.750%	2,300,000	5,041,938	3,900,000	7,462,500	0	0	0	0	
2028	2029	6,770,942	1,316,344	1,316,344	4.750%	2,355,000	4,987,688	4,575,000	7,952,250	0	0	0	0	
2029	2030	6,742,961	1,260,413	1,260,413	4.750%	2,385,000	4,905,825	5,300,000	8,459,938	0	0	0	0	
2030	2031	7,592,297	1,203,769	1,203,769	4.750%	1,350,000	3,757,538	1,000,000	3,908,188	1,600,000	5,162,500	0	0	
2031	2032	7,541,152	1,171,706	1,171,706	4.750%	1,350,000	3,693,413	1,100,000	3,960,688	2,075,000	5,561,500	0	0	
2032	2033	6,745,021	1,139,644	1,139,644	4.750%	1,350,000	3,629,288	1,585,000	4,393,438	2,950,000	6,337,938	0	0	
2033	2034	6,727,377	1,107,581	1,107,581	4.750%	1,450,000	3,665,163	1,000,000	3,733,150	1,000,000	4,247,813	250,000	3,100,000	
2034	2035	6,715,262	1,073,144	1,073,144	4.750%	1,600,000	3,746,288	1,025,000	3,710,650	1,100,000	4,300,313	500,000	3,338,125	
2035	2036	2,787,500	1,035,144	1,035,144	4.750%	1,750,000	3,820,288	1,425,000	4,061,963	1,325,000	4,473,063	625,000	3,439,375	
2036	2037	2,772,500	993,581	993,581	4.750%	1,750,000	3,737,163	1,505,000	4,074,275	1,425,000	4,510,125	690,000	3,474,688	
2037	2038	2,727,500	952,019	952,019	4.750%	1,850,000	3,754,038	1,595,000	4,092,788	1,525,000	4,542,438	785,000	3,536,913	
2038	2039	2,703,750	908,081	908,081	4.750%	1,960,000	3,776,163	1,695,000	4,117,025	1,625,000	4,570,000	885,000	3,599,625	
2039	2040	0	861,531	861,531	4.750%	2,615,000	4,338,063	2,845,000	5,186,513	2,395,000	5,262,813	1,445,000	4,117,588	
2040	2041	0	799,425	799,425	4.750%	2,735,000	4,333,850	2,975,000	5,181,375	2,520,000	5,274,050	1,570,000	4,173,950	
2041	2042	0	734,469	734,469	4.750%	2,860,000	4,328,938	3,115,000	5,180,063	2,675,000	5,309,350	1,700,000	4,229,375	
2042	2043	0	666,544	666,544	4.750%	2,990,000	4,323,088	3,260,000	5,177,100	2,835,000	5,342,288	1,835,000	4,283,625	
2043	2044	0	595,531	595,531	4.750%	3,125,000	4,316,063	3,410,000	5,172,250	3,005,000	5,377,625	1,975,000	4,336,463	
2044	2045	0	521,313	521,313	4.750%	3,265,000	4,307,625	3,570,000	5,170,275	3,180,000	5,409,888	2,120,000	4,387,650	
2045	2046	0	443,769	443,769	4.750%	3,415,000	4,302,538	3,735,000	5,165,700	3,335,000	5,413,838	2,265,000	4,431,950	
2046	2047	0	362,663	362,663	4.750%	3,570,000	4,295,325	3,910,000	5,163,288	3,500,000	5,420,425	2,415,000	4,474,363	
2047	2048	0	277,875	277,875	4.750%	3,730,000	4,285,750	4,095,000	5,162,563	3,675,000	5,429,175	2,570,000	4,514,650	
2048	2049	0	189,288	189,288	4.750%	3,895,000	4,273,575	4,285,000	5,158,050	3,855,000	5,434,613	2,730,000	4,552,575	
2049	2050	0	96,781	96,781	4.750%	4,075,000	4,268,563	4,485,000	5,154,513	4,045,000	5,441,500	2,980,000	4,672,900	
2050	2051	0	0	0	4.750%	0	0	4,695,000	5,151,475	4,620,000	5,824,363	3,465,000	5,016,350	
2051	2052	0	0	0	4.750%	0	0	4,915,000	5,148,463	4,835,000	5,819,913	3,625,000	5,011,763	
2052	2053	0	0	0	4.750%	0	0	0	0	5,060,000	5,815,250	3,795,000	5,009,575	
2053	2054	0	0	0	4.750%	0	0	0	0	5,295,000	5,809,900	3,970,000	5,004,313	
2054	2055	0	0	0	4.750%	0	0	0	0	5,545,000	5,808,388	4,155,000	5,000,738	
2055	2056	0	0	0	4.750%	0	0	0	0	0	0	4,350,000	4,998,375	
2056	2057	0	0	0	4.750%	0	0	0	0	0	0	4,550,000	4,991,750	
2057	2058	0	0	0	4.750%	0	0	0	0	0	0	4,750,000	4,975,625	
2058	2059	0	0	0	4.750%	0	0	0	0	0	0	0	0	
		<u>\$88,860,045</u>	<u>\$22,011,540</u>	<u>\$22,446,956</u>			<u>\$75,000,000</u>	<u>\$119,458,496</u>	<u>\$75,000,000</u>	<u>\$127,098,475</u>	<u>\$75,000,000</u>	<u>\$131,899,063</u>	<u>\$60,000,000</u>	<u>\$108,672,300</u>

[1] Includes \$64,700,000 of Existing UT Debt and \$3,035,000 of Existing LTNQ Debt  
 [2] Includes \$6,928,171 of equivalent IFT valuations & less DDA/TIFA debt captures of \$0 for 2025.



Prequal

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Ballot Information	
Election Date	November 5, 2024
First Yr. Millage	3.90
Avg. Millage	3.81

Levy Cycle Split Levy	
Millage Impact	
Projected	6.20
Current	2.95
Net Increase	3.25

Interest Factor  
**0.71**

Tax Year	Fiscal Year End	Total Proposed Debt	Delinquency Allowance 4.50%	Use of Funds on Hand \$433,764	Proposed and Existing UT Debt	Projected Tax Base [2]	Growth Rate	Mills Needed New Bond Avg. 3.81	Mills Needed All Qualified Debt
2024	2025	\$0	\$389,893	(\$76,646)	\$8,664,287	\$2,937,046,369	6.66%		2.95
2025	2026	11,427,083	445,932	(272,058)	18,573,881	2,995,787,296	2.00%	3.90	6.20
2026	2027	12,143,250	0	(85,060)	18,945,635	3,055,703,042	2.00%	3.97	6.20
2027	2028	12,504,438	0	0	19,326,811	3,116,817,103	2.00%	4.01	6.20
2028	2029	12,939,938	0	0	19,710,879	3,179,153,445	2.00%	4.07	6.20
2029	2030	13,365,763	0	0	20,108,724	3,242,736,514	2.00%	4.12	6.20
2030	2031	12,828,225	0	0	20,420,522	3,296,087,361	1.65%	3.89	6.20
2031	2032	13,215,600	0	0	20,756,752	3,350,315,960	1.65%	3.94	6.20
2032	2033	14,360,663	0	0	21,105,684	3,405,436,749	1.65%	4.22	6.20
2033	2034	14,746,125	0	0	21,473,502	3,461,464,409	1.65%	4.26	6.20
2034	2035	15,095,375	0	0	21,810,637	3,518,413,859	1.65%	4.29	6.20
2035	2036	15,794,688	0	0	18,582,188	3,576,300,265	1.65%	4.42	5.20
2036	2037	15,796,250	0	0	18,568,750	3,635,139,043	1.65%	4.35	5.11
2037	2038	15,926,175	0	0	18,653,675	3,694,945,860	1.65%	4.31	5.05
2038	2039	16,062,813	0	0	18,766,563	3,755,736,644	1.65%	4.28	5.00
2039	2040	18,904,975	0	0	18,904,975	3,817,527,583	1.65%	4.95	4.95
2040	2041	18,963,225	0	0	18,963,225	3,880,335,132	1.65%	4.89	4.89
2041	2042	19,047,725	0	0	19,047,725	3,944,176,018	1.65%	4.83	4.83
2042	2043	19,126,100	0	0	19,126,100	4,009,067,240	1.65%	4.77	4.77
2043	2044	19,202,400	0	0	19,202,400	4,075,026,079	1.65%	4.71	4.71
2044	2045	19,275,438	0	0	19,275,438	4,142,070,100	1.65%	4.65	4.65
2045	2046	19,314,025	0	0	19,314,025	4,210,217,158	1.65%	4.59	4.59
2046	2047	19,353,400	0	0	19,353,400	4,279,485,399	1.65%	4.52	4.52
2047	2048	19,392,138	0	0	19,392,138	4,349,893,271	1.65%	4.46	4.46
2048	2049	19,418,813	0	0	19,418,813	4,421,459,521	1.65%	4.39	4.39
2049	2050	19,537,475	0	0	19,537,475	4,494,203,210	1.65%	4.35	4.35
2050	2051	15,992,188	0	0	15,992,188	4,568,143,707	1.65%	3.50	3.50
2051	2052	15,980,138	0	0	15,980,138	4,643,300,705	1.65%	3.44	3.44
2052	2053	10,824,825	0	0	10,824,825	4,719,694,217	1.65%	2.29	2.29
2053	2054	10,814,213	0	0	10,814,213	4,797,344,586	1.65%	2.25	2.25
2054	2055	10,809,125	0	0	10,809,125	4,876,272,492	1.65%	2.22	2.22
2055	2056	4,998,375	0	0	4,998,375	4,956,498,952	1.65%	1.01	1.01
2056	2057	4,991,750	0	0	4,991,750	5,038,045,331	1.65%	0.99	0.99
2057	2058	4,975,625	0	0	4,975,625	5,120,933,346	1.65%	0.97	0.97
2058	2059	0	0	0	0	5,205,185,068	1.65%		0.00
		<b>\$487,128,333</b>	<b>\$835,825</b>	<b>(\$433,764)</b>	<b>\$576,390,439</b>				

[1] Includes \$64,700,0

[2] Includes \$6,928,17

NT/KB

**\$75,000,000**

**MIDLAND PUBLIC SCHOOLS  
2025 SCHOOL BUILDING AND SITE BONDS**

<b>BOND SIZING SCHEDULE</b>			
<b>ESTIMATED BOND ISSUANCE COSTS</b>			<b>ESTIMATED OTHER COSTS</b>
Bond Discount	0.500%	\$375,000	Reimbursable Election Costs
Bond Insurance		0	\$71,050
Bond Attorney Fee		104,411	Capitalized Interest
Financial Consultant Fee		96,450	0
Credit Rating (1)		66,000	Other
Qualification of Bonds		19,000	0
Official Statement Printing & Mailing		2,500	<b>TOTAL OTHER COSTS</b>
Notice of Sale Publication		1,800	\$71,050
Treasury Filing Fee(s)		1,000	<b>BOND SIZING</b>
Auditor's Consent Fee		0	Total Bond Issuance and Other Costs
Paying Agent Upfront Fee		500	\$738,161
Municipal Advisory Council Fee		450	Total Project Expenditures
<b>TOTAL BOND ISSUANCE COSTS</b>		<b>\$667,111</b>	Total Project, Issuance & Other Costs
			75,099,950
			75,838,111
			Less Original Issue Premium
			0
			Less Estimated Construction Fund Earnings
			(838,111)
			Less Other Adjustments
			0
			<b>AMOUNT OF BOND ISSUE</b>
			<b>\$75,000,000</b>

**PROJECT FUND DRAWS AND EARNINGS SECTION**

Estimated Expenditures				Average Life = 1.58 years				
Date	Project Expenditures	Issuance & Other Costs	Totals	Month	Payout %	Project Fund Balance	Estimated Interest Rate	Projected Interest Earned
Jun 25						\$75,000,000		
Jun 25	\$0	\$738,161	\$738,161	1	0.97%	74,261,839	0.71%	\$43,950
Jul 25	29,942		29,942	2	1.01%	74,275,848	0.71%	43,959
Aug 25	89,499		89,499	3	1.13%	74,230,308	0.71%	43,932
Sep 25	148,076		148,076	4	1.33%	74,126,163	0.71%	43,870
Oct 25	205,030		205,030	5	1.60%	73,965,004	0.71%	43,775
Nov 25	259,737		259,737	6	1.94%	73,749,041	0.71%	43,647
Dec 25	1,358,885		1,358,885	7	3.73%	72,433,803	0.71%	42,869
Jan 26	360,047		360,047	8	4.21%	72,116,625	0.71%	42,681
Feb 26	430,731		430,731	9	4.77%	71,728,575	0.71%	42,451
Mar 26	943,650		943,650	10	6.02%	70,827,376	0.71%	41,918
Apr 26	1,212,048		1,212,048	11	7.62%	69,657,246	0.71%	41,225
May 26	1,678,853		1,678,853	12	9.83%	68,019,618	0.71%	40,256
Jun 26	2,227,884		2,227,884	13	12.77%	65,831,990	0.71%	38,961
Jul 26	2,847,500		2,847,500	14	16.52%	63,023,452	0.71%	37,299
Aug 26	3,412,508		3,412,508	15	21.02%	59,648,243	0.71%	35,302
Sep 26	3,910,127		3,910,127	16	26.18%	55,773,418	0.71%	33,008
Oct 26	4,328,983		4,328,983	17	31.89%	51,477,443	0.71%	30,466
Nov 26	4,659,375		4,659,375	18	38.03%	46,848,534	0.71%	27,726
Dec 26	5,940,793		5,940,793	19	45.86%	40,935,468	0.71%	24,227
Jan 27	5,025,669		5,025,669	20	52.49%	35,934,025	0.71%	21,267
Feb 27	5,052,386		5,052,386	21	59.15%	30,902,906	0.71%	18,289
Mar 27	4,972,500		4,972,500	22	65.71%	25,948,696	0.71%	15,357
Apr 27	4,787,210		4,787,210	23	72.02%	21,176,843	0.71%	12,533
May 27	4,500,054		4,500,054	24	77.96%	16,689,322	0.71%	9,877
Jun 27	4,116,838		4,116,838	25	83.38%	12,582,361	0.71%	7,447
Jul 27	3,645,511		3,645,511	26	88.19%	8,944,297	0.71%	5,294
Aug 27	3,110,251		3,110,251	27	92.29%	5,839,339	0.71%	3,456
Sep 27	2,514,378		2,514,378	28	95.61%	3,328,417	0.71%	1,970
Oct 27	1,844,987		1,844,987	29	98.04%	1,485,400	0.71%	879
Nov 27	1,116,443		1,116,443	30	99.51%	369,836	0.71%	219
Dec 27	370,055		370,055	31	100.00%	0	0.71%	0
Jan 28	0		0	32	100.00%	0	0.71%	0
	<b>\$75,099,950</b>	<b>\$738,161</b>	<b>\$75,838,111</b>					<b>\$838,111</b>





Prequal 2027

\$75,000,000

**MIDLAND PUBLIC SCHOOLS  
2027 SCHOOL BUILDING AND SITE BONDS**

<b>BOND SIZING SCHEDULE</b>				
<b>ESTIMATED BOND ISSUANCE COSTS</b>			<b>ESTIMATED OTHER COSTS</b>	
Bond Discount	0.495%	\$371,250	Reimbursable Election Costs	\$0
Bond Insurance		0	Capitalized Interest	0
Bond Attorney Fee		104,411	Other	0
Financial Consultant Fee		96,250	<b>TOTAL OTHER COSTS</b>	<b>\$0</b>
Credit Rating (1)		66,000	<b>BOND SIZING</b>	
Qualification of Bonds		19,000	Total Bond Issuance and Other Costs	\$663,161
Official Statement Printing & Mailing		2,500	Total Project Expenditures	75,175,796
Notice of Sale Publication		1,800	Total Project, Issuance & Other Costs	75,838,957
Treasury Filing Fee(s)		1,000	Less Original Issue Premium	0
Auditor's Consent Fee		0	Less Estimated Construction Fund Earnings	(838,957)
Paying Agent Upfront Fee		500	Less Other Adjustments	0
Municipal Advisory Council Fee		450	<b>AMOUNT OF BOND ISSUE</b>	<b>\$75,000,000</b>
<b>TOTAL BOND ISSUANCE COSTS</b>		<b>\$663,161</b>		

**PROJECT FUND DRAWS AND EARNINGS SECTION**

Estimated Expenditures		Average Life = 1.58 years						
Date	Project Expenditures	Issuance & Other Costs	Totals	Month	Payout %	Project Fund Balance	Estimated Interest Rate	Projected Interest Earned
May 27						\$75,000,000		
May 27	\$0	\$663,161	\$663,161	1	0.87%	74,336,839	0.71%	\$44,113
Jun 27	130,912		130,912	2	1.05%	74,250,090	0.71%	44,111
Jul 27	391,793		391,793	3	1.56%	73,902,408	0.71%	43,905
Aug 27	649,851		649,851	4	2.42%	73,296,462	0.71%	43,545
Sep 27	903,227		903,227	5	3.61%	72,436,780	0.71%	43,034
Oct 27	1,150,095		1,150,095	6	5.13%	71,329,719	0.71%	42,376
Nov 27	1,388,677		1,388,677	7	6.96%	69,983,418	0.71%	41,576
Dec 27	1,784,816		1,784,816	8	9.31%	68,240,178	0.71%	40,541
Jan 28	1,834,177		1,834,177	9	11.73%	66,446,542	0.71%	39,475
Feb 28	2,037,886		2,037,886	10	14.42%	64,448,131	0.71%	38,288
Mar 28	2,226,912		2,226,912	11	17.35%	62,259,507	0.71%	36,988
Apr 28	2,399,892		2,399,892	12	20.52%	59,896,603	0.71%	35,584
May 28	2,555,582		2,555,582	13	23.89%	57,376,605	0.71%	34,087
Jun 28	2,692,858		2,692,858	14	27.44%	54,717,834	0.71%	32,507
Jul 28	2,810,732		2,810,732	15	31.15%	51,939,609	0.71%	30,857
Aug 28	2,908,355		2,908,355	16	34.98%	49,062,111	0.71%	29,147
Sep 28	2,985,023		2,985,023	17	38.92%	46,106,235	0.71%	27,391
Oct 28	3,040,184		3,040,184	18	42.93%	43,093,443	0.71%	25,601
Nov 28	3,438,158		3,438,158	19	47.46%	39,680,886	0.71%	23,574
Dec 28	4,132,622		4,132,622	20	52.91%	35,571,838	0.71%	21,133
Jan 29	3,953,947		3,953,947	21	58.12%	31,639,024	0.71%	18,796
Feb 29	3,404,902		3,404,902	22	62.61%	28,252,918	0.71%	16,785
Mar 29	2,985,023		2,985,023	23	66.55%	25,284,680	0.71%	15,021
Apr 29	2,908,355		2,908,355	24	70.38%	22,391,346	0.71%	13,302
May 29	2,810,732		2,810,732	25	74.09%	19,593,917	0.71%	11,641
Jun 29	2,692,858		2,692,858	26	77.64%	16,912,699	0.71%	10,048
Jul 29	2,555,582		2,555,582	27	81.01%	14,367,165	0.71%	8,535
Aug 29	2,399,892		2,399,892	28	84.17%	11,975,809	0.71%	7,115
Sep 29	2,226,912		2,226,912	29	87.11%	9,756,011	0.71%	5,796
Oct 29	2,037,886		2,037,886	30	89.80%	7,723,921	0.71%	4,589
Nov 29	1,834,177		1,834,177	31	92.22%	5,894,333	0.71%	3,502
Dec 29	1,617,253		1,617,253	32	94.35%	4,280,582	0.71%	2,543
Jan 30	1,388,677		1,388,677	33	96.18%	2,894,448	0.71%	1,720
Feb 30	1,150,095		1,150,095	34	97.70%	1,746,072	0.71%	1,037
Mar 30	903,227		903,227	35	98.89%	843,883	0.71%	501
Apr 30	649,851		649,851	36	99.74%	194,533	0.71%	116
May 30	150,000		150,000	37	99.94%	44,648	0.71%	27
Jun 30	44,675		44,675	38	100.00%	0	0.71%	0
Jul 30	0		0	39	100.00%	0	0.71%	0
	<b>\$75,175,796</b>	<b>\$663,161</b>	<b>\$75,838,957</b>					<b>\$838,957</b>



Prequal 2030

**\$75,000,000**  
**MIDLAND PUBLIC SCHOOLS**  
**2030 SCHOOL BUILDING AND SITE BONDS**

<b>BOND SIZING SCHEDULE</b>			
<b>ESTIMATED BOND ISSUANCE COSTS</b>			
Bond Discount	0.500%	\$375,000	
Bond Insurance		0	
Bond Attorney Fee		104,411	
Financial Consultant Fee		92,500	
Credit Rating (1)		66,000	
Qualification of Bonds		19,000	
Official Statement Printing & Mailing		2,500	
Notice of Sale Publication		1,800	
Treasury Filing Fee(s)		1,000	
Auditor's Consent Fee		0	
Paying Agent Upfront Fee		500	
Municipal Advisory Council Fee		450	
<b>TOTAL BOND ISSUANCE COSTS</b>		<b>\$663,161</b>	
<b>ESTIMATED OTHER COSTS</b>			
Reimbursable Election Costs			\$0
Capitalized Interest			0
Other			0
<b>TOTAL OTHER COSTS</b>			<b>\$0</b>
<b>BOND SIZING</b>			
Total Bond Issuance and Other Costs			\$663,161
Total Project Expenditures			75,175,796
Total Project, Issuance & Other Costs			75,838,957
Less Original Issue Premium			0
Less Estimated Construction Fund Earnings			(838,957)
Less Other Adjustments			0
<b>AMOUNT OF BOND ISSUE</b>			<b>\$75,000,000</b>

**PROJECT FUND DRAWS AND EARNINGS SECTION**

Estimated Expenditures				Average Life = 1.53 years				
Date	Project Expenditures	Issuance & Other Costs	Totals	Month	Payout %	Project Fund Balance	Estimated Interest Rate	Projected Interest Earned
May 30						\$75,000,000		
May 30	\$0	\$663,161	\$663,161	1	0.87%	74,336,839	0.74%	\$45,587
Jun 30	139,179		139,179	2	1.06%	74,243,247	0.74%	45,530
Jul 30	416,477		416,477	3	1.61%	73,872,300	0.74%	45,302
Aug 30	690,605		690,605	4	2.52%	73,226,997	0.74%	44,906
Sep 30	959,478		959,478	5	3.78%	72,312,426	0.74%	44,346
Oct 30	1,221,048		1,221,048	6	5.39%	71,135,723	0.74%	43,624
Nov 30	2,486,284		2,486,284	7	8.67%	68,693,063	0.74%	42,126
Dec 30	1,714,390		1,714,390	8	10.93%	67,020,799	0.74%	41,101
Jan 31	1,942,407		1,942,407	9	13.49%	65,119,493	0.74%	39,935
Feb 31	2,155,641		2,155,641	10	16.34%	63,003,786	0.74%	38,637
Mar 31	2,352,470		2,352,470	11	19.44%	60,689,953	0.74%	37,218
Apr 31	2,531,395		2,531,395	12	22.78%	58,195,777	0.74%	35,689
May 31	2,691,054		2,691,054	13	26.32%	55,540,411	0.74%	34,060
Jun 31	2,830,232		2,830,232	14	30.06%	52,744,239	0.74%	32,345
Jul 31	2,947,871		2,947,871	15	33.94%	49,828,714	0.74%	30,557
Aug 31	3,043,075		3,043,075	16	37.96%	46,816,196	0.74%	28,710
Sep 31	3,115,119		3,115,119	17	42.06%	43,729,787	0.74%	26,817
Oct 31	3,163,456		3,163,456	18	46.23%	40,593,148	0.74%	24,894
Nov 31	4,200,674		4,200,674	19	51.77%	36,417,368	0.74%	22,333
Dec 31	3,187,716		3,187,716	20	55.98%	33,251,985	0.74%	20,392
Jan 32	3,163,456		3,163,456	21	60.15%	30,108,921	0.74%	18,464
Feb 32	3,115,119		3,115,119	22	64.25%	27,012,266	0.74%	16,565
Mar 32	3,043,075		3,043,075	23	68.27%	23,985,757	0.74%	14,709
Apr 32	2,947,871		2,947,871	24	72.15%	21,052,595	0.74%	12,911
May 32	2,830,232		2,830,232	25	75.89%	18,235,273	0.74%	11,183
Jun 32	2,691,054		2,691,054	26	79.43%	15,555,402	0.74%	9,539
Jul 32	2,531,395		2,531,395	27	82.77%	13,033,546	0.74%	7,993
Aug 32	2,352,470		2,352,470	28	85.87%	10,689,069	0.74%	6,555
Sep 32	2,155,641		2,155,641	29	88.72%	8,539,983	0.74%	5,237
Oct 32	1,942,407		1,942,407	30	91.28%	6,602,813	0.74%	4,049
Nov 32	1,714,390		1,714,390	31	93.54%	4,892,473	0.74%	3,000
Dec 32	1,473,326		1,473,326	32	95.48%	3,422,147	0.74%	2,099
Jan 33	1,221,048		1,221,048	33	97.09%	2,203,198	0.74%	1,351
Feb 33	959,478		959,478	34	98.36%	1,245,071	0.74%	764
Mar 33	690,605		690,605	35	99.27%	555,229	0.74%	340
Apr 33	416,477		416,477	36	99.82%	139,093	0.74%	88
May 33	139,181		139,181	37	100.00%	0	0.74%	0
Jun 33	0		0	38	100.00%	0	0.74%	0
	<b>\$75,175,796</b>	<b>\$663,161</b>	<b>\$75,838,957</b>					<b>\$838,957</b>



Prequal 2033

**\$60,000,000**  
**MIDLAND PUBLIC SCHOOLS**  
**2033 SCHOOL BUILDING AND SITE BONDS**

<b>BOND SIZING SCHEDULE</b>			
<b>ESTIMATED BOND ISSUANCE COSTS</b>			<b>ESTIMATED OTHER COSTS</b>
Bond Discount	0.495%	\$297,000	Reimbursable Election Costs
Bond Insurance		0	Capitalized Interest
Bond Attorney Fee		89,763	Other
Financial Consultant Fee		82,000	
Credit Rating (1)		48,000	(0)
Qualification of Bonds		16,000	<b>TOTAL OTHER COSTS</b>
Official Statement Printing & Mailing		2,500	(0)
Notice of Sale Publication		1,800	<b>BOND SIZING</b>
Treasury Filing Fee(s)		1,000	Total Bond Issuance and Other Costs
Auditor's Consent Fee		0	\$539,013
Paying Agent Upfront Fee		500	Total Project Expenditures
Municipal Advisory Council Fee		450	60,132,057
<b>TOTAL BOND ISSUANCE COSTS</b>		<b>\$539,013</b>	<b>TOTAL PROJECT, ISSUANCE &amp; OTHER COSTS</b>
			<b>60,671,070</b>
			Less Original Issue Premium
			0
			Less Estimated Construction Fund Earnings
			(671,070)
			Less Other Adjustments
			0
			<b>AMOUNT OF BOND ISSUE</b>
			<b>\$60,000,000</b>

**PROJECT FUND DRAWS AND EARNINGS SECTION**

Estimated Expenditures				Average Life = 1.29 years				
Date	Project Expenditures	Issuance & Other Costs	Totals	Month	Payout %	Project Fund Balance	Estimated Interest Rate	Projected Interest Earned
May 33						\$60,000,000		
May 33	\$0	\$539,013	\$539,013	1	0.89%	59,460,987	0.87%	\$43,203
Jun 33	144,120		144,120	2	1.13%	59,360,071	0.87%	43,130
Jul 33	430,547		430,547	3	1.84%	58,972,654	0.87%	42,849
Aug 33	711,559		711,559	4	3.01%	58,303,943	0.87%	42,363
Sep 33	983,624		983,624	5	4.63%	57,362,682	0.87%	41,679
Oct 33	1,243,318		1,243,318	6	6.68%	56,161,043	0.87%	40,806
Nov 33	2,387,851		2,387,851	7	10.61%	53,813,997	0.87%	39,100
Dec 33	1,712,732		1,712,732	8	13.44%	52,140,366	0.87%	37,884
Jan 34	1,916,548		1,916,548	9	16.60%	50,261,702	0.87%	36,519
Feb 34	2,096,263		2,096,263	10	20.05%	48,201,958	0.87%	35,023
Mar 34	2,249,615		2,249,615	11	23.76%	45,987,366	0.87%	33,414
Apr 34	2,374,678		2,374,678	12	27.67%	43,646,102	0.87%	31,713
May 34	2,469,877		2,469,877	13	31.74%	41,207,937	0.87%	29,941
Jun 34	2,534,017		2,534,017	14	35.92%	38,703,861	0.87%	28,122
Jul 34	2,566,289		2,566,289	15	40.15%	36,165,694	0.87%	26,277
Aug 34	2,566,289		2,566,289	16	44.38%	33,625,682	0.87%	24,432
Sep 34	2,534,017		2,534,017	17	48.56%	31,116,097	0.87%	22,608
Oct 34	2,469,877		2,469,877	18	52.63%	28,668,828	0.87%	20,830
Nov 34	5,104,266		5,104,266	19	61.04%	23,585,393	0.87%	17,137
Dec 34	6,665,490		6,665,490	20	72.03%	16,937,040	0.87%	12,306
Jan 35	6,512,137		6,512,137	21	82.76%	10,437,209	0.87%	7,584
Feb 35	3,745,664		3,745,664	22	88.93%	6,699,128	0.87%	4,867
Mar 35	1,712,732		1,712,732	23	91.76%	4,991,264	0.87%	3,627
Apr 35	1,487,378		1,487,378	24	94.21%	3,507,512	0.87%	2,548
May 35	1,243,318		1,243,318	25	96.26%	2,266,743	0.87%	1,647
Jun 35	983,624		983,624	26	97.88%	1,284,766	0.87%	933
Jul 35	711,559		711,559	27	99.05%	574,140	0.87%	417
Aug 35	430,547		430,547	28	99.76%	144,010	0.87%	111
Sep 35	144,121		144,121	29	100.00%	0	0.87%	0
Oct 35	0		0	30	100.00%	0	0.87%	0
	<b>\$60,132,057</b>	<b>\$539,013</b>	<b>\$60,671,070</b>					<b>\$671,070</b>

KB



**MIDLAND PUBLIC SCHOOLS  
COUNTY OF MIDLAND, STATE OF MICHIGAN  
EXISTING DEBT BEFORE ADDITIONAL BONDING**

**2015 SCHOOL BUILDING AND SITE BONDS, SERIES I - UTQ**

*Tax-Type: Unlimited Tax Qualified  
Original Amount: \$64,110,000  
Net Interest Cost: 5.000%  
Call Date: Non-Callable  
Voter Approved Before 2015: No  
Dated: 05/21/2015*

**2019 SCHOOL BUILDING AND SITE BONDS, SERIES II - UT**

*Tax-Type: Unlimited Tax Qualified  
Original Amount: \$34,930,000  
Net Interest Cost: 5.000%  
Call Date: 05/01/2029  
Voter Approved Before 2015: No  
Dated: 05/07/2019*

Levy Year	FY End Year	Interest Due Nov 1	Interest Due May 1	Interest Rate	Principal Due May 1	Total Debt Service
2024	2025	\$58,750	\$58,750	5.000%	\$2,350,000	\$2,467,500
2025	2026	0	0	0.000%	0	0
2026	2027	0	0	0.000%	0	0
2027	2028	0	0	0.000%	0	0
2028	2029	0	0	0.000%	0	0
2029	2030	0	0	0.000%	0	0
2030	2031	0	0	0.000%	0	0
2031	2032	0	0	0.000%	0	0
2032	2033	0	0	0.000%	0	0
2033	2034	0	0	0.000%	0	0
2034	2035	0	0	0.000%	0	0
2035	2036	0	0	0.000%	0	0
2036	2037	0	0	0.000%	0	0
2037	2038	0	0	0.000%	0	0
2038	2039	0	0	0.000%	0	0
2039	2040	0	0	0.000%	0	0
2040	2041	0	0	0.000%	0	0
2041	2042	0	0	0.000%	0	0
<b>Totals:</b>		<u>\$58,750</u>	<u>\$58,750</u>		<u>\$2,350,000</u>	<u>\$2,467,500</u>

Interest Due Nov 1	Interest Due May 1	Interest Rate	Principal Due May 1	Total Debt Service
\$635,625	\$635,625	5.000%	\$1,100,000	\$2,371,250
608,125	608,125	5.000%	1,100,000	2,316,250
580,625	580,625	5.000%	1,100,000	2,261,250
553,125	553,125	5.000%	1,125,000	2,231,250
525,000	525,000	5.000%	1,150,000	2,200,000
496,250	496,250	5.000%	1,200,000	2,192,500
466,250	466,250	5.000%	1,625,000	2,557,500
425,625	425,625	5.000%	1,700,000	2,551,250
383,125	383,125	5.000%	1,775,000	2,541,250
338,750	338,750	5.000%	1,850,000	2,527,500
292,500	292,500	5.000%	1,950,000	2,535,000
243,750	243,750	5.000%	2,300,000	2,787,500
186,250	186,250	5.000%	2,400,000	2,772,500
126,250	126,250	5.000%	2,475,000	2,727,500
64,375	64,375	5.000%	2,575,000	2,703,750
0	0	0.000%	0	0
0	0	0.000%	0	0
0	0	0.000%	0	0
<u>\$5,925,625</u>	<u>\$5,925,625</u>		<u>\$25,425,000</u>	<u>\$37,276,250</u>



**MIDLAND PUBLIC SCHOOLS  
COUNTY OF MIDLAND, STATE OF MICHIGAN  
EXISTING DEBT BEFORE ADDITIONAL BONDING**

**2021 ENERGY CONSERVATION IMPROVEMENT BONDS - LT**

*Tax-Type: Limited Tax*  
*Original Amount: \$3,875,000*  
*Net Interest Cost: 2.000%*  
*Call Date: 05/01/2031*  
*Voter Approved Before 2015: No*  
*Dated: 03/25/2021*

**2021 REFUNDING BONDS - UTQ**

*Tax-Type: Unlimited Tax Qualified*  
*Original Amount: \$39,860,000*  
*Net Interest Cost: 2.004%*  
*Call Date: 05/01/2031*  
*Voter Approved Before 2015: No*  
*Dated: 07/27/2021*

Levy Year	FY End Year	Interest Due Nov 1	Interest Due May 1	Interest Rate	Principal Due May 1	Total Debt Service
2024	2025	\$32,500	\$32,500	2.000%	\$215,000	\$280,000
2025	2026	30,350	30,350	2.000%	220,000	280,700
2026	2027	28,150	28,150	2.000%	225,000	281,300
2027	2028	25,900	25,900	2.000%	235,000	286,800
2028	2029	23,550	23,550	2.000%	240,000	287,100
2029	2030	21,150	21,150	2.000%	245,000	287,300
2030	2031	18,700	18,700	2.000%	250,000	287,400
2031	2032	16,200	16,200	2.000%	255,000	287,400
2032	2033	13,650	13,650	2.000%	260,000	287,300
2033	2034	11,050	11,050	2.000%	265,000	287,100
2034	2035	8,400	8,400	2.000%	275,000	291,800
2035	2036	5,650	5,650	2.000%	280,000	291,300
2036	2037	2,850	2,850	2.000%	285,000	290,700
2037	2038	0	0	0.000%	0	0
2038	2039	0	0	0.000%	0	0
2039	2040	0	0	0.000%	0	0
2040	2041	0	0	0.000%	0	0
2041	2042	0	0	0.000%	0	0
<b>Totals:</b>		<u>\$238,100</u>	<u>\$238,100</u>		<u>\$3,250,000</u>	<u>\$3,726,200</u>

Interest Due Nov 1	Interest Due May 1	Interest Rate	Principal Due May 1	Total Debt Service
\$332,020	\$332,020	0.953%	\$1,245,000	\$1,909,039
326,087	326,087	1.103%	2,990,000	3,642,175
309,597	309,597	1.405%	3,030,000	3,649,195
288,312	288,312	1.545%	3,070,000	3,646,623
264,596	264,596	1.682%	3,135,000	3,664,192
238,231	238,231	1.802%	3,200,000	3,676,461
209,399	209,399	1.902%	3,780,000	4,198,797
173,451	173,451	2.032%	3,845,000	4,191,902
134,386	134,386	2.132%	3,935,000	4,203,771
92,439	92,439	2.232%	4,015,000	4,199,877
47,631	47,631	2.332%	4,085,000	4,180,262
0	0	0.000%	0	0
0	0	0.000%	0	0
0	0	0.000%	0	0
0	0	0.000%	0	0
0	0	0.000%	0	0
0	0	0.000%	0	0
0	0	0.000%	0	0
<u>\$2,416,147</u>	<u>\$2,416,147</u>		<u>\$36,330,000</u>	<u>\$41,162,295</u>



**MIDLAND PUBLIC SCHOOLS  
COUNTY OF MIDLAND, STATE OF MICHIGAN  
EXISTING DEBT BEFORE ADDITIONAL BONDING**

**2023 SCHOOL BUILDING AND SITE BONDS, SERIES III - UTQ**

*Tax-Type: Unlimited Tax Qualified*

*Original Amount: \$7,635,000*

*Net Interest Cost: 5.000%*

*Call Date: Non-Callable*

*Voter Approved Before 2015: No*

*Dated: 04/17/2023*

Levy Year	FY End Year	Interest Due		Interest Rate	Principal Due		TOTAL UTQ		TOTAL LT	
		Nov 1	May 1		May 1	Total Debt Service	Principal	Total Debt Service	Principal	Total Debt Service
2024	2025	\$164,125	\$164,125	5.000%	\$1,275,000	\$1,603,250	\$5,970,000	\$8,351,039	\$215,000	\$280,000
2025	2026	132,250	132,250	5.000%	750,000	1,014,500	4,840,000	6,972,925	220,000	280,700
2026	2027	113,500	113,500	5.000%	750,000	977,000	4,880,000	6,887,445	225,000	281,300
2027	2028	94,750	94,750	5.000%	755,000	944,500	4,950,000	6,822,373	235,000	286,800
2028	2029	75,875	75,875	5.000%	755,000	906,750	5,040,000	6,770,942	240,000	287,100
2029	2030	57,000	57,000	5.000%	760,000	874,000	5,160,000	6,742,961	245,000	287,300
2030	2031	38,000	38,000	5.000%	760,000	836,000	6,165,000	7,592,297	250,000	287,400
2031	2032	19,000	19,000	5.000%	760,000	798,000	6,305,000	7,541,152	255,000	287,400
2032	2033	0	0	0.000%	0	0	5,710,000	6,745,021	260,000	287,300
2033	2034	0	0	0.000%	0	0	5,865,000	6,727,377	265,000	287,100
2034	2035	0	0	0.000%	0	0	6,035,000	6,715,262	275,000	291,800
2035	2036	0	0	0.000%	0	0	2,300,000	2,787,500	280,000	291,300
2036	2037	0	0	0.000%	0	0	2,400,000	2,772,500	285,000	290,700
2037	2038	0	0	0.000%	0	0	2,475,000	2,727,500	0	0
2038	2039	0	0	0.000%	0	0	2,575,000	2,703,750	0	0
2039	2040	0	0	0.000%	0	0	0	0	0	0
2040	2041	0	0	0.000%	0	0	0	0	0	0
2041	2042	0	0	0.000%	0	0	0	0	0	0
<b>Totals:</b>		<u>\$694,500</u>	<u>\$694,500</u>		<u>\$6,565,000</u>	<u>\$7,954,000</u>	<u>\$70,670,000</u>	<u>\$88,860,045</u>	<u>\$3,250,000</u>	<u>\$3,726,200</u>

VH  
5.29.24



**BEFORE ADDITIONAL BONDING**

**MIDLAND PUBLIC SCHOOLS  
COUNTY OF MIDLAND, STATE OF MICHIGAN**

**ESTIMATED MILLAGE NEEDED TO RETIRE BONDED DEBT BEFORE ADDITIONAL BONDING**

Debt/TV <sup>[2]</sup> : 2.52%	2024 Debt Levy: 2.95
Collection Cycle	
July Levy 50%	Total Levy: 2.95

**Existing Unlimited Tax Debt & Mills**

Levy Year	Fiscal Year End	Projected Tax Base <sup>[1]</sup>	Growth Rate	Existing UT Payments	Use of Funds on Hand \$433,764	Delinquency Allowance 4.50%	Exempt Pers. Property Receipts <sup>[3]</sup>	Net UT Payments	Mills Needed All Debt
2024	2025	\$2,937,046,369	6.66%	\$8,351,039	(\$76,646)	\$389,893	\$0	\$8,664,287	2.95
2025	2026	2,995,787,296	2.00%	6,972,925	(82,614)	0	0	6,890,311	2.30
2026	2027	3,055,703,042	2.00%	6,887,445	(195,455)	0	0	6,691,990	2.19
2027	2028	3,116,817,103	2.00%	6,822,373	3,456	0	0	6,825,829	2.19
2028	2029	3,179,153,445	2.00%	6,770,942	191,404	0	0	6,962,346	2.19
2029	2030	3,242,736,514	2.00%	6,742,961	358,632	0	0	7,101,593	2.19
2030	2031	3,296,087,361	1.65%	7,592,297	(373,866)	0	0	7,218,431	2.19
2031	2032	3,350,315,960	1.65%	7,541,152	(258,675)	0	0	7,282,476	2.17
2032	2033	3,405,436,749	1.65%	6,745,021	0	0	0	6,745,021	1.98
2033	2034	3,461,464,409	1.65%	6,727,377	0	0	0	6,727,377	1.94
2034	2035	3,518,413,859	1.65%	6,715,262	0	0	0	6,715,262	1.91
2035	2036	3,576,300,265	1.65%	2,787,500	0	0	0	2,787,500	0.78
2036	2037	3,635,139,043	1.65%	2,772,500	0	0	0	2,772,500	0.76
2037	2038	3,694,945,860	1.65%	2,727,500	0	0	0	2,727,500	0.74
2038	2039	3,755,736,644	1.65%	2,703,750	0	0	0	2,703,750	0.72
2039	2040	3,817,527,583	1.65%	0	0	0	0	0	0.00
				\$88,860,045	(\$433,764)	\$389,893	\$0	\$88,816,174	

[1] Includes \$6,928,171 of equivalent IFT valuations & less DDA/TIFA debt captures of \$0 for 2024.

[2] Includes principal outstanding: \$70,670,000 of unlimited tax bonds and \$3,250,000 of limited tax bonds

[3] Based on \$0 of Exempt Personal Property for 2024



**MIDLAND PUBLIC SCHOOLS  
COUNTY OF MIDLAND, STATE OF MICHIGAN  
Taxable Value History**

<b>Levy Year</b>	<b>Taxable Value</b>	<b>T.V. Change</b>	<b>5 Year Average</b>	<b>20 Year Average</b>
2024	\$2,930,118,198	6.66%	2.70%	1.65%
2023	2,747,076,720	1.77%	1.63%	1.23%
2022	2,699,325,560	3.44%	1.43%	0.55%
2021	2,609,485,020	0.25%	0.51%	
2020	2,603,002,353	1.38%	(1.01)%	
2019	2,567,524,682	1.29%	(1.26)%	
2018	2,534,772,159	0.78%	(1.54)%	
2017	2,515,230,175	(1.14)%	(0.72)%	
2016	2,544,234,088	(7.34)%	(0.20)%	
2015	2,745,686,092	0.10%	1.77%	
2014	2,743,018,027	(0.08)%	1.61%	
2013	2,745,144,228	4.83%	(0.93)%	
2012	2,618,584,985	1.49%	(1.66)%	
2011	2,580,229,194	2.49%	(1.27)%	
2010	2,517,437,190	(0.67)%	1.54%	
2009	2,534,419,187	(12.77)%	3.53%	
2008	2,905,506,595	1.16%	5.74%	
2007	2,872,298,585	3.45%	3.14%	
2006	2,776,382,528	16.51%		
2005	2,383,001,131	9.30%		
2004	2,180,309,358	(1.72)%		
2003	2,218,543,274	(11.82)%		
2002	2,516,014,754			



# Enrollment Projections

Midland Public Schools

56-010

Complete this form after acquiring an enrollment projection report from an approved enrollment projection provider. Official enrollment projections should be based on the most recent fall membership count.

Prepared By Larry Bukowski, Barton Malow Builders

Source Michigan Alliance for Student Opportunity

### Explanation of Method Selected

Method 1 - Kindergarten enrollment is a simple exponential smoothed growth using the past five years of data. For other grades, previous year's enrollment from class matriculates with 3-yr weighted average persistency ratio.

### Subtotals by Grade:

Grade	2019-20	2024-25	2029-30	(Col 4 - Col 3) / Col 3
	Preceding 5-Year Enrollment	Current Enrollment	Projected 5-Year Enrollment	Projected Enrollment Change (%)
1	2	3	4	5
K	543	523	541	3.44%
1	500	513	549	7.02%
2	499	563	559	-0.71%
3	576	527	564	7.02%
4	555	568	577	1.58%
5	570	544	579	6.43%
6	578	562	577	2.67%
7	615	566	630	11.31%
8	600	600	584	-2.67%
9	614	621	677	9.02%
10	685	637	634	-0.47%
11	622	585	573	-2.05%
12	661	609	563	-7.55%
<b>Total</b>	<b>7,618</b>	<b>7,418</b>	<b>7,607</b>	<b>2.55%</b>

Non-general ed student count should not be included in the general ed student count listed above unless discussed with and determined by your enrollment service provider.

# Project Sheet

Adams Elementary				Project No. [n]	1
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

### Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

### Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

### Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	1,907,297	0	0	0	1,907,297
Construction Contingencies	325,768	0	0	35,463	361,231
Instructional Technology	0	0	0	167,926	167,926
Loose Furnishing/Equipment	0	0	0	364,198	364,198
Buses					0
Site Work	1,350,385	0	0	0	1,350,385
Site Acquisition					0
Architectural Fees and Costs	249,139	0	0	27,121	276,261
CM Fees and Costs	384,325	0	0	41,838	426,163
<b>Estimated Costs</b>	<b>4,216,915</b>	<b>0</b>	<b>0</b>	<b>636,546</b>	<b>4,853,461</b>

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

	12/6/2024	French Associates	130103304
Signature	Date	Firm Name and License Number	
Dale Jerome	dalej@frenchaia.com	248-656-1377	
Printed Name	E-mail Address	Phone Number	

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: K-5

enrollment: 480

## Adams Elementary School

Year Built: 1962

teaching stations:

1005 Adams Street, Midland, MI

Building Size: 55,117

capacity:

### Building Project Work List

Site Size: 16.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Envelope</b>											
		replace soffit and fascia	1	lpsm	100,000.00	100,000	112,551	145,692	1	1	1.1
							<b>Exterior Work Subtotal:</b>	<b>112,551</b>	<b>145,692</b>		
<b>Interior Work</b>											
		provide additional white boards in classrooms	24	each	2,000.00	48,000	54,024	69,932	1	3	2.1
		add door from cafeteria to stage area	1	allo	6,000.00	6,000	6,753	8,742	1	2	2.1
		replace select interior doors	30	each	2,000.00	60,000	67,531	87,415	1	1	1.1
		upgrade select glazing to impact resistant	55,117	sqft	0.50	27,559	31,017	40,150	1	1	1.1
		renovate kindergarten workroom - replace finishes	500	sqft	75.00	37,500	42,207	54,634	1	3	2.1
		replace office & workroom casework (wall & base cabinets)	200	lnft	400.00	80,000	90,041	116,553	1	3	2.1
		renovate itinerant office - replace finishes and casework	1,700	sqft	100.00	170,000	191,336	247,676	1	3	2.1
		remodel for preK - replace finishes and make compliant for preK use	5,500	sqft	150.00	825,000	928,545	1,201,957	1	2	2.1
							<b>Interior Work Subtotal:</b>	<b>1,411,454</b>	<b>1,827,060</b>		
<b>Mechanical Systems</b>											
<b>Plumbing Work</b>											
		replace sanitary drain piping	1	allo	100,000.00	100,000	112,551	145,692	1	1	1.1
							<b>Mechanical Systems Subtotal:</b>	<b>112,551</b>	<b>145,692</b>		
<b>Electrical Systems</b>											
<b>Power</b>											
		install additional outlets in classroom areas	24	each	2,000.00	48,000	54,024	69,932	1	1	1.1
		add electrical to support technology	1	each	1,000.00	1,450	1,632	2,113	1	2	1.1
							<b>Electrical Systems Subtotal:</b>	<b>55,656</b>	<b>72,045</b>		
							<b>Construction Subtotal:</b>	<b>1,692,212</b>	<b>2,190,488</b>		
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	10,000.00	10,000	11,255	14,569	1	2	5.1
		network and wireless infrastructure (2027)	1	allo	89,000.00	89,000	100,170	129,666	1	2	5.1
		replace UPSs (2025)	3	each	3,000.00	9,000	10,130	13,112	1	2	5.1
							<b>Technology Infrastructure Subtotal:</b>	<b>121,555</b>	<b>157,347</b>		
<b>Technology Safety &amp; Security</b>											
		add emergency alert system	1	allo	28,000.00	28,000	31,514	40,794	1	1	4.5
		replace PA system	55,117	sqft	1.00	55,100	62,016	80,276	1	1	4.5
							<b>Technology Safety &amp; Security Subtotal:</b>	<b>93,530</b>	<b>121,070</b>		
							<b>Technology &amp; Safety Infrastructure Subtotal:</b>	<b>215,085</b>	<b>278,417</b>		
							<b>REMODELING SUBTOTAL:</b>	<b>1,907,297</b>	<b>2,468,905</b>		
<b>SITE WORK</b>											
<b>Site Paving</b>											
		add parent drop-off loop	1	allo	200,000.00	200,000	225,102	291,384	1	1	1.1
		add service drive to back of bldg/Kitchen	1	allo	50,000.00	50,000	56,275	72,846	1	1	1.1
		replace concrete sidewalk	1,100	sqft	8.00	8,800	9,904	12,821	1	2	1.1
		replace concrete collar	1	each	1,000.00	1,000	1,126	1,457	1	2	1.1
							<b>Site Paving Subtotal:</b>	<b>292,407</b>	<b>378,507</b>		
<b>Site Improvements</b>											
		relocate playground area for new loop	1	allo	75,000.00	75,000	84,413	109,269	1	1	3.2
		install poured rubber surfacing at select playground area	1	allo	100,000.00	100,000	112,551	145,692	1	2	3.2
		improve grading & drainage around gym/café addition	1	allo	25,000.00	25,000	28,138	36,423	1	1	3.2
		add lower-el play equipment	1	allo	75,000.00	75,000	84,413	109,269	1	2	3.2
		upgrade playground equipment	1	allo	400,000.00	400,000	450,204	582,767	1	2	3.2
		upgrade playground surface / drainage	1	allo	200,000.00	200,000	225,102	291,384	1	2	3.2
		install (2) new kickball backstops	2	each	20,000.00	40,000	45,020	58,277	1	2	3.2
		add screen wall at dumpster area	1	allo	25,000.00	25,000	28,138	36,423	1	1	1.1
							<b>Site Improvement Subtotal:</b>	<b>1,057,978</b>	<b>1,369,503</b>		
							<b>SITE WORK SUBTOTAL:</b>	<b>1,350,385</b>	<b>1,748,010</b>		
<b>INSTRUCTIONAL TECHNOLOGY</b>											
<b>Computers and Mobile Devices</b>											
		purchase staff devices	44	ea	1,000.00	44,000	49,522	49,522	4	3	5.2
		purchase student devices	188	ea	350.00	65,700	73,946	73,946	4	3	5.2
<b>Audiovisual</b>											
		interactive displays and classroom sound	1	ea	10,000.00	14,500	16,320	21,125	4	2	5.3
		replace 2015 Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	4	2	5.3
							<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>	<b>167,926</b>	<b>181,017</b>		

**MIDLAND PUBLIC SCHOOLS**

Facility Condition Assessment (FCA)

Grades: K-5

enrollment: 480

**Adams Elementary School**

Year Built: 1962

teaching stations:

1005 Adams Street, Midland, MI

Building Size: 55,117

capacity:

**Building Project Work List**

Site Size: 16.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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**FURNITURE, FURNISHINGS AND EQUIPMENT**

**Non-Instructional Equipment**

purchase replacement printer/copiers (2028)	4	allo	12,000.00		48,000		54,024	54,024	4	2	5.1
<b>Non-Instructional Equipment Subtotal:</b>							<b>54,024</b>	<b>54,024</b>			

**Furniture, Furnishings & Equipment (FFE)**

purchase new classroom furniture (bldg-wide)	55,117	sqft	5.00		275,585		310,173	401,505	4	2	6.1
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**F,F,&E Subtotal: 310,173 401,505**

**F, F, & E SUBTOTAL: 364,198 455,529**

**PROJECT TOTAL: 3,789,806 4,853,461**

Construction Contingency: 361,231

Permits / General Conditions: 119,206

Design Consultants: 276,261

C.M. Costs: 306,956

**BUILDING TOTAL: 4,853,461**

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

**Adams Elementary**

**Project No. [n] 1**

**Current Grade Structure**     K-5      
**Proposed Grade Structure**     preK-5    

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

<b>Existing</b>	<b>List # of Teaching Stations</b>	<b>Capacity Factor</b>	<b>Capacity</b>
(K-2) Lower Elementary	10	20	200
(3-5) Upper Elementary	9	25	225
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>19</b>		<b>425</b>

<b>Proposed New</b>	<b>List # of Teaching Stations</b>	<b>Capacity Factor</b>	<b>Capacity</b>
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>

<b>Total</b>	<b>19</b>		<b>425</b>
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<b>Facility to be Closed</b>	<b>List # of Teaching Stations</b>	<b>Capacity Factor</b>	<b>Capacity</b>
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

**Projected 5-Year Enrollment**     405    

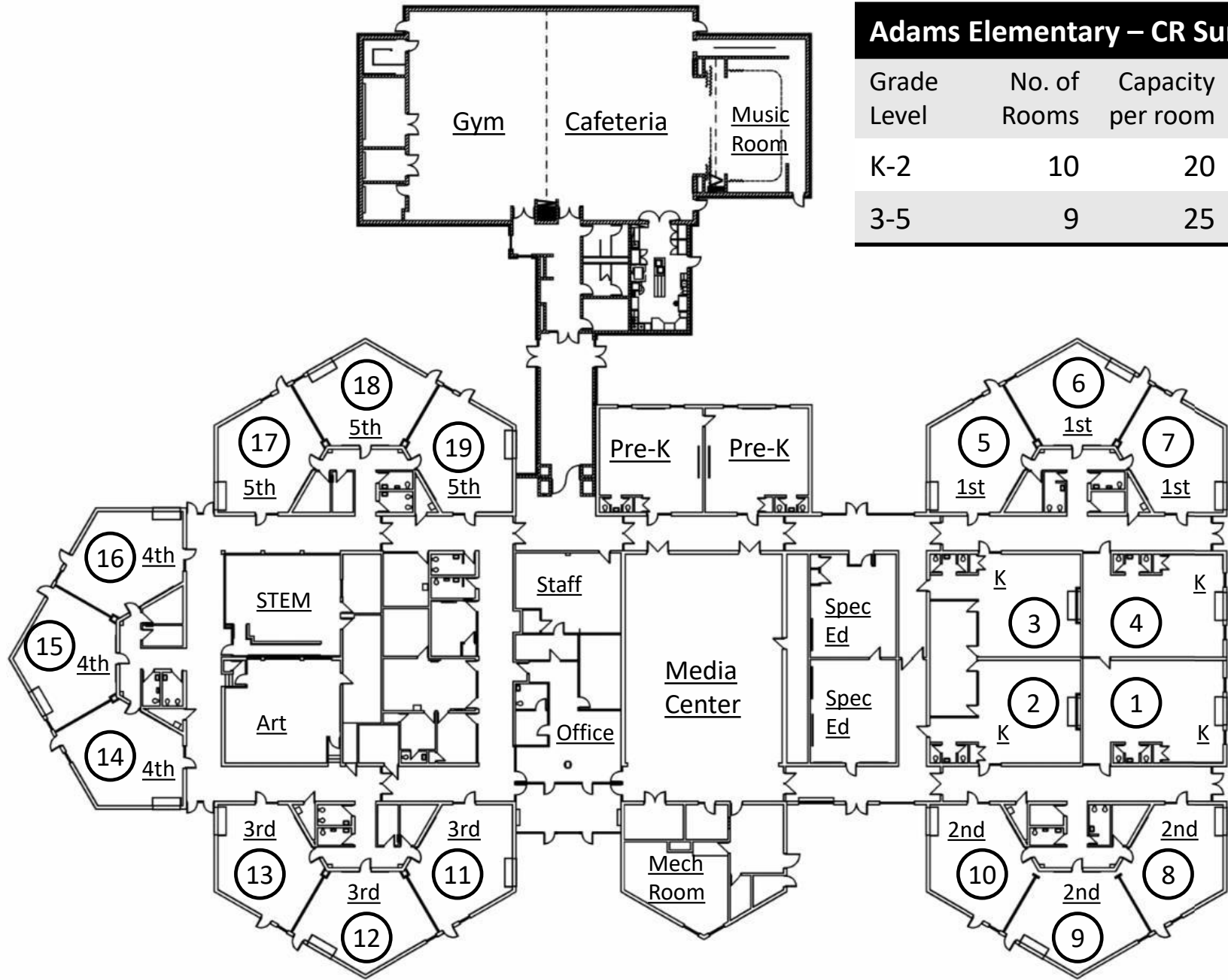
**Utilization Percentage**     95%    

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

## Adams Elementary – CR Summary

Grade Level	No. of Rooms	Capacity per room	Total (students)
K-2	10	20	200
3-5	9	25	225



# Project Sheet

Central Park Elementary				Project No. [n]	2
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

## Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	0	351,046	0	535,905	886,952
Construction Contingencies	41,081	35,105	0	90,732	166,918
Instructional Technology	0	0	0	529,777	529,777
Loose Furnishing/Equipment	0	0	0	54,024	54,024
Buses					0
Site Work	410,811	0	0	0	410,811
Site Acquisition					0
Architectural Fees and Costs	31,418	26,847	0	69,390	127,655
CM Fees and Costs	48,465	41,415	0	107,041	196,922
<b>Estimated Costs</b>	<b>531,775</b>	<b>454,413</b>	<b>0</b>	<b>1,386,870</b>	<b>2,373,058</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature

12/6/2024

Date

French Associates 130103304

Firm Name and License Number

Dale Jerome

Printed Name

dalej@frenchaia.com

E-mail Address

248-656-1377

Phone Number

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

## Central Park Elementary School

[insert building address]

### Building Project Work List

Grades: K-5

Year Built: 2017

Building Size: 84,860

Site Size:

enrollment: 619

teaching stations:

capacity:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category	
<b>REMODELING WORK</b>												
<b>Exterior Work</b>												
<b>Roofing</b>												
		add ice/snow guard rails at entrance canopy	1	lpsm	25,000.00	25,000	28,138	36,423	2	1	1.1	
<b>Exterior Work Subtotal:</b>							<b>28,138</b>	<b>36,423</b>				
<b>Interior Work</b>												
		upgrade select glazing to impact resistant	84,860	sqft	0.75	63,645	71,633	92,726	4	1	1.1	
		remodel for preK - replace finishes and make compliant for preK use	5,500	sqft	75.00	412,500	464,272	600,979	4	2	2.1	
<b>Interior Work Subtotal:</b>							<b>535,905</b>	<b>693,704</b>				
<b>Construction Subtotal:</b>							<b>564,043</b>	<b>730,127</b>				
<b>Technology Infrastructure</b>												
		network and wireless infrastructure (2027)	1	allo	148,000.00	148,000	166,575	215,624	2	2	5.1	
		replace UPSs (2025)	4	each	3,000.00	12,000	13,506	17,483	2	2	5.1	
<b>Technology Infrastructure Subtotal:</b>							<b>180,081</b>	<b>233,107</b>				
<b>Technology Safety &amp; Security</b>												
		add emergency alert system	1	allo	42,000.00	42,000	47,271	61,191	2	1	4.5	
		replace PA system	84,860	sqft	1.00	84,900	95,556	123,692	2	1	4.5	
<b>Technology Safety &amp; Security Subtotal:</b>							<b>142,827</b>	<b>184,883</b>				
<b>Technology &amp; Safety Infrastructure Subtotal:</b>							<b>322,908</b>	<b>417,990</b>				
<b>REMODELING SUBTOTAL:</b>							<b>886,952</b>	<b>1,148,117</b>				
<b>SITE WORK</b>												
<b>Site Improvements</b>												
		add fencing & gate to separate play area from Rodd St	1	allo	15,000.00	15,000	16,883	21,854	1	1	3.2	
		install poured rubber surfacing at select playground areas	1	allo	100,000.00	100,000	112,551	145,692	1	2	3.2	
		upgrade playground	1	allo	200,000.00	200,000	225,102	291,384	1	2	3.2	
		upgrade sign to match district standard	1	allo	50,000.00	50,000	56,275	72,846	1	1	1.1	
<b>Site Improvement Subtotal:</b>							<b>410,811</b>	<b>531,775</b>				
<b>SITE WORK SUBTOTAL:</b>							<b>410,811</b>	<b>531,775</b>				
<b>INSTRUCTIONAL TECHNOLOGY</b>												
<b>Computers and Mobile Devices</b>												
		purchase staff devices	56	ea	1,000.00	56,000	63,028	63,028	4	3	5.2	
		purchase student devices	242	ea	350.00	84,700	95,331	95,331	4	3	5.2	
<b>Audiovisual</b>												
		interactive displays and classroom sound	21	ea	10,000.00	205,000	230,729	298,668	4	2	5.3	
		replace 2015 Crestron equipment (collaboration & board)	1	allo	125,000.00	125,000	140,689	182,115	4	2	5.3	
<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>							<b>529,777</b>	<b>639,142</b>				
<b>FURNITURE, FURNISHINGS AND EQUIPMENT</b>												
<b>Non-Instructional Equipment</b>												
		purchase replacement printer/copiers (2028)	4	allo	12,000.00	48,000	54,024	54,024	4	2	5.1	
<b>Non-Instructional Equipment Subtotal:</b>							<b>54,024</b>	<b>54,024</b>				
<b>F, F, &amp; E SUBTOTAL:</b>							<b>54,024</b>	<b>54,024</b>				
<b>PROJECT TOTAL:</b>							<b>1,881,564</b>	<b>2,373,058</b>				
Construction Contingency:							166,918					
Permits / General Conditions:							55,083					
Design Consultants:							127,655					
C.M. Costs:							141,839					
<b>BUILDING TOTAL:</b>							<b>2,373,058</b>					

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees



# Building Utilization

## School Building Name

Central Park Elementary

Project No. [n] 2

Current Grade Structure     K-5      
 Proposed Grade Structure   preK-5  

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	14	20	280
(3-5) Upper Elementary	15	25	375
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>29</b>		<b>655</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Total</b>	<b>29</b>		<b>655</b>

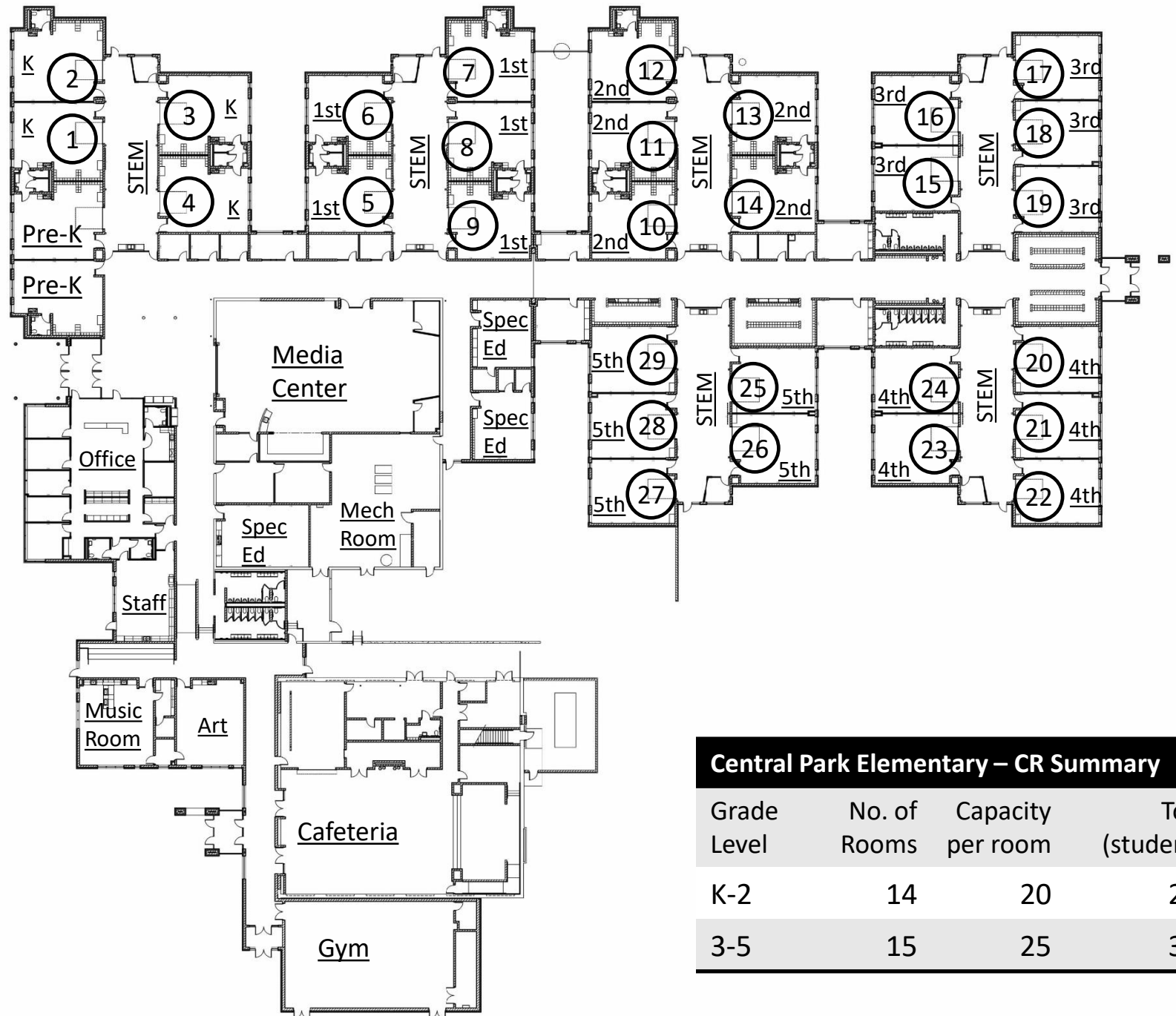
Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

Projected 5-Year Enrollment     632    

Utilization Percentage     96%    

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



### Central Park Elementary – CR Summary

Grade Level	No. of Rooms	Capacity per room	Total (students)
K-2	14	20	280
3-5	15	25	375

# Project Sheet

<b>Chestnut Elementary</b>				<b>Project No. [n]</b>	<b>3</b>
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

## Construction Cost Per Square Foot

<b>New Stand-Alone Construction Square Ft</b>	<u>                    n/a                    </u>	<b>Cost per Sq Ft</b>	<u>                    n/a                    </u>
<b>New Addition Square Ft.</b>	<u>                    n/a                    </u>	<b>Cost per Sq Ft</b>	<u>                    n/a                    </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<b>1.</b>	<b>2.</b>	<b>3.</b>	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	<b>0</b>
Remodeling	2,468,799	0	0	0	<b>2,468,799</b>
Construction Contingencies	334,670	0	0	38,827	<b>373,496</b>
Instructional Technology	0	0	0	311,316	<b>311,316</b>
Loose Furnishing/Equipment	0	0	0	231,821	<b>231,821</b>
Buses					<b>0</b>
Site Work	877,897	0	0	0	<b>877,897</b>
Site Acquisition					<b>0</b>
Architectural Fees and Costs	255,947	0	0	29,694	<b>285,641</b>
CM Fees and Costs	394,826	0	0	45,806	<b>440,632</b>
<b>Estimated Costs</b>	<b>4,332,138</b>	<b>0</b>	<b>0</b>	<b>657,463</b>	<b>4,989,601</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature

12/6/2024

Date

French Associates 130103304

Firm Name and License Number

Dale Jerome

Printed Name

dalej@frenchaia.com

E-mail Address

248-656-1377

Phone Number

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

## Chestnut Hill Elementary School

3900 Chestnut Hill Street, Midland, MI

### Building Project Work List

Grades: K-5

Year Built: 1957

Building Size: 33,994

Site Size: 11.0

enrollment: 414

teaching stations:

capacity:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Roofing</b>											
		replace roofing	45,166	sqft	15.00	677,500	762,532	987,062	1	1	1.1
<b>Envelope</b>											
		replace soffit and fascia	1	lpsm	100,000.00	100,000	112,551	145,692	1	1	1.1
						<b>Exterior Work Subtotal:</b>	<b>875,083</b>	<b>1,132,754</b>			
<b>Interior Work</b>											
		install additional acoustical panels at makerspace dome	1	allo	15,000.00	15,000	16,883	21,854	1	3	2.1
		remodel office to additional itinerant offices/resource room	1	allo	50,000.00	50,000	56,275	72,846	1	3	2.1
		add door from cafeteria to stage area	1	lpsm	6,000.00	6,000	6,753	8,742	1	2	2.1
		replace select interior doors	30	each	2,000.00	60,000	67,531	87,415	1	1	1.1
		replace casework (wall & base cabinets)	20	lnft	400.00	8,000	9,004	11,655	1	3	2.1
		renovate restrooms - replace finishes and fixtures	2	each	50,000.00	100,000	112,551	145,692	1	1	1.1
		renovate kindergarten workroom	500	sqft	75.00	37,500	42,207	54,634	1	3	2.1
		remodel for preK - replace finishes and make compliant for preK use	5,500	sqft	150.00	825,000	928,545	1,201,957	1	2	2.1
						<b>Interior Work Subtotal:</b>	<b>1,335,974</b>	<b>1,729,355</b>			
<b>Mechanical Systems</b>											
<b>Plumbing Work</b>											
		replace sanitary drain piping	1	allo	100,000.00	100,000	112,551	145,692	1	1	1.1
						<b>Mechanical Systems Subtotal:</b>	<b>112,551</b>	<b>145,692</b>			
						<b>Construction Subtotal:</b>	<b>2,323,608</b>	<b>3,007,800</b>			
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	10,000.00	10,000	11,255	14,569	1	2	5.1
		network and wireless infrastructure (2027)	1	allo	62,000.00	62,000	69,782	90,329	1	2	5.1
		replace UPSs (2025)	2	each	3,000.00	6,000	6,753	8,742	1	2	5.1
						<b>Technology Infrastructure Subtotal:</b>	<b>87,790</b>	<b>113,640</b>			
<b>Technology Safety &amp; Security</b>											
		add emergency alert system	1	allo	17,000.00	17,000	19,134	24,768	1	1	4.5
		replace PA system	33,994	sqft	1.00	34,000	38,267	49,535	1	1	4.5
						<b>Technology Safety &amp; Security Subtotal:</b>	<b>57,401</b>	<b>74,303</b>			
						<b>Technology &amp; Safety Infrastructure Subtotal:</b>	<b>145,191</b>	<b>187,942</b>			
						<b>REMODELING SUBTOTAL:</b>	<b>2,468,799</b>	<b>3,195,742</b>			
<b>SITE WORK</b>											
<b>Site Improvements</b>											
		improve grading & drainage near play areas	1	allo	50,000.00	50,000	56,275	72,846	1	1	3.2
		upgrades at (2) ball diamonds	2	each	15,000.00	30,000	33,765	43,708	1	2	3.2
		install poured rubber surfacing at select playground area	1	allo	100,000.00	100,000	112,551	145,692	1	2	3.2
		upgrade playground equipment	1	allo	400,000.00	400,000	450,204	582,767	1	2	3.2
		upgrade playground surface / drainage	1	allo	200,000.00	200,000	225,102	291,384	1	2	3.2
						<b>Site Improvement Subtotal:</b>	<b>877,897</b>	<b>1,136,396</b>			
						<b>SITE WORK SUBTOTAL:</b>	<b>877,897</b>	<b>1,136,396</b>			
<b>INSTRUCTIONAL TECHNOLOGY</b>											
<b>Computers and Mobile Devices</b>											
		purchase staff devices	45	ea	1,000.00	45,000	50,648	50,648	4	3	5.2
		purchase student devices	162	ea	350.00	56,600	63,704	63,704	4	3	5.2
<b>Audiovisual</b>											
		interactive displays and classroom sound	15	ea	10,000.00	150,000	168,826	218,538	4	2	5.3
		replace 2015 Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	4	2	5.3
						<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>	<b>311,316</b>	<b>369,312</b>			

**MIDLAND PUBLIC SCHOOLS**

Facility Condition Assessment (FCA)

Grades: K-5

enrollment: 414

**Chestnut Hill Elementary School**

Year Built: 1957

teaching stations:

3900 Chestnut Hill Street, Midland, MI

Building Size: 33,994

capacity:

**Building Project Work List**

Site Size: 11.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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**FURNITURE, FURNISHINGS AND EQUIPMENT**

**Non-Instructional Equipment**

purchase replacement printer/copiers (2028)	3	allo	12,000.00		36,000		40,518	40,518	4	2	5.1
<b>Non-Instructional Equipment Subtotal:</b>							<b>40,518</b>	<b>40,518</b>			

**Furniture, Furnishings & Equipment (FFE)**

purchase new classroom furniture (bldg-wide)	33,994	sqft	5.00		169,970		191,303	247,632	4	1	6.1
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**F,F,&E Subtotal: 191,303 247,632**

**F, F, & E SUBTOTAL: 231,821 288,151**

**PROJECT TOTAL: 3,889,832 4,989,601**

Construction Contingency: 373,496

Permits / General Conditions: 123,254

Design Consultants: 285,641

C.M. Costs: 317,378

**BUILDING TOTAL: 4,989,601**

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

Chestnut Elementary

Project No. [n] 3

Current Grade Structure     K-5      
 Proposed Grade Structure   preK-5  

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	9	20	180
(3-5) Upper Elementary	10	25	250
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>19</b>		<b>430</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Total</b>	<b>19</b>		<b>430</b>

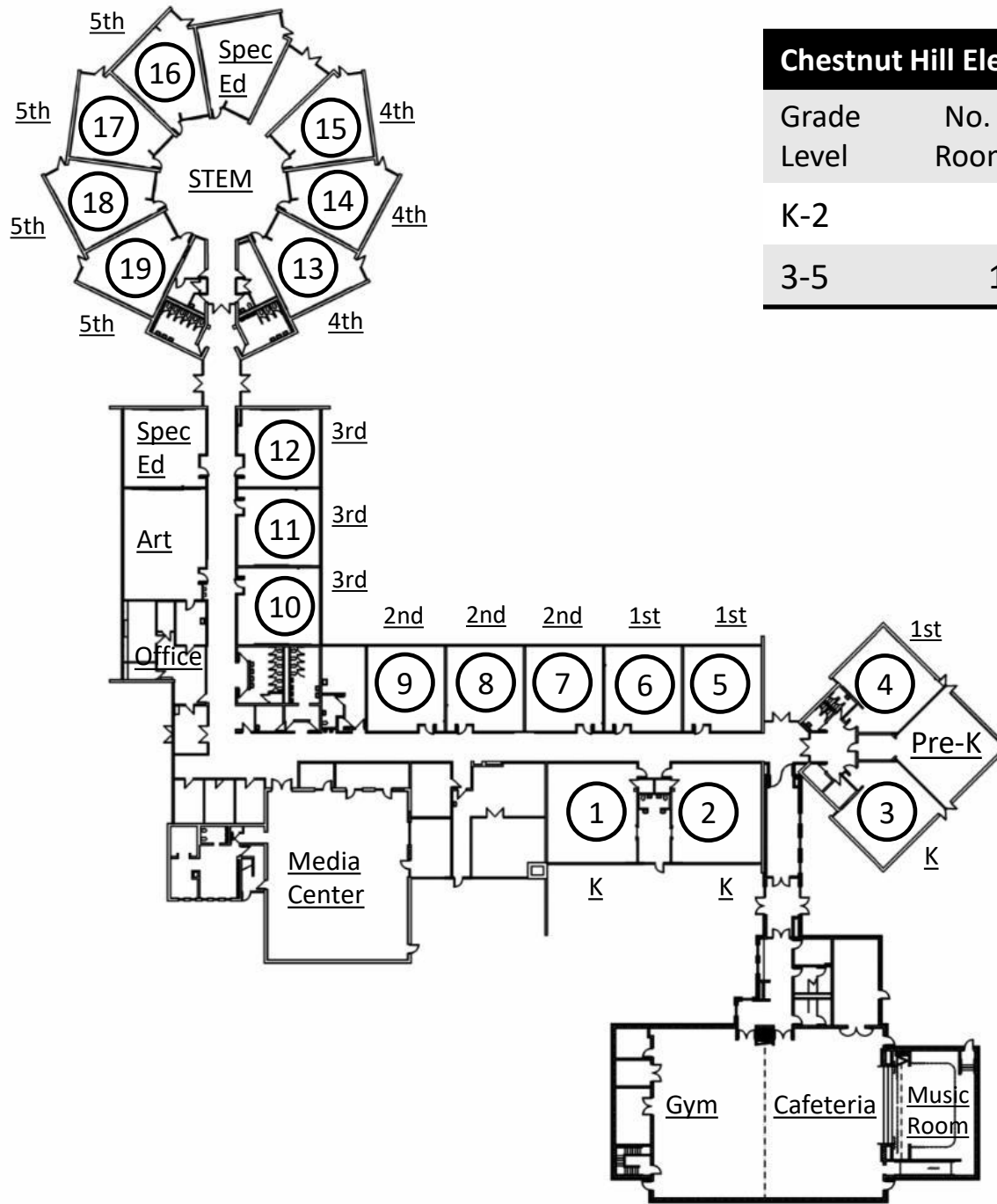
Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

Projected 5-Year Enrollment     400    

Utilization Percentage     93%    

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



### Chestnut Hill Elementary – CR Summary

Grade Level	No. of Rooms	Capacity per room	Total (students)
K-2	9	20	180
3-5	10	25	250

# Project Sheet

<b>Plymouth Elementary</b>				<b>Project No. [n]</b>	<b>4</b>
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input checked="" type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

## Construction Cost Per Square Foot

<b>New Stand-Alone Construction Square Ft</b>	<u>                    n/a                    </u>	<b>Cost per Sq Ft</b>	<u>                    n/a                    </u>
<b>New Addition Square Ft.</b>	<u>                    n/a                    </u>	<b>Cost per Sq Ft</b>	<u>                    n/a                    </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	1,317,685	33,765	0	425,442	1,776,893
Construction Contingencies	238,692	3,377	0	90,941	333,009
Instructional Technology	0	0	0	314,130	314,130
Loose Furnishing/Equipment	0	0	0	341,029	341,029
Buses					0
Site Work	1,088,930	0	0	0	1,088,930
Site Acquisition					0
Architectural Fees and Costs	182,546	2,582	0	69,549	254,677
CM Fees and Costs	281,597	3,983	0	107,288	392,868
<b>Estimated Costs</b>	<b>3,109,449</b>	<b>43,708</b>	<b>0</b>	<b>1,348,379</b>	<b>4,501,536</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature	Date	Firm Name and License Number
<u>Dale Jerome</u>	<u>12/6/2024</u>	<u>French Associates 130103304</u>
Printed Name	E-mail Address	Phone Number
<u>Dale Jerome</u>	<u>dalej@frenchaia.com</u>	<u>248-656-1377</u>



# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

## Plymouth Elementary School

1105 E. Sugnet Road, Midland, MI

### Building Project Work List

Grades: K-5

Year Built: 1952

Building Size: 50,995

Site Size: 14.0

enrollment: 432

teaching stations:

capacity:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Envelope</b>											
		replace soffit and fascia	1	lpsm	100,000.00	100,000	112,551	145,692	4	1	1.1
							<b>Exterior Work Subtotal:</b>	<b>112,551</b>	<b>145,692</b>		
<b>Interior Work</b>											
		add door from cafeteria to stage area	1	allo	6,000.00	6,000	6,753	8,742	1	3	2.1
		replace interior doors	32	each	2,000.00	64,000	72,033	93,243	1	1	1.1
		replace casework (wall & base cabinets)	50	lnft	2,000.00	100,000	112,551	145,692	1	3	2.1
		renovate restrooms - replace finishes and fixtures	2	each	50,000.00	100,000	112,551	145,692	1	1	1.1
		renovate kindergarten workroom - replace finishes	500	sqft	75.00	37,500	42,207	54,634	1	3	2.1
		upgrade select glazing to impact resistant	50,995	sqft	0.75	38,246	43,046	55,722	1	1	1.1
		remodel for preK - replace finishes and make compliant for preK use	5,500	sqft	150.00	825,000	928,545	1,201,957	1	2	2.1
							<b>Interior Work Subtotal:</b>	<b>1,317,685</b>	<b>1,705,681</b>		
<b>Mechanical Systems</b>											
<b>Plumbing Work</b>											
		replace sanitary drain piping	1	allo	100,000.00	100,000	112,551	145,692	4	1	1.1
<b>HVAC System</b>											
		insulate tunnel steam piping	1,200	lnft	25.00	30,000	33,765	43,708	2	2	1.1
							<b>Mechanical Systems Subtotal:</b>	<b>146,316</b>	<b>189,399</b>		
							<b>Construction Subtotal:</b>	<b>1,576,552</b>	<b>2,040,772</b>		
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	5,000.00	5,000	5,628	7,285	4	2	5.1
		network and wireless infrastructure (2027)	1	allo	88,000.00	88,000	99,045	128,209	4	2	5.1
		replace UPSs (2025)	3	each	3,000.00	9,000	10,130	13,112	4	2	5.1
							<b>Technology Infrastructure Subtotal:</b>	<b>114,802</b>	<b>148,606</b>		
<b>Technology Safety &amp; Security</b>											
		add emergency alert system	1	allo	25,000.00	25,000	28,138	36,423	4	1	4.5
		replace PA system	50,995	sqft	1.00	51,000	57,401	74,303	4	1	4.5
							<b>Technology Safety &amp; Security Subtotal:</b>	<b>85,539</b>	<b>110,726</b>		
							<b>Technology &amp; Safety Infrastructure Subtotal:</b>	<b>200,341</b>	<b>259,331</b>		
							<b>REMODELING SUBTOTAL:</b>	<b>1,776,893</b>	<b>2,300,103</b>		
<b>SITE WORK</b>											
<b>Site Paving</b>											
		rework front walkway across front of building to eliminate step and ADA issue:	1	allo	100,000.00	100,000	112,551	145,692	1	1	1.1
		replace asphalt paving	3,500	sqft	5.00	17,500	19,696	19,696	1	1	1.1
							<b>Site Paving Subtotal:</b>	<b>132,247</b>	<b>165,388</b>		
<b>Site Improvements</b>											
		install poured rubber surfacing at select playground area	1	allo	100,000.00	100,000	112,551	145,692	1	2	3.2
		improve grading near play areas	1	allo	150,000.00	150,000	168,826	218,538	1	1	3.2
		upgrade playground equipment	1	allo	400,000.00	400,000	450,204	582,767	1	2	3.2
		upgrade playground surface / drainage	1	allo	200,000.00	200,000	225,102	291,384	1	2	3.2
							<b>Site Improvement Subtotal:</b>	<b>956,682</b>	<b>1,238,380</b>		
							<b>SITE WORK SUBTOTAL:</b>	<b>1,088,930</b>	<b>1,403,768</b>		
<b>INSTRUCTIONAL TECHNOLOGY</b>											
<b>Computers and Mobile Devices</b>											
		purchase staff devices	45	ea	1,000.00	45,000	50,648	50,648	4	3	5.2
		purchase student devices	169	ea	350.00	59,100	66,518	66,518	4	3	5.2
<b>Audiovisual</b>											
		interactive displays and classroom sound	15	ea	10,000.00	150,000	168,826	218,538	4	2	5.3
		replace 2015 Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	4	2	5.3
							<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>	<b>314,130</b>	<b>372,126</b>		

**MIDLAND PUBLIC SCHOOLS**

Facility Condition Assessment (FCA)

Grades: K-5

enrollment: 432

**Plymouth Elementary School**

Year Built: 1952

teaching stations:

1105 E. Sugnet Road, Midland, MI

Building Size: 50,995

capacity:

**Building Project Work List**

Site Size: 14.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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**FURNITURE, FURNISHINGS AND EQUIPMENT**

**Non-Instructional Equipment**

purchase replacement printer/copiers (2028)	4	allo	12,000.00		48,000		54,024	54,024	4	2	5.1
<b>Non-Instructional Equipment Subtotal:</b>							<b>54,024</b>	<b>54,024</b>			

**Furniture, Furnishings & Equipment (FFE)**

purchase new classroom furniture (building-wide)	50,995	sqft	5.00	255,000		287,005	371,514	371,514	4	1	6.1
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**F,F,&E Subtotal: 287,005 371,514**

**F, F, & E SUBTOTAL: 341,029 425,538**

**PROJECT TOTAL: 3,520,981 4,501,536**

Construction Contingency: 333,009

Permits / General Conditions: 109,893

Design Consultants: 254,677

C.M. Costs: 282,975

**BUILDING TOTAL: 4,501,536**

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

Plymouth Elementary

Project No. [n] 4

Current Grade Structure     K-5      
 Proposed Grade Structure   preK-5  

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	9	20	180
(3-5) Upper Elementary	12	25	300
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>21</b>		<b>480</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Total</b>	<b>21</b>		<b>480</b>

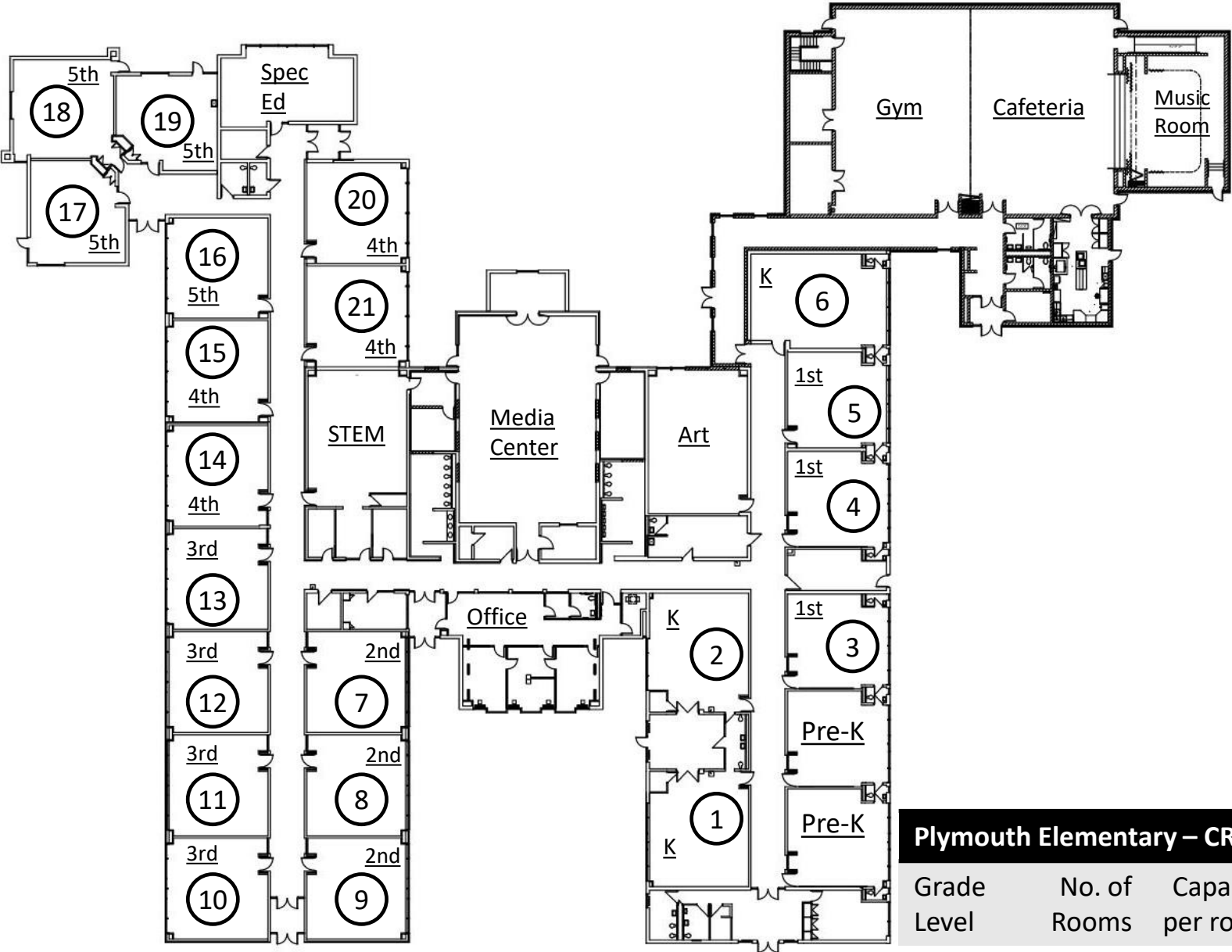
Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

Projected 5-Year Enrollment     439    

Utilization Percentage     91%    

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



**Plymouth Elementary – CR Summary**

Grade Level	No. of Rooms	Capacity per room	Total (students)
K-2	9	20	180
3-5	12	25	300

# Project Sheet

<b>Siebert Elementary</b>				<b>Project No. [n]</b>	<b>5</b>
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

### Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

### Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

### Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	<b>0</b>
Remodeling	0	2,015,175	0	0	<b>2,015,175</b>
Construction Contingencies	78,786	201,517	0	32,607	<b>312,910</b>
Instructional Technology	0	0	0	157,684	<b>157,684</b>
Loose Furnishing/Equipment	0	0	0	335,075	<b>335,075</b>
Buses					<b>0</b>
Site Work	827,249	0	0	0	<b>827,249</b>
Site Acquisition					<b>0</b>
Architectural Fees and Costs	60,253	154,116	0	24,937	<b>239,306</b>
CM Fees and Costs	92,947	237,740	0	38,468	<b>369,156</b>
<b>Estimated Costs</b>	<b>1,059,235</b>	<b>2,608,548</b>	<b>0</b>	<b>588,771</b>	<b>4,256,554</b>

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature	Date	Firm Name and License Number
<u>Dale Jerome</u>	<u>12/6/2024</u>	<u>French Associates 130103304</u>
Printed Name	E-mail Address	Phone Number
<u>Dale Jerome</u>	<u>dalej@frenchaia.com</u>	<u>248-656-1377</u>

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

## Siebert Elementary School

5700 Siebert Street, Midland, MI

### Building Project Work List

Grades: K-5

Year Built: 1958

Building Size: 49,942

Site Size: 14.0

enrollment: 600

teaching stations:

capacity:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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#### REMODELING WORK

##### Exterior Work

###### Roofing

replace roofing	24,971	sqft	15.00	374,600	421,616	545,761	2	1	1.1
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###### Envelope

replace soffit and fascia	1	lpsm	100,000.00	100,000	112,551	145,692	2	1	1.1
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**Exterior Work Subtotal: 534,166 691,453**

##### Interior Work

add walls to enclose existing makerspace	1	allo	6,000.00	6,000	6,753	8,742	2	3	2.1
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add acoustical panels at cafeteria	1	allo	20,000.00	20,000	22,510	29,138	2	1	1.1
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replace interior doors	62	each	2,000.00	124,000	139,563	180,658	2	1	1.1
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renovate kindergarten workroom - replace finishes	500	sqft	75.00	37,500	42,207	54,634	2	3	2.1
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upgrade select glazing to impact resistant	49,942	sqft	0.75	37,457	42,158	54,571	2	1	1.1
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remodel for preK - replace finishes and make compliant for preK use	5,500	sqft	150.00	825,000	928,545	1,201,957	2	2	2.1
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**Interior Work Subtotal: 1,181,735 1,529,700**

##### Mechanical Systems

###### Plumbing Work

replace sanitary drain piping	1	allo	100,000.00	100,000	112,551	145,692	2	1	1.1
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**Mechanical Systems Subtotal: 112,551 145,692**

**Construction Subtotal: 1,828,453 2,366,845**

##### Technology Infrastructure

tech infrastructure for renovations	1	allo	10,000.00	10,000	11,255	14,569	2	2	5.1
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network and wireless infrastructure (2027)	1	allo	75,000.00	75,000	84,413	109,269	2	2	5.1
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replace UPSs (2025)	2	each	3,000.00	6,000	6,753	8,742	2	2	5.1
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**Technology Infrastructure Subtotal: 102,421 132,580**

##### Technology Safety & Security

add emergency alert system	1	allo	25,000.00	25,000	28,138	36,423	2	1	4.5
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replace PA system	49,942	sqft	1.00	49,900	56,163	72,700	2	1	4.5
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**Technology Safety & Security Subtotal: 84,301 109,123**

**Technology & Safety Infrastructure Subtotal: 186,722 241,703**

**REMODELING SUBTOTAL: 2,015,175 2,608,548**

#### SITE WORK

##### Site Improvements

install poured rubber surfacing at select playground area	1	allo	100,000.00	100,000	112,551	145,692	1	2	3.2
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improve grading & drainage along north wall of gym/café addition	1	allo	25,000.00	25,000	28,138	28,138	1	1	3.2
--	---	------	-----------	--------	--------	--------	---	---	-----

install school name banner at top of sign	1	allo	10,000.00	10,000	11,255	11,255	1	2	3.2
---	---	------	-----------	--------	--------	--------	---	---	-----

upgrade playground equipment	1	allo	400,000.00	400,000	450,204	582,767	1	2	3.2
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upgrade playground surface / drainage	1	allo	200,000.00	200,000	225,102	291,384	1	2	3.2
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**Site Improvement Subtotal: 827,249 1,059,235**

**SITE WORK SUBTOTAL: 827,249 1,059,235**

#### INSTRUCTIONAL TECHNOLOGY

##### Computers and Mobile Devices

purchase staff devices	18	ea	1,000.00	18,000	20,259	20,259	4	3	5.2
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purchase student devices	235	ea	350.00	82,100	92,404	92,404	4	3	5.2
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##### Audiovisual

interactive displays and classroom sound	2	ea	10,000.00	15,000	16,883	21,854	4	2	5.3
--	---	----	-----------	--------	--------	--------	---	---	-----

replace 2015 Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	4	2	5.3
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**INSTRUCTIONAL TECHNOLOGY SUBTOTAL: 157,684 170,940**

#### FURNITURE, FURNISHINGS AND EQUIPMENT

##### Non-Instructional Equipment

purchase replacement printer/copiers (2028)	4	allo	12,000.00	48,000	54,024	54,024	4	2	5.1
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**Non-Instructional Equipment Subtotal: 54,024 54,024**

##### Furniture, Furnishings & Equipment (FFE)

purchase new classroom furniture (building-wide)	49,942	sqft	5.00	249,710	281,051	363,807	4	1	6.1
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**F, F, & E Subtotal: 281,051 363,807**

**F, F, & E SUBTOTAL: 335,075 417,831**

**PROJECT TOTAL: 3,335,183 4,256,554**

Construction Contingency: 312,910

Permits / General Conditions: 103,260

Design Consultants: 239,306

C.M. Costs: 265,895

**BUILDING TOTAL: 4,256,554**

#### Notes:

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

Siebert Elementary

Project No. [n] 5

Current Grade Structure     K-5      
 Proposed Grade Structure   preK-5  

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	11	20	220
(3-5) Upper Elementary	11	25	275
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>22</b>		<b>495</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Total</b>	<b>22</b>		<b>495</b>

Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

Projected 5-Year Enrollment     452    

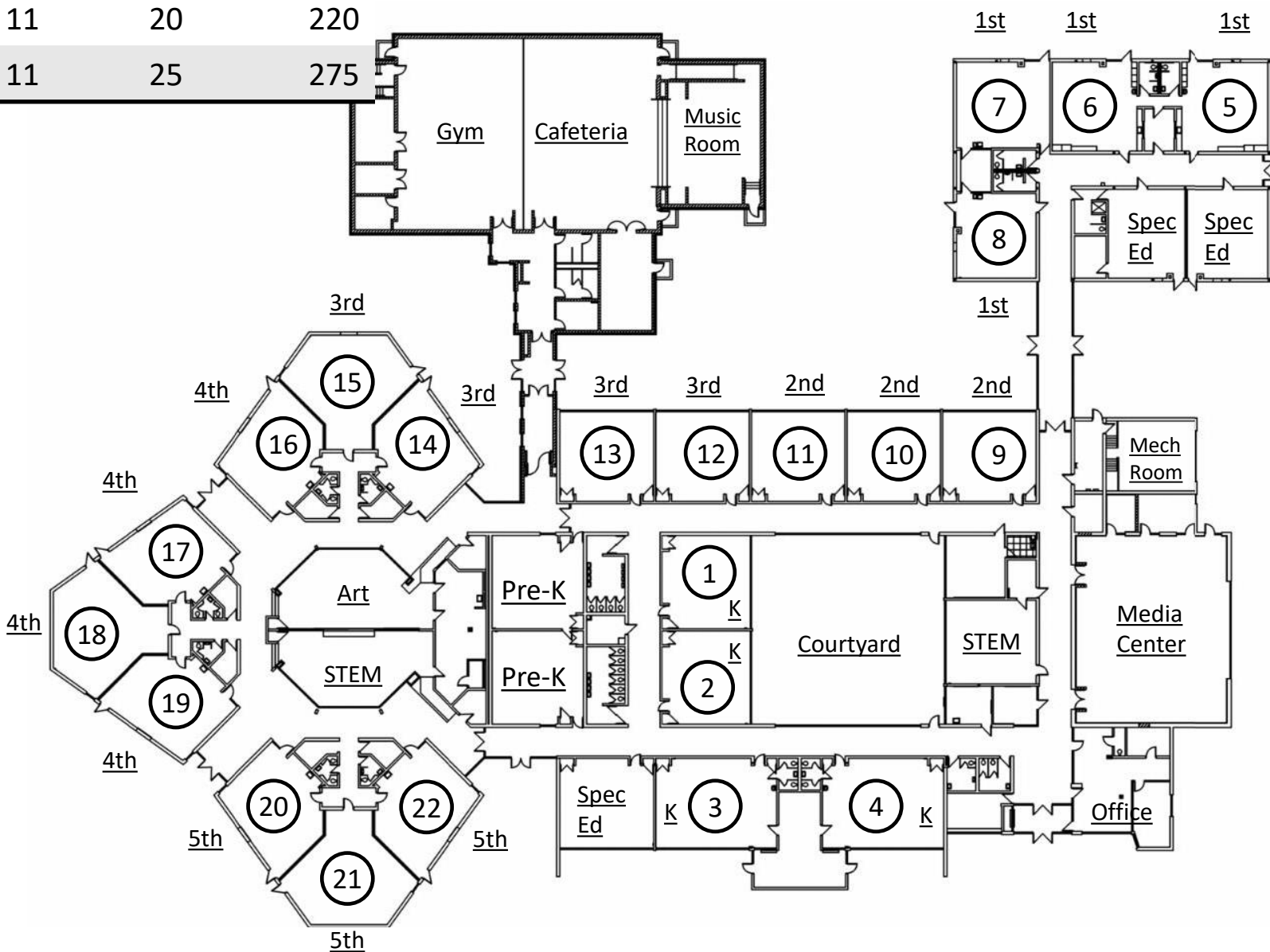
Utilization Percentage     91%    

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

# Sibert Elementary – CR Summary

Grade Level	No. of Rooms	Capacity per room	Total (students)
K-2	11	20	220
3-5	11	25	275





# Project Sheet

Woodcrest Elementary				Project No. [n]	6
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
<i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i>	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

## Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	2,209,132	0	0	0	2,209,132
Construction Contingencies	325,023	0	0	48,014	373,037
Instructional Technology	0	0	0	331,012	331,012
Loose Furnishing/Equipment	0	0	0	342,830	342,830
Buses					0
Site Work	1,041,096	0	0	0	1,041,096
Site Acquisition					0
Architectural Fees and Costs	248,569	0	0	36,720	285,289
CM Fees and Costs	383,446	0	0	56,645	440,090
<b>Estimated Costs</b>	<b>4,207,266</b>	<b>0</b>	<b>0</b>	<b>815,221</b>	<b>5,022,487</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature

12/6/2024

Date

French Associates 130103304

Firm Name and License Number

Dale Jerome

Printed Name

dalej@frenchaia.com

E-mail Address

248-656-1377

Phone Number

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: K-5

enrollment: 585

## Woodcrest Elementary School

Year Built: 1969

teaching stations:

5500 Drake Street, Midland, MI

Building Size: 51,314

capacity:

### Building Project Work List

Site Size: 16.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Envelope</b>											
		replace soffit and fascia	1	lpsm	100,000.00	100,000	112,551	145,692	1	1	1.1
							<b>Exterior Work Subtotal:</b>	<b>112,551</b>	<b>145,692</b>		
<b>Interior Work</b>											
		replace select interior doors	5	each	2,000.00	10,000	11,255	14,569	1	1	1.1
		upgrade select glazing to impact resistant	51,314	sqft	0.75	38,486	43,316	56,070	1	1	1.1
		replace casework (wall & base cabinets)	220	lnft	400.00	88,000	99,045	128,209	1	2	2.1
		remodel for preK - replace finishes and make compliant for preK use	5,500	sqft	150.00	825,000	928,545	1,201,957	1	2	2.1
							<b>Interior Work Subtotal:</b>	<b>1,082,160</b>	<b>1,400,805</b>		
<b>Mechanical Systems</b>											
<b>Plumbing Work</b>											
		replace sanitary drain piping	1	allo	100,000.00	100,000	112,551	145,692	1	1	1.1
		replace domestic water heater	1	each	15,000.00	15,000	16,883	21,854	1	1	1.1
<b>HVAC System</b>											
		replace roof mounted air cooled chiller (70 tons)	1	each	350,000.00	350,000	393,928	509,921	1	1	1.1
		replace chilled water pumps (3HP)	2	each	15,000.00	30,000	33,765	43,708	1	1	1.1
		replace indoor AHUs (2400 cfm, 2400 cfm, 600 cfm, 1,400 cfm, & 3800 cfm)	5	each	35,000.00	175,000	196,964	254,961	1	1	1.1
		improve gym dehumidification	1	lot	75,000.00	75,000	84,413	109,269	1	1	1.1
							<b>Mechanical Systems Subtotal:</b>	<b>838,504</b>	<b>1,085,404</b>		
							<b>Construction Subtotal:</b>	<b>2,033,215</b>	<b>2,631,901</b>		
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	5,000.00	5,000	5,628	7,285	1	2	5.1
		network and wireless infrastructure (2027)	1	allo	68,000.00	68,000	76,535	99,070	1	2	5.1
		replace UPSs (2025)	2	each	3,000.00	6,000	6,753	8,742	1	2	5.1
							<b>Technology Infrastructure Subtotal:</b>	<b>88,915</b>	<b>115,096</b>		
<b>Technology Safety &amp; Security</b>											
		add emergency alert system	1	allo	26,000.00	26,000	29,263	37,880	1	1	4.5
		replace PA system	51,314	sqft	1.00	51,300	57,739	74,740	1	1	4.5
							<b>Technology Safety &amp; Security Subtotal:</b>	<b>87,002</b>	<b>112,620</b>		
							<b>Technology &amp; Safety Infrastructure Subtotal:</b>	<b>175,917</b>	<b>227,716</b>		
							<b>REMODELING SUBTOTAL:</b>	<b>2,209,132</b>	<b>2,859,617</b>		
<b>SITE WORK</b>											
<b>Site Paving</b>											
		add staff parking area at south side of building	1	allo	125,000.00	125,000	140,689	182,115	1	1	1.1
		replace hard surface play area (basketball court)	1	allo	25,000.00	25,000	28,138	36,423	1	1	1.1
							<b>Site Paving Subtotal:</b>	<b>168,826</b>	<b>218,538</b>		
<b>Site Improvements</b>											
		install poured rubber surfacing at select playground area	1	allo	100,000.00	100,000	112,551	145,692	1	2	3.2
		improve grading near play areas	1	allo	50,000.00	50,000	56,275	72,846	1	1	3.2
		improve drainage at soccer field	1	allo	25,000.00	25,000	28,138	36,423	1	1	3.2
		upgrade playground equipment	1	allo	400,000.00	400,000	450,204	582,767	1	2	3.2
		upgrade playground surface / drainage	1	allo	200,000.00	200,000	225,102	291,384	1	2	3.2
							<b>Site Improvement Subtotal:</b>	<b>872,269</b>	<b>1,129,111</b>		
							<b>SITE WORK SUBTOTAL:</b>	<b>1,041,096</b>	<b>1,347,649</b>		
<b>INSTRUCTIONAL TECHNOLOGY</b>											
<b>Computers and Mobile Devices</b>											
		purchase staff devices	44	ea	1,000.00	44,000	49,522	49,522	4	3	5.2
		purchase student devices	229	ea	350.00	80,100	90,153	90,153	4	3	5.2
<b>Audiovisual</b>											
		interactive displays and classroom sound	15	ea	10,000.00	145,000	163,199	211,253	4	2	5.3
		replace 2015 Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	4	2	5.3
							<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>	<b>331,012</b>	<b>387,352</b>		

**MIDLAND PUBLIC SCHOOLS**

Facility Condition Assessment (FCA)

Grades: K-5

enrollment: 585

**Woodcrest Elementary School**

Year Built: 1969

teaching stations:

5500 Drake Street, Midland, MI

Building Size: 51,314

capacity:

**Building Project Work List**

Site Size: 16.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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**FURNITURE, FURNISHINGS AND EQUIPMENT**

**Non-Instructional Equipment**

		purchase replacement printer/copiers (2028)	4	allo	12,000.00	48,000	54,024	54,024	4	2	5.1
<b>Non-Instructional Equipment Subtotal:</b>							<b>54,024</b>	<b>54,024</b>			

**Furniture, Furnishings & Equipment (FFE)**

		purchase new classroom furniture (building-wide)	51,314	sqft	5.00	256,600	288,806	373,845	4	1	6.1
<b>F,F,&amp;E Subtotal:</b>							<b>288,806</b>	<b>373,845</b>			
<b>F, F, &amp; E SUBTOTAL:</b>							<b>342,830</b>	<b>427,870</b>			

**PROJECT TOTAL: 3,924,070 5,022,487**

Construction Contingency: 373,037

Permits / General Conditions: 123,102

Design Consultants: 285,289

C.M. Costs: 316,988

**BUILDING TOTAL: 5,022,487**

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

Woodcrest Elementary

Project No. [n] 6

Current Grade Structure     K-5      
 Proposed Grade Structure   preK-5  

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	11	20	220
(3-5) Upper Elementary	11	25	275
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>22</b>		<b>495</b>

Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>

<b>Total</b>	<b>22</b>		<b>495</b>
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Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

Projected 5-Year Enrollment     451    

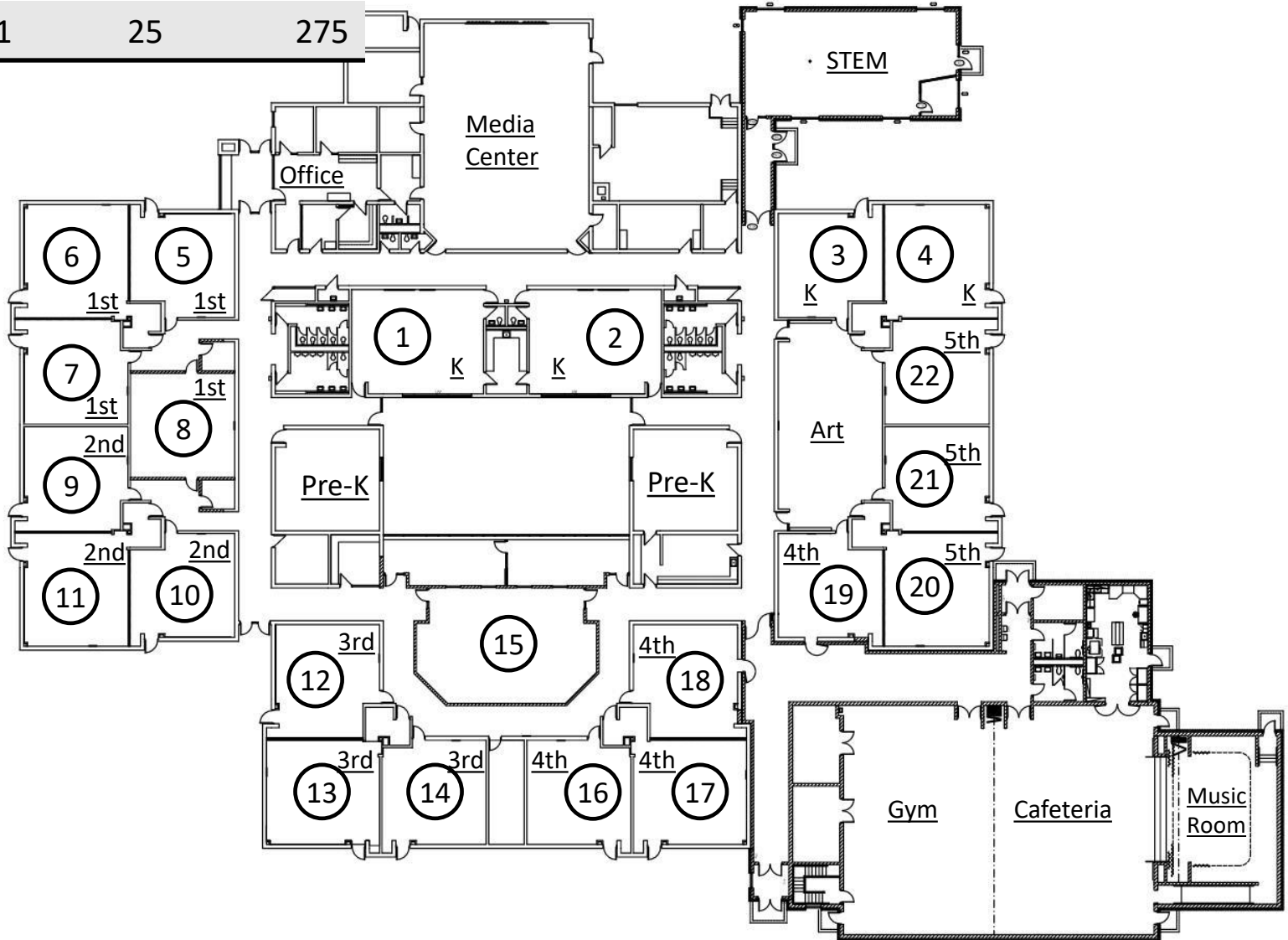
Utilization Percentage     91%    

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

# Woodcrest Elementary – CR Summary

Grade Level	No. of Rooms	Capacity per room	Total (students)
K-2	11	20	220
3-5	11	25	275



# Project Sheet

New Elementary					Project No. [n]	7
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>	
<i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i>	New stand-alone bldg	<input checked="" type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg		
	New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition		
	Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling		
	Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.		
	Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.		
	Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses		
	<input checked="" type="checkbox"/> Site work	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work		
	Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)		
	Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition		

## Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	85000	Cost per Sq Ft	\$	439
New Addition Square Ft.	n/a	Cost per Sq Ft		n/a

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted		<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	1.	2.	3.	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	37,310,617	0	0	37,310,617
Remodeling	0	0	0	0	0
Construction Contingencies	51,233	3,954,453	0	0	4,005,686
Instructional Technology	0	669,228	0	0	669,228
Loose Furnishing/Equipment	0	532,366	0	0	532,366
Buses					0
Site Work	512,332	1,401,033	0	0	1,913,365
Site Acquisition		1,266,197			1,266,197
Architectural Fees and Costs	39,182	3,024,267	0	0	3,063,448
CM Fees and Costs	60,442	4,665,266	0	0	4,725,708
<b>Estimated Costs</b>	<b>663,189</b>	<b>52,823,426</b>	<b>0</b>	<b>0</b>	<b>53,486,615</b>

## Signature by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature	Date	Firm Name and License Number
	12/6/2024	French Associates 130103304
Printed Name	E-mail Address	Phone Number
Dale Jerome	dalej@frenchaia.com	248-656-1377

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: K-5

enrollment: 585

## New Elementary School

Year Built: 2028

teaching stations:

Location TBD

Building Size: 85,000

capacity:

### Building Project Work List

Site Size: 15.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>NEW CONSTRUCTION</b>											
		new elementary building	85,000	sqft	385.00	32,725,000	36,832,276	47,677,631	2	1	7.1
		purchase land	15	acre	75,000.00	1,125,000	1,266,197	1,266,197	2	1	7.1
		tech infrastructure for new building	85,000	sqft	5.00	425,000	478,341	619,190	2	2	7.1
						<b>170,015</b>	<b>sqft</b>	<b>SUBTOTAL:</b>	<b>38,576,814</b>	<b>49,563,019</b>	
<b>SITE WORK</b>											
<b>Site Improvements</b>											
		site work due to new construction - phase 1	1	lpsm	455,200.00	455,200	512,332	663,189	1	1	7.1
		site work due to new construction - phase 2	85,000	sqft	14.65	1,244,800	1,401,033	1,813,571	2	1	7.1
							<b>Site Improvement Subtotal:</b>	<b>1,913,365</b>	<b>2,476,760</b>		
							<b>SITE WORK SUBTOTAL:</b>	<b>1,913,365</b>	<b>2,476,760</b>		
<b>INSTRUCTIONAL TECHNOLOGY</b>											
<b>Computers and Mobile Devices</b>											
		purchase staff devices	44	ea	1,000.00	44,000	49,522	49,522	2	3	5.2
		purchase student devices	673	ea	350.00	235,600	265,170	265,170	2	3	5.2
<b>Audiovisual</b>											
		interactive displays and classroom sound	29	ea	10,000.00	290,000	326,398	422,506	2	2	5.3
		new Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	2	2	5.3
							<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>	<b>669,228</b>	<b>773,621</b>		
<b>FURNITURE, FURNISHINGS AND EQUIPMENT</b>											
<b>Non-Instructional Equipment</b>											
		purchase replacement printer/copiers (2028)	4	allo	12,000.00	48,000	54,024	54,024	2	2	5.1
							<b>Non-Instructional Equipment Subtotal:</b>	<b>54,024</b>	<b>54,024</b>		
<b>Furniture, Furnishings &amp; Equipment (FFE)</b>											
		purchase new classroom furniture (building-wide)	85,000	sqft	5.00	425,000	478,341	619,190	2	1	6.1
							<b>F,F,&amp;E Subtotal:</b>	<b>478,341</b>	<b>619,190</b>		
							<b>F, F, &amp; E SUBTOTAL:</b>	<b>532,366</b>	<b>673,214</b>		
							<b>PROJECT TOTAL:</b>	<b>41,691,773</b>	<b>53,486,615</b>		
							Construction Contingency:	4,005,686			
							Permits / General Conditions:	1,321,876			
							Design Consultants:	3,063,448			
							C.M. Costs:	3,403,832			
							<b>BUILDING TOTAL:</b>	<b>53,486,615</b>			
<b>Notes:</b>											
Indirect Costs include; contingency, general conditions & professional fees											

# Building Utilization

## School Building Name

**New Elementary**

**Project No. [n] 7**

**Current Grade Structure**     K-5      
**Proposed Grade Structure**   preK-5  

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

<b>Existing</b>	<b>List # of Teaching Stations</b>	<b>Capacity Factor</b>	<b>Capacity</b>
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Proposed New</b>	<b>List # of Teaching Stations</b>	<b>Capacity Factor</b>	<b>Capacity</b>
(K-2) Lower Elementary	15	20	300
(3-5) Upper Elementary	12	25	300
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>27</b>		<b>600</b>
<b>Total</b>	<b>27</b>		<b>600</b>

<b>Facility to be Closed</b>	<b>List # of Teaching Stations</b>	<b>Capacity Factor</b>	<b>Capacity</b>
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

**Projected 5-Year Enrollment**     590    

**Utilization Percentage**     98%    

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

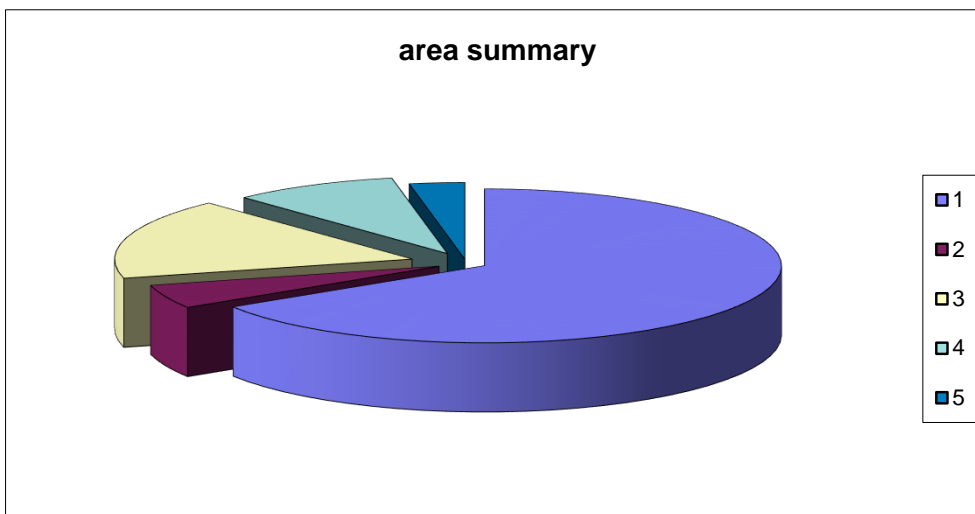


# Program Summary for New preK-5 Elementary School - 600 Student

Midland Public Schools

Midland, Michigan

600 planned students, grades preK-5		CAPACITY students	NET SQUARE FEET total	GROSSING factor	GROSS SQUARE FEET total
<b>A. Area Summary</b>					
1.	Total area		<b>62,963 nsf</b>	<b>1.35</b>	<b>85,000 gsf</b>
<b>B. Capacity Summary</b>					
1.	K-2 Teaching Stations (TS)	15			
2.	Capacity Factor/TS	20	300 students		
3.	3-5 Teaching Stations (TS)	12			
4.	Capacity Factor/TS	25	300 students		
5.	Effective Student Capacity		<b>600 students</b>		
<b>C. Area Analysis</b>					
1.	Square feet per student: Planned		600 students		<b>142 gsf</b>
<b>D. Estimated Building Area Allocation</b>					
1.	<b>Learning/Academic</b>	66%			56,100 gsf
2.	<b>Admin/Staff Support</b>	5%			4,250 gsf
3.	<b>Community/Stakeholder</b>	17%			14,450 gsf
4.	<b>Media/Tech</b>	9%			7,650 gsf
5.	<b>Facility support</b>	3%			2,550 gsf
	<b>Total GSF</b>	<b>100%</b>			<b>85,000 gsf</b>
<b>E. Estimated Area Chart</b>					



# Project Sheet

<b>Jefferson Middle</b>				<b>Project No. [n]</b>	<b>8</b>
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input checked="" type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input checked="" type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

## Construction Cost Per Square Foot

<b>New Stand-Alone Construction Square Ft</b>	<u>          n/a          </u>	<b>Cost per Sq Ft</b>	<u>          n/a          </u>
<b>New Addition Square Ft.</b>	<u>          14200          </u>	<b>Cost per Sq Ft</b>	<u>      \$          466      </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>  1.                          </u>	<u>  2.                          </u>	<u>  3.                          </u>	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	225,102	6,392,890	0	0	<b>6,617,992</b>
Remodeling	2,407,688	6,474,746	0	0	<b>8,882,434</b>
Construction Contingencies	478,948	1,389,323	0	0	<b>1,868,271</b>
Instructional Technology	0	616,666	0	0	<b>616,666</b>
Loose Furnishing/Equipment	0	672,188	0	0	<b>672,188</b>
Buses					<b>0</b>
Site Work	2,156,685	0	0	0	<b>2,156,685</b>
Site Acquisition					<b>0</b>
Architectural Fees and Costs	366,287	1,062,520	0	0	<b>1,428,807</b>
CM Fees and Costs	565,038	1,639,054	0	0	<b>2,204,093</b>
<b>Estimated Costs</b>	<b>6,199,749</b>	<b>18,247,387</b>	<b>0</b>	<b>0</b>	<b>24,447,135</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature

12/6/2024

Date

French Associates 130103304

Firm Name and License Number

Dale Jerome

Printed Name

dalej@frenchaia.com

E-mail Address

248-656-1377

Phone Number

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 6-8

enrollment: 898

## Jefferson Middle School

800 W. Chapel Lane, Midland, MI

Year Built: 1963

teaching stations:

### Building Project Work List

Building Size: 112,246

capacity:

Site Size: 22.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>NEW CONSTRUCTION</b>											
		add athletic storage building	1,000	sqft	200.00	200,000	225,102	291,384	1	2	3.5
		build cafeteria addition	8,400	sqft	400.00	3,360,000	3,781,710	4,895,243	2	3	7.1
		build programming addition	5,800	sqft	400.00	2,320,000	2,611,180	3,380,049	2	3	7.1
			<b>15,200</b>	<b>sqft</b>		<b>SUBTOTAL:</b>	<b>6,617,992</b>	<b>8,566,676</b>			
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Roofing</b>											
		replace roof	112,246	sqft	15.00	1,683,700	1,895,019	2,453,012	2	1	1.1
						<b>Exterior Work Subtotal:</b>	<b>1,895,019</b>	<b>2,453,012</b>			
<b>Interior Work</b>											
		upgrade select glazing to impact resistant	112,246	sqft	0.75	84,185	94,750	122,650	2	1	1.1
		install walk-off carpeting at building entries	500	sqft	10.00	5,000	5,628	7,285	2	2	1.1
		remove (abate) flooring in classrooms	35,000	each	4.00	140,000	157,571	203,968	2	1	1.1
		replace flooring in classrooms that have original 8x8 VCT	35,000	each	9.00	315,000	354,535	458,929	2	1	1.1
		replace select interior doors	30	each	1,500.00	45,000	50,648	65,561	2	1	1.1
		remodel for programming - replace finishes and reconfigure	5,500	sqft	100.00	550,000	619,030	801,305	2	2	3.1
		remodel art rooms - replace finishes	2	each	105,000.00	210,000	236,357	305,953	2	2	3.1
		remodel band room - replace finishes	1	allo	99,843.20	99,843	112,374	145,463	2	2	3.1
		remodel vocal room - replace finishes	1	allo	100,000.00	100,000	112,551	145,692	2	2	3.1
		renovate home ec room - replace finishes	1	allo	100,000.00	100,000	112,551	145,692	2	2	2.1
		remodel life 101 room - replace finishes	1	allo	100,000.00	100,000	112,551	145,692	2	2	2.1
		remodel shop area for emerging CTE feeder programs - replace finishes	2,000	sqft	150.00	300,000	337,653	437,075	2	2	2.1
		provide (2) additional science classrooms (reno café to science rooms)	6,500	each	210.00	1,365,000	1,536,320	1,988,693	2	2	2.1
		remodel locker rooms - replace lockers and finishes	1	allo	300,000.00	300,000	337,653	437,075	2	1	3.5
		connection allowance for additions	14,200	sqft	25.00	355,000	399,556	517,206	2	3	7.1
						<b>Interior Work Subtotal:</b>	<b>4,579,727</b>	<b>5,928,238</b>			
<b>Mechanical Systems</b>											
<b>Plumbing Work</b>											
		replace sanitary drain piping	1	allo	100,000.00	100,000	112,551	145,692	1	1	1.1
		replace locker room showers/valves	40	each	2,000.00	80,000	90,041	116,553	1	1	1.1
<b>HVAC System</b>											
		replace air handler units (AHU), 2000 to 6000 cfm each	23	each	45,000.00	1,035,000	1,164,902	1,507,910	1	1	1.1
		replace H&V units (1,500 to 12,000 cfm each)	12	each	36,000.00	432,000	486,220	629,388	1	1	1.1
		replace Carrier rooftop units (RTU) in old shop, 10 tons	2	each	40,000.00	80,000	90,041	116,553	1	1	1.1
<b>Integrated Automation</b>											
		upgrade temp controls for equipment replacement	1	allo	50,000.00	50,000	56,275	72,846	1	1	1.1
						<b>Mechanical Systems Subtotal:</b>	<b>2,000,029</b>	<b>2,588,943</b>			
						<b>Construction Subtotal:</b>	<b>8,474,775</b>	<b>10,970,194</b>			
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	25,000.00	25,000	28,138	36,423	1	2	5.1
		network and wireless infrastructure (2027)	1	allo	149,000.00	149,000	167,701	217,081	1	2	5.1
		replace UPSs (2025)	3	each	3,000.00	9,000	10,130	13,112	1	2	5.1
						<b>Technology Infrastructure Subtotal:</b>	<b>205,968</b>	<b>266,616</b>			
<b>Technology Safety &amp; Security</b>											
		add emergency alert system	1	allo	67,000.00	67,000	75,409	97,613	1	1	4.5
		replace PA system	112,246	sqft	1.00	112,200	126,282	163,466	1	1	4.5
						<b>Technology Safety &amp; Security Subtotal:</b>	<b>201,691</b>	<b>261,080</b>			
						<b>Technology &amp; Safety Infrastructure Subtotal:</b>	<b>407,659</b>	<b>527,696</b>			
						<b>REMODELING SUBTOTAL:</b>	<b>8,882,434</b>	<b>11,497,889</b>			

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 6-8

enrollment: 898

## Jefferson Middle School

Year Built: 1963

teaching stations:

800 W. Chapel Lane, Midland, MI

Building Size: 112,246

capacity:

### Building Project Work List

Site Size: 22.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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#### SITE WORK

Site Paving											
		add service drive to back of band room	1	allo	74,987.00	74,987	84,399	109,250	1	1	1.1
		replace concrete sidewalk	1,400	sqft	8.00	11,200	12,606	16,317	1	1	1.1
<b>Site Paving Subtotal:</b>							<b>97,004</b>	<b>125,567</b>			

Site Improvements											
		redevelop football field/stadium area (rotate to N/S axis)	1	allo	600,000.00	600,000	675,305	874,151	1	2	3.5
		install new 6-lane track	1	allo	300,000.00	300,000	337,653	437,075	1	2	3.5
		relocate score board	1	allo	25,000.00	25,000	28,138	36,423	1	2	3.5
		install new slab mounted grandstands (400 seats)	400	each	150.00	60,000	67,531	87,415	1	2	3.5
		adjust field/backstop of baseball diamond to allow for new stadium area	1	allo	50,000.00	50,000	56,275	72,846	1	2	3.5
		clear trees for new stadium area	1	allo	15,000.00	15,000	16,883	21,854	1	2	3.5
		stormwater allowance for athletic improvements	1	allo	50,000.00	50,000	56,275	72,846	1	2	3.5
		resurface tennis courts for basketball	1	lpsm	20,000.00	20,000	22,510	29,138	1	2	3.5
		site work due to new construction	14,200	sqft	50.00	710,000	799,111	1,034,412	1	3	7.1
<b>Site Improvement Subtotal:</b>							<b>2,059,681</b>	<b>2,666,159</b>			
<b>SITE WORK SUBTOTAL:</b>							<b>2,156,685</b>	<b>2,791,727</b>			

#### INSTRUCTIONAL TECHNOLOGY

Computers and Mobile Devices											
		purchase staff devices	75	ea	1,000.00	75,000	84,413	84,413	2	3	5.2
		purchase student devices	351	ea	350.00	122,900	138,325	138,325	2	3	5.2
Audiovisual											
		interactive displays and classroom sound	25	ea	10,000.00	250,000	281,377	364,229	2	3	5.3
		replace 2015 Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	2	3	5.3
		little theatre / auditorium AV	1	allo	75,000.00	75,000	84,413	109,269	2	2	5.3
<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>							<b>616,666</b>	<b>732,659</b>			

#### FURNITURE, FURNISHINGS AND EQUIPMENT

Non-Instructional Equipment											
		purchase replacement printer/copiers (2028)	3	allo	12,000.00	36,000	40,518	40,518	2	2	5.1
<b>Non-Instructional Equipment Subtotal:</b>							<b>40,518</b>	<b>40,518</b>			
Furniture, Furnishings & Equipment (FFE)											
		purchase new classroom furniture (building-wide)	112,246	sqft	5.00	561,230	631,669	817,666	2	1	6.1
<b>F, F, &amp; E Subtotal:</b>							<b>631,669</b>	<b>817,666</b>			
<b>F, F, &amp; E SUBTOTAL:</b>							<b>672,188</b>	<b>858,184</b>			

		<b>PROJECT TOTAL:</b>	<b>18,945,965</b>	<b>24,447,135</b>							
		Construction Contingency:	1,868,271								
		Permits / General Conditions:	616,529								
		Design Consultants:	1,428,807								
		C.M. Costs:	1,587,563								
		<b>BUILDING TOTAL:</b>	<b>24,447,135</b>								

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

Jefferson Middle

Project No. [n] 8

**Current Grade Structure** 6-8  
**Proposed Grade Structure** 6-8

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	38	22.5	855
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>38</b>		<b>855</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Total</b>	<b>38</b>		<b>855</b>

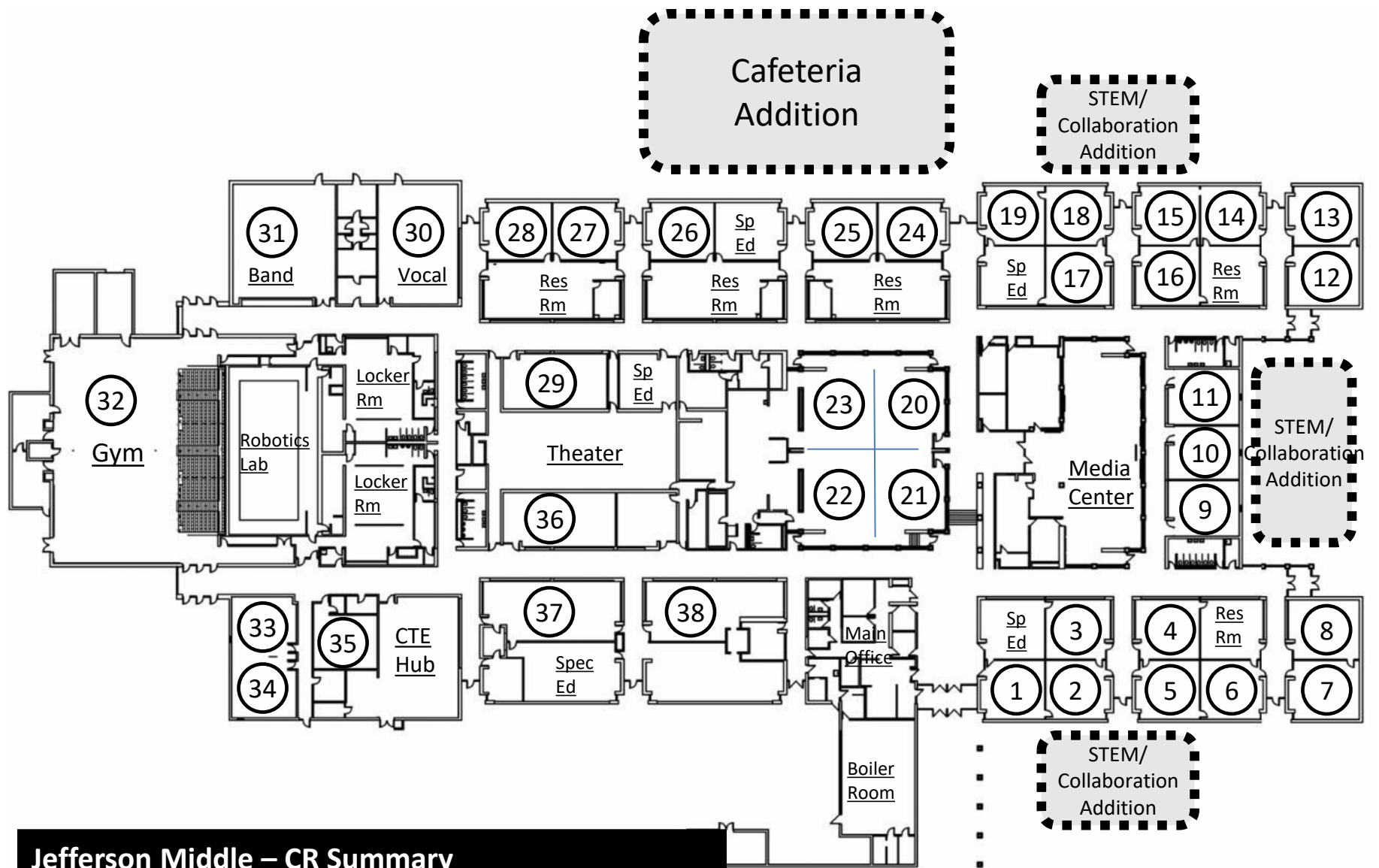
Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

**Projected 5-Year Enrollment** 813

**Utilization Percentage** 95%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



### Jefferson Middle – CR Summary

Grade Levels	No. of Rooms	Capacity per room	Total (students)
6-8	38	22.5	855

# Project Sheet

Northeast Middle				Project No. [n]	9
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input checked="" type="checkbox"/> New stand-alone bldg	<input checked="" type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input checked="" type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input checked="" type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

### Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	135000	Cost per Sq Ft	\$ 441
New Addition Square Ft.	n/a	Cost per Sq Ft	n/a

### Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	1.	2.	3.	

### Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	54,391,150	5,109,844	59,500,994
Remodeling	0	0	0	0	0
Construction Contingencies	0	0	5,651,029	844,571	6,495,599
Instructional Technology	0	0	0	644,129	644,129
Loose Furnishing/Equipment	0	0	0	827,249	827,249
Buses					0
Site Work	0	0	2,119,136	2,154,078	4,273,213
Site Acquisition					0
Architectural Fees and Costs	0	0	4,321,765	645,906	4,967,672
CM Fees and Costs	0	0	6,666,801	996,382	7,663,183
<b>Estimated Costs</b>	<b>0</b>	<b>0</b>			<b>84,372,039</b>

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature	Date	Firm Name and License Number
Dale Jerome	12/6/2024	French Associates 130103304
Printed Name	E-mail Address	Phone Number
Dale Jerome	dalej@frenchaia.com	248-656-1377

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 6-8

enrollment: \$ 857

## Northeast Middle School

1305 E. Sugnet Road, Midland, MI

Year Built: 1950

teaching stations:

Building Size: 135,000

capacity:

Site Size: 13.0

1.126

Date: 11/15/24

### Building Project Work List

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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#### NEW CONSTRUCTION

		new middle school - phase 1	125,522	sqft	385.00	48,325,832	54,391,150	70,406,760	3	3	7.1
		new middle school - phase 2	9,478	sqft	385.00	3,649,030	4,107,015	5,316,336	4	3	7.1
		tech infrastructure for new building	135,000	lpsm	5.00	675,000	759,718	983,419	4	1	5.1
		add emergency alert system	1	allo	81,000.00	81,000	91,166	118,010	4	1	4.5
		replace PA system	135,000	sqft	1.00	135,000	151,944	196,684	4	1	4.5
						<b>405,001</b>	<b>sqft</b>	<b>SUBTOTAL:</b>	<b>59,500,994</b>	<b>77,021,210</b>	

#### SITE WORK

##### Site Improvements

		building demolition	147,638	sqft	12.00	1,771,700	1,994,064	2,581,221	4	2	3.5
		install new nets at tennis courts - INCLUDED ABOVE	8	each	0.00	0	0	0	4	2	3.5
		add basketball courts at tennis area	10,000	sqft	0.00	0	0	0	4	2	3.5
		site work due to new construction - phase 1	125,522	sqft	15.00	1,882,825	2,119,136	2,743,121	3	3	7.1
		site work due to new construction - phase 2	9,478	sqft	15.00	142,170	160,014	207,130	4	3	7.1

**Site Improvement Subtotal: 4,273,213 5,531,472**

**SITE WORK SUBTOTAL: 4,273,213 5,531,472**

#### INSTRUCTIONAL TECHNOLOGY

##### Computers and Mobile Devices

		purchase staff devices	80	ea	1,000.00	80,000	90,041	90,041	4	3	5.2
		purchase student devices	335	ea	350.00	117,300	132,022	132,022	4	3	5.2

##### Audiovisual

		interactive displays and classroom sound	28	ea	10,000.00	275,000	309,515	400,652	4	2	5.3
		new Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	4	2	5.3
		little theatre / auditorium AV	1	allo	75,000.00	75,000	84,413	109,269	4	2	5.3

**INSTRUCTIONAL TECHNOLOGY SUBTOTAL: 644,129 768,407**

#### FURNITURE, FURNISHINGS AND EQUIPMENT

##### Non-Instructional Equipment

		purchase replacement printer/copiers (2028)	5	allo	12,000.00	60,000	67,531	67,531	4	2	5.1
--	--	---	---	------	-----------	--------	--------	--------	---	---	-----

**Non-Instructional Equipment Subtotal: 67,531 67,531**

##### Furniture, Furnishings & Equipment (FFE)

		purchase new classroom furniture (building-wide)	135,000	sqft	5.00	675,000	759,718	983,419	4	1	6.1
--	--	--	---------	------	------	---------	---------	---------	---	---	-----

**F, F, & E Subtotal: 759,718 983,419**

**F, F, & E SUBTOTAL: 827,249 1,050,950**

**PROJECT TOTAL: 65,245,585 84,372,039**

Construction Contingency: 6,495,599

Permits / General Conditions: 2,143,548

Design Consultants: 4,967,672

C.M. Costs: 5,519,635

**BUILDING TOTAL: 84,372,039**

#### Notes:

Indirect Costs include; contingency, general conditions & professional fees



# Building Utilization

## School Building Name

Northeast Middle

Project No. [n] 9

**Current Grade Structure** 6-8  
**Proposed Grade Structure** 6-8

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	45	22.5	1,013
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>45</b>		<b>1,013</b>
<b>Total</b>	<b>45</b>		<b>1012.5</b>

Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	45	22.5	1,013
(9-12) High School	0	21.25	0
<b>Total</b>	<b>45</b>		<b>1012.5</b>

**Projected 5-Year Enrollment** 978

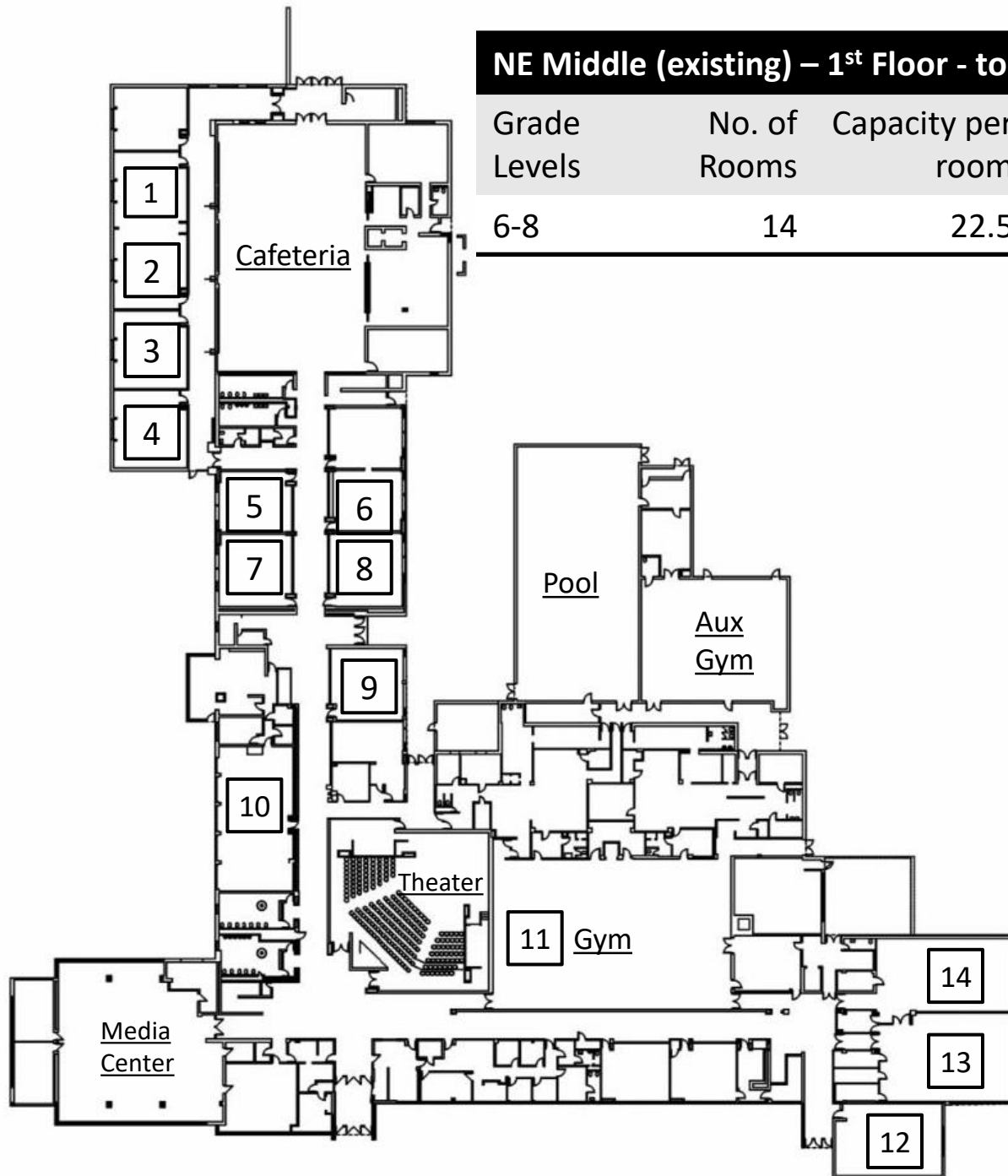
**Utilization Percentage** 97%

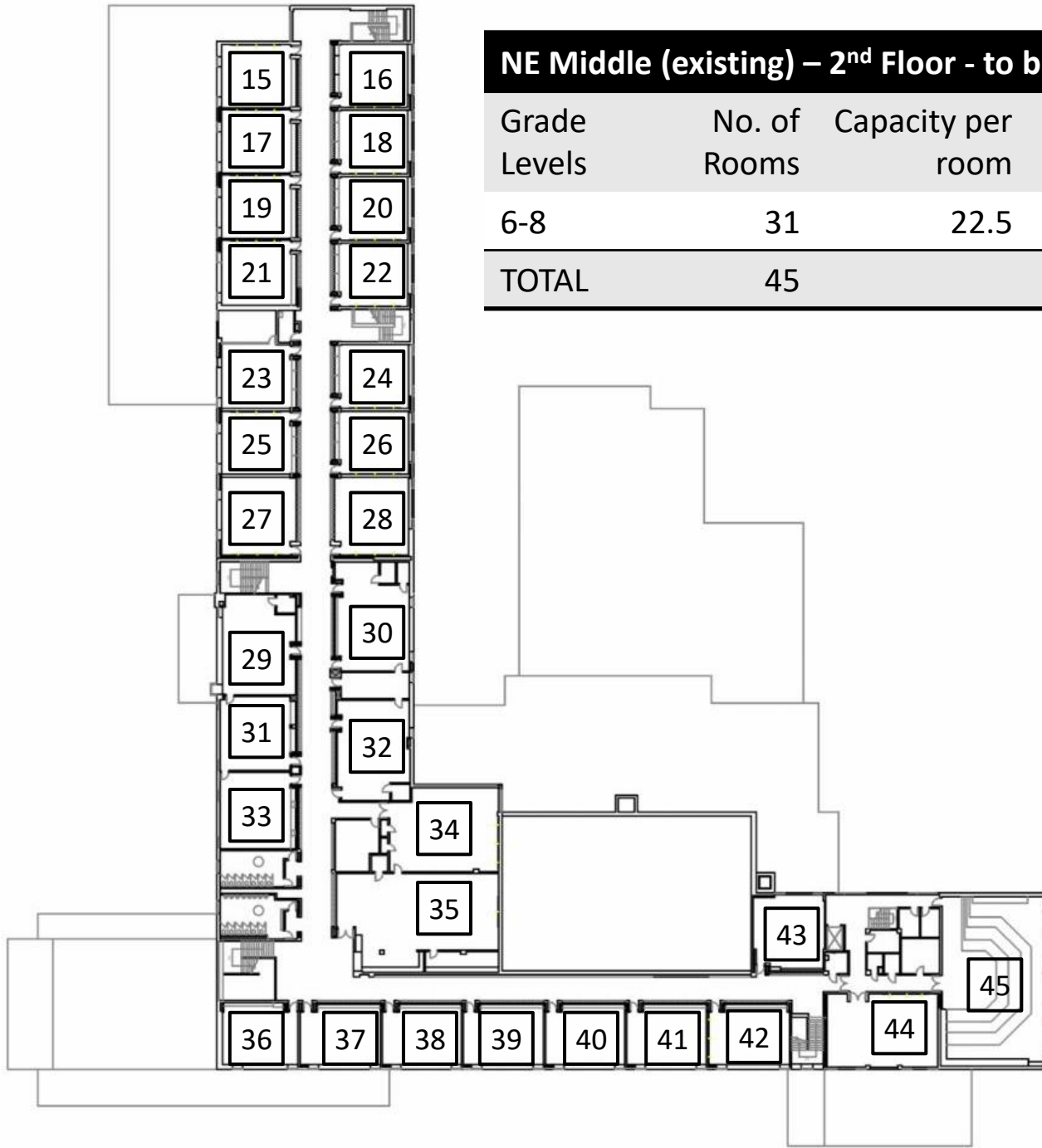
(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

## NE Middle (existing) – 1<sup>st</sup> Floor - to be demolished

Grade Levels	No. of Rooms	Capacity per room	Total (students)
6-8	14	22.5	315





### NE Middle (existing) – 2<sup>nd</sup> Floor - to be demolished

Grade Levels	No. of Rooms	Capacity per room	Total (students)
6-8	31	22.5	698
<b>TOTAL</b>	<b>45</b>		<b>1,013</b>

# Project Sheet

<b>Dow High</b>				<b>Project No. [n]</b>	<b>10</b>
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
	<input checked="" type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

### Construction Cost Per Square Foot

<b>New Stand-Alone Construction Square Ft</b>	9200	<b>Cost per Sq Ft</b>	\$ 526
<b>New Addition Square Ft.</b>	n/a	<b>Cost per Sq Ft</b>	n/a

### Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	1.	2.	3.	

### Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	4,839,688	0	0	0	4,839,688
Remodeling	0	0	0	14,840,815	14,840,815
Construction Contingencies	1,480,055	0	0	1,813,351	3,293,407
Instructional Technology	0	0	0	1,389,328	1,389,328
Loose Furnishing/Equipment	0	0	0	2,337,142	2,337,142
Buses					0
Site Work	9,960,866	0	0	0	9,960,866
Site Acquisition					0
Architectural Fees and Costs	1,131,909	0	0	1,386,806	2,518,715
CM Fees and Costs	1,746,095	0	0	2,139,301	3,885,397
<b>Estimated Costs</b>	<b>19,158,613</b>	<b>0</b>	<b>0</b>	<b>23,906,743</b>	<b>43,065,357</b>

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature	Date	Firm Name and License Number
	12/6/2024	French Associates 130103304
Printed Name	E-mail Address	Phone Number
Dale Jerome	dalej@frenchaia.com	248-656-1377

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 9-12

enrollment: 1,282

## H.H. Dow High School

Year Built: 1967

teaching stations:

3901 N. Saginaw Road, Midland, MI

Building Size: 276,104

capacity:

### Building Project Work List

Site Size: 67.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>NEW CONSTRUCTION</b>											
		build restroom, concession, storage facility for athletic complex	8,000	sqft	500.00	4,000,000	4,502,035	5,827,671	1	2	7.1
		build band tower/storage building with press box	1,200	sqft	250.00	300,000	337,653	437,075	1	2	7.1
			<b>9,200</b>	<b>sqft</b>		<b>SUBTOTAL:</b>	<b>4,839,688</b>	<b>6,264,746</b>			
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Roofing</b>											
		replace roofing	237,846	sqft	15.00	3,567,690	4,015,467	5,197,831	4	1	1.1
		replace roofing	38,258	sqft	15.00	573,900	645,930	836,125	4	1	1.1
<b>Envelope</b>											
		replace soffit and fascia	1	lpsm	350,000.00	350,000	393,928	509,921	4	1	1.1
						<b>Exterior Work Subtotal:</b>	<b>5,055,324</b>	<b>6,543,877</b>			
<b>Interior Work</b>											
		abate asbestos	1	allo	276,104.00	276,104	310,757	402,261	4	1	1.1
		upgrade select glazing to impact resistant	276,104	sqft	0.75	207,078	233,068	301,696	4	1	1.1
		replace select interior doors	239	each	2,000.00	478,000	537,993	696,407	4	1	1.1
		remodel toilet rooms near art area - replace finishes and fixtures	1	allo	80,000.00	80,000	90,041	116,553	4	1	1.1
		remodel (triangular) classroom areas	12,000	sqft	100.00	1,200,000	1,350,611	1,748,301	4	2	2.1
		replace classroom flooring	6,000	sqft	9.00	54,000	60,777	78,674	4	1	1.1
		remodel art rooms - replace finishes	3,500	sqft	100.00	350,000	393,928	509,921	4	2	3.1
		renovate choir room - replace finishes	2,300	sqft	75.00	172,500	194,150	251,318	4	2	3.1
		renovate band room - replace finishes & lockers	4,500	sqft	75.00	337,500	379,859	491,710	4	2	3.1
		renovate orchestra room - replace finishes	3,500	sqft	75.00	262,500	295,446	382,441	4	2	3.1
		remodel little theater & stage for emerging programs	3,500	sqft	150.00	525,000	590,892	764,882	4	2	2.1
		remodel career technical education (CTE) space - replace finishes	20,000	sqft	100.00	2,000,000	2,251,018	2,913,835	4	2	2.1
		renovate STEM labs ('90s addition) - replace finishes	4,700	sqft	75.00	352,500	396,742	513,563	4	2	2.1
		renovate home ec area - replace finishes	900	sqft	150.00	135,000	151,944	196,684	4	2	2.1
		remodel locker rooms - replace finishes	1	allo	350,000.00	350,000	393,928	509,921	4	1	1.1
		replace walk-in freezer/cooler	1	allo	300,000.00	300,000	337,653	437,075	4	1	1.1
						<b>Interior Work Subtotal:</b>	<b>7,968,807</b>	<b>10,315,242</b>			
<b>Mechanical Systems</b>											
<b>Plumbing Work</b>											
		replace sanitary drain piping	1	lot	200,000.00	200,000	225,102	291,384	4	1	1.1
		replace pool locker room domestic hot water system	1	each	15,000.00	15,000	16,883	21,854	4	1	1.1
		replace pool locker showers/valves	27	each	2,000.00	54,000	60,777	78,674	4	1	1.1
<b>HVAC System</b>											
		replace auto shop air handling unit (AHU) indoors (5,600 cfm)	1	each	65,000.00	65,000	73,158	94,700	4	1	1.1
		replace auto shop exhaust fan	5	each	5,000.00	25,000	28,138	36,423	4	1	1.1
		replace wood shop air handling unit (AHU) indoors (5,400 cfm)	1	each	65,000.00	65,000	73,158	94,700	4	1	1.1
		replace auto shop unit heater (UH)	3	each	5,000.00	15,000	16,883	21,854	4	1	1.1
		replace wood shop unit heater (UH)	2	each	5,000.00	10,000	11,255	14,569	4	1	1.1
		pool equipment room exhaust fan and ductwork	1	each	25,000.00	25,000	28,138	36,423	4	1	1.1
		replace pool filter room equipment	1	allo	125,000.00	125,000	140,689	182,115	4	1	1.1
<b>Integrated Automation</b>											
		upgrade temp controls for equipment replacement	1	allo	75,000.00	75,000	84,413	109,269	4	1	1.1
						<b>Mechanical Systems Subtotal:</b>	<b>758,593</b>	<b>981,963</b>			
<b>Electrical Systems</b>											
<b>Power</b>											
		replace starters/disconnects in pool room	2	each	2,500.00	5,000	5,628	7,285	4	1	1.1
		replace existing panelboard in pool room	1	each	15,000.00	15,000	16,883	21,854	4	1	1.1
						<b>Electrical Systems Subtotal:</b>	<b>22,510</b>	<b>29,138</b>			
						<b>Construction Subtotal:</b>	<b>13,805,234</b>	<b>17,870,220</b>			
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	75,000.00	75,000	84,413	109,269	4	2	5.1
		network and wireless infrastructure (2027)	1	allo	382,000.00	382,000	429,944	556,543	4	2	5.1
		replace UPSs (2025)	7	each	3,000.00	21,000	23,636	30,595	4	2	5.1
						<b>Technology Infrastructure Subtotal:</b>	<b>537,993</b>	<b>696,407</b>			
<b>Technology Safety &amp; Security</b>											
		add emergency alert system	1	allo	166,000.00	166,000	186,834	241,848	4	1	4.5
		replace PA system	276,104	sqft	1.00	276,100	310,753	402,255	4	1	4.5
						<b>Technology Safety &amp; Security Subtotal:</b>	<b>497,587</b>	<b>644,103</b>			
						<b>Technology &amp; Safety Infrastructure Subtotal:</b>	<b>1,035,581</b>	<b>1,340,510</b>			
						<b>REMODELING SUBTOTAL:</b>	<b>14,840,815</b>	<b>19,210,730</b>			

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 9-12

enrollment: 1,282

## H.H. Dow High School

Year Built: 1967

teaching stations:

3901 N. Saginaw Road, Midland, MI

Building Size: 276,104

capacity:

### Building Project Work List

Site Size: 67.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
----------	-------------	-------------	-----	------	-----------	-------------	----------------------	-------------------------	----------------	----------	----------

#### SITE WORK

##### Site Paving

install service drive to back of athletic fields with 90 degree parking along one side	1	allo	250,000.00		250,000	281,377	364,229	1	1	3.4	
replace asphalt pavement	59,500	sqft	5.75		342,100	385,037	498,412	1	1	1.1	
replace concrete gutter pan	100	lnft	10.00		1,000	1,126	1,457	1	1	1.1	
replace concrete collar	2	each	1,000.00		2,000	2,251	2,914	1	1	1.1	
<b>Site Paving Subtotal:</b>						<b>669,790</b>	<b>867,012</b>				

##### Site Improvements

add synthetic turf at (2) baseball, (2) softball diamonds	4	each	1,650,000.00		6,600,000	7,428,358	9,615,657	1	2	3.4	
new baseball/softball dugouts	8	each	50,000.00		400,000	450,204	582,767	1	2	3.4	
new baseball/softball backstops - net system with masonry knee wall	4	each	45,000.00		180,000	202,592	262,245	1	2	3.4	
install new bleachers at ball (4) diamonds	4	each	50,000.00		200,000	225,102	291,384	1	2	3.4	
stormwater allowance for athletic & site improvements	1	allo	100,000.00		100,000	112,551	145,692	1	2	3.4	
replace (football) stadium area bleachers	1	allo	250,000.00		250,000	281,377	364,229	1	3	3.4	
relocate shot put and discuss area	2	each	25,000.00		50,000	56,275	72,846	1	3	3.4	
install fencing along new athletic service drive	1	allo	15,000.00		15,000	16,883	21,854	1	3	3.4	
site work due to new construction	9,200	sqft	50.00		460,000	517,734	670,182	1	2	3.4	
<b>Site Improvement Subtotal:</b>						<b>9,291,075</b>	<b>12,026,856</b>				
<b>SITE WORK SUBTOTAL:</b>						<b>9,960,866</b>	<b>12,893,867</b>				

#### INSTRUCTIONAL TECHNOLOGY

##### Computers and Mobile Devices

purchase staff devices	114	ea	1,000.00		114,000	128,308	128,308	4	3	5.2	
purchase student devices	501	ea	350.00		175,400	197,414	197,414	4	3	5.2	

##### Audiovisual

interactive displays and classroom sound	37	ea	10,000.00		370,000	416,438	539,060	4	3	5.3	
replace 2015 Crestron equipment (collaboration & board)	1	allo	75,000.00		75,000	84,413	109,269	4	3	5.3	
little theatre / auditorium AV	2	allo	150,000		300,000	337,653	437,075	4	2.0	5.3	
choir room sound system	1	each	25,000		25,000	28,138	36,423	4	2.0	5.3	
communication/broadcast allowance	1	allo	175,000		175,000	196,964	254,961	4	2.0	5.3	
<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>						<b>1,389,328</b>	<b>1,702,509</b>				

#### FURNITURE, FURNISHINGS AND EQUIPMENT

##### Non-Instructional Equipment

purchase replacement printer/copiers (2028)	8	allo	12,000.00		96,000	108,049	108,049	4	2	5.1	
<b>Non-Instructional Equipment Subtotal:</b>						<b>108,049</b>	<b>108,049</b>				

##### Furniture, Furnishings & Equipment (FFE)

purchase new classroom furniture (building-wide)	276,104	sqft	5.00		1,380,520	1,553,787	2,011,304	4	1	6.1	
purchase band equipment	1	allo	150,000.00		150,000	168,826	218,538	4	1	3.4	
purchase art room furniture, furnishings & equipment	1	allo	25,000.00		25,000	28,138	36,423	4	1	3.1	
purchase CTE equipment and furniture	1	allo	200,000.00		200,000	225,102	291,384	4	1	2.1	
replace pool area scoreboard	1	allo	125,000.00		125,000	140,689	182,115	4	1	3.4	
purchase weight room equipment	1	allo	100,000.00		100,000	112,551	145,692	4	1	3.4	
<b>F, F, &amp; E Subtotal:</b>						<b>2,229,093</b>	<b>2,885,455</b>				
<b>F, F, &amp; E SUBTOTAL:</b>						<b>2,337,142</b>	<b>2,993,503</b>				

<b>PROJECT TOTAL:</b>						<b>33,367,838</b>	<b>43,065,357</b>				
Construction Contingency:						3,293,407					
Permits / General Conditions:						1,086,824					
Design Consultants:						2,518,715					
C.M. Costs:						2,798,572					
<b>BUILDING TOTAL:</b>						<b>43,065,357</b>					

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

**Dow High**

**Project No. [n] 10**

**Current Grade Structure** 9-12  
**Proposed Grade Structure** 9-12

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	56	21.25	1,190
<b>Subtotal</b>	<b>56</b>		<b>1,190</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Total</b>	<b>56</b>		<b>1190</b>

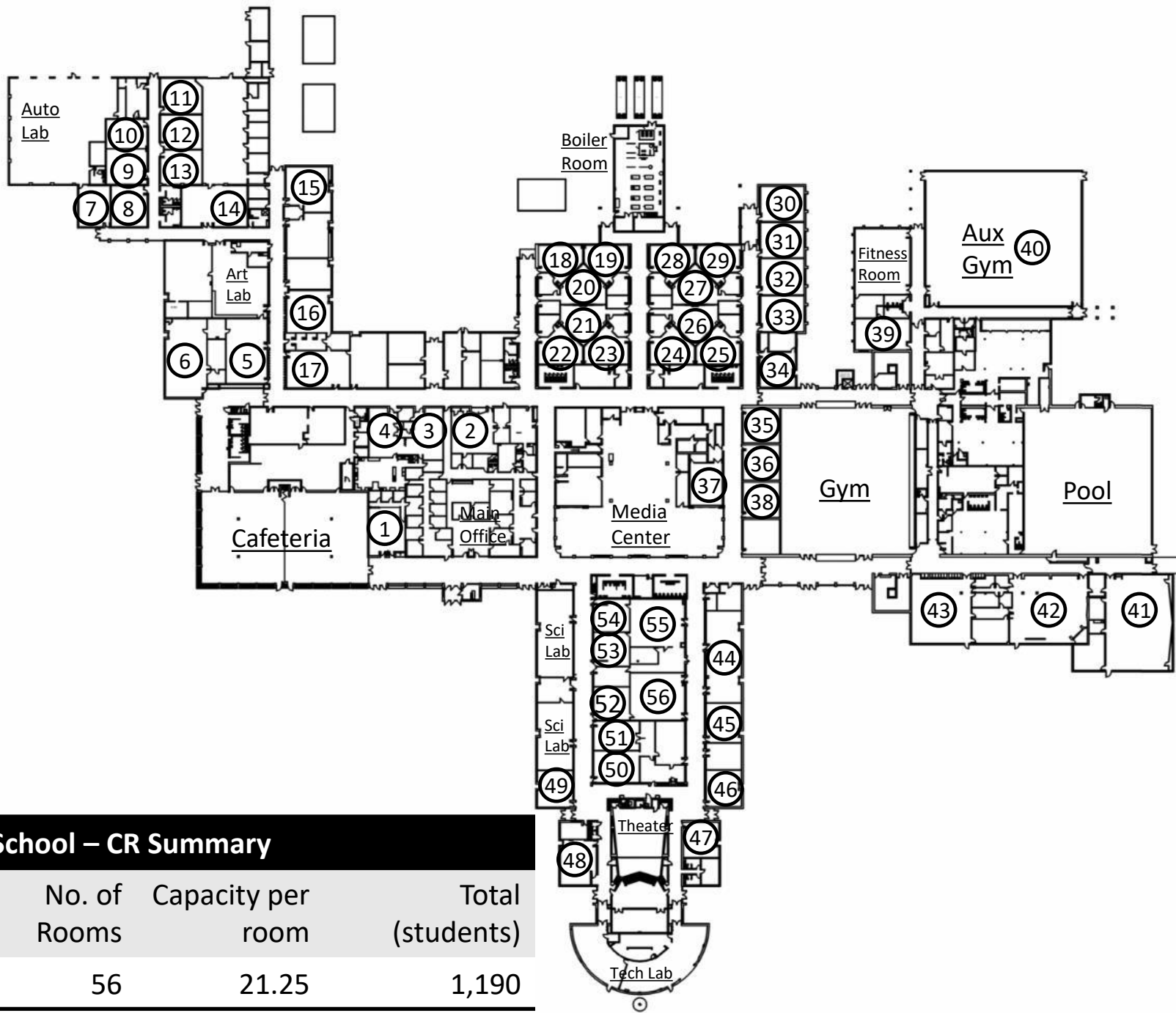
Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

**Projected 5-Year Enrollment** 1,181

**Utilization Percentage** 99%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



### Dow High School – CR Summary

Grade Levels	No. of Rooms	Capacity per room	Total (students)
9-12	56	21.25	1,190



# Project Sheet

<b>Midland High</b>				<b>Project No. [n]</b>	<b>11</b>
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>
<i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i>	<input checked="" type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	
	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input checked="" type="checkbox"/> Remodeling	
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input checked="" type="checkbox"/> Instructional tech.	
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input checked="" type="checkbox"/> Furnishings/Equip.	
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	

## Construction Cost Per Square Foot

<b>New Stand-Alone Construction Square Ft</b>	10700	<b>Cost per Sq Ft</b>	\$ 531
<b>New Addition Square Ft.</b>	n/a	<b>Cost per Sq Ft</b>	n/a

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	1.	2.	3.	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	5,683,819	0	0	0	5,683,819
Remodeling	3,690,334	0	0	10,021,305	13,711,639
Construction Contingencies	2,017,977	0	0	1,336,834	3,354,811
Instructional Technology	0	0	0	1,477,230	1,477,230
Loose Furnishing/Equipment	0	0	0	2,334,080	2,334,080
Buses					0
Site Work	10,805,617	0	0	0	10,805,617
Site Acquisition					0
Architectural Fees and Costs	1,543,298	0	0	1,022,377	2,565,676
CM Fees and Costs	2,380,708	0	0	1,577,130	3,957,839
<b>Estimated Costs</b>	<b>26,121,755</b>	<b>0</b>	<b>0</b>	<b>17,768,958</b>	<b>43,890,713</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature

12/6/2024

Date

French Associates 130103304

Firm Name and License Number

Dale Jerome

Printed Name

dalej@frenchaia.com

E-mail Address

248-656-1377

Phone Number

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 9-12

enrollment: 1,195

## Midland High School

1301 Eastlawn, Midland, MI

Year Built: 1955

teaching stations:

### Building Project Work List

Building Size: 295,752

capacity:

Site Size: 39.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>NEW CONSTRUCTION</b>											
		build band tower/storage building	1,200	sqft	250.00	300,000	337,653	437,075	1	2	7.1
		build restroom, concession, storage facility for athletic complex	8,000	sqft	500.00	4,000,000	4,502,035	5,827,671	1	2	7.1
		build athletic enclosure/entrance feature/ticket booth	1,500	sqft	500.00	750,000	844,132	1,092,688	1	2	7.1
			<b>10,700</b>	<b>sqft</b>		<b>SUBTOTAL:</b>	<b>5,683,819</b>	<b>7,357,434</b>			
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Roofing</b>											
		replace roofing	162,203	sqft	15.00	2,433,000	2,738,363	3,544,681	4	1	1.1
						<b>Exterior Work Subtotal:</b>	<b>2,738,363</b>	<b>3,544,681</b>			
<b>Interior Work</b>											
		upgrade select glazing to impact resistant	295,752	sqft	0.75	221,814	249,654	323,165	1	1	1.1
		replace select ceiling tiles	100,000	sqft	4.00	400,000	450,204	582,767	4	2	1.1
		replace classroom flooring	50,000	sqft	8.00	400,000	450,204	582,767	1	2	1.1
		remodel classrooms - replace finishes	10,000	sqft	75.00	750,000	844,132	1,092,688	4	2	2.1
		remodel (2) art rooms - replace finishes	3,500	sqft	100.00	350,000	393,928	509,921	1	2	3.1
		renovate 2 science rooms - replace finishes	3,500	sqft	100.00	350,000	393,928	509,921	1	2	2.1
		renovate choir room - replace finishes	2,300	sqft	75.00	172,500	194,150	251,318	1	2	3.1
		renovate band room - replace finishes	4,500	sqft	75.00	337,500	379,859	491,710	4	2	3.1
		renovate orchestra room - replace finishes	3,500	sqft	75.00	262,500	295,446	382,441	4	2	3.1
		remodel little theater & stage for emerging programs - replace finishes	3,500	sqft	150.00	525,000	590,892	764,882	4	2	2.1
		remodel career technical education (CTE) space - replace finishes	10,000	sqft	100.00	1,000,000	1,125,509	1,456,918	4	2	2.1
		renovate STEM labs ('90s addition) - replace finishes	4,700	sqft	75.00	352,500	396,742	513,563	1	2	2.1
		remodel locker rooms - replace finishes & lockers	1	allo	350,000.00	350,000	393,928	509,921	1	1	1.1
		renovate stadium facilities - replace finishes	3,500	allo	150.00	525,000	590,892	764,882	4	2	3.4
						<b>Interior Work Subtotal:</b>	<b>6,749,467</b>	<b>8,736,864</b>			
<b>Mechanical Systems</b>											
<b>Plumbing Work</b>											
		replace sanitary drain piping	1	lot	200,000.00	200,000	225,102	291,384	4	1	1.1
<b>HVAC System</b>											
		replace hot water boiler (Aerco 2,000)	3	each	200,000.00	600,000	675,305	874,151	1	1	1.1
		replace select stream/cond piping	1	allo	100,000.00	100,000	112,551	145,692	1	1	1.1
		replace gym HVAC, add cooling (25 RTUs)	4	each	150,000.00	600,000	675,305	874,151	4	1	1.1
		replace VUVs lower level northeast section	15	each	35,000.00	525,000	590,892	764,882	4	1	1.1
		replace shop area air handling unit (AHU), 3000 cfm	1	each	45,000.00	45,000	50,648	65,561	4	1	1.1
		replace office are multi-zone unit (5,500 cfm)	1	each	60,000.00	60,000	67,531	87,415	4	1	1.1
		replace condensing unit (CU), coil & piping for office multi-zone unit (15 tons)	1	each	30,000.00	30,000	33,765	43,708	1	1	1.1
		replace condensing unit (CU), coil and piping for weight room (40 tons)	1	each	65,000.00	65,000	73,158	94,700	1	1	1.1
		add cooling for aux gym (80 ton cc and cu)	1	each	75,000.00	75,000	84,413	109,269	1	1	1.1
		replace condensing units (science wing) - 1 ton	2	each	25,000.00	50,000	56,275	72,846	1	1	1.1
		replace indoor air handling unit (AHU) on 3rd floor 2,200 cfm	1	each	40,000.00	40,000	45,020	58,277	1	1	1.1
		replace shop area unit ventilators	3	each	30,000.00	90,000	101,296	131,123	1	1	1.1
		replace locker room exhaust fans (indoors 10,000 cfm)	2	each	6,000.00	12,000	13,506	17,483	1	1	1.1
		replace heat exchanger at stadium	1	each	20,000.00	20,000	22,510	29,138	1	1	1.1
<b>Integrated Automation</b>											
		upgrade temp controls for equipment replacement	1	allo	100,000.00	100,000	112,551	145,692	4	1	1.1
						<b>Mechanical Systems Subtotal:</b>	<b>2,939,829</b>	<b>3,805,469</b>			
<b>Electrical Systems</b>											
<b>Power</b>											
		replace generator	1	each	275,000.00	275,000	309,515	400,652	4	1	1.1
						<b>Electrical Systems Subtotal:</b>	<b>309,515</b>	<b>400,652</b>			
						<b>Construction Subtotal:</b>	<b>12,737,174</b>	<b>16,487,667</b>			
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	50,000.00	50,000	56,275	72,846	4	2	5.1
		network and wireless infrastructure (2027)	1	allo	316,000.00	316,000	355,661	460,386	4	2	5.1
		replace UPSs (2025)	9	each	3,000.00	27,000	30,389	39,337	4	2	5.1
						<b>Technology Infrastructure Subtotal:</b>	<b>442,325</b>	<b>572,569</b>			

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 9-12

enrollment: 1,195

## Midland High School

Year Built: 1955

teaching stations:

1301 Eastlawn, Midland, MI

Building Size: 295,752

capacity:

### Building Project Work List

Site Size: 39.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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#### Technology Safety & Security

		add emergency alert system	1	allo	177,000.00	177,000	199,215	257,874	4	1	4.5
		replace PA system	295,752	sqft	1.00	295,800	332,926	430,956	4	1	4.5

**Technology Safety & Security Subtotal: 532,141 688,831**

**Technology & Safety Infrastructure Subtotal: 974,466 1,261,399**

**REMODELING SUBTOTAL: 13,711,639 17,749,066**

#### SITE WORK

##### Site Paving

		replace asphalt pathways at stadium area	1	allo	25,000.00	25,000	28,138	36,423	1	2	3.3
		asphalt pavement	93,000	sqft	0.00	0	0	0			
		asphalt pavement	104,000	sqft	0.00	0	0	0			
		replace asphalt pavement	6,500	sqft	7.00	45,500	51,211	66,290	1	1	1.1
		asphalt pavement	3,300	sqft	0.00	0	0	0			
		replace asphalt pavement	6,200	sqft	7.00	43,400	48,847	63,230	1	1	1.1
		asphalt pavement	12,200	sqft	0.00	0	0	0			
		replace asphalt pavement	21,700	sqft	5.75	124,800	140,463	181,823	1	1	1.1
		asphalt pavement	112,000	sqft	0.00	0	0	0			
		concrete pavement	400	sqft	0.00	0	0	0			
		replace asphalt pavement	32,200	sqft	2.50	80,500	90,603	117,282	1	1	1.1
		concrete pavement	800	sqft	0.00	0	0	0			
		asphalt pavement	21,200	sqft	0.00	0	0	0			
		concrete pavement	700	sqft	0.00	0	0	0			
		replace concrete sidewalk	2,250	sqft	8.00	18,000	20,259	26,225	1	2	1.1
		replace concrete gutter pan	100	lnft	10	1,000	1,126	1,457	1	2	1.1

**Site Paving Subtotal: 380,647 492,730**

##### Site Improvements

		add synthetic turf at (2) baseball, (2) softball diamonds	4	each	1,650,000.00	6,600,000	7,428,358	9,615,657	1	2	3.4
		new baseball/softball dugouts	8	each	50,000.00	400,000	450,204	582,767	1	2	3.4
		new baseball/softball backstops - net system with masonry knee wall	4	each	45,000.00	180,000	202,592	262,245	1	2	3.4
		install new bleachers at ball (4) diamonds	4	each	50,000.00	200,000	225,102	291,384	1	2	3.4
		stormwater allowance for athletic & site improvements	1	allo	100,000.00	100,000	112,551	145,692	1	2	3.4
		stadium improvements	1	lpsm	1,247,451	1,247,451	1,404,017	1,817,433	1	2	3.3
		site work due to new construction	10,700	sqft	50.00	535,000	602,147	779,451	1	2	3.3

**Site Improvement Subtotal: 10,424,970 13,494,629**

**SITE WORK SUBTOTAL: 10,805,617 13,987,358**

#### INSTRUCTIONAL TECHNOLOGY

##### Computers and Mobile Devices

		purchase staff devices	129	each	1,000.00	129,000	145,191	145,191	4	3	5.2
		purchase student devices	467	each	350.00	163,500	184,021	184,021	4	3	5.2

##### Audiovisual

		interactive displays and classroom sound	45	each	10,000.00	445,000	500,851	648,328	4	3	5.3
		replace 2015 Crestron equipment (collaboration & board)	1	allo	75,000.00	75,000	84,413	109,269	4	3	5.3
		little theatre / auditorium AV	2	allo	150,000.00	300,000	337,653	437,075	4	2	5.3
		choir room sound system	1	each	25,000.00	25,000	28,138	36,423	4	2	5.3
		communication/broadcast allowance	1	allo	175,000.00	175,000	196,964	254,961	4	2	5.3

**INSTRUCTIONAL TECHNOLOGY SUBTOTAL: 1,477,230 1,815,267**

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: 9-12

enrollment: 1,195

## Midland High School

1301 Eastlawn, Midland, MI

Year Built: 1955

teaching stations:

Building Size: 295,752

capacity:

### Building Project Work List

Site Size: 39.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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#### FURNITURE, FURNISHINGS AND EQUIPMENT

##### Non-Instructional Equipment

purchase replacement printer/copiers (2028)	10	allo	12,000.00		120,000	135,061	135,061	4	2	5.1
<b>Non-Instructional Equipment Subtotal:</b>							<b>135,061</b>	<b>135,061</b>		

##### Furniture, Furnishings & Equipment (FFE)

purchase new classroom furniture (building-wide)	295,752	sqft	5.00		1,478,800	1,664,402	2,154,490	4	1	6.1
purchase band equipment	1	allo	150,000.00		150,000	168,826	218,538	4	1	3.1
purchase art room furniture, furnishings & equipment	1	allo	25,000.00		25,000	28,138	36,423	4	1	3.1
purchase CTE equipment and furniture	1	allo	200,000.00		200,000	225,102	291,384	4	1	2.1
purchase weight room equipment	1	allo	100,000.00		100,000	112,551	145,692	4	1	3.4

**F, F, & E Subtotal: 2,199,019 2,846,526**

**F, F, & E SUBTOTAL: 2,334,080 2,981,587**

**PROJECT TOTAL: 34,012,387 43,890,713**

Construction Contingency: 3,354,811

Permits / General Conditions: 1,107,088

Design Consultants: 2,565,676

C.M. Costs: 2,850,751

**BUILDING TOTAL: 43,890,713**

#### Notes:

Indirect Costs include; contingency, general conditions & professional fees

# Building Utilization

## School Building Name

Midland High

Project No. [n] 11

**Current Grade Structure** 9-12  
**Proposed Grade Structure** 9-12

1. List the number of teaching stations in appropriate column.
2. Calculate total capacity using the applicable capacity factor.
3. Enter five (5) year projected enrollment.
4. Calculate building utilization rate.
5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	68	21.25	1,445
<b>Subtotal</b>	<b>68</b>		<b>1,445</b>
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Subtotal</b>	<b>0</b>		<b>0</b>
<b>Total</b>	<b>68</b>		<b>1445</b>

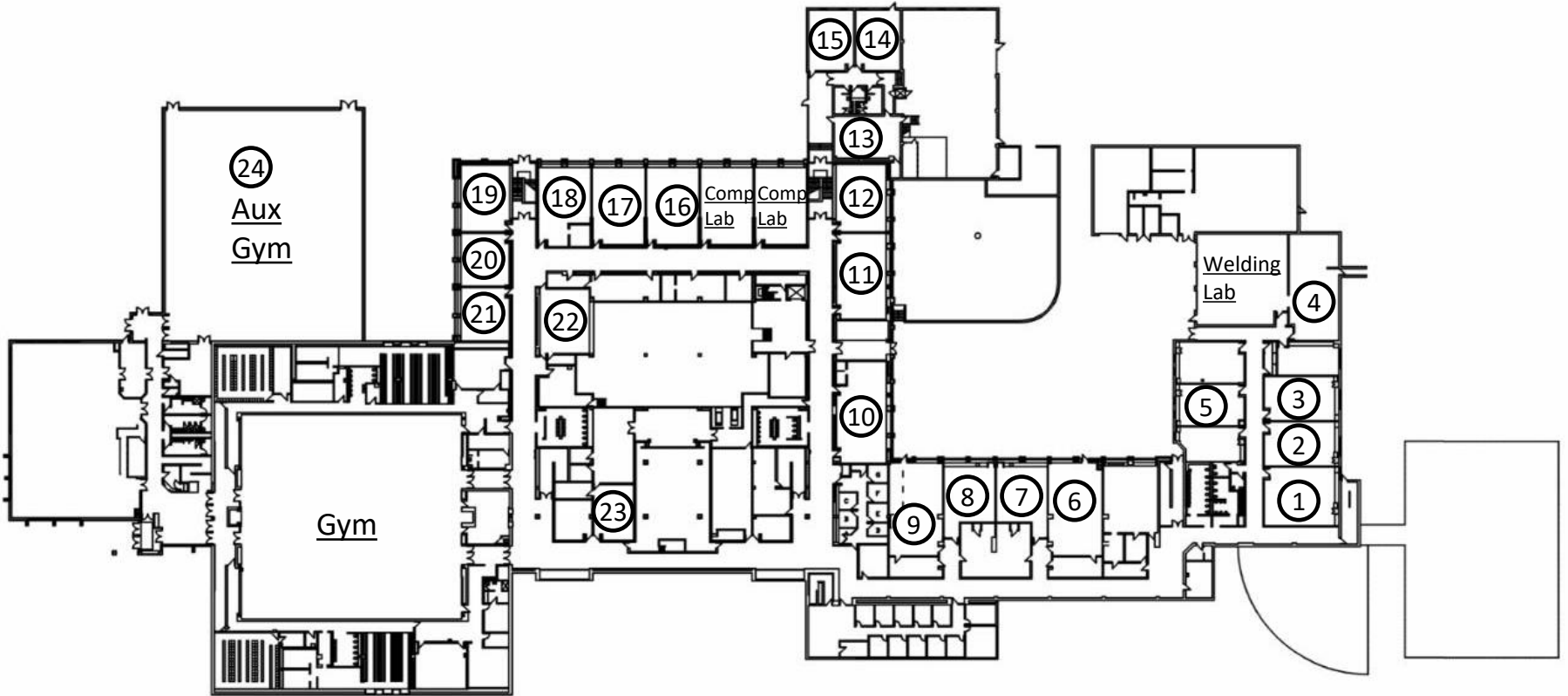
Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary	0	25	0
(6-8) Junior High	0	22.5	0
(9-12) High School	0	21.25	0
<b>Total</b>	<b>0</b>		<b>0</b>

**Projected 5-Year Enrollment** 1,266

**Utilization Percentage** 88%

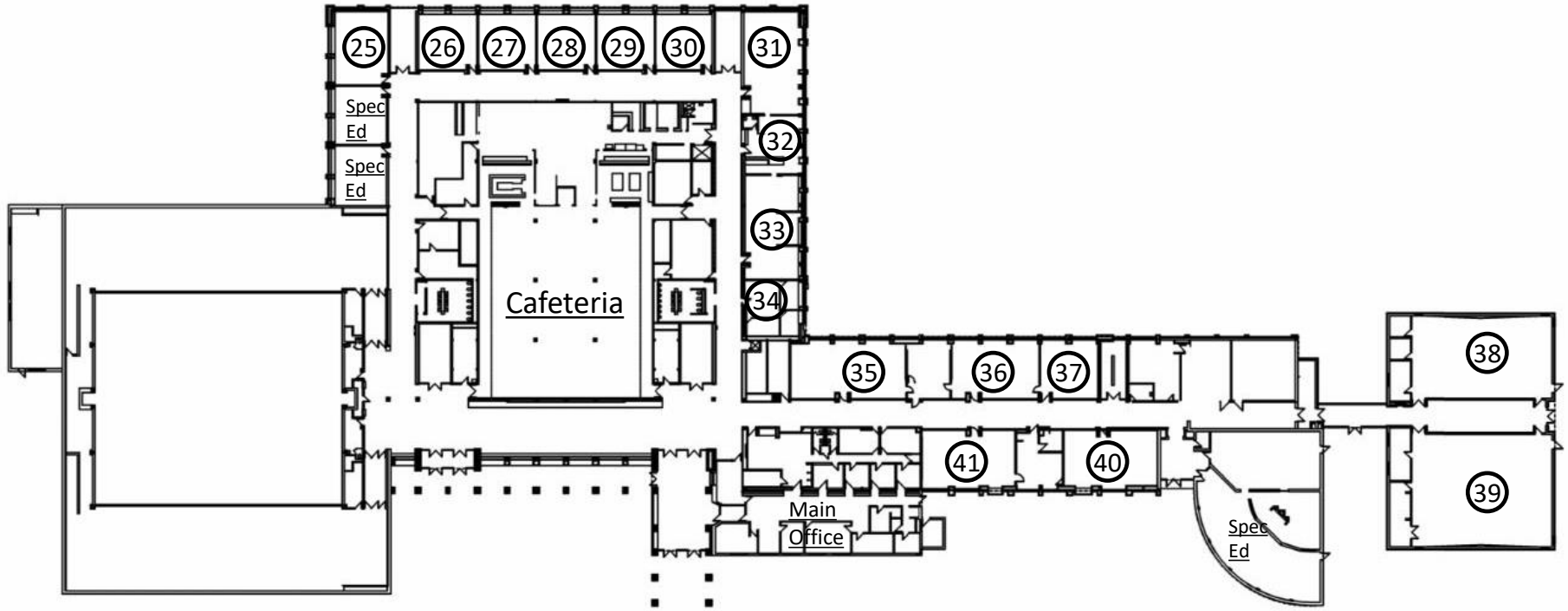
(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.



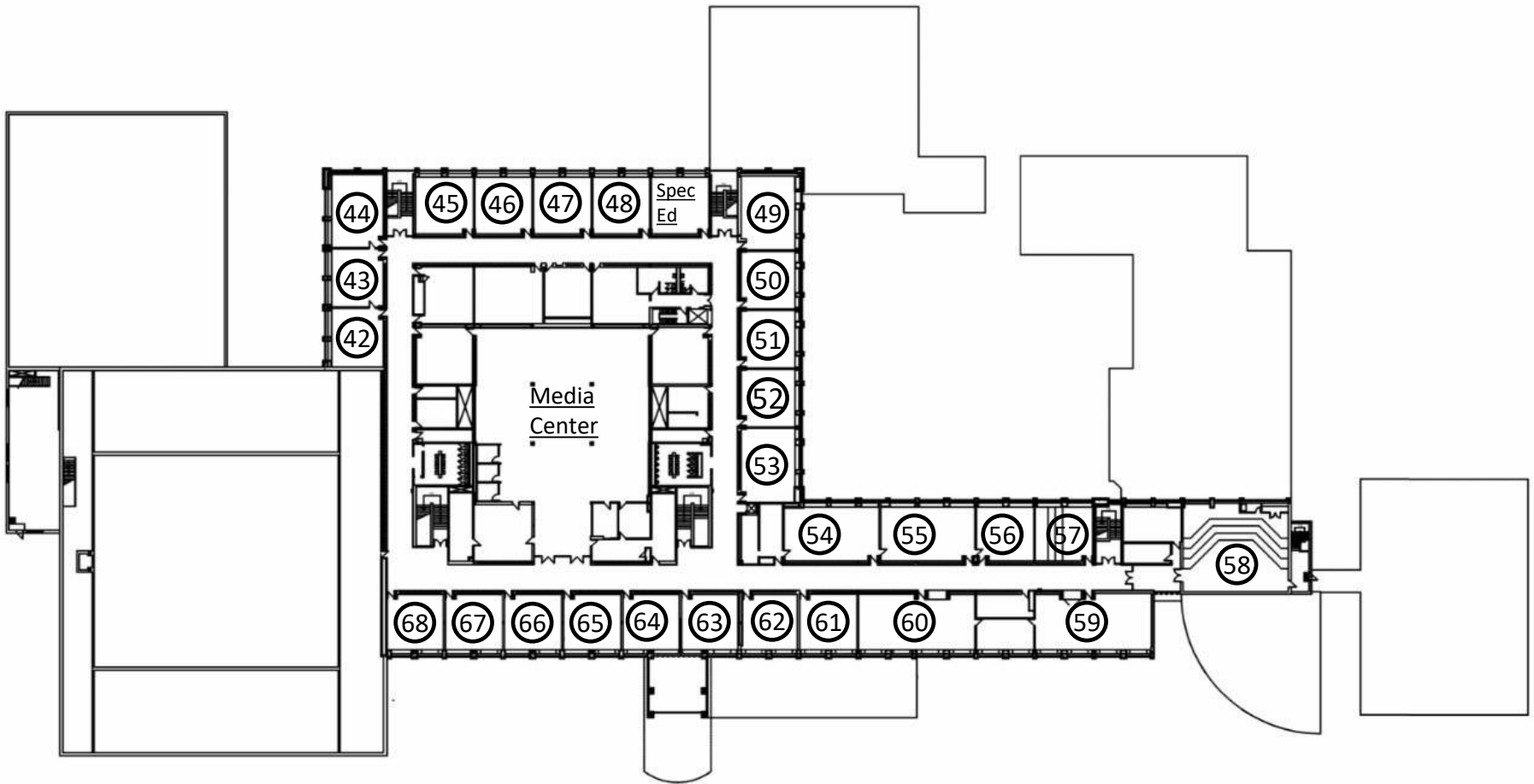
### Midland High School – CR Summary – Ground Floor

Grade Levels	No. of Rooms	Capacity per room	Total (students)
9-12	24	21.25	510



### Midland High School – CR Summary – First Floor

Grade Levels	No. of Rooms	Capacity per room	Total (students)
9-12	17	21.25	361



**Midland High School – CR Summary – 2<sup>nd</sup> Floor**

Grade Levels	No. of Rooms	Capacity per room	Total (students)
9-12	27	21.25	574
<b>TOTAL</b>	<b>68</b>		<b>1,445</b>



# Project Sheet

Auditorium					Project No. [n]	12
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>	
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg		
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition		
	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling		
	<input checked="" type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.		
	<input checked="" type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.		
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses		
	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work		
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)		
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition		

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

## Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	1,042,896	0	0	0	1,042,896
Construction Contingencies	117,796	0	0	0	117,796
Instructional Technology	57,964	0	0	0	57,964
Loose Furnishing/Equipment	83,288	0	0	0	83,288
Buses					0
Site Work	33,765	0	0	0	33,765
Site Acquisition					0
Architectural Fees and Costs	90,087	0	0	0	90,087
CM Fees and Costs	138,970	0	0	0	138,970
<b>Estimated Costs</b>	<b>1,564,766</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,564,766</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature

12/6/2024

Date

French Associates 130103304

Firm Name and License Number

Dale Jerome

Printed Name

dalej@frenchaia.com

E-mail Address

248-656-1377

Phone Number

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

## Central Auditorium

[insert building address]

### Building Project Work List

Grades: n/a

Year Built: 1937

Building Size: 54,596

Site Size: 20.0

enrollment:

teaching stations:

capacity:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
<b>REMODELING WORK</b>											
<b>Exterior Work</b>											
<b>Roofing</b>											
		replace roofing	27,298	sqft	15.00	409,500	460,896	596,608	1	1	1.1
							<b>Exterior Work Subtotal:</b>	<b>460,896</b>	<b>596,608</b>		
<b>Interior Work</b>											
		install acoustical panels in music/rehearsal room	1	allo	25,000.00	25,000	28,138	36,423	1	2	3.1
		renovate dressing rooms - replace finishes	1,500	sqft	50.00	75,000	84,413	109,269	1	2	3.1
							<b>Interior Work Subtotal:</b>	<b>112,551</b>	<b>145,692</b>		
<b>Mechanical Systems</b>											
<b>HVAC System</b>											
		upgrade heating/cooling issues in scene shop	1	allo	50,000.00	50,000	56,275	72,846	1	1	1.1
		replace HVAC green room / dressing rooms	1	allo	50,000.00	50,000	56,275	72,846	1	1	1.1
							<b>Mechanical Systems Subtotal:</b>	<b>112,551</b>	<b>145,692</b>		
<b>Electrical Systems</b>											
<b>Lighting</b>											
		add lighting at front of stage	1	allo	15,000.00	15,000	16,883	21,854	1	2	3.1
		upgrade theater lighting system to LED	1	allo	75,000.00	75,000	84,413	109,269	1	2	3.1
		provide additional house lighting in balcony	1	allo	15,000.00	15,000	16,883	21,854	1	2	3.1
<b>Communication Systems</b>											
		install new sound system in little theater	1	allo	50,000.00	50,000	56,275	72,846	1	2	3.1
		install new sound system in large group rehearsal room	1	allo	30,000.00	30,000	33,765	43,708	1	2	3.1
		add corridors to auditorium sound system	1	allo	5,000.00	5,000	5,628	7,285	1	2	3.1
		relocate auditorium speakers to front of stage	1	allo	5,000.00	5,000	5,628	7,285	1	2	3.1
		add line set in front of proscenium for mics	1	allo	5,000.00	5,000	5,628	7,285	1	2	3.1
							<b>Electrical Systems Subtotal:</b>	<b>225,102</b>	<b>291,384</b>		
							<b>Construction Subtotal:</b>	<b>911,099</b>	<b>1,179,375</b>		
<b>Technology Infrastructure</b>											
		tech infrastructure for renovations	1	allo	7,500.00	7,500	8,441	10,927	1	2	5.1
		network and wireless infrastructure (2027)	1	allo	25,000.00	25,000	28,138	36,423	1	2	5.1
		replace UPSs (2025)	1	each	3,000.00	3,000	3,377	4,371	1	2	5.1
							<b>Technology Infrastructure Subtotal:</b>	<b>39,956</b>	<b>51,721</b>		
<b>Technology Safety &amp; Security</b>											
		add emergency alert system	1	allo	27,000.00	27,000	30,389	39,337	1	1	4.5
		replace PA system	54,596	sqft	1.00	54,600	61,453	79,548	1	1	4.5
							<b>Technology Safety &amp; Security Subtotal:</b>	<b>91,842</b>	<b>118,884</b>		
							<b>Technology &amp; Safety Infrastructure Subtotal:</b>	<b>131,797</b>	<b>170,605</b>		
							<b>REMODELING SUBTOTAL:</b>	<b>1,042,896</b>	<b>1,349,980</b>		
<b>SITE WORK</b>											
<b>Site Improvements</b>											
		upgrade sign to match district standard	1	lpsm	30,000.00	30,000	33,765	43,708	1	1	1.1
							<b>Site Improvement Subtotal:</b>	<b>33,765</b>	<b>43,708</b>		
							<b>SITE WORK SUBTOTAL:</b>	<b>33,765</b>	<b>43,708</b>		
<b>INSTRUCTIONAL TECHNOLOGY</b>											
<b>Computers and Mobile Devices</b>											
		purchase staff devices	12	ea	1,000.00	11,500	12,943	12,943	1	3	5.2
<b>Audiovisual</b>											
		interactive displays and classroom sound	2	ea	10,000.00	15,000	16,883	21,854	1	2	5.3
		replace 2015 Crestron equipment (collaboration & board)	1	allo	25,000.00	25,000	28,138	36,423	1	2	5.3
							<b>INSTRUCTIONAL TECHNOLOGY SUBTOTAL:</b>	<b>57,964</b>	<b>71,220</b>		

**MIDLAND PUBLIC SCHOOLS**

Facility Condition Assessment (FCA)

**Central Auditorium**

[insert building address]

**Building Project Work List**

Grades: n/a

Year Built: 1937

Building Size: 54,596

Site Size: 20.0

enrollment:

teaching stations:

capacity:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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**FURNITURE, FURNISHINGS AND EQUIPMENT**

**Non-Instructional Equipment**

purchase replacement printer/copiers (2028)	2	allo	12,000.00		24,000	27,012	27,012	1	2	5.1	
<b>Non-Instructional Equipment Subtotal:</b>							<b>27,012</b>	<b>27,012</b>			

**Furniture, Furnishings & Equipment (FFE)**

purchase choir risers	1	allo	25,000.00		25,000	28,138	36,423	1	2	3.1	
add lock rail at main stage level for rigging	1	allo	25,000.00		25,000	28,138	36,423	1	2	3.1	
<b>F,F,&amp;E Subtotal:</b>							<b>56,275</b>	<b>72,846</b>			
<b>F, F, &amp; E SUBTOTAL:</b>							<b>83,288</b>	<b>99,858</b>			

<b>Notes:</b> Indirect Costs include; contingency, general conditions & professional fees	<b>PROJECT TOTAL:</b>	<b>1,217,913</b>	<b>1,564,766</b>
	Construction Contingency:	117,796	
	Permits / General Conditions:	38,873	
	Design Consultants:	90,087	
	C.M. Costs:	100,097	
	<b>BUILDING TOTAL:</b>	<b>1,564,766</b>	

# Project Sheet

Carpenter Early Childhood					<b>Project No. [n]</b>	<b>13</b>
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>	
<i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i>	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg		
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition		
	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling		
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.		
	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.		
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses		
	<input type="checkbox"/> Site work	<input checked="" type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work		
	<input type="checkbox"/> Building shutdown (demo/closure)	<input checked="" type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)		
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition		

### Construction Cost Per Square Foot

<b>New Stand-Alone Construction Square Ft</b>	n/a	<b>Cost per Sq Ft</b>	n/a
<b>New Addition Square Ft.</b>	n/a	<b>Cost per Sq Ft</b>	n/a

### Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input checked="" type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	1.	2.	3.	

### Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	0	0	0	0	0
Construction Contingencies	0	51,233	0	0	51,233
Instructional Technology	0	0	0	0	0
Loose Furnishing/Equipment	0	0	0	0	0
Buses					0
Site Work	0	512,332	0	0	512,332
Site Acquisition					0
Architectural Fees and Costs	0	39,182	0	0	39,182
CM Fees and Costs	0	60,442	0	0	60,442
<b>Estimated Costs</b>	<b>0</b>	<b>663,189</b>	<b>0</b>	<b>0</b>	<b>663,189</b>

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature

12/6/2024

Date

French Associates 130103304

Firm Name and License Number

Dale Jerome

Printed Name

dalej@frenchaia.com

E-mail Address

248-656-1377

Phone Number

**MIDLAND PUBLIC SCHOOLS**

Facility Condition Assessment (FCA)

Grades: preK

enrollment: 127

**Carpenter Pre-Primary**

1407 W Carpenter St, Midland, MI

Year Built: 1926

teaching stations:

Building Size: 37,934

capacity:

**Building Project Work List**

Site Size: 5.0

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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**SITE WORK**

**Site Improvements**

building demolition	37,934	sqft	12.00	455,200	512,332	663,189	2	2	3.5
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**Site Improvement Subtotal: 512,332 663,189**

**SITE WORK SUBTOTAL: 512,332 663,189**

**PROJECT TOTAL: 512,332 663,189**

Construction Contingency: 51,233

Permits / General Conditions: 16,907

Design Consultants: 39,182

C.M. Costs: 43,535

**BUILDING TOTAL: 663,189**

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

# Project Sheet

Administration					Project No. [n]	14
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>	
<i>The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.</i>	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg		
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition		
	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling		
	<input checked="" type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.		
	<input checked="" type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.		
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses		
	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work		
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)		
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition		

## Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input type="checkbox"/> ADA requirements		
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>		

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0				0
Remodeling	1,183,585				1,183,585
Construction Contingencies	122,298				122,298
Instructional Technology	0				0
Loose Furnishing/Equipment	147,442				147,442
Buses					0
Site Work	0				0
Site Acquisition					0
Architectural Fees and Costs	93,530				93,530
CM Fees and Costs	144,281				144,281
<b>Estimated Costs</b>	<b>1,691,136</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,691,136</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

	12/6/2024	French Associates	130103304
Signature	Date	Firm Name and License Number	
Dale Jerome	dalej@frenchaia.com	248-656-1377	
Printed Name	E-mail Address	Phone Number	

# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: n/a

enrollment: n/a

## Administration Building

600 E. Carpenter Street, Midland, MI

Year Built: unknown

teaching stations: n/a

Building Size: 27,558

capacity: n/a

### Building Project Work List

Site Size:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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#### REMODELING WORK

##### Technology Infrastructure

network and wireless infrastructure (2027)	1	allo	240,000.00		240,000		270,122	349,660	1	2	5.1
replace UPSs (2025)	1	allo	20,000.00		20,000		22,510	29,138	1	2	5.1
replace SAN and datacenter equipment (2029)	1	allo	750,000.00		750,000		844,132	1,092,688	1	2	5.1

**Technology Infrastructure Subtotal: 1,136,764 1,471,487**

##### Technology Safety & Security

add emergency alert system	1	allo	14,000.00		14,000		15,757	20,397	1	1	4.5
replace PA system	27,558	sqft	1.00		27,600		31,064	40,211	1	1	4.5

**Technology Safety & Security Subtotal: 46,821 60,608**

**Technology & Safety Infrastructure Subtotal: 1,183,585 1,532,095**

**REMODELING SUBTOTAL: 1,183,585 1,532,095**

#### FURNITURE, FURNISHINGS AND EQUIPMENT

##### Non-Instructional Equipment

replace 2015 Crestron equipment (collaboration & board)	1	each	35,000.00		35,000		39,393	50,992	1	1	5.2
purchase replacement printer/copiers (2028)	8	allo	12,000.00		96,000		108,049	108,049	1	2	5.1

**Non-Instructional Equipment Subtotal: 147,442 159,041**

**F, F, & E SUBTOTAL: 147,442 159,041**

**PROJECT TOTAL: 1,331,027 1,691,136**

Construction Contingency: 122,298

Permits / General Conditions: 40,358

Design Consultants: 93,530

C.M. Costs: 103,923

**BUILDING TOTAL: 1,691,136**

#### Notes:

Indirect Costs include; contingency, general conditions & professional fees

# Project Sheet

Transportation					Project No. [n]	15
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>	
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg		
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition		
	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling		
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.		
	<input checked="" type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.		
	<input checked="" type="checkbox"/> Buses	<input checked="" type="checkbox"/> Buses	<input checked="" type="checkbox"/> Buses	<input checked="" type="checkbox"/> Buses		
	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work		
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)		
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition		

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

### Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

### Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

### Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	76,535	0	0	0	76,535
Construction Contingencies	7,653	0	0	0	7,653
Instructional Technology	0	0	0	0	0
Loose Furnishing/Equipment	13,506	0	0	0	13,506
Buses	2,094,572	335,126	2,025,916	1,800,947	6,256,561
Site Work	0	0	0	0	0
Site Acquisition					0
Architectural Fees and Costs	5,853	0	0	0	5,853
CM Fees and Costs	9,029	0	0	0	9,029
<b>Estimated Costs</b>	<b>2,207,148</b>	<b>335,126</b>	<b>2,025,916</b>	<b>1,800,947</b>	<b>6,369,137</b>

### Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

	12/6/2024	French Associates	130103304
Signature	Date	Firm Name and License Number	
Dale Jerome	dalej@frenchaia.com	248-656-1377	
Printed Name	E-mail Address	Phone Number	



# MIDLAND PUBLIC SCHOOLS

Facility Condition Assessment (FCA)

Grades: n/a

enrollment: n/a

## Transportation & Maintenance Building

Year Built: unknown

teaching stations: n/a

410 E. Hines Street, Midland, MI

Building Size: 34,440

capacity: n/a

### Building Project Work List

Site Size:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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#### REMODELING WORK

##### Technology Infrastructure

WAN Fiber Replacement	1	allo	35,000.00	35,000	39,393	50,992	1	2	5.1	
network and wireless infrastructure (2027)	1	allo	13,000.00	13,000	14,632	18,940	1	2	5.1	
replace UPSs (2025)	1	each	3,000.00	3,000	3,377	4,371	1	2	5.1	
<b>Technology Infrastructure Subtotal:</b>							<b>57,401</b>	<b>74,303</b>		

##### Technology Safety & Security

add emergency alert system	1	allo	17,000.00	17,000	19,134	24,768	1	1	4.5	
<b>Technology Safety &amp; Security Subtotal:</b>							<b>19,134</b>	<b>24,768</b>		

**Technology & Safety Infrastructure Subtotal: 76,535 99,070**

**REMODELING SUBTOTAL: 76,535 99,070**

#### FURNITURE, FURNISHINGS AND EQUIPMENT

##### Non-Instructional Equipment

purchase replacement printer/copiers (2028)	1	allo	12,000.00	12,000	13,506	13,506	1	2	5.1	
<b>Non-Instructional Equipment Subtotal:</b>							<b>13,506</b>	<b>13,506</b>		

**F, F, & E SUBTOTAL: 13,506 13,506**

#### BUSES

purchase buses (1-3 years)	19	each	100,000.00	1,861,000	2,094,572	2,094,572	1	1		
purchase buses (3-5 years)	3	each	100,000.00	297,755	335,126	335,126	2	2		
purchase buses (5-8 years)	18	each	100,000.00	1,800,000	2,025,916	2,025,916	3	3		
purchase buses (8-10 years)	16	each	100,000.00	1,600,118	1,800,947	1,800,947	4	3		
<b>BUSES SUBTOTAL:</b>							<b>6,256,561</b>	<b>6,256,561</b>		

**PROJECT TOTAL: 6,346,601 6,369,137**

Construction Contingency: 7,653

Permits / General Conditions: 2,526

Design Consultants: 5,853

C.M. Costs: 6,504

**BUILDING TOTAL: 6,369,137**

#### Notes:

Indirect Costs include; contingency, general conditions & professional fees

# Project Sheet

Grounds					Project No. [n]	16
Proposal #:	Series 1	Series 2	Series 3	Series 4	<i>For multiple proposals, include a separate project page for each.</i>	
	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg	<input type="checkbox"/> New stand-alone bldg		
	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition	<input type="checkbox"/> New addition		
	<input checked="" type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling	<input type="checkbox"/> Remodeling		
	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.	<input type="checkbox"/> Instructional tech.		
	<input checked="" type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.	<input type="checkbox"/> Furnishings/Equip.		
	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses	<input type="checkbox"/> Buses		
	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work	<input type="checkbox"/> Site work		
	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)	<input type="checkbox"/> Building shutdown (demo/closure)		
	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition	<input type="checkbox"/> Site acquisition		

*The associated Cost Detail page must include a clear, concise, and detailed explanation and breakdown of costs for each checked box.*

## Construction Cost Per Square Foot

New Stand-Alone Construction Square Ft	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>
New Addition Square Ft.	<u>                    n/a                    </u>	Cost per Sq Ft	<u>                    n/a                    </u>

## Does this proposed project address any existing environmental or usability problems? (check all that apply)

<input type="checkbox"/> None noted	<input type="checkbox"/> Asbestos abatement	<input checked="" type="checkbox"/> Energy efficiencies	<input type="checkbox"/> ADA requirements	
<input type="checkbox"/> Other - please list:	<u>1.</u>	<u>2.</u>	<u>3.</u>	

## Estimated Cost of Proposed Construction Project

Column 1	Series 1	Series 2	Series 3	Series 4	Total
New Construction	0	0	0	0	0
Remodeling	18,008	0	0	0	18,008
Construction Contingencies	1,801	0	0	0	1,801
Instructional Technology	0	0	0	0	0
Loose Furnishing/Equipment	13,506	0	0	0	13,506
Buses					0
Site Work	0	0	0	0	0
Site Acquisition					0
Architectural Fees and Costs	1,377	0	0	0	1,377
CM Fees and Costs	2,125	0	0	0	2,125
<b>Estimated Costs</b>	<b>36,817</b>	<b>0</b>			<b>36,817</b>

## Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.



Signature	Date	Firm Name and License Number
	12/6/2024	French Associates 130103304
Printed Name	E-mail Address	Phone Number
Dale Jerome	dalej@frenchaia.com	248-656-1377

**MIDLAND PUBLIC SCHOOLS**

Facility Condition Assessment (FCA)

Grades: n/a

enrollment: n/a

**Grounds Building**

Year Built: unknown

teaching stations: n/a

417 E. Hines Street, Midland, MI

Building Size: 7,700

capacity: n/a

**Building Project Work List**

Site Size:

1.126

Date: 11/15/24

Category	Subcategory	Description	Qty	Unit	Unit Cost	Direct Cost	Direct w/ Escalation	Total w/ Indirect Costs	Phase / Series	Priority	Category
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**REMODELING WORK**

**Technology Infrastructure**

network and wireless infrastructure (2027)	1	allo	9,000.00	9,000	10,130	13,112	1	2	5.1
replace UPSs (2025)	1	each	3,000.00	3,000	3,377	4,371	1	2	5.1

**Technology Infrastructure Subtotal: 13,506 17,483**

**Technology Safety & Security**

add emergency alert system	1	allo	4,000.00	4,000	4,502	5,828	1	1	4.5
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**Technology Safety & Security Subtotal: 4,502 5,828**  
**Technology & Safety Infrastructure Subtotal: 18,008 23,311**  
**REMODELING SUBTOTAL: 18,008 23,311**

**FURNITURE, FURNISHINGS AND EQUIPMENT**

**Non-Instructional Equipment**

purchase replacement printer/copiers (2028)	1	allo	12,000.00	12,000	13,506	13,506	1	2	5.1
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**Non-Instructional Equipment Subtotal: 13,506 13,506**  
**F, F, & E SUBTOTAL: 13,506 13,506**

**PROJECT TOTAL: 31,514 36,817**

Construction Contingency: 1,801  
 Permits / General Conditions: 594  
 Design Consultants: 1,377  
 C.M. Costs: 1,530  
**BUILDING TOTAL: 36,817**

**Notes:**

Indirect Costs include; contingency, general conditions & professional fees

## Utilization Summary

Midland Public Schools

56-010

List ALL district facilities in the following order: elementary schools, junior high/middle schools, high schools, and non-instructional facilities.

Proj. No.	Name of School Facility	Current Grade Structure	Proposed Grade Structure	Projected 5-Year Enrollment	Existing Pupil Capacity	New Pupil Capacity	Total Pupil Capacity	Utilization %	Closed Pupil Capacity
1	Adams Elementary	K-5	preK-5	405	425	0	425	95%	0
2	Central Park Elementary	K-5	preK-5	632	655	0	655	96%	0
3	Chestnut Elementary	K-5	preK-5	400	430	0	430	93%	0
4	Plymouth Elementary	K-5	preK-5	439	480	0	480	91%	0
5	Siebert Elementary	K-5	preK-5	452	495	0	495	91%	0
6	Woodcrest Elementary	K-5	preK-5	451	495	0	495	91%	0
7	New Elementary	K-5	preK-5	590	0	600	600	98%	0
8	Jefferson Middle	6-8	6-8	813	855	0	855	95%	0
9	Northeast Middle	6-8	6-8	978	0	1,013	1,013	97%	1,013
10	Dow High	9-12	9-12	1,181	1,190	0	1,190	99%	0
11	Midland High	9-12	9-12	1,266	1,445	0	1,445	88%	0
12	Auditorium	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
13	Carpenter	preK	n/a	n/a	n/a	n/a	n/a	n/a	n/a
14	Administration	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
15	Transportation	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
16	Grounds	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Total</b>		<b>preK-12</b>	<b>preK-12</b>	<b>7,607</b>	<b>6,470</b>	<b>1,613</b>	<b>8,083</b>	<b>94%</b>	<b>1012.5</b>

# Facility Summary

**Midland Public Schools**
**56-010**

List ALL district facilities in the following order: elementary schools, junior high/middle schools, high schools, and non-instructional facilities.

Proj. No.	1 Facility Type*	2 Name of School Facility	3 Address	4 City	5 Year Built	6 Total Sq.Ft.	7 New Site (Acres)	8 Bldg In Use? Y/N	9 Sq Ft of Closed Facility	10 Disposition of Closed Facility**
1	Instructional	Adams Elementary	1005 Adams Drive	Midland	1955	55,117	16	Yes	0	n/a
2	Instructional	Central Park Elementary	1400 Rodd St.	Midland	1998	84,860	15	Yes	0	n/a
3	Instructional	Chestnut Elementary	3900 Chestnut Hill	Midland	1957	33,994	11	Yes	0	n/a
4	Instructional	Plymouth Elementary	1105 E. Sugnet	Midland	1972	50,995	14	Yes	0	n/a
5	Instructional	Siebert Elementary	5700 Siebert Street	Midland	1998	49,942	14	Yes	0	n/a
6	Instructional	Woodcrest Elementary	5500 Drake	Midland	1962	51,314	16	Yes	0	n/a
7	Instructional	New Elementary	TBD	Midland	n/a	85,000	TBD	No	0	n/a
8	Instructional	Jefferson Middle	800 W. Chapel Lane	Midland	1962	112,246	22	Yes	0	n/a
9	Instructional	Northeast Middle	1305 E. Sugnet Road	Midland	1972	135,000	13	Yes	0	n/a
10	Instructional	Dow High	3901 N. Saginaw Road	Midland	2002	276,104	67	Yes	0	n/a
11	Instructional	Midland High	1301 Eastlawn Drive	Midland	1998	295,752	39	Yes	0	n/a
12	Instructional	Auditorium	305 East Reardon St.	Midland	1937	54,596	20	Yes	0	n/a
13	Instructional	Carpenter	1407 W. Carpenter Street	Midland	1926	37,934	5	Yes	37934	1
14	Non-Instructional	Administration	600 E. Carpenter Street	Midland	1998	27,558	10	Yes	0	n/a
15	Bus Garage	Transportation	410 E. Hines Street	Midland	2002	34,440	20	Yes	0	n/a
16	Non-Instructional	Grounds	417 E. Hines Street	Midland	2000	7,700	20	Yes	0	n/a
<b>Total</b>	-----	-----	-----	-----	----	<b>1,392,552</b>				-----

**\*Facility Type:**                      **\*\*Closed Facility Reference:**

Instructional	1. Demolish
Non-Instructional	2. Convert to non-instructional
Bus Garage	3. Sell or lease
Storage	4. Retain for future use
Stadium	5. Undetermined

## Cost Summary - SERIES 1

Midland Public Schools											56-010		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Proj. #	Cost per Sq Foot	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs
1			0	1,907,297	325,768	0	0		1,350,385		249,139	384,325	4,216,915
2			0	0	41,081	0	0		410,811		31,418	48,465	531,775
3			0	2,468,799	334,670	0	0		877,897		255,947	394,826	4,332,138
4			0	1,317,685	238,692	0	0		1,088,930		182,546	281,597	3,109,449
5			0	0	78,786	0	0		827,249		60,253	92,947	1,059,235
6			0	2,209,132	325,023	0	0		1,041,096		248,569	383,446	4,207,266
7			0	0	51,233	0	0		512,332		39,182	60,442	663,189
8			225,102	2,407,688	478,948	0	0		2,156,685		366,287	565,038	6,199,749
9			0	0	0	0	0		0		0	0	0
10	\$526	9,200	4,839,688	0	1,480,055	0	0		9,960,866		1,131,909	1,746,095	19,158,613
11	\$531	10,700	5,683,819	3,690,334	2,017,977	0	0		10,805,617		1,543,298	2,380,708	26,121,755
12			0	1,042,896	117,796	57,964	83,288		33,765		90,087	138,970	1,564,766
13			0	0	0	0	0		0		0	0	0
14			0	1,183,585	122,298	0	147,442		0		93,530	144,281	1,691,136
15			0	76,535	7,653	0	13,506	2,094,572	0		5,853	9,029	2,207,148
16			0	18,008	1,801	0	13,506		0		1,377	2,125	36,817
<b>Total</b>	<b>\$529</b>	<b>19,900</b>	<b>10,748,609</b>	<b>16,321,960</b>	<b>5,621,780</b>	<b>57,964</b>	<b>257,742</b>	<b>2,094,572</b>	<b>29,065,632</b>	<b>0</b>	<b>4,299,397</b>	<b>6,632,295</b>	<b>75,099,950</b>

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$738,161

LESS: Estimated Interest Earnings: -\$838,111

Other (specify): \$0

**AMOUNT OF PROPOSED ISSUE** **\$75,000,000**  
*(Amount to be Qualified)*

## Cost Summary - SERIES 2

Midland Public Schools											56-010		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Proj. #	Cost per Sq Foot	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs
1			0	0	0	0	0		0		0	0	0
2			0	351,046	35,105	0	0		0		26,847	41,415	454,413
3			0	0	0	0	0		0		0	0	0
4			0	33,765	3,377	0	0		0		2,582	3,983	43,708
5			0	2,015,175	201,517	0	0		0		154,116	237,740	2,608,548
6			0	0	0	0	0		0		0	0	0
7	\$439	85,000	37,310,617	0	3,954,453	669,228	532,366		1,401,033	1,266,197	3,024,267	4,665,266	52,823,426
8	\$450	14,200	6,392,890	6,474,746	1,389,323	616,666	672,188		0		1,062,520	1,639,054	18,247,387
9			0	0	0	0	0		0		0	0	0
10			0	0	0	0	0		0		0	0	0
11			0	0	0	0	0		0		0	0	0
12			0	0	0	0	0		0		0	0	0
13			0	0	51,233	0	0		512,332		39,182	60,442	663,189
14			0	0	0	0	0		0		0	0	0
15			0	0	0	0	0	335,126	0		0	0	335,126
16			0	0	0	0	0		0		0	0	0
<b>Total</b>	<b>\$445</b>	<b>99,200</b>	<b>43,703,508</b>	<b>8,874,732</b>	<b>5,635,008</b>	<b>1,285,894</b>	<b>1,204,553</b>	<b>335,126</b>	<b>1,913,365</b>	<b>1,266,197</b>	<b>4,309,513</b>	<b>6,647,900</b>	<b>75,175,796</b>

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$663,161

LESS: Estimated Interest Earnings: -\$838,957

Other (specify): \$0

**AMOUNT OF PROPOSED ISSUE** **\$75,000,000**  
*(Amount to be Qualified)*

### Cost Summary - SERIES 3

Midland Public Schools												56-010	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Proj. #	Cost per Sq Foot	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs
1			0	0	0	0	0		0		0	0	0
2			0	0	0	0	0		0		0	0	0
3			0	0	0	0	0		0		0	0	0
4			0	0	0	0	0		0		0	0	0
5			0	0	0	0	0		0		0	0	0
6			0	0	0	0	0		0		0	0	0
7			0	0	0	0	0		0		0	0	0
8			0	0	0	0	0		0		0	0	0
9	\$433	125,522	54,391,150	0	5,651,029	0	0		2,119,136		4,321,765	6,666,801	73,149,880
10			0	0	0	0	0		0		0	0	0
11			0	0	0	0	0		0		0	0	0
12			0	0	0	0	0		0		0	0	0
13			0	0	0	0	0		0		0	0	0
14			0	0	0	0	0		0		0	0	0
15			0	0	0	0	0	2,025,916	0		0	0	2,025,916
16			0	0	0	0	0		0		0	0	0
<b>Total</b>	<b>\$433</b>	<b>125,522</b>	<b>54,391,150</b>	<b>0</b>	<b>5,651,029</b>	<b>0</b>	<b>0</b>	<b>2,025,916</b>	<b>2,119,136</b>	<b>0</b>	<b>4,321,765</b>	<b>6,666,801</b>	<b>75,175,796</b>

**17. Funding:**

PLUS: Election/Bond Issue Costs: \$663,161

LESS: Estimated Interest Earnings: -\$838,957

Other (specify): \$0

**AMOUNT OF PROPOSED ISSUE** **\$75,000,000**  
*(Amount to be Qualified)*



## Cost Summary - SERIES 4

Midland Public Schools											56-010		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Proj. #	Cost per Sq Foot	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs
1			0	0	35,463	167,926	364,198		0		27,121	41,838	<b>636,546</b>
2			0	535,905	90,732	529,777	54,024		0		69,390	107,041	<b>1,386,870</b>
3			0	0	38,827	311,316	231,821		0		29,694	45,806	<b>657,463</b>
4			0	425,442	90,941	314,130	341,029		0		69,549	107,288	<b>1,348,379</b>
5			0	0	32,607	157,684	335,075		0		24,937	38,468	<b>588,771</b>
6			0	0	48,014	331,012	342,830		0		36,720	56,645	<b>815,221</b>
7			0	0	0	0	0		0		0	0	<b>0</b>
8			0	0	0	0	0		0		0	0	<b>0</b>
9	\$539	9,478	5,109,844	0	844,571	644,129	827,249		2,154,078		645,906	996,382	<b>11,222,158</b>
10			0	14,840,815	1,813,351	1,389,328	2,337,142		0		1,386,806	2,139,301	<b>23,906,743</b>
11			0	10,021,305	1,336,834	1,477,230	2,334,080		0		1,022,377	1,577,130	<b>17,768,958</b>
12			0	0	0	0	0		0		0	0	<b>0</b>
13			0	0	0	0	0		0		0	0	<b>0</b>
14			0	0	0	0	0		0		0	0	<b>0</b>
15			0	0	0	0	0	1,800,947	0		0	0	<b>1,800,947</b>
16			0	0	0	0	0		0		0	0	<b>0</b>
<b>Total</b>	<b>\$539</b>	<b>9,478</b>	<b>5,109,844</b>	<b>25,823,468</b>	<b>4,331,341</b>	<b>5,322,531</b>	<b>7,167,448</b>	<b>1,800,947</b>	<b>2,154,078</b>	<b>0</b>	<b>3,312,501</b>	<b>5,109,899</b>	<b>60,132,057</b>

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$539,013

LESS: Estimated Interest Earnings: -\$671,070

Other (specify): \$0

**AMOUNT OF PROPOSED ISSUE** **\$60,000,000**  
*(Amount to be Qualified)*

## Cost Summary - SERIES 1-4

Midland Public Schools											56-010		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Proj. #	Cost per Sq Foot	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs
1	\$ -	-	0	1,907,297	361,231	167,926	364,198		1,350,385		276,261	426,163	<b>4,853,461</b>
2	\$ -	-	0	886,952	166,918	529,777	54,024		410,811		127,655	196,922	<b>2,373,058</b>
3	\$ -	-	0	2,468,799	373,496	311,316	231,821		877,897		285,641	440,632	<b>4,989,601</b>
4	\$ -	-	0	1,776,893	333,009	314,130	341,029		1,088,930		254,677	392,868	<b>4,501,536</b>
5	\$ -	-	0	2,015,175	312,910	157,684	335,075		827,249		239,306	369,156	<b>4,256,554</b>
6	\$ -	-	0	2,209,132	373,037	331,012	342,830		1,041,096		285,289	440,090	<b>5,022,487</b>
7	\$ 439	85,000	37,310,617	0	4,005,686	669,228	532,366		1,913,365	1,266,197	3,063,448	4,725,708	<b>53,486,615</b>
8	\$ 466	14,200	6,617,992	8,882,434	1,868,271	616,666	672,188		2,156,685		1,428,807	2,204,093	<b>24,447,135</b>
9	\$ 441	135,000	59,500,994	0	6,495,599	644,129	827,249		4,273,213		4,967,672	7,663,183	<b>84,372,039</b>
10	\$ 526	9,200	4,839,688	14,840,815	3,293,407	1,389,328	2,337,142		9,960,866		2,518,715	3,885,397	<b>43,065,357</b>
11	\$ 531	10,700	5,683,819	13,711,639	3,354,811	1,477,230	2,334,080		10,805,617		2,565,676	3,957,839	<b>43,890,713</b>
12	\$ -	-	0	1,042,896	117,796	57,964	83,288		33,765		90,087	138,970	<b>1,564,766</b>
13	\$ -	-	0	0	51,233	0	0		512,332		39,182	60,442	<b>663,189</b>
14	\$ -	-	0	1,183,585	122,298	0	147,442		0		93,530	144,281	<b>1,691,136</b>
15	\$ -	-	0	76,535	7,653	0	13,506	6,256,561	0		5,853	9,029	<b>6,369,137</b>
16	\$ -	-	0	18,008	1,801	0	13,506		0		1,377	2,125	<b>36,817</b>
<b>Total</b>	<b>\$150</b>	<b>254,100</b>	<b>113,953,110</b>	<b>51,020,160</b>	<b>21,239,157</b>	<b>6,666,389</b>	<b>8,629,743</b>	<b>6,256,561</b>	<b>35,252,211</b>	<b>1,266,197</b>	<b>16,243,176</b>	<b>25,056,896</b>	<b>285,583,599</b>

### 17. Funding:

PLUS: Election/Bond Issue Costs: \$2,603,496

LESS: Estimated Interest Earnings: -\$3,187,095

Other (specify): \$0

**AMOUNT OF PROPOSED ISSUE** **\$285,000,000**  
*(Amount to be Qualified)*

### 3881, Worksheet 1: Useful Life Calculation - SERIES 1

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Category	Useful Life Years
<b>New School Building</b>	40
<b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
<b>Roofing</b>	20
<b>Flooring</b>	10
<b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
<b>Technology Infrastructure</b> - cables, networks, etc.	10
<b>Buses</b>	6
<b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Follow Column Instructions	→	Enter Value	Col. 1 + Col. 2	Enter Value	Enter Value	Col. 4 + Col. 5	Col. 6 ÷ Col. 6 Total	Col. 3 x Col. 7
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Asset Type	Average Useful Life of Asset (in Years)	Time between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	1	41	10,748,609	3,224,583	13,973,192	28.95%	11.87
Building Improvements	30	1	31	12,650,301	3,795,090	16,445,392	34.07%	10.56
Roofing	20	0	20	1,561,081	468,324	2,029,405	4.20%	0.84
Flooring	10	1	11	7,732,358	2,319,707	10,052,065	20.83%	2.29
Furnishing/ Equipment	10	1	11	218,349	60,046	278,395	0.58%	0.06
Technology Infrastructure	10	0	10	2,353,777	706,133	3,059,910	6.34%	0.63
Technology (instr/non-instr)	5	0	5	259,430	71,343	330,773	0.69%	0.03
Buses	6	0	6	2,094,572	0	2,094,572	4.34%	0.26
Total for purposes of determining weighted avg useful life				37,618,476	10,645,227	48,263,703	100.00%	26.56

120% of average useful life of assets → 31.87

### 3881, Worksheet 1: Useful Life Calculation - SERIES 2

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Category	Useful Life Years
<b>New School Building</b>	40
<b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
<b>Roofing</b>	20
<b>Flooring</b>	10
<b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
<b>Technology Infrastructure</b> - cables, networks, etc.	10
<b>Buses</b>	6
<b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Follow Column Instructions	→							
	Enter Value	Col. 1 + Col. 2	Enter Value	Enter Value	Col. 4 + Col. 5	Col. 6 ÷ Col. 6 Total	Col. 3 x Col. 7	
Asset Type	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
	Average Useful Life of Asset (in Years)	Time between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	0	40	44,969,705	0	44,969,705	66.01%	26.40
Building Improvements	30	0	30	6,290,954	1,887,286	8,178,241	12.00%	3.60
Roofing	20	0	20	2,457,323	737,197	3,194,520	4.69%	0.94
Flooring	10	0	10	5,761,462	1,728,439	7,489,900	10.99%	1.10
Furnishing/ Equipment	10	0	10	1,204,553	331,252	1,535,805	2.25%	0.23
Technology Infrastructure	10	0	10	509,630	152,889	662,520	0.97%	0.10
Technology (instr/non-instr)	5	0	5	1,380,437	379,620	1,760,057	2.58%	0.13
Buses	6	0	6	335,126	0	335,126	0.49%	0.03
Total for purposes of determining weighted avg useful li				62,909,190	5,216,683	68,125,874	100.00%	32.52

120% of average useful life of assets → 39.03

### 3881, Worksheet 1: Useful Life Calculation - SERIES 3

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Category	Useful Life Years
<b>New School Building</b>	40
<b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
<b>Roofing</b>	20
<b>Flooring</b>	10
<b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
<b>Technology Infrastructure</b> - cables, networks, etc.	10
<b>Buses</b>	6
<b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Follow Column Instructions	→	Enter Value	Col. 1 + Col. 2	Enter Value	Enter Value	Col. 4 + Col. 5	Col. 6 ÷ Col. 6 Total	Col. 3 x Col. 7
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Asset Type	Average Useful Life of Asset (in Years)	Time between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	0	40	54,391,150	0	54,391,150	85.30%	34.12
Building Improvements	30	0	30	5,651,029	1,695,309	7,346,337	11.52%	3.46
Roofing	20	0	20	0	0	0	0.00%	0.00
Flooring	10	0	10	0	0	0	0.00%	0.00
Furnishing/ Equipment	10	0	10	0	0	0	0.00%	0.00
Technology Infrastructure	10	0	10	0	0	0	0.00%	0.00
Technology (instr/non-instr)	5	0	5	0	0	0	0.00%	0.00
Buses	6	0	6	2,025,916	0	2,025,916	3.18%	0.19
Total for purposes of determining weighted avg useful life				62,068,094	1,695,309	63,763,403	100.00%	37.77

120% of average useful life of assets → 45.32

### 3881, Worksheet 1: Useful Life Calculation - SERIES 4

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Category	Useful Life Years
<b>New School Building</b>	40
<b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
<b>Roofing</b>	20
<b>Flooring</b>	10
<b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
<b>Technology Infrastructure</b> - cables, networks, etc.	10
<b>Buses</b>	6
<b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Follow Column Instructions	→		Col. 1 + Col. 2	Enter Value	Enter Value	Col. 4 + Col. 5	Col. 6 ÷ Col. 6 Total	Col. 3 x Col. 7
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Asset Type	Average Useful Life of Asset (in Years)	Time between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	0	40	9,441,185	3,776,474	13,217,658	22.13%	8.85
Building Improvements	30	0	30	15,706,843	4,712,053	20,418,897	34.19%	10.26
Roofing	20	0	20	7,906,238	2,371,871	10,278,109	17.21%	3.44
Flooring	10	0	10	0	0	0	0.00%	0.00
Furnishing/ Equipment	10	0	10	7,167,448	215,023	7,382,472	12.36%	1.24
Technology Infrastructure	10	0	10	1,105,193	33,156	1,138,349	1.91%	0.19
Technology (instr/non-instr)	5	0	5	5,322,531	159,676	5,482,207	9.18%	0.46
Buses	6	0	6	1,800,947	0	1,800,947	3.02%	0.18
Total for purposes of determining weighted avg useful li				48,450,386	11,268,253	59,718,639	100.00%	24.62

120% of average useful life of assets → 29.54

### 3881, Worksheet 1: Useful Life Calculation

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Category	Useful Life Years
<b>New School Building</b>	40
<b>Building Improvements</b> - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
<b>Roofing</b>	20
<b>Flooring</b>	10
<b>Furnishings and Equipment</b> - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
<b>Technology Infrastructure</b> - cables, networks, etc.	10
<b>Buses</b>	6
<b>Technology</b> (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Follow Column Instructions	→	Enter Value	Col. 1 + Col. 2	Enter Value	Enter Value	Col. 4 + Col. 5	Col. 6 ÷ Col. 6 Total	Col. 3 x Col. 7
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Asset Type	Average Useful Life of Asset (in Years)	Time between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	1	41	115,219,307	34,565,792	149,785,099	54.04%	22.15
Building Improvements	30	1	31	34,059,209	10,217,763	44,276,972	15.97%	4.95
Roofing	20	0	20	11,924,642	3,577,393	15,502,035	5.59%	1.12
Flooring	10	0	10	26,275,466	7,882,640	34,158,105	12.32%	1.23
Furnishing/ Equipment	10	0	10	8,590,350	2,362,346	10,952,696	3.95%	0.40
Technology Infrastructure	10	0	10	5,073,794	1,522,138	6,595,932	2.38%	0.24
Technology (instr/non-instr)	5	0	5	7,583,678	2,085,512	9,669,190	3.49%	0.17
Buses	6	0	6	6,256,561	0	6,256,561	2.26%	0.14
Total for purposes of determining weighted avg useful life				214,983,007	62,213,583	277,196,590	100.00%	30.40

120% of average useful life of assets → 36.48