



Hilltop Elementary School

Building Review
October 19, 2022



WELCOME

AGENDA

Goals of Facility Committee
Hilltop ES Building Overview
Building Assessment
Educational Adequacy
Next Steps
Building Tour



FACILITY PLANNING COMMITTEE

Purpose and Goals

- Determine a solution to current facility challenges
- Appropriately plan for the future - Ensure facilities properly support the educational program
- Evaluate data and costs to address facility issues
- Examine the impact of well-designed educational architecture on districts
- Investigate master plan options and costs
- Identify and address community concerns
- **Make a consensus Master Plan recommendation to the Board of Education**



HILLTOP ELEMENTARY OVERVIEW

Michael Flood, Principal

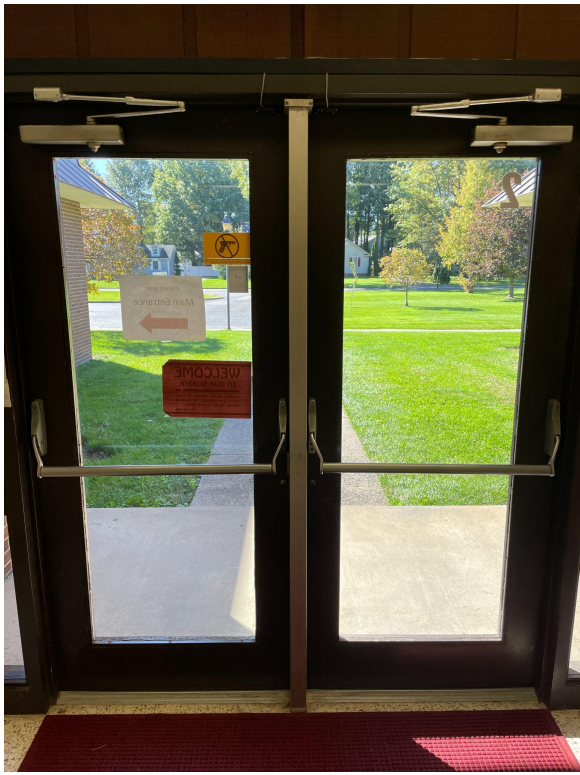


HILLTOP ELEMENTARY OVERVIEW

Number of Staff:	68
Number of Students:	487
Hilltop Built:	1974
Addition:	1999

Building Challenges:

- Open classrooms (sound & security)
- Undersized spaces (e.g. kitchen very undersized)
- Parking lot drainage
- Traffic back-up at arrival/dismissal
- Temperature control
- Limited parking
- Exterior facade deterioration
- Kitchen is very undersized for population it serves
- Main entry doesn't filter visitors to main office
- Lack of exterior lighting



AGENDA

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METHODOLOGY



METHODOLOGY

Facilities Assessment/Validation Report

- Identifies items in need of replacement due to age, condition, or non compliance with current school standards in Ohio
- Living document which is updated regularly to capture changes in condition and/or recent improvements
- Guides in the master planning decision process
- Provides community with updated transparent information

Basis of Analysis

- Ohio School Design Manual Standards for K-12 Construction
- Building Code & ADA Regulations
- Ohio Facilities Construction Commission Cost Guidelines 2022

23 POINT CHECKLIST – “A-W ITEMS”

A. HVAC	M. Emergency /Egress Lighting
B. Roofing	N. Fire Alarm System
C. Air Conditioning/Ventilation	O. Handicapped access
D. Electrical System	P. Site Condition
E. Plumbing & Fixtures	Q. Sewage System
F. Windows	R. Water Supply
G. Structure: Foundation	S. Exterior Doors
H. Structure: Walls & Chimneys	T. Hazardous Material
I. Structure: Floors & Roofs	U. Life Safety
J. General Finishes	V. Loose Furnishings
K. Interior Lighting	W. Technology
L. Security Systems	

ASSESSMENT FINDINGS

HILLTOP ELEMENTARY SCHOOL Facilities Assessment Cost Summary - OFCC Updated October 2022				
	Item	2018 Schorr Assessment with 2021 Cost Set Applied	2021 TDA Validation	Current October 2022 Assessment Cost Set Applied
A.	Heating System	\$ 2,411,557.80	\$ 2,411,557.80	\$ 3,517,155.07
B.	Roofing	\$ 911,838.30	\$ 911,838.30	\$ 1,452,721.07
C.	Ventilation / Air Conditioning	\$ -	\$ -	\$ -
D.	Electrical Systems	\$ 1,436,736.55	\$ 1,436,736.55	\$ 2,022,829.08
E.	Plumbing and Fixtures	\$ 597,723.00	\$ 587,623.00	\$ 688,571.59
F.	Windows	\$ 284,340.00	\$ 284,340.00	\$ 333,452.00
G.	Structure: Foundation	\$ -	\$ -	\$ -
H.	Structure: Walls and Chimneys	\$ 35,250.00	\$ 47,330.00	\$ 55,492.24
I.	Structures: Floors and Roofs	\$ -	\$ -	\$ -
J.	General Finishes	\$ 1,537,064.40	\$ 1,707,256.40	\$ 2,581,908.69
K.	Interior Lighting	\$ 389,928.50	\$ 369,713.50	\$ 436,901.18
L.	Security Systems	\$ 230,957.65	\$ 355,957.65	\$ 416,800.39
M.	Emergency /Egress Lighting	\$ 59,989.00	\$ 59,989.00	\$ 70,187.13
N.	Fire Alarm	\$ 146,973.05	\$ 146,973.05	\$ 211,161.28
O.	Handicapped Access	\$ 231,497.80	\$ 243,497.80	\$ 285,278.12
P.	Site Condition	\$ 172,488.85	\$ 471,821.10	\$ 536,802.79
Q.	Sewage System	\$ -	\$ -	\$ -
R.	Water Supply	\$ -	\$ -	\$ -
S.	Exterior Doors	\$ 63,500.00	\$ 68,500.00	\$ 80,329.95
T.	Hazardous Material	\$ 33,054.00	\$ 33,054.00	\$ 38,783.36
U.	Life Safety	\$ 221,964.80	\$ 231,964.80	\$ 311,135.10
V.	Loose Furnishings	\$ 389,928.50	\$ 389,928.50	\$ 457,116.18
W.	Technology	\$ 719,868.00	\$ 719,868.00	\$ 844,045.23
	Subtotal:	\$ 9,874,660.20	\$ 10,477,949.45	\$ 14,340,670.45
X.	Construction Contingency - 7%	\$ 691,226.21	\$ 733,456.46	\$ 1,003,846.93
	Subtotal	\$ 10,565,886.41	\$ 11,211,405.91	\$ 15,344,517.38
	Non Construction Contingency - 16.29%	\$ 1,721,182.90	\$ 1,826,338.02	\$ 2,499,621.88
	Subtotal	\$ 12,287,069.31	\$ 13,037,743.93	\$ 17,844,139.26
	Total Cost regional cost factor applied (106.4 in 2021 - 105.52 in 2022):	\$ 13,073,441.75	\$ 13,872,159.55	\$ 18,829,135.75
	Grand Total Budget	\$ 13,073,441.75	\$ 13,872,159.55	\$ 18,829,135.75
Renovation vs. Rebuild Percentage				84%

ASSESSMENT - CONDITION

As with most schools built in the 1970's, Hilltop Elementary School has HVAC and electrical systems that have reached or exceeded their useful life.

The current HVAC system is a rooftop and is not an OSDM compliant system.



ASSESSMENT - CONDITION



Northeastern Ohio weather elements have taken a toll on our aging exterior building envelope systems, such as roof and exterior masonry facades, allowing for air and water infiltration.



ASSESSMENT - CONDITION



Though well maintained, many of the general finishes are beginning to show signs of wear. Some classroom features are limited in terms of quantities, such as classroom casework (storage).

ASSESSMENT - CONDITION



Some building components are inadequate or non-existent. Interior lighting levels are below benchmark standards in some spaces, there is no fire suppression system, and although a single-story building, Hilltop does have some accessibility challenges (ADA), limitations and barriers.

ASSESSMENT - SITE ANALYSIS



ASSESSMENT - SITE ANALYSIS

Hilltop's setting is very 'park-like' with generous greenspace and acreage that is very suitable for outdoor learning and community use.



SITE ANALYSIS

Site challenges include routine flooding due to storm drains backing up during heavy rain events, lack of parking spaces and exterior lighting, and traffic back-ups onto Hilltop Road during arrival and dismissal times.



ASSESSMENT - SITE ANALYSIS



ASSESSMENT - FUNCTIONALITY / SPACE



BUILDING ADDITIONS

1970'S ORIGINAL CONSTRUCTION
1990 ADDITIONS

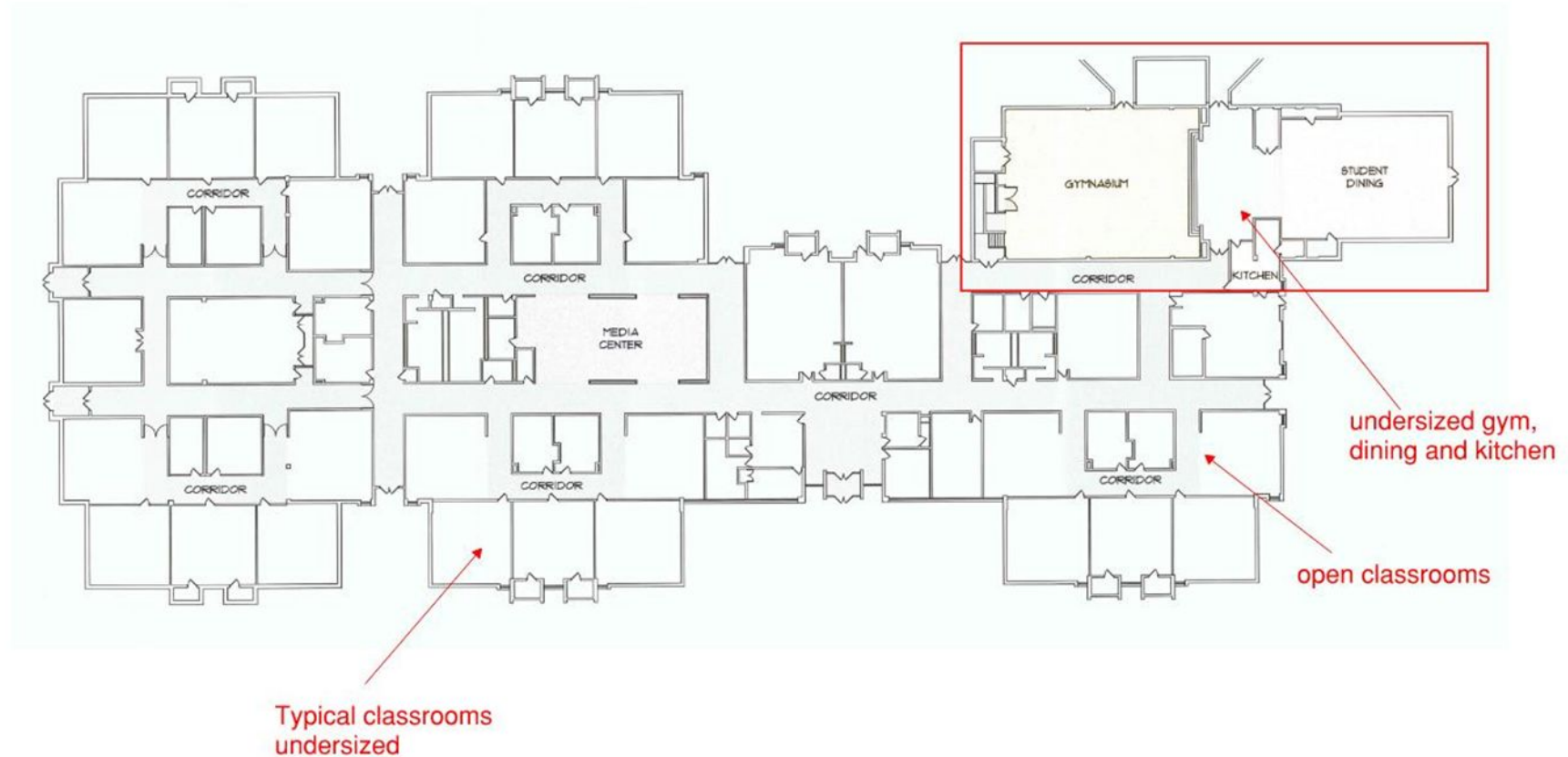
EDUCATIONAL ADEQUACY



CAPACITY

**TYPICAL SPACE
SIZES**

ASSESSMENT - FUNCTIONALITY / SPACE



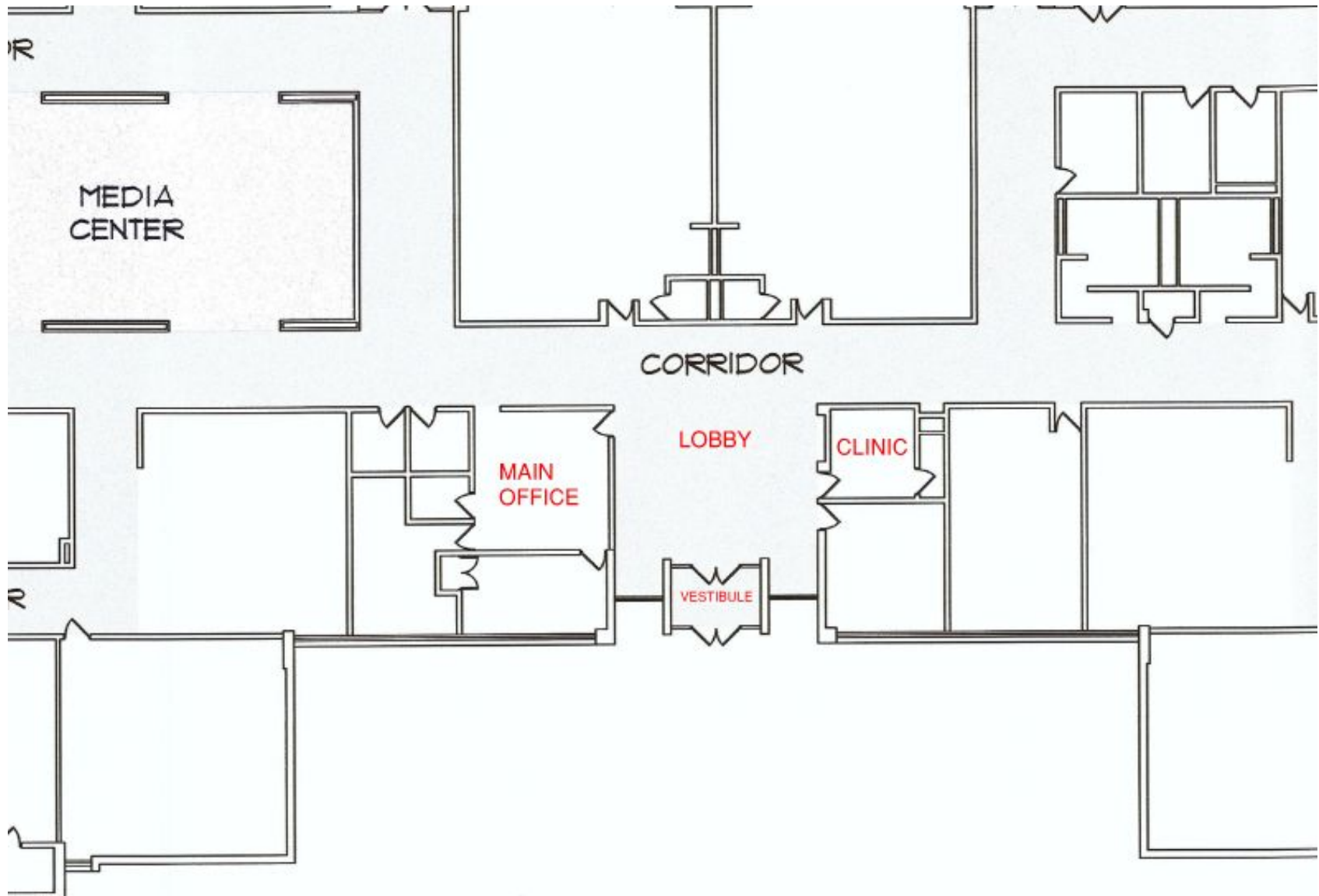
GENERAL:

- Typical classrooms are undersized compared to Ohio School Design Manual Standards
- Open classrooms throughout the facility are a safety concern in a security lock down situation
- Most large group spaces are undersized for the current enrollment when compared to state standards

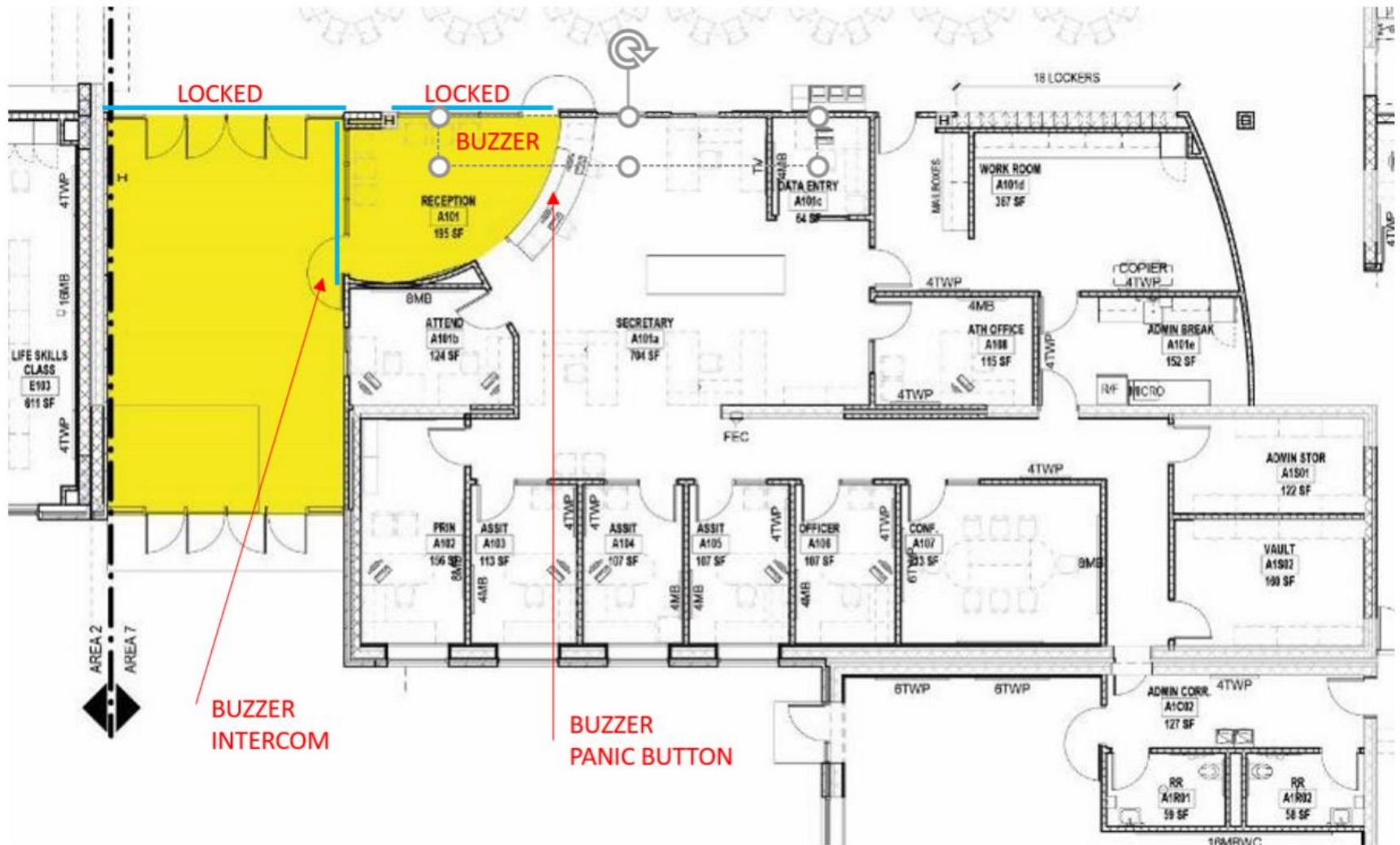
EDUCATIONAL ADEQUACY

Hilltop ES	Existing SF	Recommended SF	Delta
Average Classroom	750+/- SF	900 SF	-150 SF
Gymnasium	3,110 SF	4,000 SF	-890 SF
Cafeteria	2,257 SF	3,000 SF	-743 SF
Warming Kitchen	367 SF	894 SF	-527 SF
Media Center	1,784 SF	1,341 SF	+443 SF

EDUCATIONAL ADEQUACY - SAFETY & SECURITY



EDUCATIONAL ADEQUACY - SAFETY & SECURITY



— LAMINATED SECURITY GLAZING





PLANNING ROADMAP

EXISTING BUILDING DATA REVIEW & TOURS

OCTOBER - DECEMBER 2022



- Review and evaluate building data and costs
 - Assessment validations, educational adequacy, site analysis
- Building tours

EDUCATIONAL VISIONING SESSION

JANUARY 2023



- Collaborative information gathering session to inform direction for facilities
- Serves as foundation for the master planning process

MASTER PLAN OPTIONS

JANUARY - APRIL 2023



- Investigate various master plan options and associated costs
- Explore site options
- Discuss pros/cons

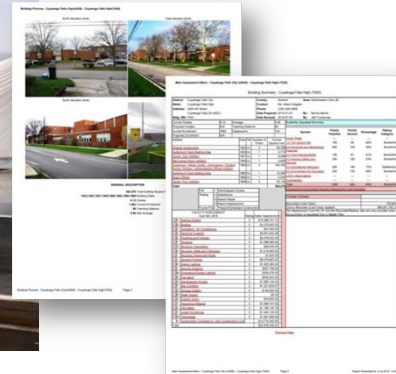
RECOMMENDATION TO BOARD OF EDUCATION

APRIL 2023



- Provide consensus master plan option to the Board of Education

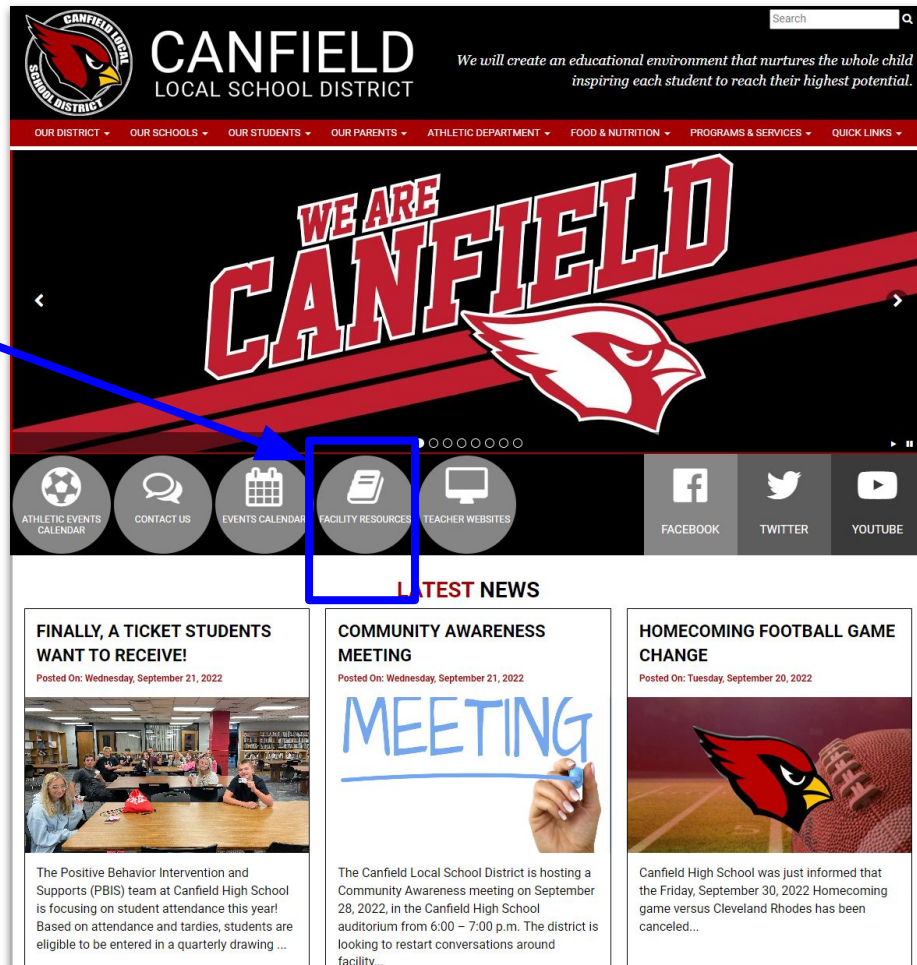
BUILDING DATA REVIEW & TOURS



- ~~October 19 from 6:00 - 7pm at Hilltop Elementary School~~
- October 26 from 6:00 - 7pm at C.H. Campbell Elementary School
- November 16 from 6:00 - 7pm at Canfield Village Middle School
- December 7 from 6:00 - 7pm at Canfield High School

STAY INFORMED

Dedicated Facility Webpage:
www.canfieldschools.net
‘Facility Resources’ Page



CANFIELD LOCAL SCHOOL DISTRICT
We will create an educational environment that nurtures the whole child inspiring each student to reach their highest potential.

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WE ARE CANFIELD

ATHLETIC EVENTS CALENDAR • CONTACT US • **EVENTS CALENDAR** • **FACILITY RESOURCES** • TEACHER WEBSITES

FACEBOOK • TWITTER • YOUTUBE

LATEST NEWS

FINALLY, A TICKET STUDENTS WANT TO RECEIVE!
Posted On: Wednesday, September 21, 2022

The Positive Behavior Intervention and Supports (PBIS) team at Canfield High School is focusing on student attendance this year! Based on attendance and tardies, students are eligible to be entered in a quarterly drawing ...

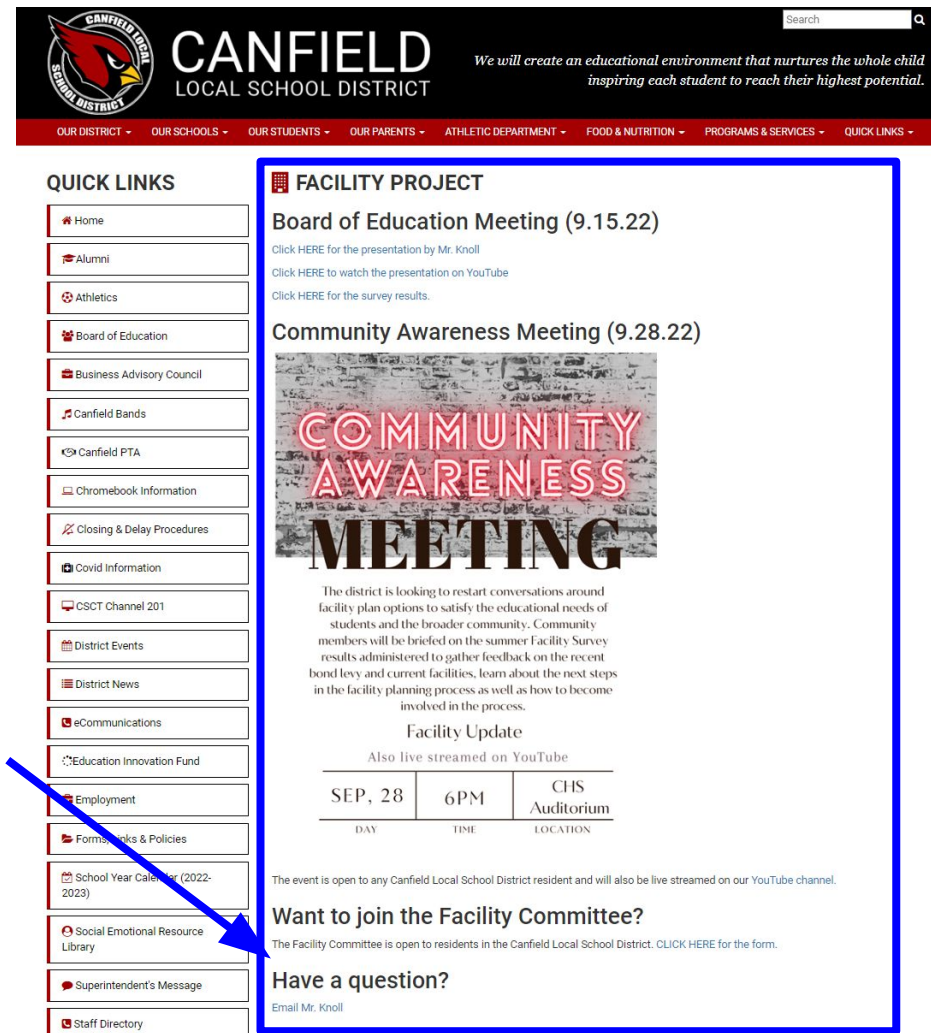
COMMUNITY AWARENESS MEETING
Posted On: Wednesday, September 21, 2022

MEETING

The Canfield Local School District is hosting a Community Awareness meeting on September 28, 2022, in the Canfield High School auditorium from 6:00 – 7:00 p.m. The district is looking to restart conversations around facility...

HOMECOMING FOOTBALL GAME CHANGE
Posted On: Tuesday, September 20, 2022

Canfield High School was just informed that the Friday, September 30, 2022 Homecoming game versus Cleveland Rhodes has been canceled...



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QUICK LINKS

- Home
- Alumni
- Athletics
- Board of Education
- Business Advisory Council
- Canfield Bands
- Canfield PTA
- Chromebook Information
- Closing & Delay Procedures
- Covid Information
- CSCS Channel 201
- District Events
- District News
- eCommunications
- Education Innovation Fund
- Employment
- Forms, Links & Policies
- School Year Calendar (2022-2023)
- Social Emotional Resource Library
- Superintendent's Message
- Staff Directory

FACILITY PROJECT

Board of Education Meeting (9.15.22)
Click [HERE](#) for the presentation by Mr. Knoll
Click [HERE](#) to watch the presentation on YouTube
Click [HERE](#) for the survey results.

Community Awareness Meeting (9.28.22)

COMMUNITY AWARENESS MEETING

The district is looking to restart conversations around facility plan options to satisfy the educational needs of students and the broader community. Community members will be briefed on the summer Facility Survey results administered to gather feedback on the recent bond levy and current facilities, learn about the next steps in the facility planning process as well as how to become involved in the process.

Facility Update
Also live streamed on YouTube

SEP, 28	6PM	CHS Auditorium
DAY	TIME	LOCATION

The event is open to any Canfield Local School District resident and will also be live streamed on our YouTube channel.

Want to join the Facility Committee?
The Facility Committee is open to residents in the Canfield Local School District. [CLICK HERE](#) for the form.

Have a question?
Email Mr. Knoll



HILLTOP ELEMENTARY SCHOOL BUILDING TOUR

