

Facilities Master Planning Phase Two

December 3-4, 2024

COMMUNITY ENGAGEMENT SESSION 2



Agenda – CES 2

Welcome and introductions – Dr. Robert Hunt

Guiding Principles and planning parameters – Dr. Robert Hunt

Educational Adequacy Assessment / Physical Adequacy Assessment and costs – Design Team

What's next – Dr. Robert Hunt

Feedback opportunity



OUR MISSION

CHALLENGE AND SUPPORT
EVERY STUDENT,
EVERY STEP OF THE WAY.

OUR VISION



OUR VALUES

START WITH HEART
STRENGTH IN TEAM
CONTAGIOUS DRIVE



EXCELLENCE & INNOVATION

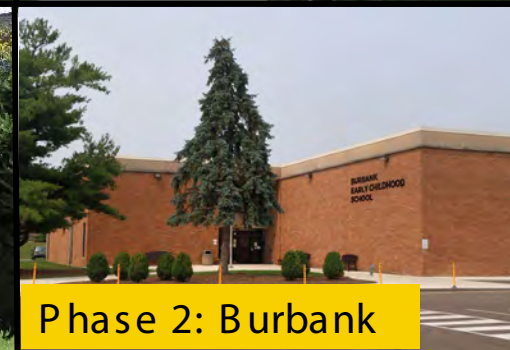
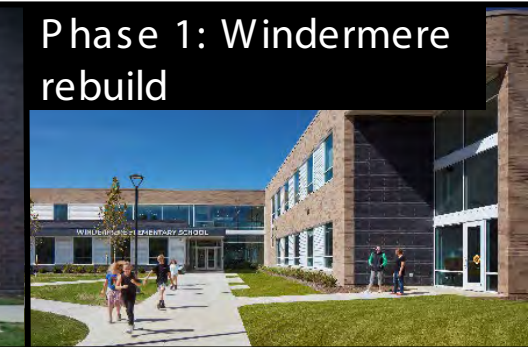
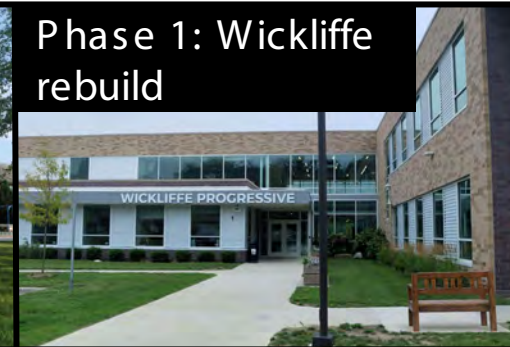
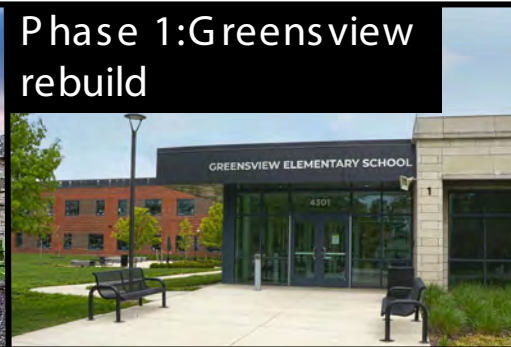
2030



Upper Arlington Schools Strategic Plan

PHASE ONE: WORK COMPLETED

PHASE TWO: WORK AHEAD OF US



**YOUR
VOICE
MATTERS**



The 3 "Buckets" For Facilities Needs (2015)

As Identified In The Physical Assessments

ZERO TO FIVE YEARS



UPPER ARLINGTON
HIGH SCHOOL

FIVE TO 10 YEARS



ALL FIVE ELEMENTARY
SCHOOLS PLUS BURBANK
EARLY CHILDHOOD SCHOOL

10 TO 15 YEARS



HASTINGS AND JONES
MIDDLE SCHOOLS

The 3 "Buckets" For Facilities Needs (2024)

As Identified In The Physical Assessments

ZERO TO FIVE YEARS



**HASTINGS AND JONES
MIDDLE SCHOOLS
BURBANK EARLY
CHILDHOOD SCHOOL**

FIVE TO 10 YEARS

10 TO 15 YEARS



Your Voice Matters

FACILITIES MASTER PLANNING: PHASE TWO

ASSESSMENT PHASE

JUL 2024 ———> DEC 2024

OPTIONS PHASE

DEC 2024 ———> JUN 2025

DECISIONS PHASE

JUN 2025 ———> OCT 2025

How Will Decisions Be Made?

Inform

Upper Arlington Community
Building & Student Teams
Facilities Task Force
Financial Advisory Board
Surveys / Feedback Forms



Recommend

Oversight Committee /
Superintendent



Decide

Board of Education

Guiding Principles (2024)

Our district's educational environments will:

1. Champion uniquely accomplished learners
2. Be fiscally responsible and community responsive
3. Foster and engage relationships
4. Bolster collaboration and creativity
5. Recognize the need for a safe place to learn and work



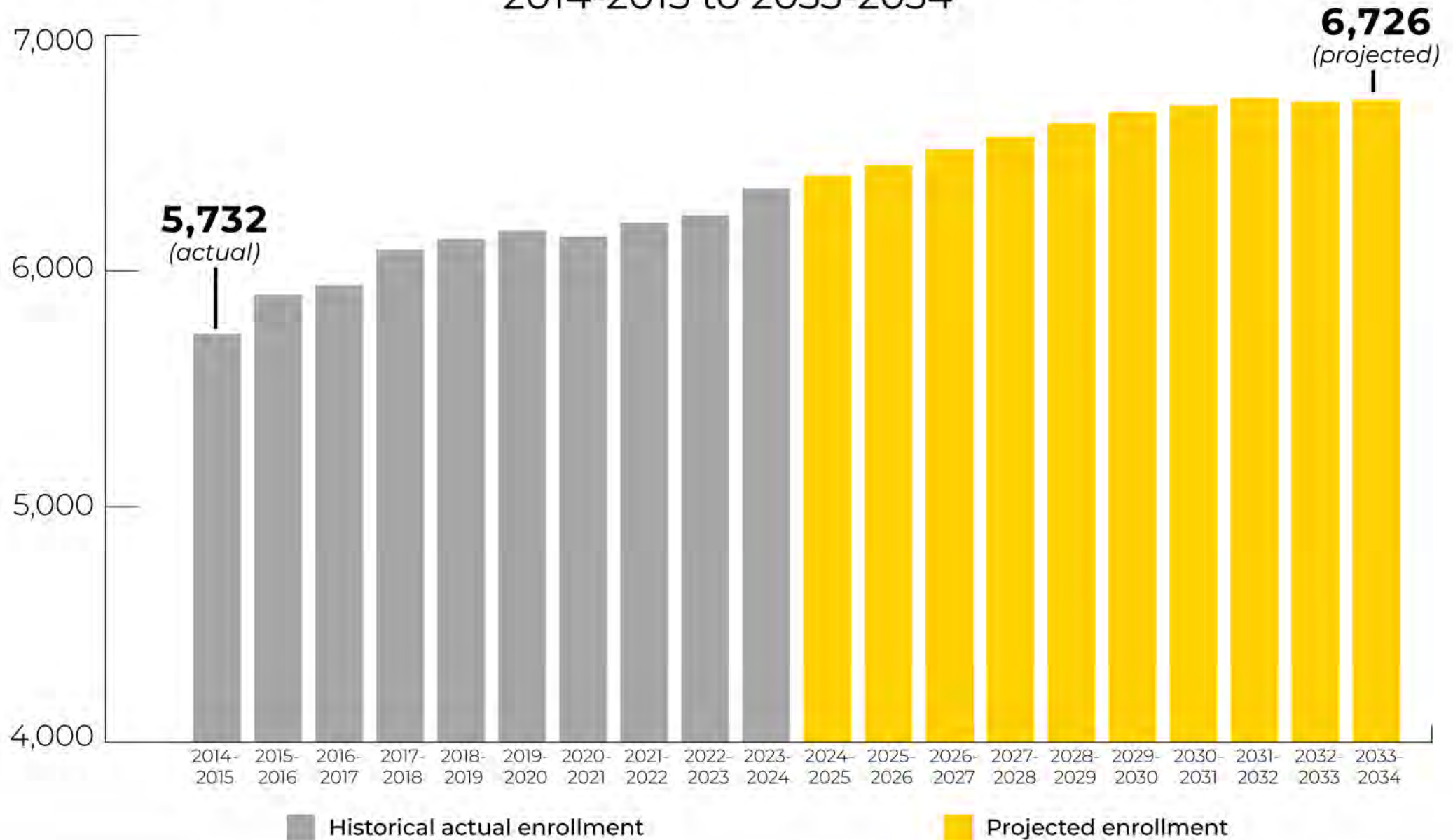
Planning Parameters

- Maximize community involvement in a process to create a sensible long-term plan for Hastings Middle School, Jones Middle School and Burbank Early Childhood School.
- Ensure a transparent process with no preconceived plans.
- Address current and future enrollment as well as possible future program requirements.
- Retain a two-middle school model; no redistricting.
- Any new construction or renovations should include modern-day, future-ready learning environments.
- Balance initial costs and lifecycle costs in construction standards to ensure any renovations or new construction will be long lasting and reasonable.
- Include easily accessible gender-specific and gender-neutral restroom facilities in each school.
- New or renovated facilities should provide spaces for learning, gathering, arts, athletics and activities that are comparable to both the current facility and other facilities in the same grade-level band.



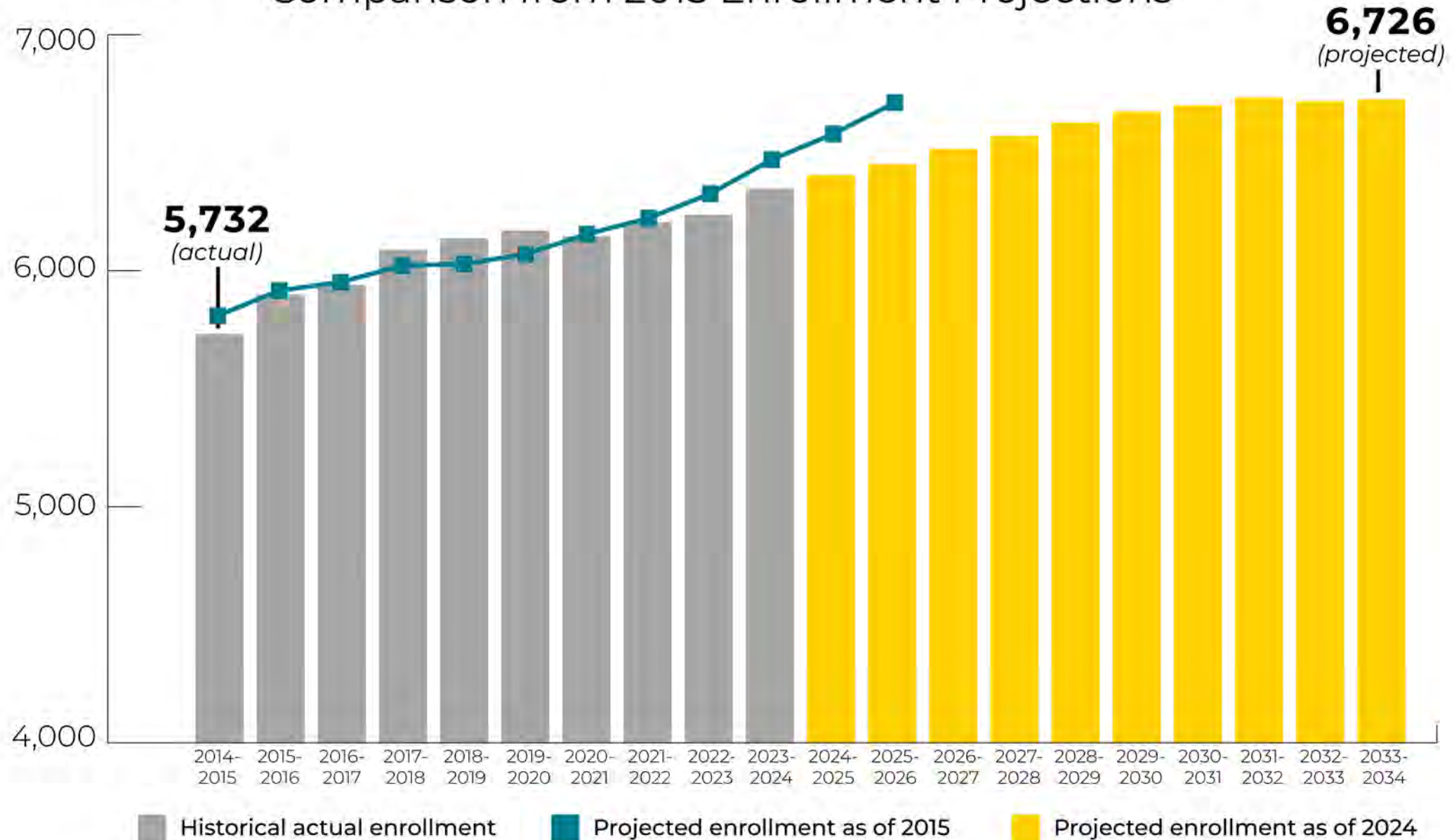
Historical and Projected Enrollment Growth, K-12

2014-2015 to 2033-2034



Historical and Projected Enrollment Growth, K-12

Comparison from 2015 Enrollment Projections



Educational Adequacy Assessment



Educational Assessment

What do we look at?

Lighting

Daylighting

Materials

Room
Size & Shape

Furniture/
Ergonomics

Circulation /
Adjacencies

Safety &
Security

Technology

Thermal
Comfort

Acoustics

Indoor Air
Quality

Flexibility

Supports
Collaboration



Educational Assessment

How do we do it?

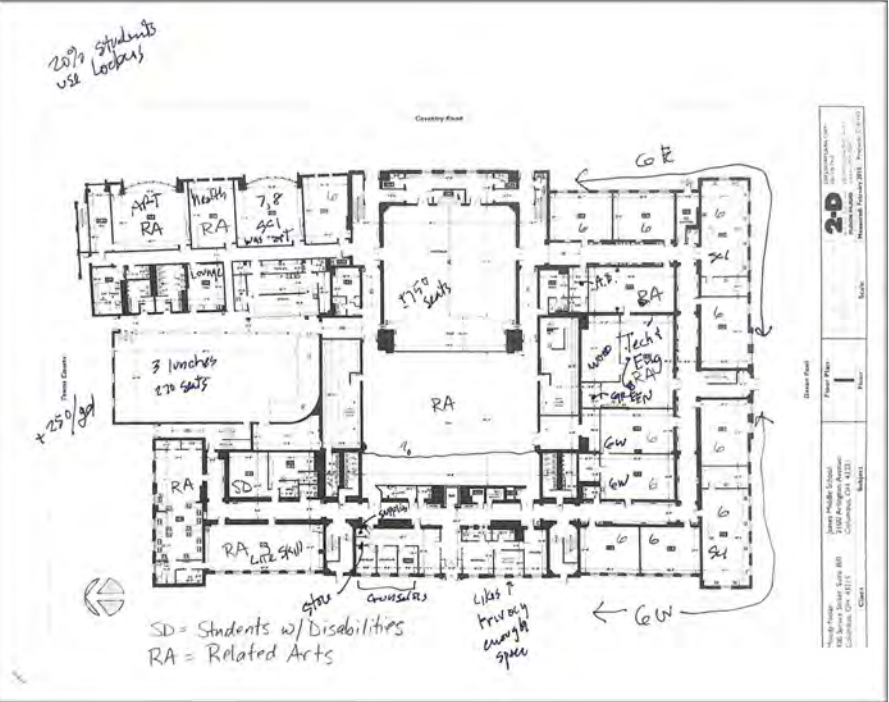


Student
Focus Groups

Principal
Meetings +
Site Visits

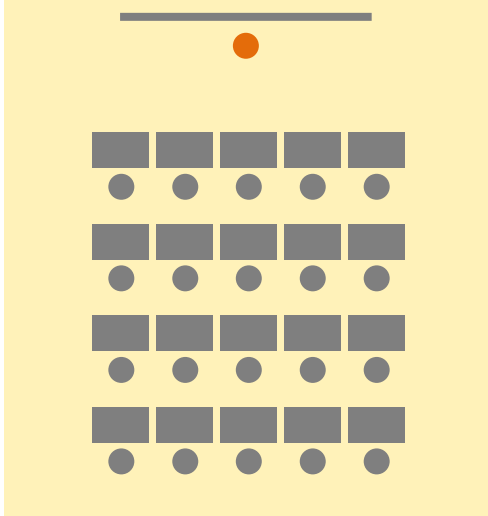
Building
Team
Meetings

Jones Middle School								
Completed October 29, 2024								
1- Guiding Principles: Does this UA School Facility:							Comments	
	1	2	3	4	5	N/A		
1.1a Support a personalized learning experience so each student succeeds		2					Do this in spite of	2
1.1b Maintain a steadfast commitment to the arts				4				4
1.1c Promote the continued importance of service learning						0	part of building culture	0
1.1d Support extracurricular activities and athletics		2						2
1.1e Pursue excellence by supporting collaborative, creative, flexible, engaging and authentic learning environments for all	1							1
2- Guiding Principles: Does this UA School Facility:							Comments	2.25
2.1a Provide the best return on investment, both financially and academically		2					Old	2
2.1b Honor our past with a focus on the future		2					Honor past well, not focus on future	2
2.1c Reflect what our community values				5			People love this building	5
2.1d Be environmentally sustainable	1							1
3- Guiding Principles: Does this UA School Facility:							Comments	2.5
3.1a Serve as a center of the school community				5				5
3.1b Advance leadership at all levels, for students and educators, within the community and nationally					0		Do in spite of	0
3.1c Cultivate relationships between the students, educators, parents and the community					0		Yes, Not sure facility has much to do with	0
3.1d Encourage collaboration with community organizations, business, universities and other school districts		2						2
4- Guiding Principles: Does this UA School Facility:							Comments	3.5
4.1a Support social, emotional and academic learning options and opportunities within and beyond the classroom		2						2



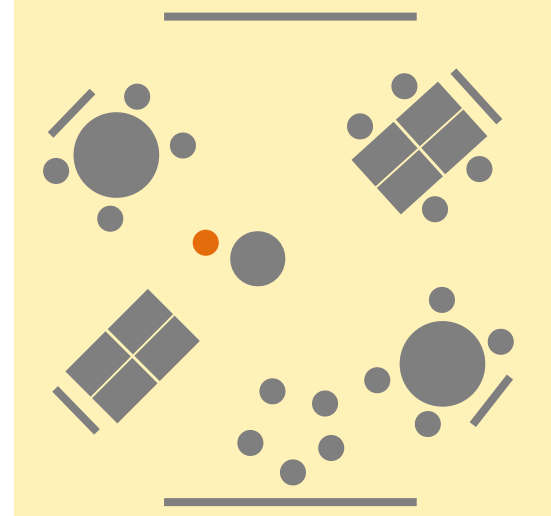
Today's Classroom

Flexible / Agile / Active



20th Century

- Teacher-centered
- Passive learning
- Organized by age/subject
- Rote memorization
- Industrial efficiency
- Efficient organized rows



Future Ready

- Student-centered
- Active learning
- Multi-age learning communities
- Project based and experiential
- Students not tied to fixed location
- Multiple furniture settings to support many learning modalities

Today's Classroom

Flexible / Agile / Active

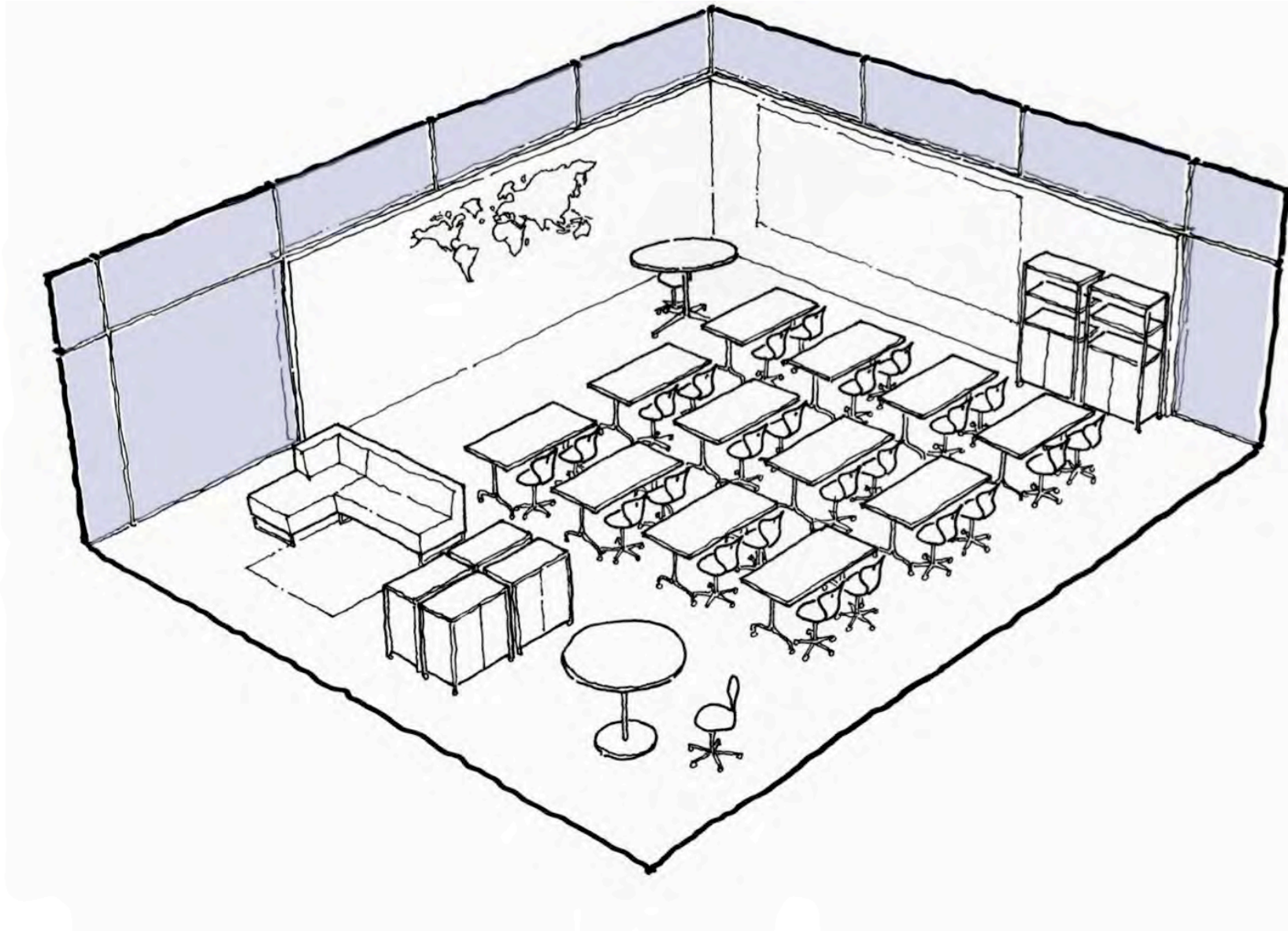
adaptable



Today's Classroom

Flexible / Agile / Active

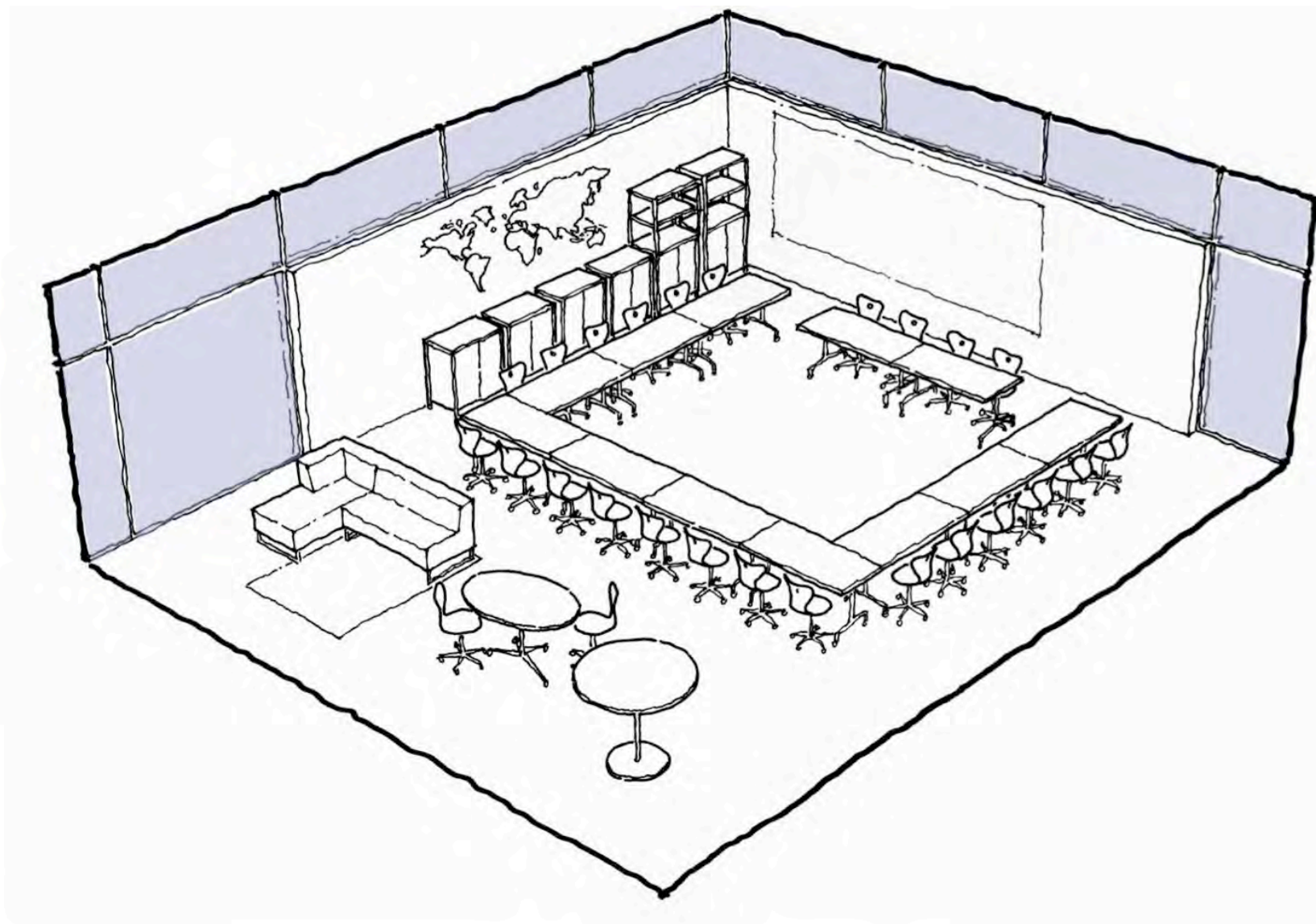
*traditional
lecture*



Today's Classroom

Flexible / Agile / Active

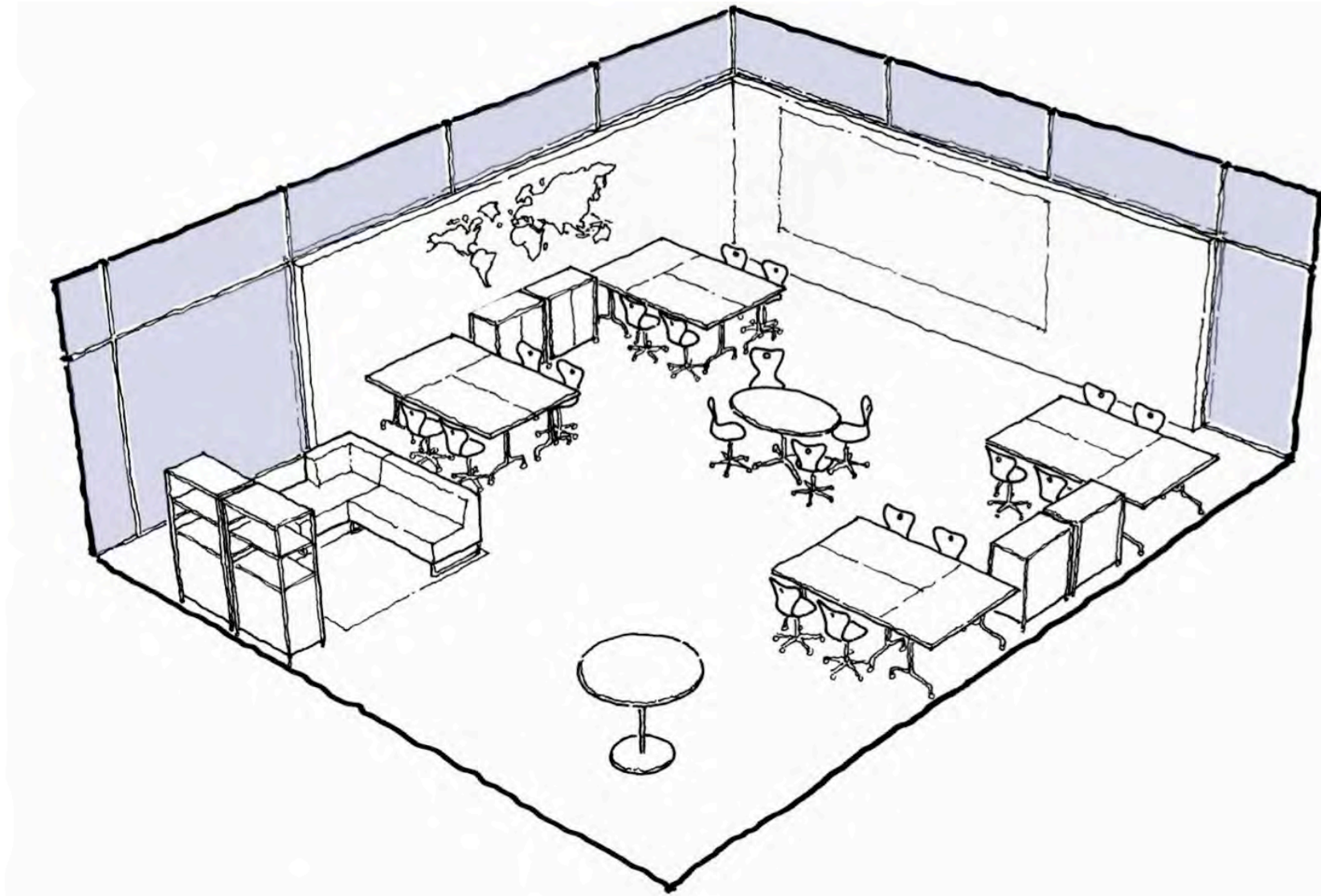
seminar



Today's Classroom

Flexible / Agile / Active

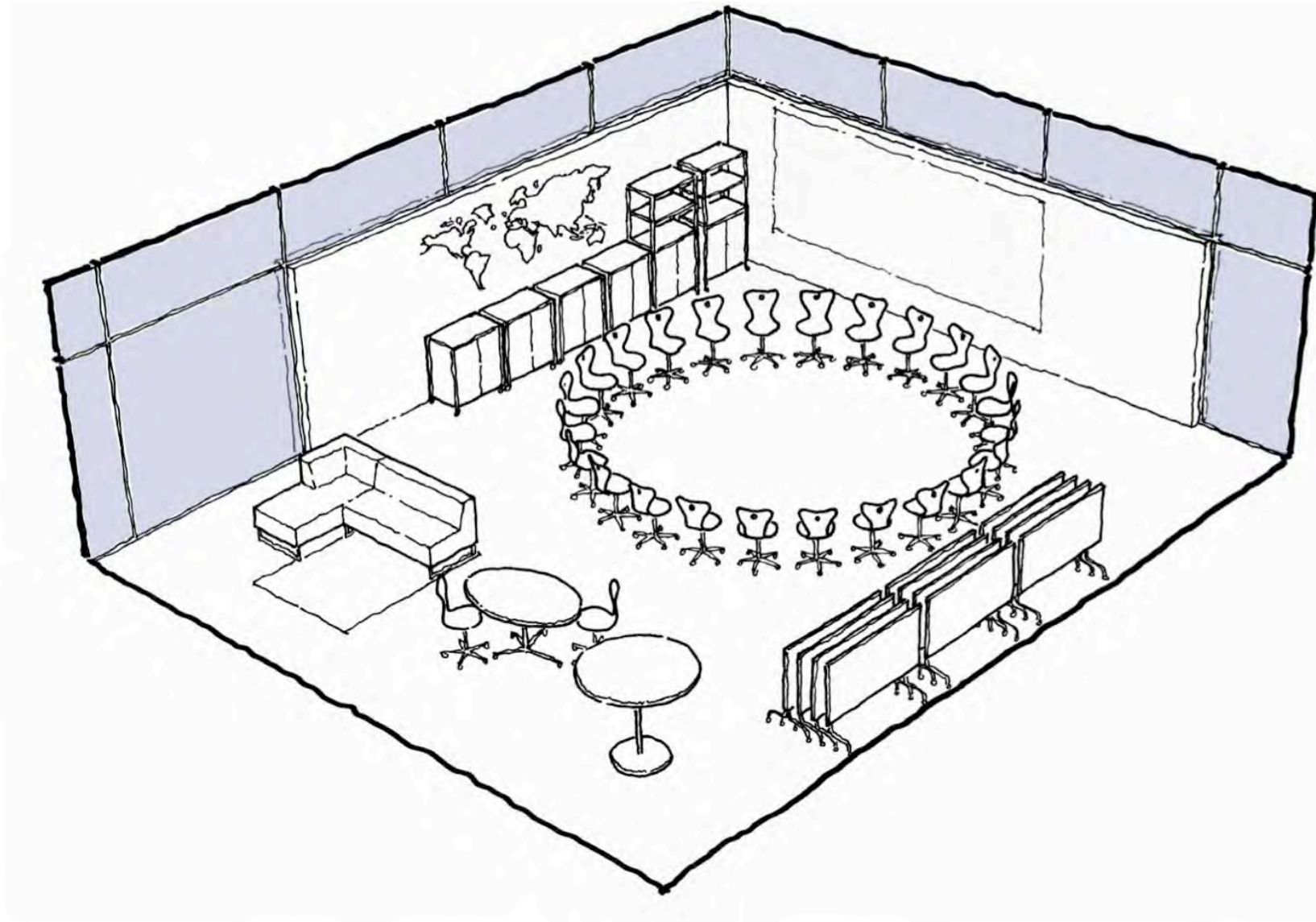
project teams



Today's Classroom

Flexible / Agile / Active

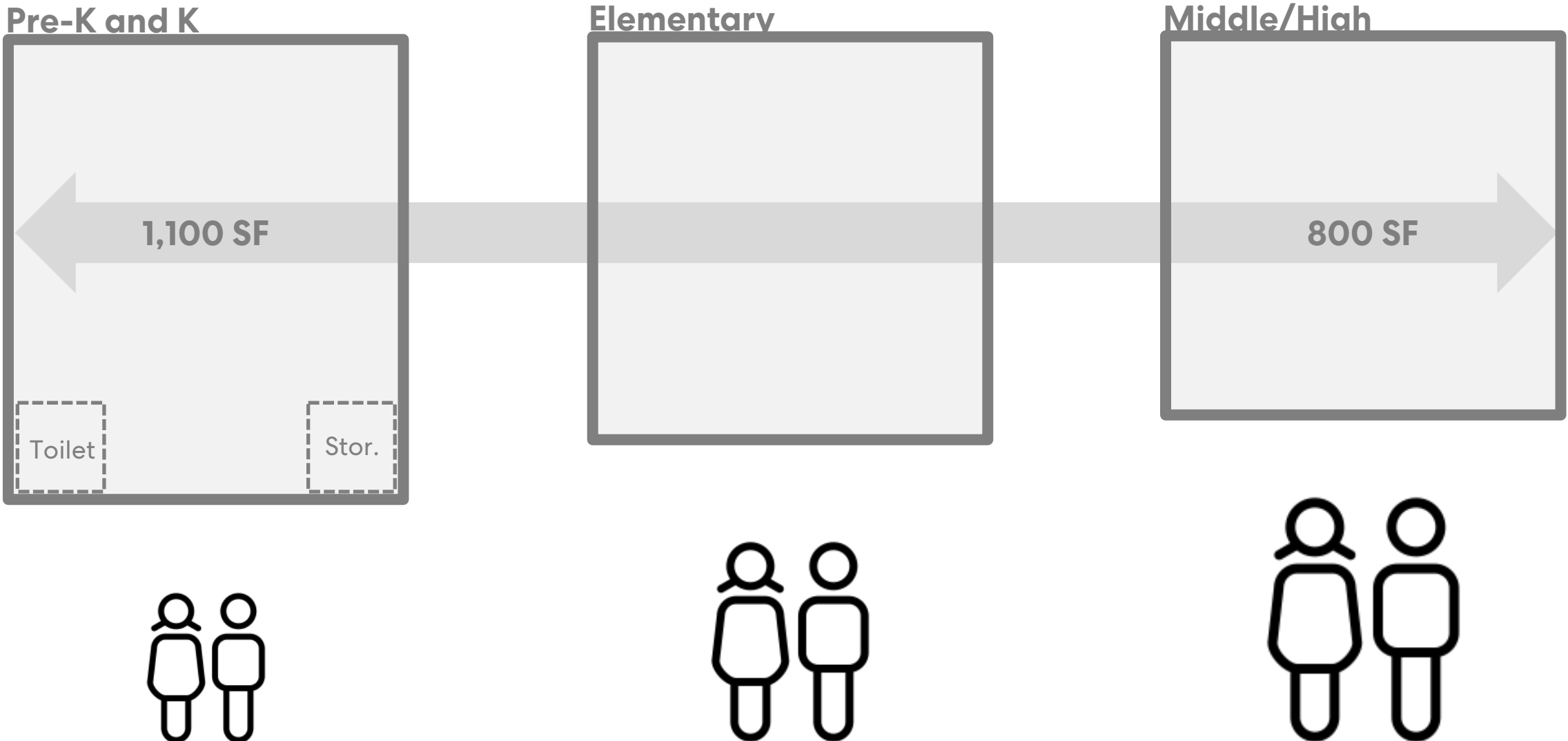
*group
discussions*



Classroom Size

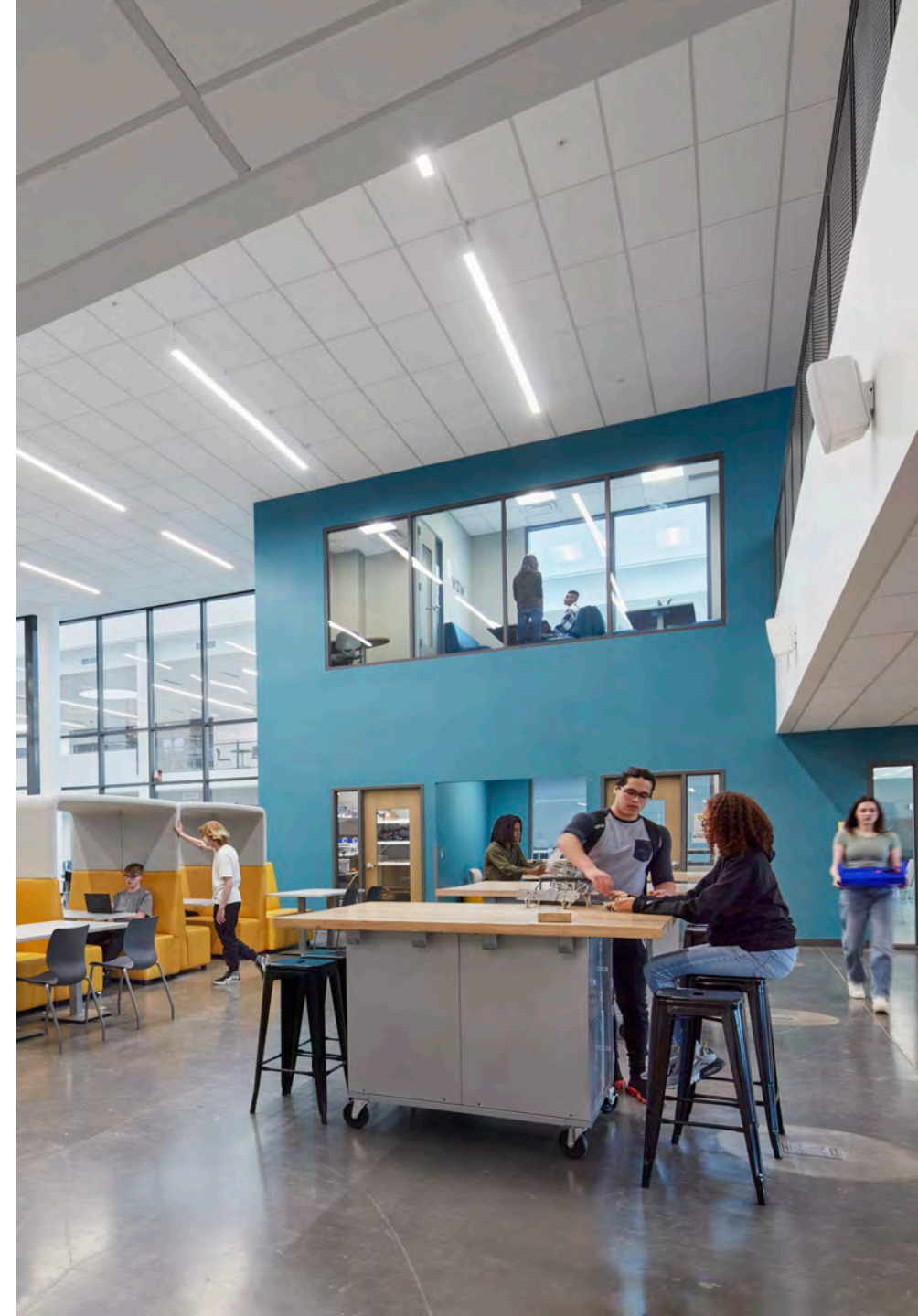
Best Practice

Influencing Factors: age, adjoining spaces (i.e. breakout commons), programming, equipment/manipulatives requirements, storage, special needs, etc. **Note:** there is no national size standard.



Why Do Today's Schools Need More Space?

- More robust technology
- Additional pre-kindergarten and full-day kindergarten
- **PE/Athletics provided for all students (Title IX)**
- **Project based learning encouraging collaboration**
- Flexible space
- Flexible furniture
- **Increased space for special education students**
- Americans With Disabilities Act (ADA)
- **Increase in programs / classes offered**
- **Additional support staff**
- Change in concept of food service / cafeterias
- Space for adult and community use



Burbank Early Childhood School

Educational Adequacy Assessment



Burbank Early Childhood School

Summary

Grades: Pre-school / Pre-kindergarten

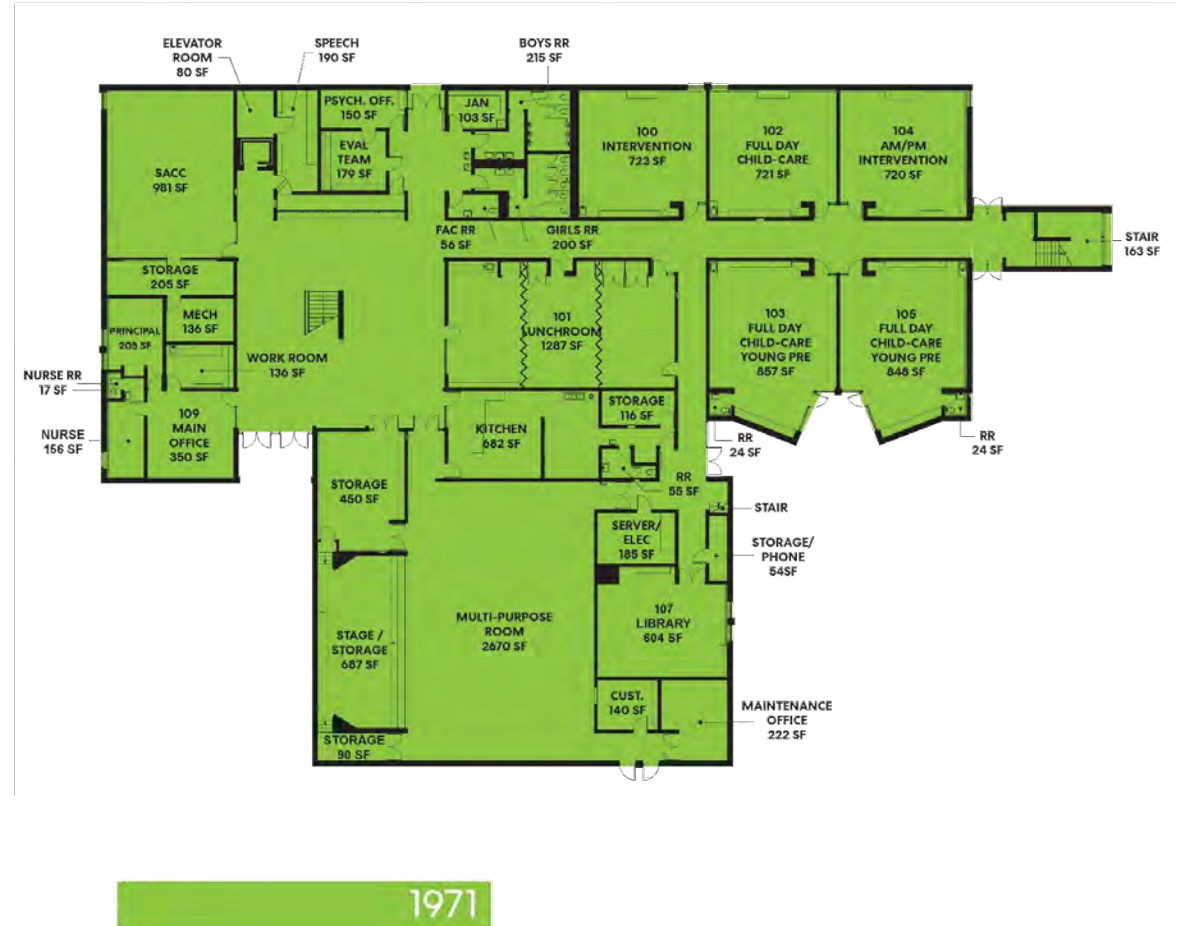
Height: Two stories

Site size: 5.2 acres

Building size: 37,453 square feet (SF)

Number of students: 259

SF/student: 145 square feet



Burbank Early Childhood School

Site

- Generous outdoor play space
- Benefit from adjacent playfields
- Parking quantity sufficient
- Parents park and walk students to front door
- Newer concrete and paving
- Need toilet accessible from outdoors



Burbank Early Childhood School

View from Southeast



Burbank Early Childhood School

View from Southwest



Burbank Early Childhood School

Architectural Character



Burbank Early Childhood School

Architectural Character



Burbank Early Childhood School

Challenges

BUILDING:

- Lack of best practices **secure entry** vestibule
- **Classrooms undersized**
- Mechanical units hamper **acoustics** in classrooms
- Limited / no **daylight** in classrooms
- Lack of toilets and storage in classrooms
- General lack of storage (some student storage in corridors)
- No student or adult collaborative space
- Use of building by other district functions takes up program space for early childhood
- No dedicated art room
- Toilet accessibility issues
- Scale / acoustics of multipurpose room (too tall for youngest learners) / use of stage
- Lack of dedicated / organized display areas
- Library location difficult to find



Daylighting has been linked to “**better performance of students** – as much as 20% improvement in math and 26% in reading on standardized tests”

(Heschong Mahone Group, 1999)

Burbank Early Childhood School

Core Classroom Size Diagram

First Floor



Second Floor



Pre-K Classrooms

Limiting	<800 SF
	800-899 SF
	900-1,049 SF
Ideal	>1,050 SF

Burbank classrooms are small

Existing average classroom size = 723 SF

Benchmark recommendation = 1,050 SF



Classroom size creates cramped conditions
Limited daylight via one window per room

Acoustics

Best Practice



ACOUSTICS

Noise influences children's information processing strategies and feelings of personal control

(Cohen & Weinstein, 1981)





Fan noise from unit ventilators (mechanical unit) is detrimental to classroom acoustics

Hastings Middle School

Educational Adequacy Assessment



Grades: 6-8

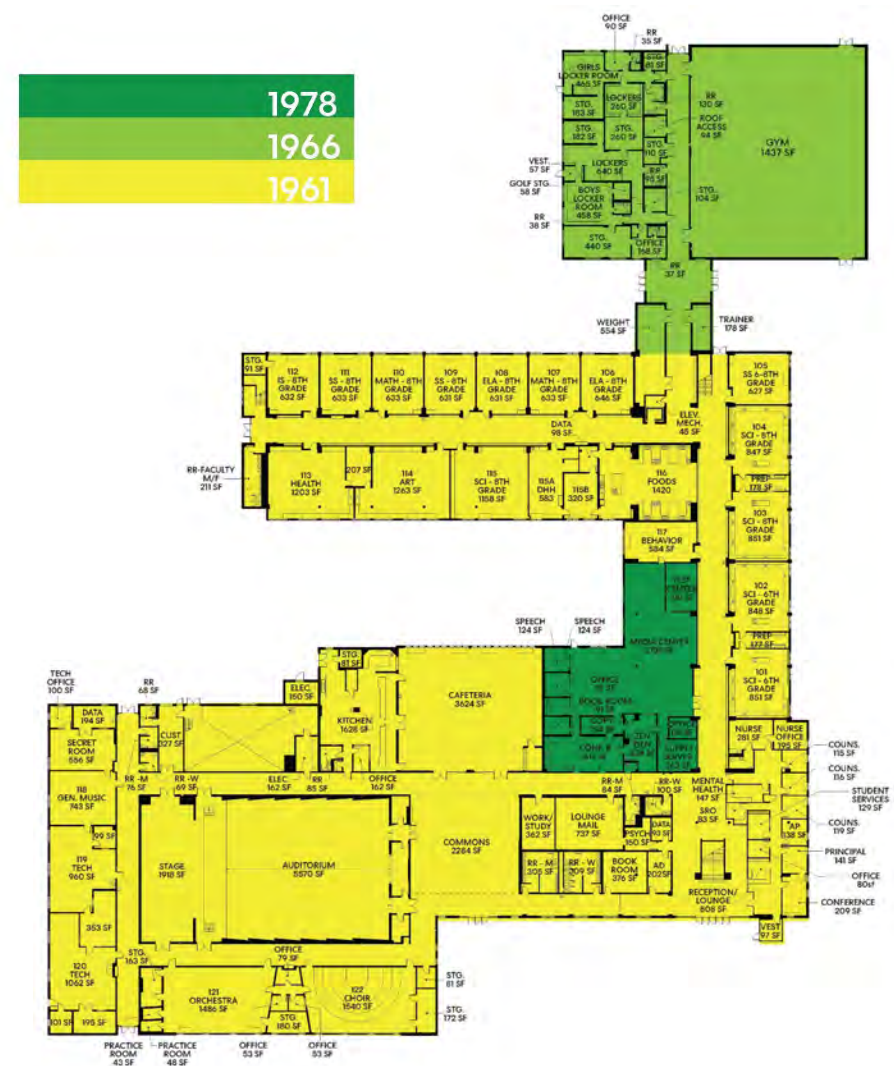
Site size: 13.6 acres

Building size: 119,843 SF

Current number of students: 759

Current SF/student: 158 SF

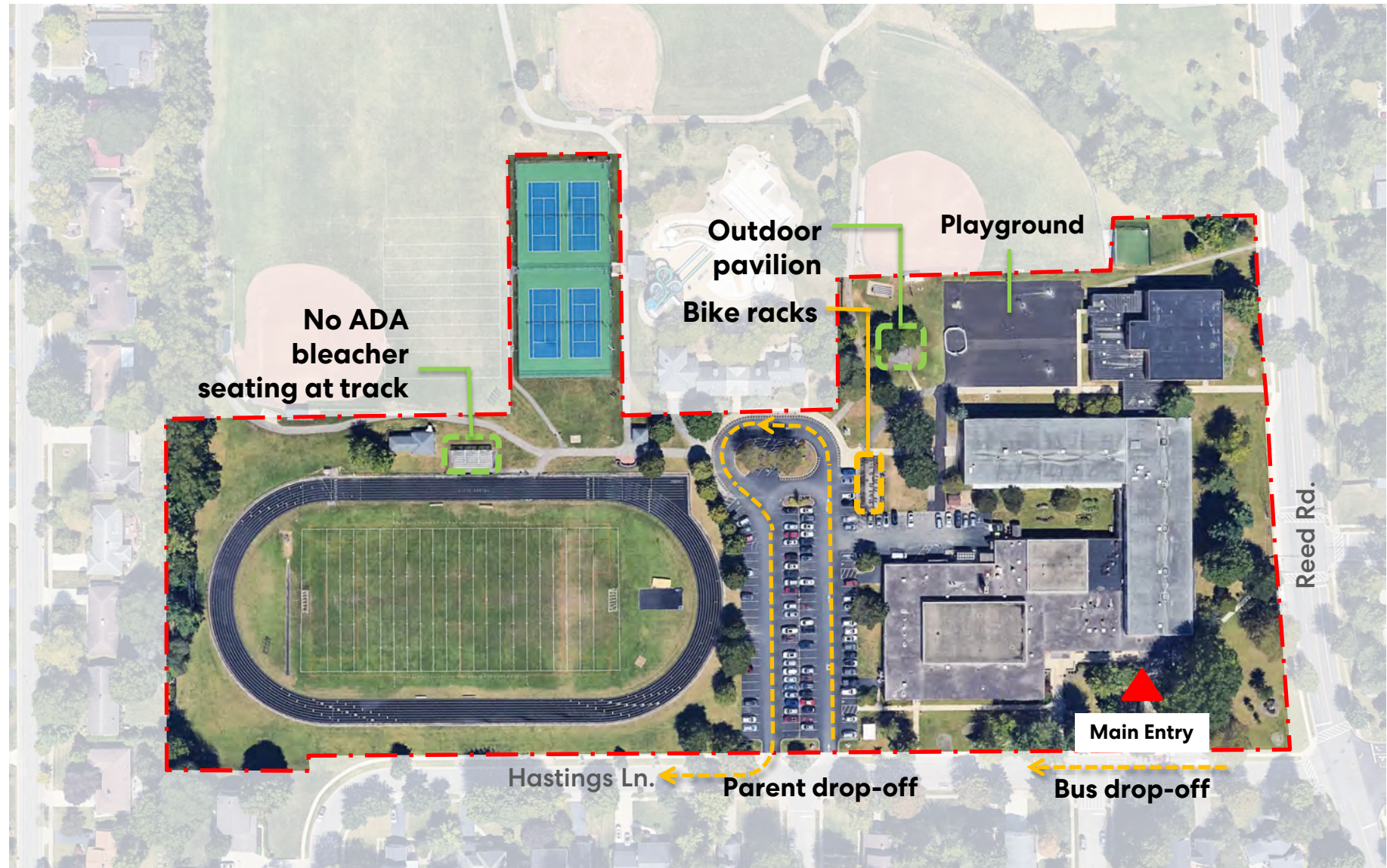
10 year enrollment projection: 807



Hastings Middle School

Site

- Benefit from adjacent playfields
- Parking quantity insufficient for events
- No intentional outdoor learning areas
- Parking distant from gym
- Bike riders share drive lane with parents



Hastings Middle School

Architectural Character



Hastings Middle School

Architectural Character



Hastings Middle School

Challenges

BUILDING:

- Does have best practices secure vestibule
- **Many classrooms undersized**, limited storage
- Mechanical units hamper **acoustics** in classrooms
- PE – **No A/C in gym, ceiling too low**, distant from parking
- Limited collaboration / informal interaction space
- Lack of overall flexibility
- Location of limited restrooms within classroom wing/MH restroom on L2
- Weightroom considerable undersized (former modest storage area)
- Trainers room undersized
- No dedicated wrestling room
- Prior window replacement removed select classroom windows
- General lack of storage (some student storage in corridors)
- Tech Ed not enough storage



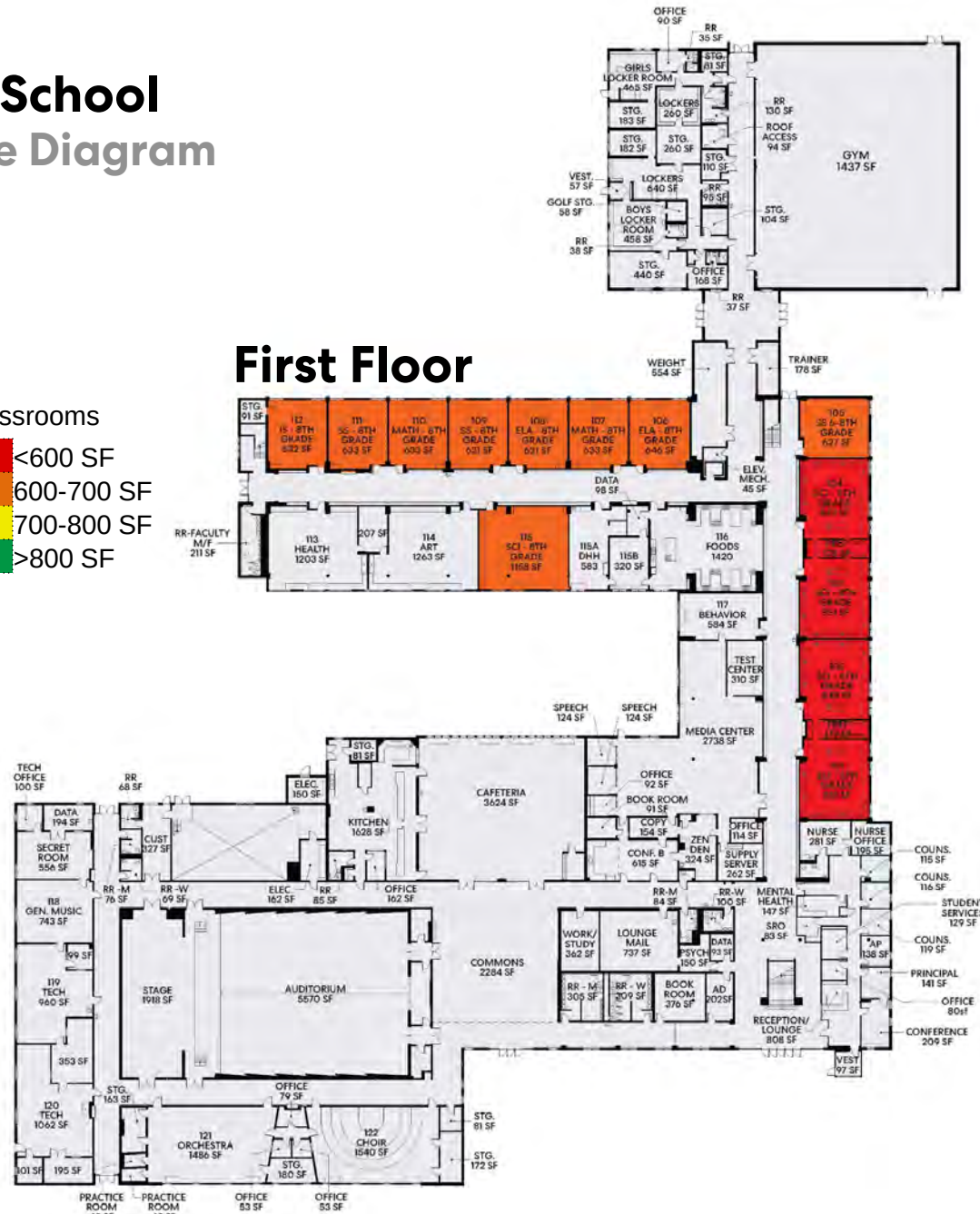
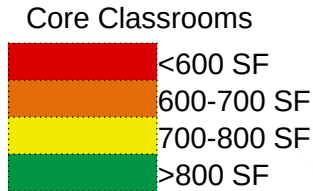
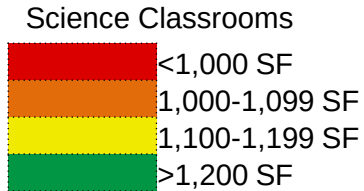
ACOUSTICS

Noise influences children's information processing strategies and feelings of personal control

(Cohen & Weinstein, 1981)

Hastings Middle School

Core Classroom Size Diagram



Second Floor



Hastings classrooms are small

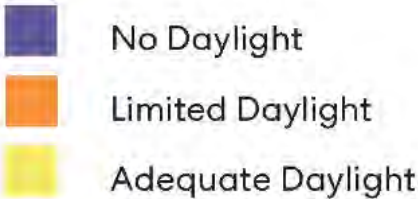
Average existing classroom size = 635 SF
Recommendation = >800 SF
Average existing science room = 887 SF
Recommendation = 1,200 SF



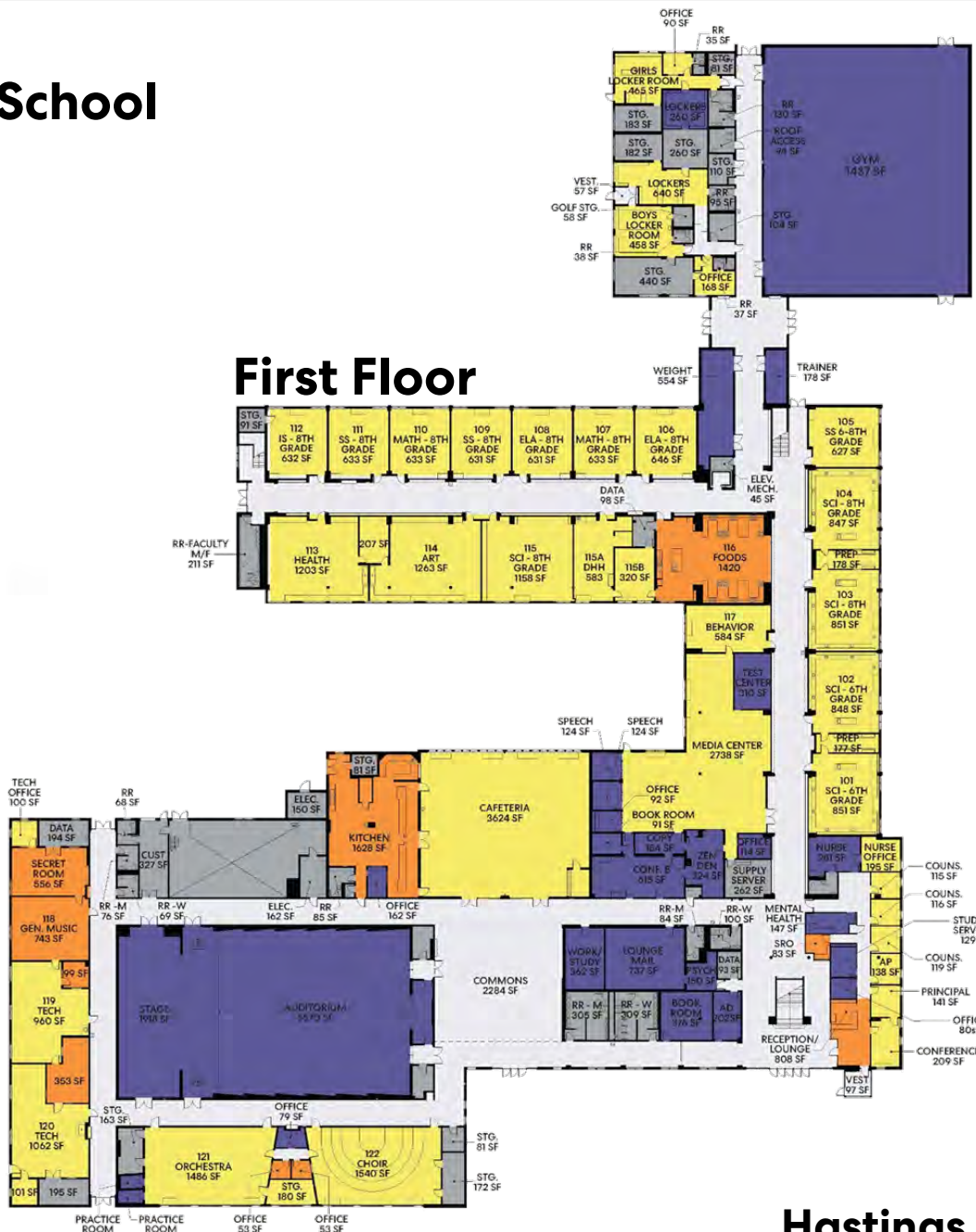
Classroom size creates cramped conditions in both regular and science classrooms

Hastings Middle School

Daylight Diagram



First Floor



Second Floor

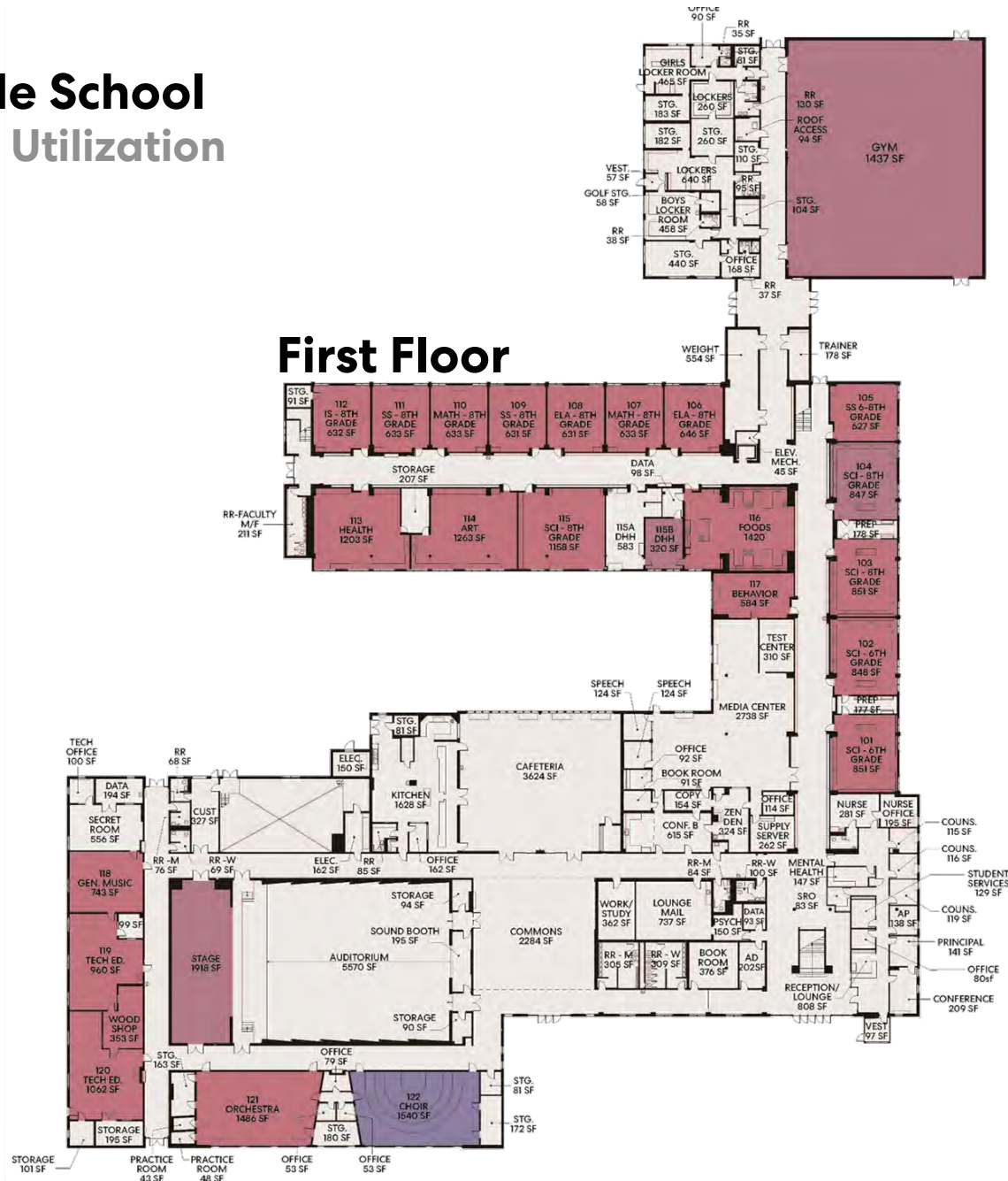
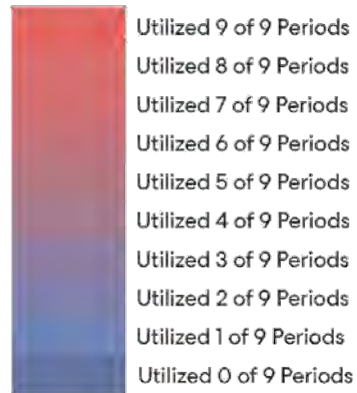


Hastings classrooms have adequate daylight

Hastings Middle School

Teaching Station Utilization

TEACHING STATION UTILIZATION RATE
(9 PERIODS TOTAL)



Second Floor



On average, teaching stations are used 6-7 periods per day

Teaching Station: Any space where a class is regularly scheduled



Fan noise from unit ventilators (mechanical unit) is detrimental to classroom acoustics



Weight room occupies former storage space and is woefully undersized



Gym lacks air conditioning and low roof structural height interferes with volleyball

Jones Middle School

Educational Adequacy Assessment



Jones Middle School

Summary

Grades: 6-8

Height: Three stories

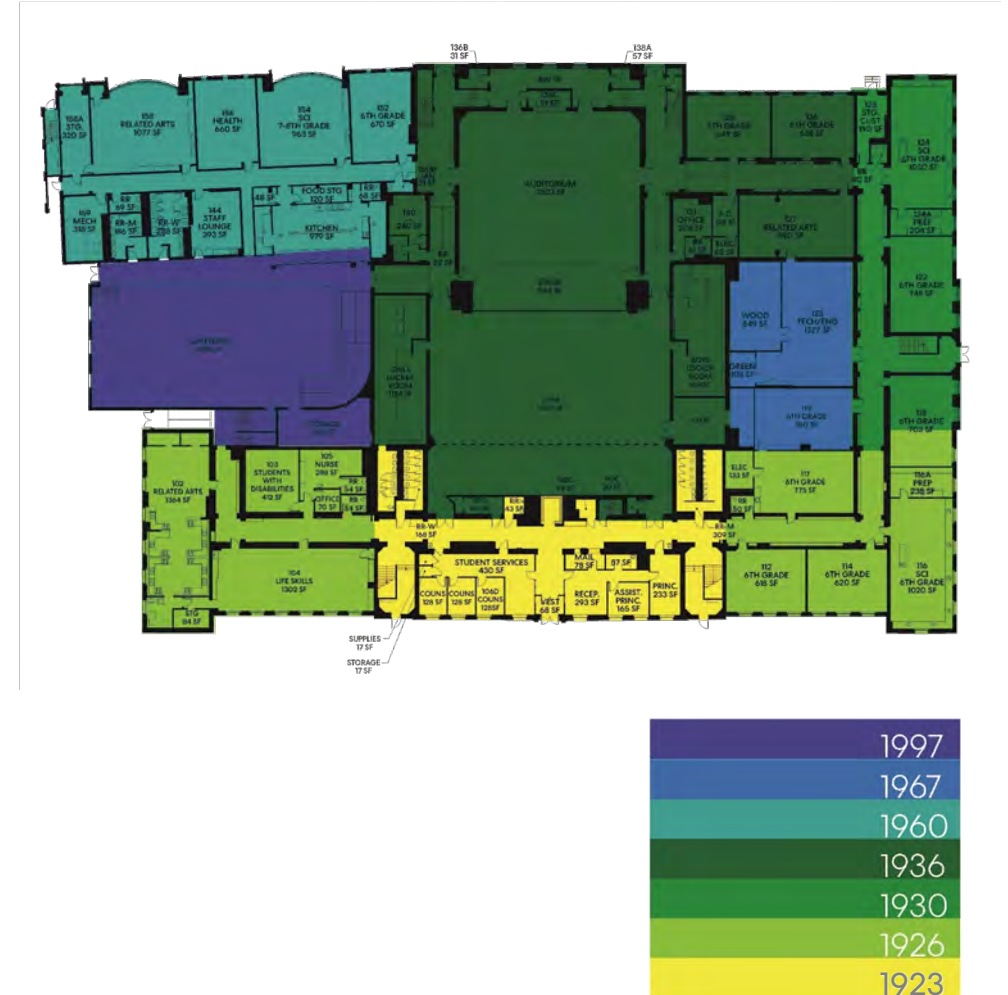
Site size: 9.7 acres not inclusive of UA hub (former central office)

Building size: 147,021 SF total (inclusive of 13,464 in basement, and mechanical attics on third floor) 133,577 SF without the basement

Current number of students: 733

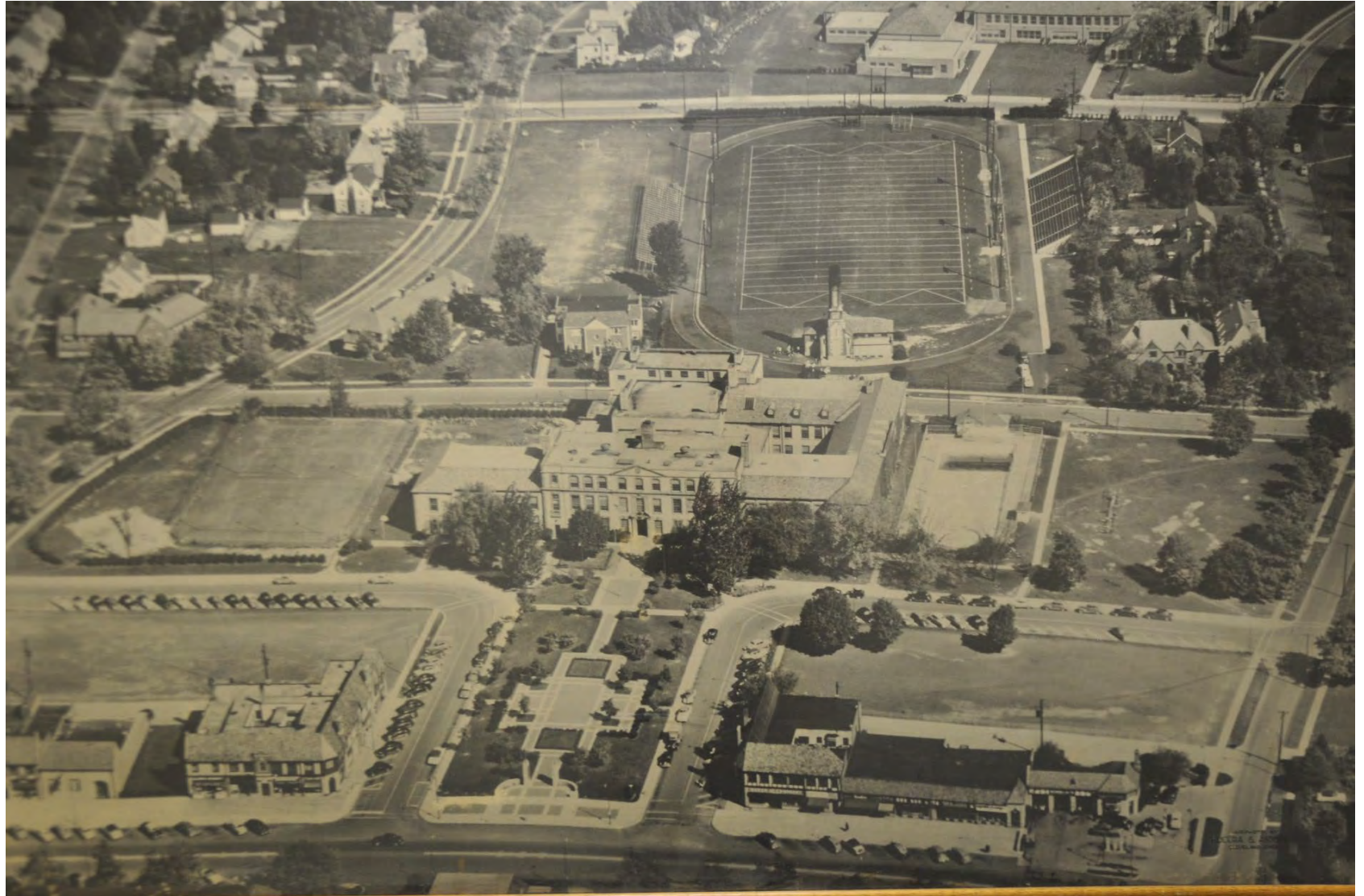
Current SF/Student: 201 SF (182 SF w/o basement)

10-year enrollment projection: 779



Upper Arlington High School

Architectural Character



Jones Middle School

Architectural Character



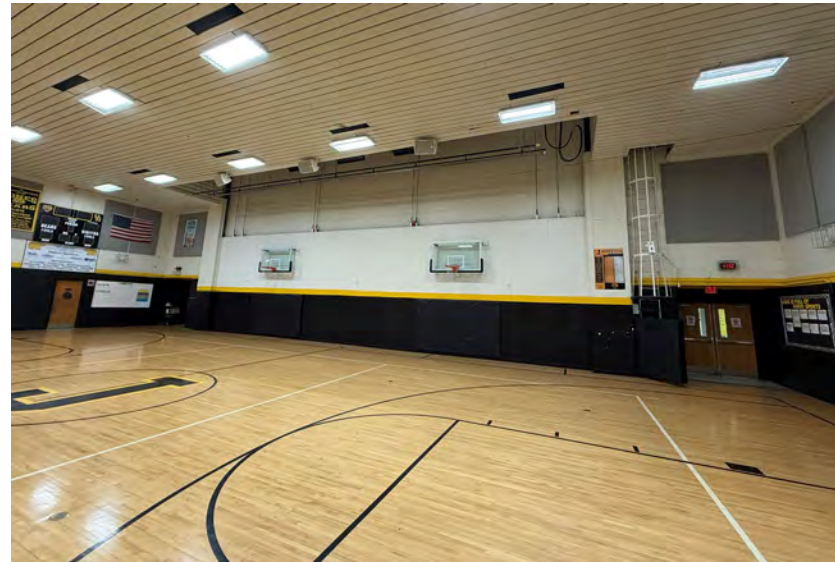
Jones Middle School

Architectural Character



Jones Middle School

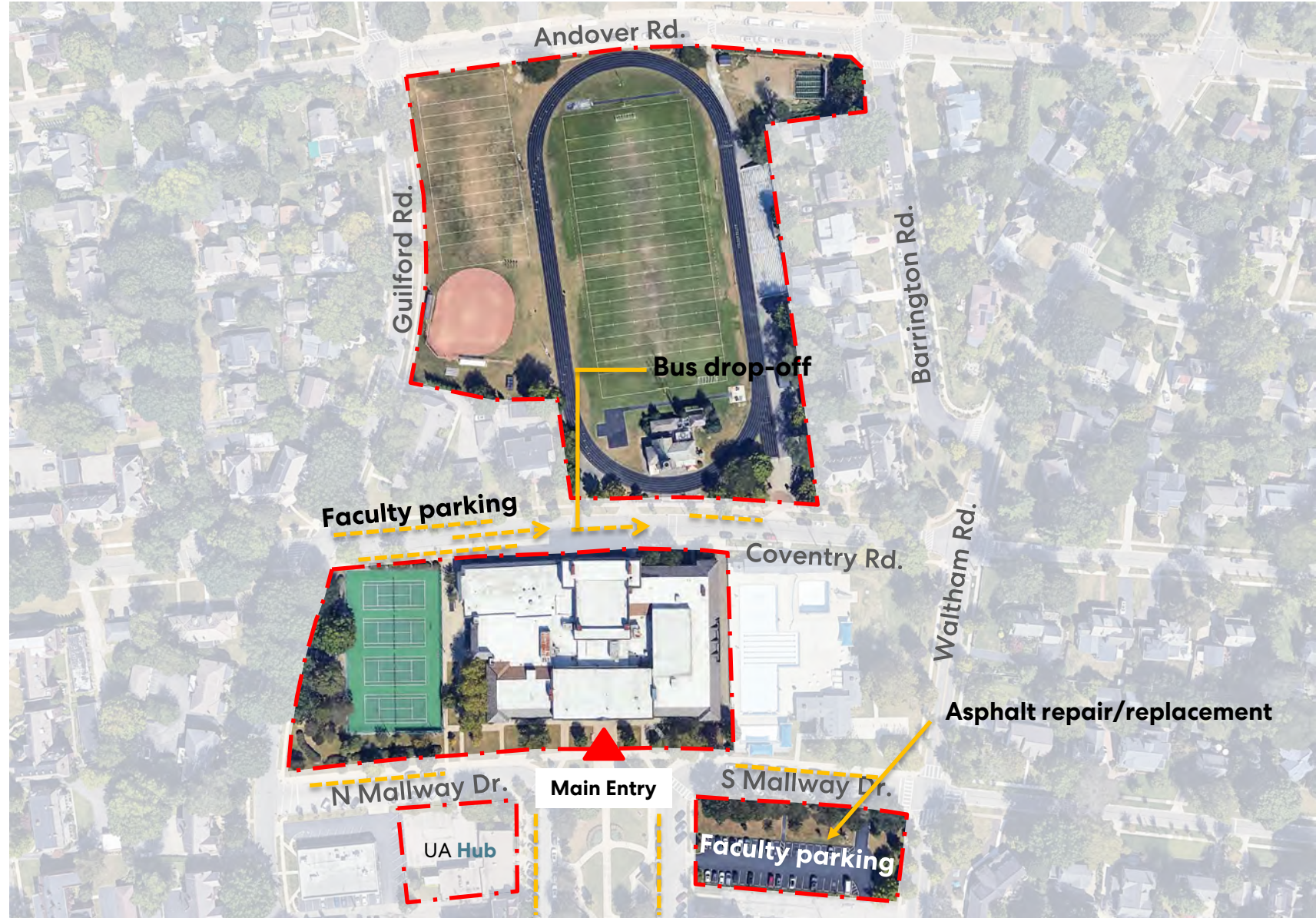
Architectural Character



Jones Middle School

Site

- Very recognizable building in community
- Very constricted building site
- Parking quantity insufficient for events
- Front door not accessible (ADA)
- No outdoor basketball courts
- Must cross Covington to get to track/field for PE and athletics



Jones Middle School

Challenges

Partial Summary of Identified Issues - Building

- Lack of best practices **secure entry** vestibule
- Building honors past well, but not future focused facility
- Lack of overall flexibility
- Many **classrooms undersized**, lack flexibility, some **daylight-locked**
- No collaboration / informal interaction space
- **Gym** – small and simultaneous use as stage (need for more seating)
- **Theater stage** leans on gym for larger performances
- Disconnect from Music to main performance space
- Lack of secured zoning of building for after hours use
- Typically older inflexible student and teacher furniture
- Narrow interior circulation, however, limited locker use helps
- Tech Ed spaces not properly vented

Jones Middle School

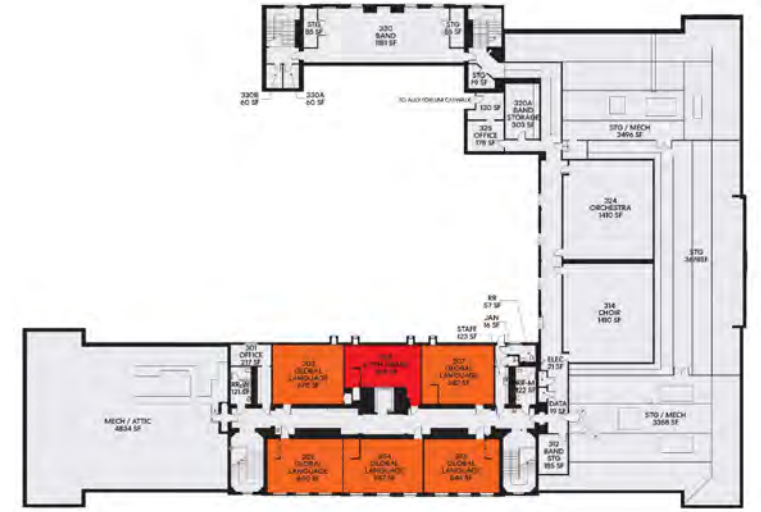
Core Classroom Size Diagram



First Floor



Second Floor



Third Floor

Many Jones classrooms are inadequate in size, Science fares better

Average existing classroom size = 685 SF

Recommendation = >800 SF

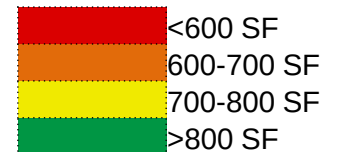
Average existing science room = 1005 SF

Recommendation = 1,200

Science Classrooms



Core Classrooms



Jones Middle School

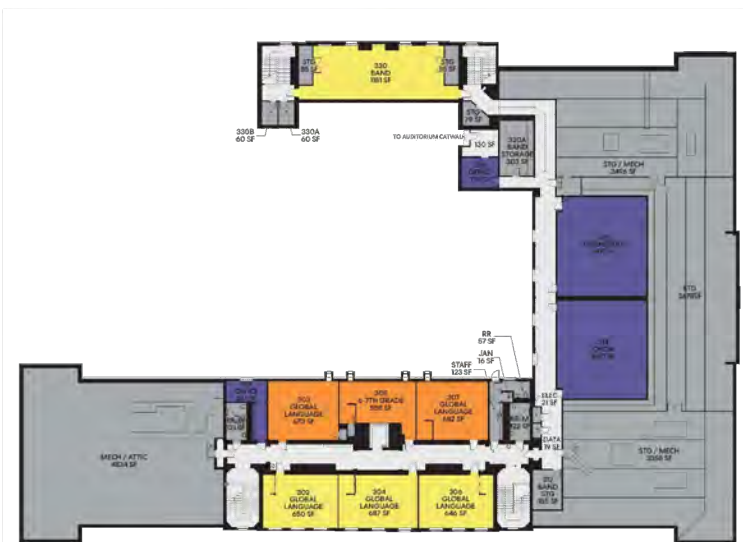
Daylight Diagram



First Floor

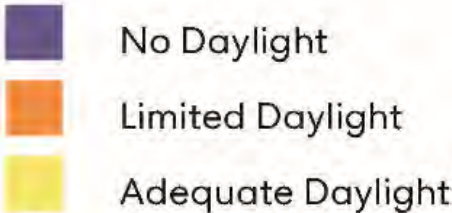


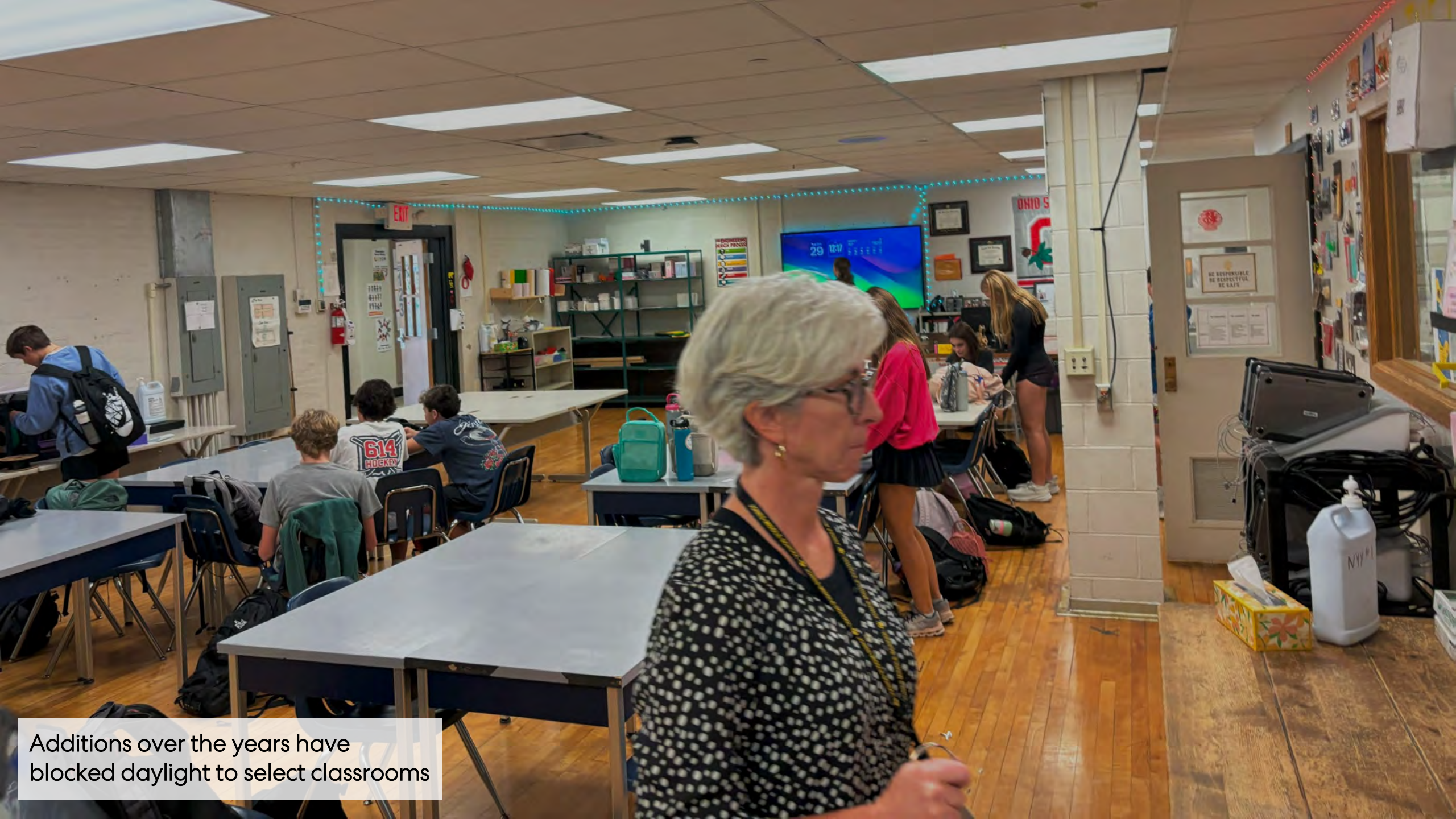
Second Floor



Third Floor

Jones has a mix of adequately and inadequately daylighted spaces





Additions over the years have blocked daylight to select classrooms

Jones Middle School

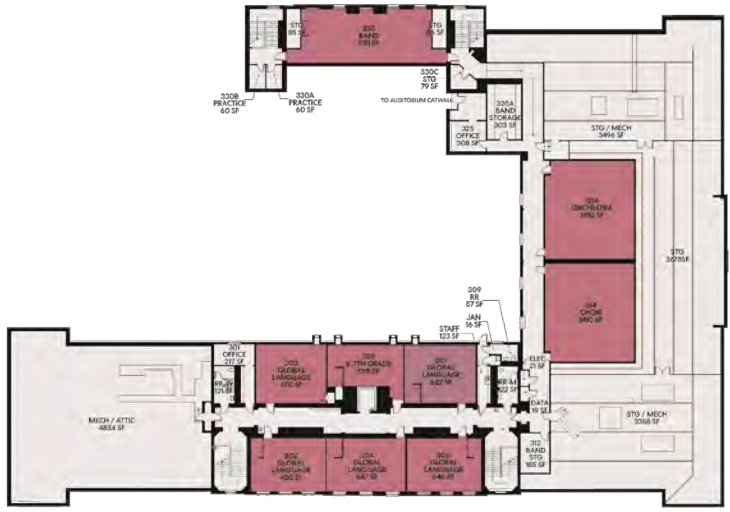
Teaching Station Utilization



First Floor



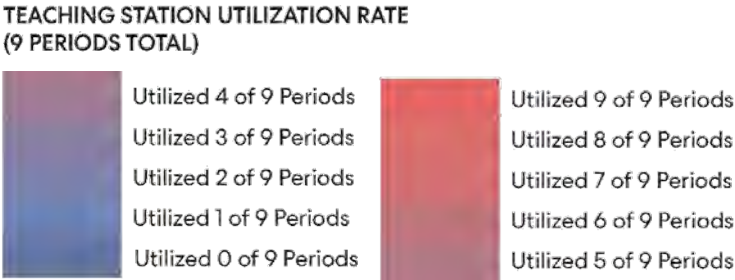
Second Floor



Third Floor

On average, teaching stations are used 6-7 periods per day

Teaching Station: Any space where a class is regularly scheduled





Combinations of new and old furniture



The gym is stage for larger theater performances compromising both



The gym is stage for larger theater performances compromising both

Physical Adequacy Assessment



District Map

Legend:

- GREENVIEW
- WINTERMERE
- THONON
- HAWTHILL

Numbered Locations:

1. WINTERMERE JUNIOR HIGH SCHOOL
2. WINTERMERE JUNIOR HIGH SCHOOL
3. WINTERMERE JUNIOR HIGH SCHOOL
4. WINTERMERE JUNIOR HIGH SCHOOL
5. WINTERMERE JUNIOR HIGH SCHOOL
6. WINTERMERE JUNIOR HIGH SCHOOL
7. WINTERMERE JUNIOR HIGH SCHOOL
8. WINTERMERE JUNIOR HIGH SCHOOL
9. WINTERMERE JUNIOR HIGH SCHOOL
10. WINTERMERE JUNIOR HIGH SCHOOL

- Existing physical conditions assessment
- **Review and update 2015 Assessment for Hastings, Jones and Burbank**
- Architectural/engineering/costing team
- Based on observations and district input
- **Update costs** to repair, refurbish, or replace building components and systems to 2024 dollars

Physical Assessment

What do we look at?

HVAC
Systems

Plumbing and
Fixtures

Electrical
Systems

Lighting

Accessibility,
Life Safety

Roofing

Doors and
Windows

Finishes and
Furnishings

Structure

Site and
Athletics

Drainage



2024 Updated Physical Assessment

Our Process

In-depth review of all 3 buildings comparing them to the facility assessment 2015 report and capturing worked completed since then.

Architectural / Engineering / Costing Team

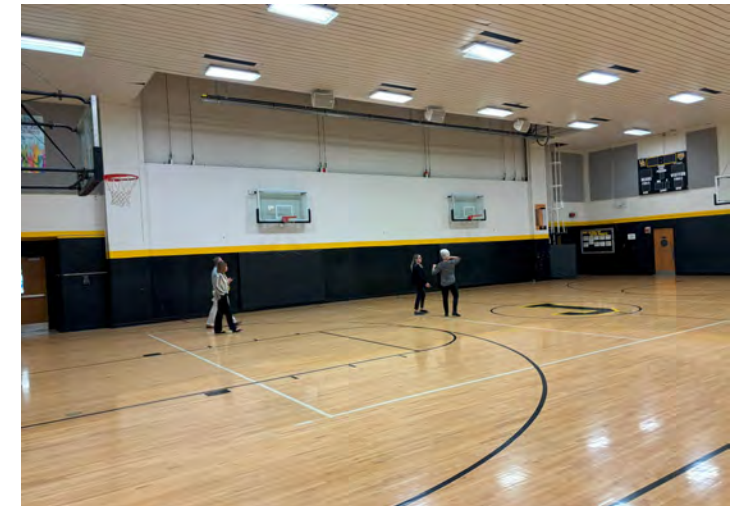
Moody Nolan / Heapy / Turner

Assess the condition of major systems and components

Based on observations

Based on District input

Based on collective expertise



2024 Updated Physical Assessment

Our Charge

Identify the cost to **maintain and repair** Jones, Hastings and Burbank for the next 15 years to ensure operation well into the future

- Determine the cost to “maintain the status quo through 2040”
- Assumes no building additions
- Assumes no new learning environments
- New systems will last 20-25 years on average



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

Burbank Early Childhood School

Physical Adequacy Assessment



Burbank Early Childhood School

Key Physical Assessment Issues

Partial Summary of Identified Issues

- **Building electrical system is original to the building**
- Gymnasium not air conditioned
- **Original windows throughout**
- Building exhaust and kitchen exhaust
- Flooring and ceiling materials are beyond their life
- Built-in cabinets are original and in need of replacement
- Inefficient interior and exterior lighting
- ADA accessibility challenges
- **Stairwell enclosures & guardrails to meet current code**
- Building does not have a fire suppression sprinkler system
- Mix of older and newer furniture
- Energy inefficient and noisy unit ventilators in each classroom
- Internal cafeteria with no natural light/exterior views
- Site work required for potential new water service for fire suppression system



Burbank Early Childhood School

Mechanical System Condition

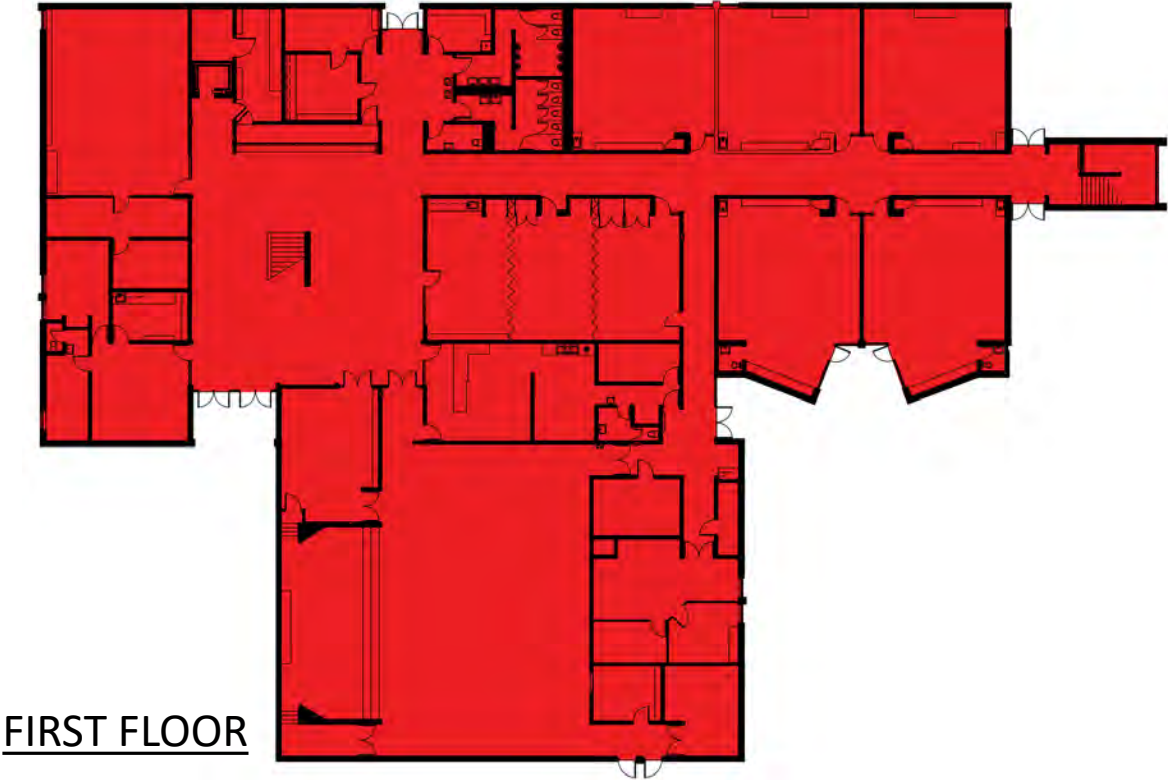
LEGEND – MECHANICAL SYSTEMS

Unit Condition

Poor	Fair	Good
------	------	------

1971

2012



Boiler and chiller replaced in 2012, balance of mechanical system is original and in need of replacement

Burbank Early Childhood School

Summary: Distribution of Required Investment

Work Required	TIMING OF REQUIRED INVESTMENT		
	0 - 5 YRS	5 -10 YRS	10 - 15 YRS
Building Enclosure	✓		
Mechanical and Electrical Systems	✓	✓	✓
Interior Finishes, Furnishings, Technology	✓		
Accessibility, Health, Safety	✓		
Site and Outdoor Athletics/Recreation	✓		
Other Project Related Costs (permits, fees, etc.)	✓	✓	

Hastings Middle School

Physical Adequacy Assessment

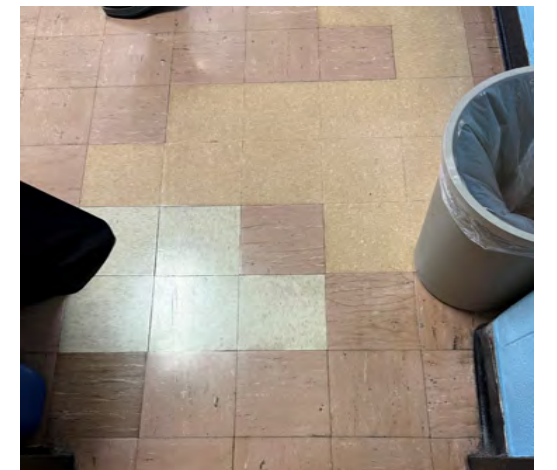
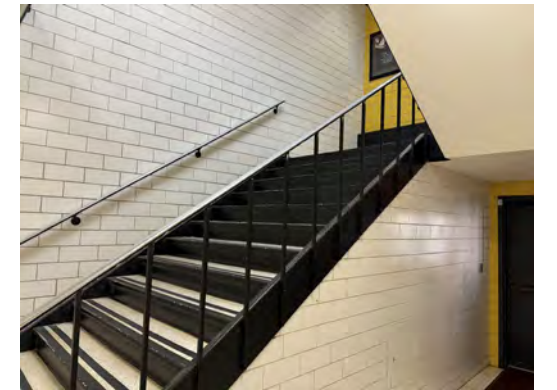


Hastings Middle School

Key Physical Assessment Issues

Partial Summary of Identified Issues

- **Roof replacement required** with proper slope for water drainage to roof drains and added overflow roof drains
- The **electrical** system had some updates in 1997, but **cannot be expanded** and repairs are challenging
- Gymnasium in need of air conditioning
- **Windows installed in 1997 are at the end of their life** requiring repairs & unable to find necessary parts
- Inefficient interior and exterior lighting
- Auditorium upgrades for finishes, seats, railings, platforms
- Mix of older and newer furniture
- Stairwell enclosures & guardrails to meet current code
- Site - potential new water service for fire suppression, related tap/capacity fees



Hastings Middle School

Mechanical System Condition

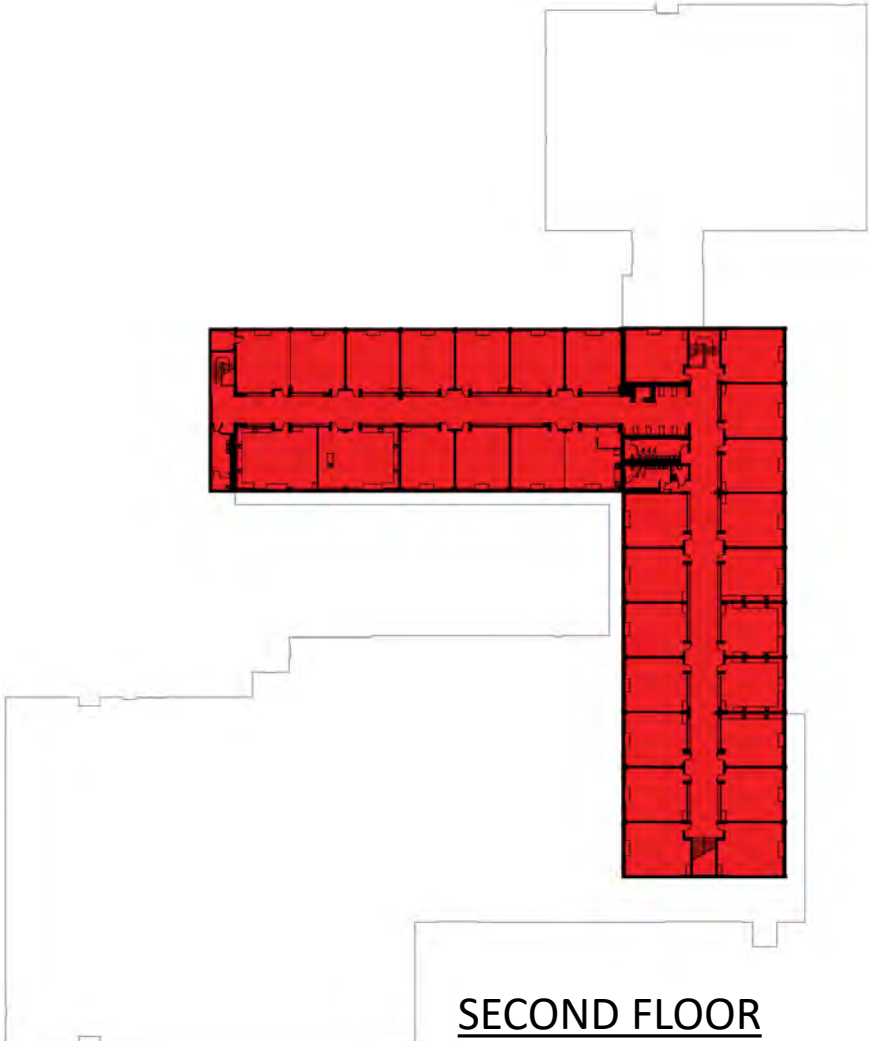
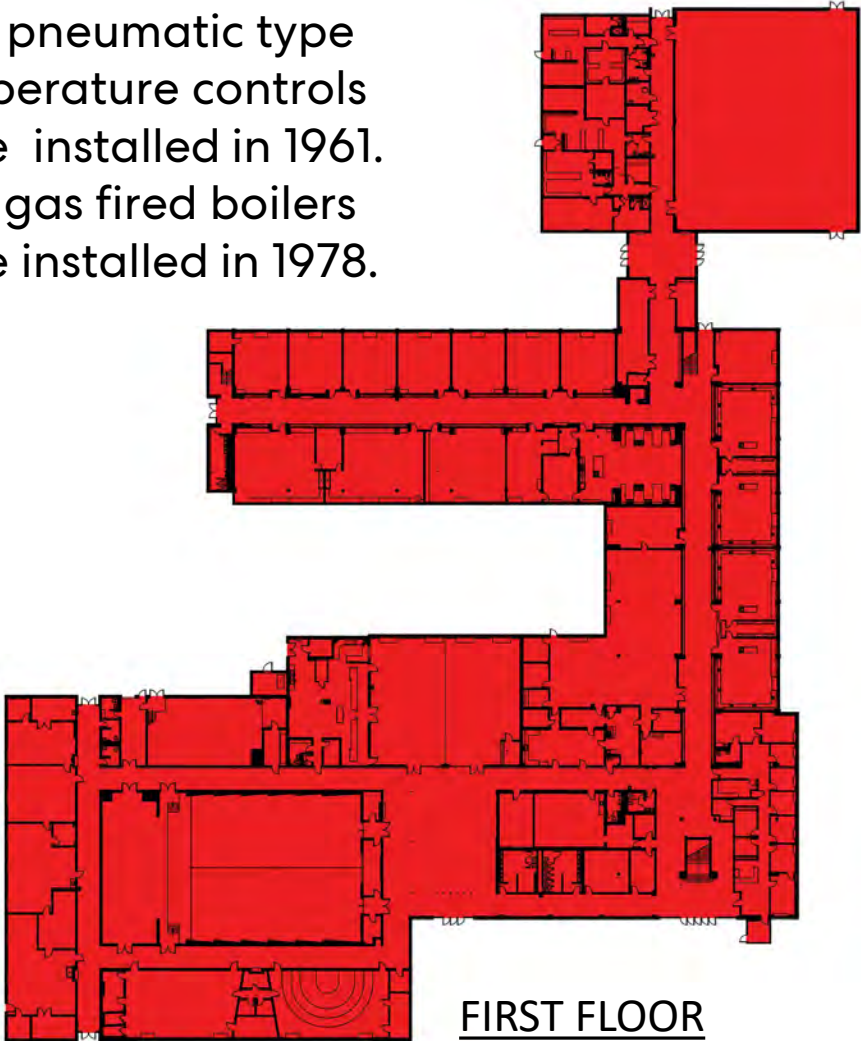
Gas fired steam system with pneumatic type temperature controls were installed in 1961. Two gas fired boilers were installed in 1978.

LEGEND – MECHANICAL SYSTEMS

Unit Condition

Poor	Fair	Good
------	------	------

1961, 1966,
& 1978



Hastings Middle School
Summary: Distribution of Required Investment

Work Required	TIMING OF REQUIRED INVESTMENT		
	0 - 5 YRS	5 -10 YRS	10 - 15 YRS
Building Enclosure	✓		
Mechanical and Electrical Systems	✓		
Interior Finishes, Furnishings, Technology	✓		
Accessibility, Health, Safety	✓		
Site and Outdoor Athletics/Recreation	✓		
Other Project Related Costs (permits, fees, etc.)	✓		

Jones Middle School

Physical Adequacy Assessment



Jones Middle School

Key Physical Assessment Issues

Partial Summary of Identified Issues

- Water infiltration at cafeteria exterior doors
- No wheelchair access at main front entrance
- Floor structural issue in Rooms 116 and 216
- HVAC system has been well maintained, but most equipment will need to be replaced within 3-5 years
- Electrical system has been well maintained, but most equipment will need to be replaced within 3-5 years
- Windows installed in 1997 are at the end of their life requiring repairs & unable to find necessary parts
- Auditorium production, sound, lighting equipment and controls are old and outdated
- Stairwell enclosures where required to meet current code
- Site/Athletics - plumbing fixture improvements in Block/Field House and under stadium



Jones Middle School

Mechanical System Condition

LEGEND – MECHANICAL SYSTEMS

Unit Condition

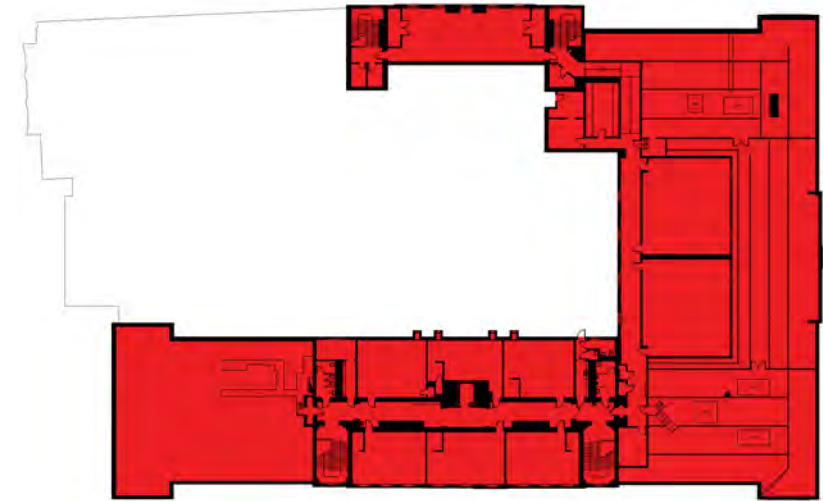
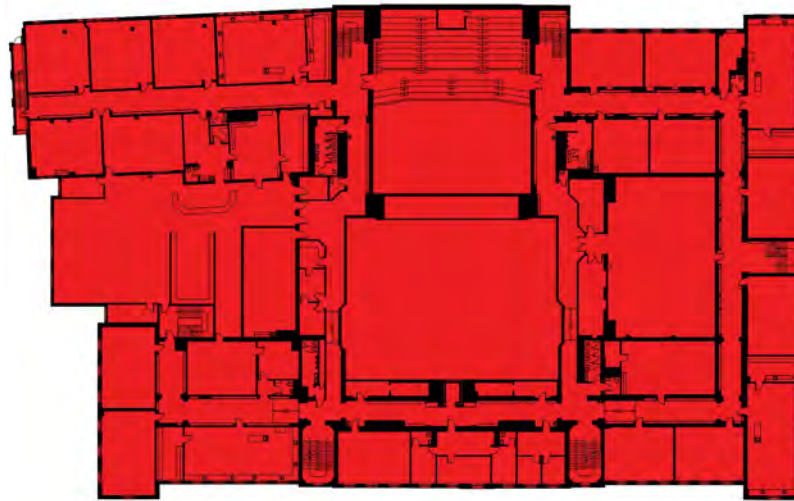
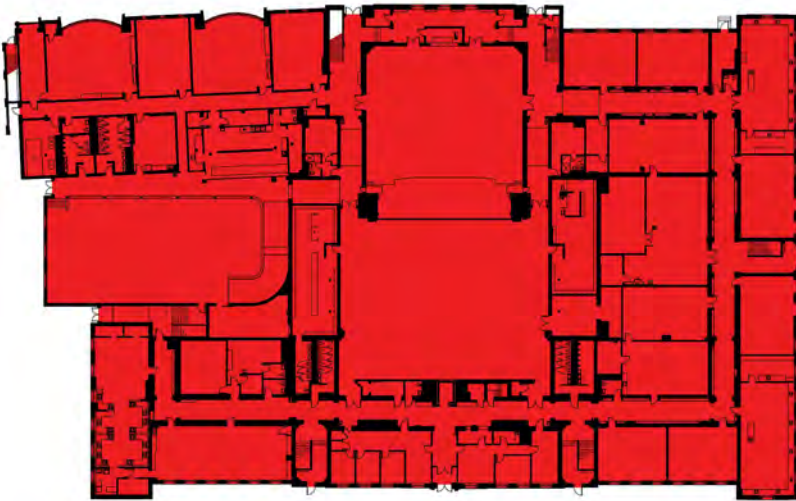
Poor

Fair

Good

1997

2012



Gas fired heating hot water system, chilled water system, and temperature controls systems were installed in 1997. Three gas fired boilers were installed in 2012.

Jones Middle School
Summary: Distribution of Required Investment

Work Required	TIMING OF REQUIRED INVESTMENT		
	0 - 5 YRS	5 -10 YRS	10 - 15 YRS
Building Enclosure	✓	✓	
Mechanical and Electrical Systems	✓	✓	✓
Interior Finishes, Furnishings, Technology	✓	✓	
Accessibility, Health, Safety	✓		
Site and Outdoor Athletics/Recreation	✓		
Other Project Related Costs (permits, fees, etc.)	✓		

Financial Analysis

State of the construction market

State of our schools



Construction Activity in Columbus Market

- Construction Market and Competing Projects

- Subcontractor / Labor / Material availability
- Intel – \$20B, Honda EV Plant– \$4.6B
- Google \$1.7B Airport – \$1.6B
- Ohio Expo - \$1.3B OhioHealth – \$2B,
- OSU - \$1B County Courthouse- \$0.5B
- Scioto Peninsula- \$0.3B Microsoft - \$4.4B

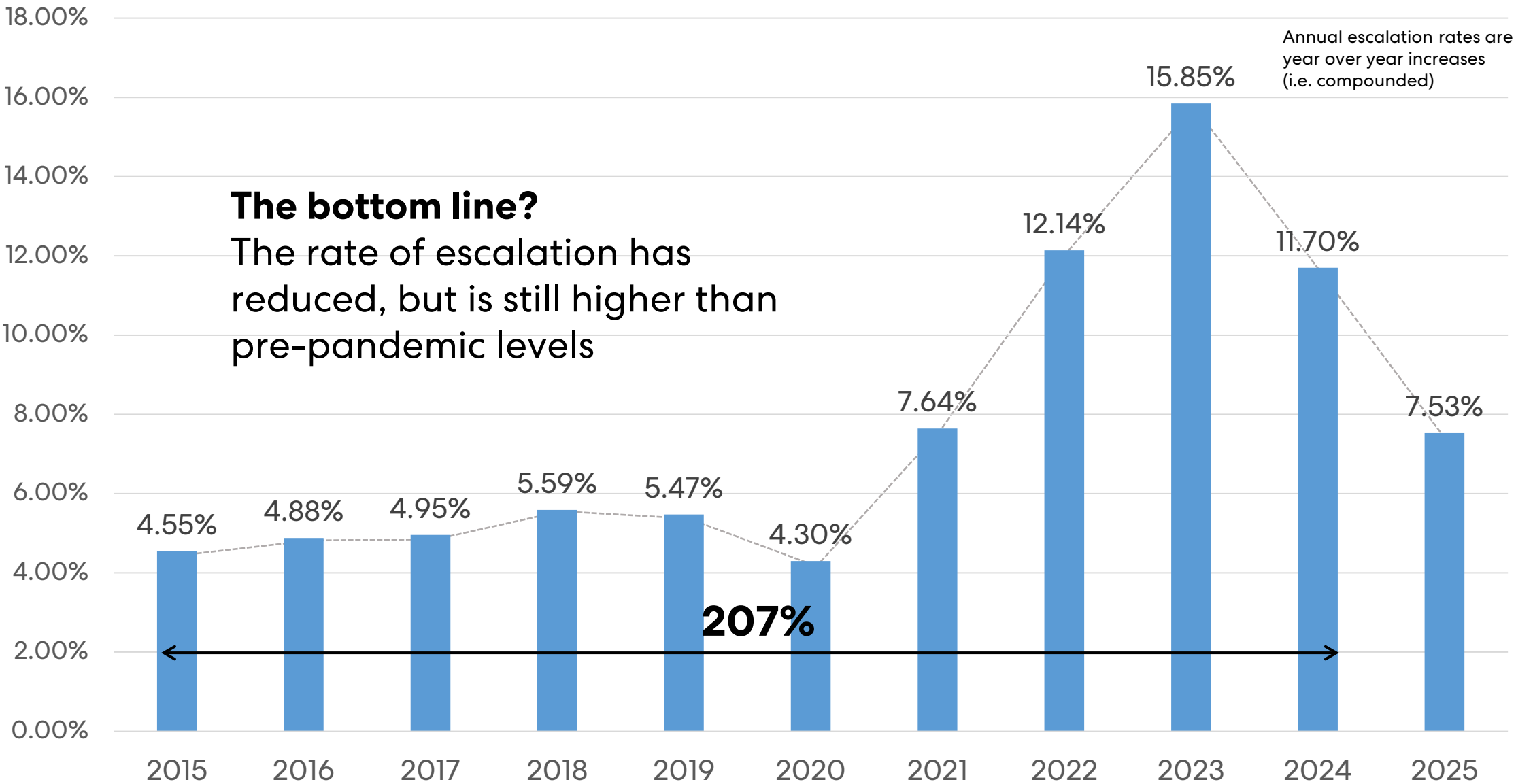
- School Construction Market

- Dublin – \$145M
- Grandview - \$69.5M
- Hilliard - \$142M
- New Albany – \$135M
- Worthington - \$234M



Historical and Projected Construction Cost Escalation

Columbus, Ohio Market



Burbank Early Childhood School

2024 Costs Compared to 2015 Costs



Costs presented here represent the cost to repair existing conditions and do not factor in changes to improve how the building functions programmatically

		2015 Assessment in 2015 Dollars \$/SF	
A.	Heating System	\$382,000	\$10.05
B.	Roofing	\$224,600	\$5.91
C.	Ventilation/Air Conditioning	\$357,485	\$9.41
D.	Electrical Systems	\$682,700	\$17.97
E.	Plumbing and Fixtures	\$109,500	\$2.88
F.	Windows	\$87,900	\$2.31
G.	Structure: Foundation	\$0	\$0.00
H.	Structure: Walls and Chimneys	\$88,400	\$2.33
I.	Structure: Floors and Roofs	\$0	\$0.00
J.	General Finishes	\$769,800	\$20.26
K.	Interior Lighting	\$330,400	\$8.70
L.	Security Systems	\$70,300	\$1.85
M.	Emergency/Egress Lighting	\$62,300	\$1.64
N.	Fire Alarm	\$76,000	\$2.00
O.	Handicapped Access	\$101,900	\$2.68
P.	Site Conditions	\$119,100	\$3.13
Q.	Sewage System	\$0	\$0.00
R.	Water Supply	\$0	\$0.00
S.	Exterior Doors	\$4,000	\$0.11
T.	Hazardous Material	\$49,700	\$1.31
U.	Life Safety	\$231,600	\$6.10
V.	Loose Furnishings	\$152,000	\$4.00
W.	Technology	\$500,800	\$13.18
X.	Non-Construction Costs	\$2,083,115	\$54.82
		\$6,483,600	\$170.63

Burbank Early Childhood School

2024 Costs Compared to 2015 Costs



Costs presented here represent the cost to repair existing conditions and do not factor in changes to improve how the building functions programmatically

		2015 Assessment in 2015 Dollars \$/SF		2015 Assessment in 2024 Dollars \$/SF	
A.	Heating System	\$382,000	\$10.05	\$789,938	\$20.79
B.	Roofing	\$224,600	\$5.91	\$464,450	\$12.22
C.	Ventilation/Air Conditioning	\$357,485	\$9.41	\$739,243	\$19.46
D.	Electrical Systems	\$682,700	\$17.97	\$1,411,755	\$37.15
E.	Plumbing and Fixtures	\$109,500	\$2.88	\$226,435	\$5.96
F.	Windows	\$87,900	\$2.31	\$181,768	\$4.78
G.	Structure: Foundation	\$0	\$0.00	\$0	\$0.00
H.	Structure: Walls and Chimneys	\$88,400	\$2.33	\$182,802	\$4.81
I.	Structure: Floors and Roofs	\$0	\$0.00	\$0	\$0.00
J.	General Finishes	\$769,800	\$20.26	\$1,591,869	\$41.89
K.	Interior Lighting	\$330,400	\$8.70	\$683,234	\$17.98
L.	Security Systems	\$70,300	\$1.85	\$145,373	\$3.83
M.	Emergency/Egress Lighting	\$62,300	\$1.64	\$128,830	\$3.39
N.	Fire Alarm	\$76,000	\$2.00	\$157,160	\$4.14
O.	Handicapped Access	\$101,900	\$2.68	\$210,719	\$5.55
P.	Site Conditions	\$119,100	\$3.13	\$246,287	\$6.48
Q.	Sewage System	\$0	\$0.00	\$0	\$0.00
R.	Water Supply	\$0	\$0.00	\$0	\$0.00
S.	Exterior Doors	\$4,000	\$0.11	\$8,272	\$0.22
T.	Hazardous Material	\$49,700	\$1.31	\$102,775	\$2.70
U.	Life Safety	\$231,600	\$6.10	\$478,926	\$12.60
V.	Loose Furnishings	\$152,000	\$4.00	\$314,321	\$8.27
W.	Technology	\$500,800	\$13.18	\$1,035,604	\$27.25
X.	Non-Construction Costs	\$2,083,115	\$54.82	\$4,307,674	\$113.37
		\$6,483,600	\$170.63	\$13,407,436	\$352.86

A photograph of a well-lit, colorful classroom or playroom. The room features a large blue rug, a wooden chair, a table with chairs, and various educational toys and decorations. A large potted plant is in the foreground, and a blue storage unit is on the right. The walls are decorated with colorful papers and a large map.

Costs presented here represent the cost to repair existing conditions and do not factor in changes to improve how the building functions programmatically

to 2015 Costs		2015 Assessment in		2015 Assessment in		2024		
		2015 Dollars	\$/SF	2024 Dollars	\$/SF	Assessment	\$/SF	Variance
A.	Heating System	\$382,000	\$10.05	\$789,938	\$20.79	\$3,163,250	\$83.25	\$2,373,312
B.	Roofing	\$224,600	\$5.91	\$464,450	\$12.22	\$54,050	\$1.42	-\$410,400
C.	Ventilation/Air Conditioning	\$357,485	\$9.41	\$739,243	\$19.46	\$0	\$0.00	-\$739,243
D.	Electrical Systems	\$682,700	\$17.97	\$1,411,755	\$37.15	\$1,139,910	\$30.00	-\$271,845
E.	Plumbing and Fixtures	\$109,500	\$2.88	\$226,435	\$5.96	\$111,500	\$2.93	-\$114,935
F.	Windows	\$87,900	\$2.31	\$181,768	\$4.78	\$148,975	\$3.92	-\$32,793
G.	Structure: Foundation	\$0	\$0.00	\$0	\$0.00	\$34,500	\$0.91	\$34,500
H.	Structure: Walls and Chimneys	\$88,400	\$2.33	\$182,802	\$4.81	\$152,544	\$4.01	-\$30,258
I.	Structure: Floors and Roofs	\$0	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
J.	General Finishes	\$769,800	\$20.26	\$1,591,869	\$41.89	\$2,328,848	\$61.29	\$736,978
K.	Interior Lighting	\$330,400	\$8.70	\$683,234	\$17.98	\$417,967	\$11.00	-\$265,267
L.	Security Systems	\$70,300	\$1.85	\$145,373	\$3.83	\$139,543	\$3.67	-\$5,831
M.	Emergency/Egress Lighting	\$62,300	\$1.64	\$128,830	\$3.39	\$85,493	\$2.25	-\$43,337
N.	Fire Alarm	\$76,000	\$2.00	\$157,160	\$4.14	\$0	\$0.00	-\$157,160
O.	Handicapped Access	\$101,900	\$2.68	\$210,719	\$5.55	\$153,274	\$4.03	-\$57,445
P.	Site Conditions	\$119,100	\$3.13	\$246,287	\$6.48	\$218,955	\$5.76	-\$27,332
Q.	Sewage System	\$0	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
R.	Water Supply	\$0	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
S.	Exterior Doors	\$4,000	\$0.11	\$8,272	\$0.22	\$55,000	\$1.45	\$46,728
T.	Hazardous Material	\$49,700	\$1.31	\$102,775	\$2.70	\$220,345	\$5.80	\$117,570
U.	Life Safety	\$231,600	\$6.10	\$478,926	\$12.60	\$219,985	\$5.79	-\$258,941
V.	Loose Furnishings	\$152,000	\$4.00	\$314,321	\$8.27	\$331,714	\$8.73	\$17,393
W.	Technology	\$500,800	\$13.18	\$1,035,604	\$27.25	\$579,454	\$15.25	-\$456,150
X.	Non-Construction Costs	\$2,083,115	\$54.82	\$4,307,674	\$113.37	\$4,177,293	\$109.94	-\$130,381
		\$6,483,600	\$170.63	\$13,407,436	\$352.86	\$13,732,599	\$361.41	\$325,163
		Delta %:						2.43%

Burbank Early Childhood School 2024 Costs Compared to 2015 Costs

Building Enclosure	
Mechanical and Electrical Systems	
Interior Finishes, Furnishings, Technology	
Accessibility, Health, Safety	
Site and Outdoor Play Areas	
Other Project Related Costs	

to 2015 Costs		2015 Assessment in		2015 Assessment in		2024		
		2015 Dollars	\$/SF	2024 Dollars	\$/SF	Assessment	\$/SF	Variance
A.	Heating System	\$382,000	\$10.05	\$789,938	\$20.79	\$3,163,250	\$83.25	\$2,373,312
B.	Roofing	\$224,600	\$5.91	\$464,450	\$12.22	\$54,050	\$1.42	-\$410,400
C.	Ventilation/Air Conditioning	\$357,485	\$9.41	\$739,243	\$19.46	\$0	\$0.00	-\$739,243
D.	Electrical Systems	\$682,700	\$17.97	\$1,411,755	\$37.15	\$1,139,910	\$30.00	-\$271,845
E.	Plumbing and Fixtures	\$109,500	\$2.88	\$226,435	\$5.96	\$111,500	\$2.93	-\$114,935
F.	Windows	\$87,900	\$2.31	\$181,768	\$4.78	\$148,975	\$3.92	-\$32,793
G.	Structure: Foundation	\$0	\$0.00	\$0	\$0.00	\$34,500	\$0.91	\$34,500
H.	Structure: Walls and Chimneys	\$88,400	\$2.33	\$182,802	\$4.81	\$152,544	\$4.01	-\$30,258
I.	Structure: Floors and Roofs	\$0	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
J.	General Finishes	\$769,800	\$20.26	\$1,591,869	\$41.89	\$2,328,848	\$61.29	\$736,978
K.	Interior Lighting	\$330,400	\$8.70	\$683,234	\$17.98	\$417,967	\$11.00	-\$265,267
L.	Security Systems	\$70,300	\$1.85	\$145,373	\$3.83	\$139,543	\$3.67	-\$5,831
M.	Emergency/Egress Lighting	\$62,300	\$1.64	\$128,830	\$3.39	\$85,493	\$2.25	-\$43,337
N.	Fire Alarm	\$76,000	\$2.00	\$157,160	\$4.14	\$0	\$0.00	-\$157,160
O.	Handicapped Access	\$101,900	\$2.68	\$210,719	\$5.55	\$153,274	\$4.03	-\$57,445
P.	Site Conditions	\$119,100	\$3.13	\$246,287	\$6.48	\$218,955	\$5.76	-\$27,332
Q.	Sewage System	\$0	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
R.	Water Supply	\$0	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
S.	Exterior Doors	\$4,000	\$0.11	\$8,272	\$0.22	\$55,000	\$1.45	\$46,728
T.	Hazardous Material	\$49,700	\$1.31	\$102,775	\$2.70	\$220,345	\$5.80	\$117,570
U.	Life Safety	\$231,600	\$6.10	\$478,926	\$12.60	\$219,985	\$5.79	-\$258,941
V.	Loose Furnishings	\$152,000	\$4.00	\$314,321	\$8.27	\$331,714	\$8.73	\$17,393
W.	Technology	\$500,800	\$13.18	\$1,035,604	\$27.25	\$579,454	\$15.25	-\$456,150
X.	Non-Construction Costs	\$2,083,115	\$54.82	\$4,307,674	\$113.37	\$4,177,293	\$109.94	-\$130,381
		\$6,483,600	\$170.63	\$13,407,436	\$352.86	\$13,732,599	\$361.41	\$325,163
		Delta %:						2.43%

Burbank Early Childhood School

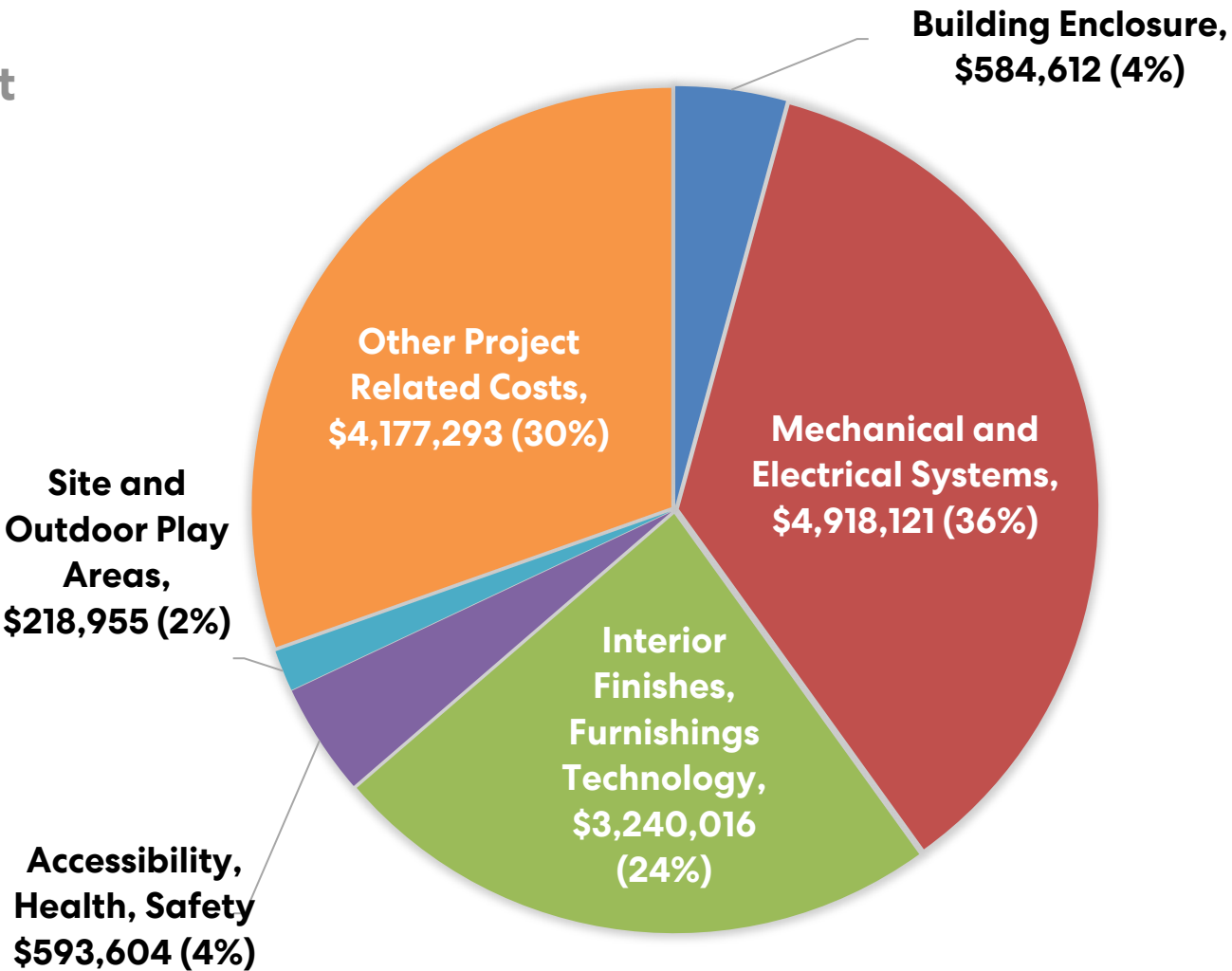
2024 Costs Compared to 2015 Costs

	2015 Assessment in 2015 Dollars	2015 Assessment in 2024 Dollars	2024 Assessment	Variance
Building Enclosure	\$475,200	\$982,666	\$584,612	-\$398,055
Mechanical and Electrical Systems	\$1,924,385	\$3,979,436	\$4,918,121	\$938,685
Interior Finishes, Furnishings, Technology	\$1,422,600	\$2,941,795	\$3,240,016	\$298,221
Accessibility, Health, Safety	\$459,200	\$949,580	\$593,604	-\$355,976
Site and Outdoor Play Areas	\$119,100	\$246,287	\$218,955	-\$27,332
Other Project Related Costs	\$2,083,115	\$4,307,674	\$4,177,293	-\$130,381
	\$6,483,600	\$13,407,436	\$13,732,600	\$325,162
Delta %:				2.43%

Burbank Early Childhood School

Summary: Distribution of Required Investment

Building Enclosure	
Mechanical and Electrical Systems	
Interior Finishes, Furnishings, Technology	
Accessibility, Health, Safety	
Site and Outdoor Play Areas	
Other Project Related Costs	



Hastings Middle School

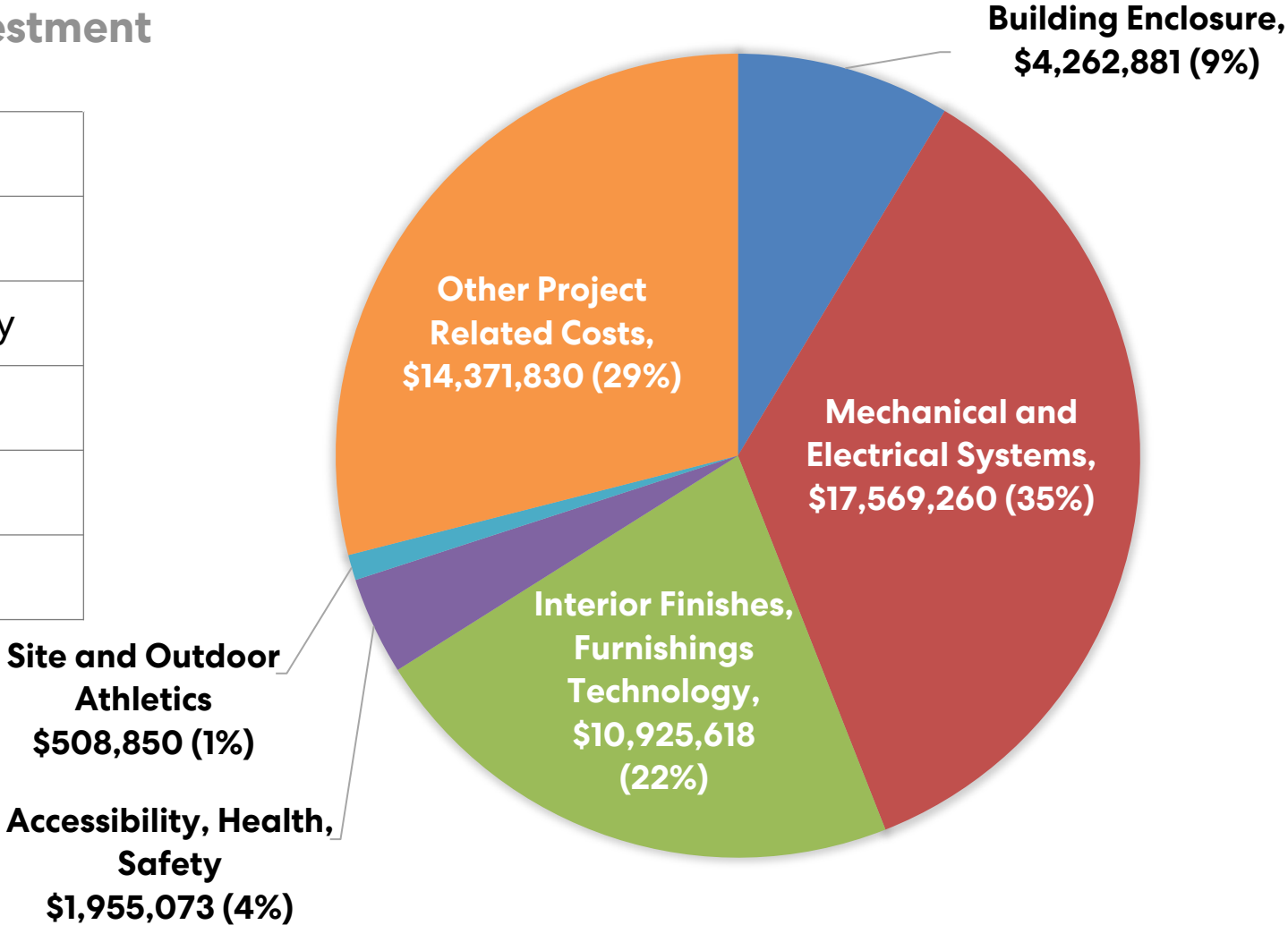
2024 Costs Compared to 2015 Costs

	2015 Assessment in 2015 Dollars	2015 Assessment in 2024 Dollars	2024 Assessment	Variance
Building Enclosure	\$1,808,600	\$3,740,004	\$4,262,881	\$522,877
Mechanical and Electrical Systems	\$8,263,300	\$17,087,678	\$17,569,678	\$481,582
Interior Finishes, Furnishings, Technology	\$3,957,900	\$8,184,541	\$10,925,618	\$2,741,077
Accessibility, Health, Safety	\$1,593,200	\$3,294,578	\$1,955,073	-\$1,339,505
Site and Outdoor Play Areas	\$650,000	\$1,344,135	\$508,850	-\$835,285
Other Project Related Costs	\$7,288,100	\$15,071,062	\$14,371,830	-\$699,232
	\$23,561,100	\$48,721,999	\$49,593,512	\$871,513
Delta %:				1.79%

Hastings Middle School

Summary: Distribution of Required Investment

Building Enclosure
Mechanical and Electrical Systems
Interior Finishes, Furnishings, Technology
Accessibility, Health, Safety
Site and Outdoor Play Areas
Other Project Related Costs



Jones Middle School

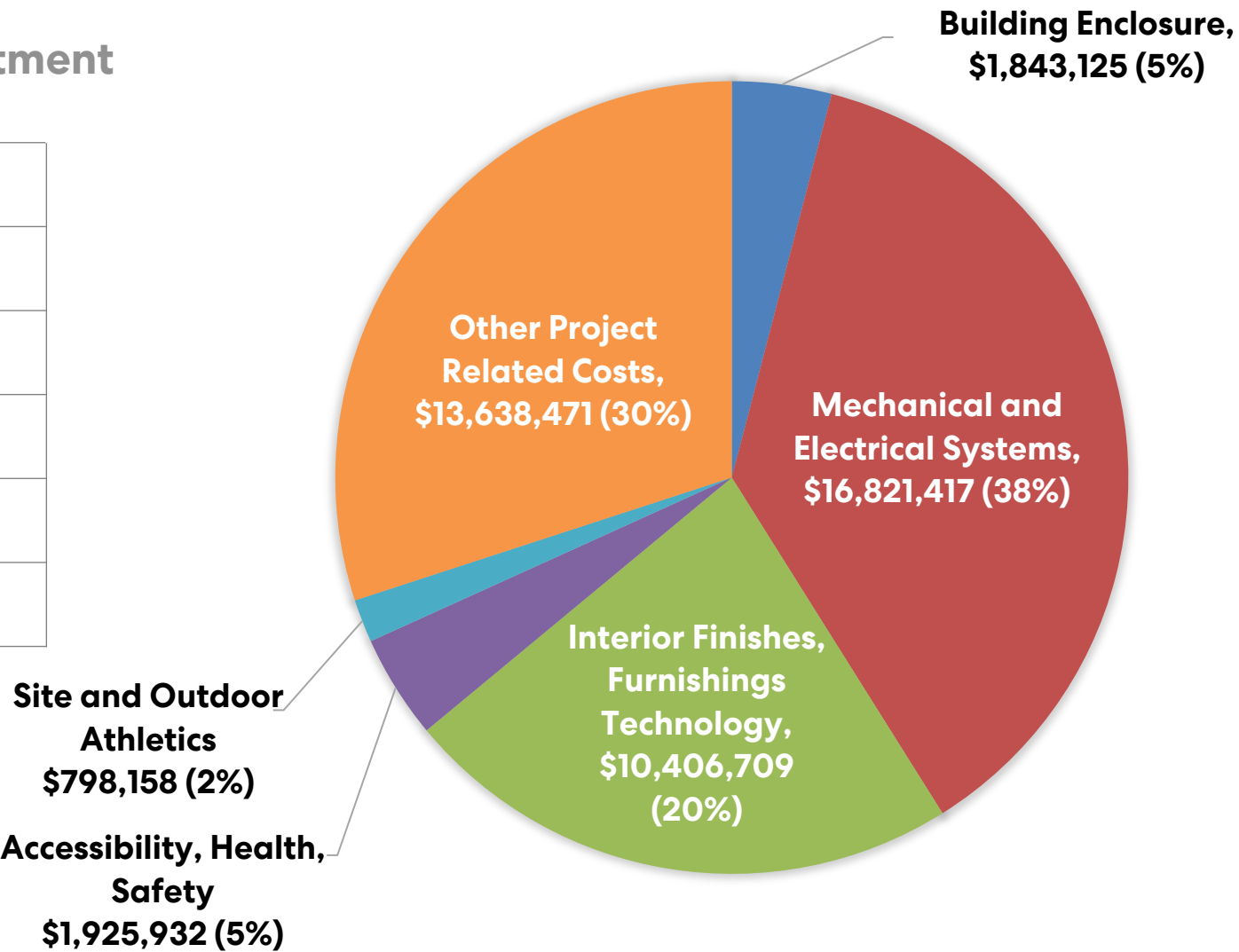
2024 Costs Compared to 2015 Costs

		2015 Assessment in 2015 Dollars	2015 Assessment in 2024 Dollars	2024 Assessment	Variance
	Building Enclosure	\$605,660	\$1,252,444	\$1,843,125	\$590,681
	Mechanical and Electrical Systems	\$5,207,075	\$10,767,710	\$15,512,637	\$4,744,927
	Interior Finishes, Furnishings, Technology	\$2,138,700	\$4,422,618	\$8,050,905	\$3,628,287
	Accessibility, Health, Safety	\$338,200	\$699,364	\$1,925,932	\$1,226,568
	Site and Outdoor Play Areas	\$598,772	\$1,238,201	\$997,544	-\$240,657
	Other Project Related Costs	\$7,113,793	\$14,710,613	\$12,036,425	-\$2,674,187
		\$16,002,200	\$33,090,949	\$40,366,568	\$7,275,618
Delta %:					21.99%

Jones Middle School

Summary: Distribution of Required Investment

Building Enclosure
Mechanical and Electrical Systems
Interior Finishes, Furnishings, Technology
Accessibility, Health, Safety
Site and Outdoor Play Areas
Other Project Related Costs



2024 Physical Adequacy

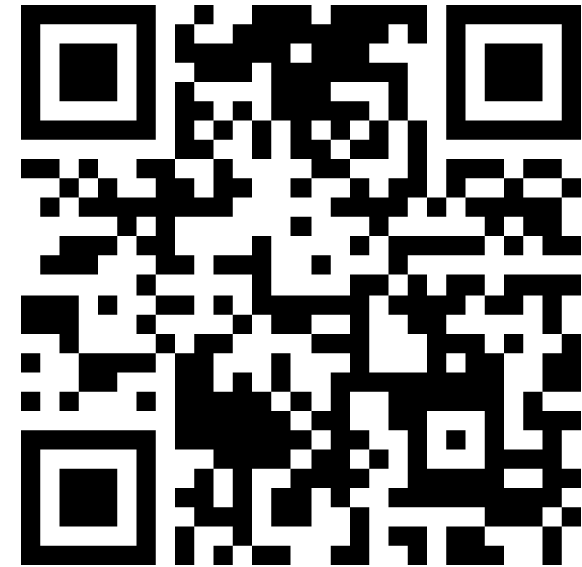
Cost Summary by School

	Burbank Early Childhood Center	Hastings Middle School	Jones Middle Schools	Total All Schools
Building Enclosure	\$584,612	\$4,262,881	\$1,843,125	\$6,690,618
Mechanical and Electrical Systems	\$4,918,121	\$17,569,678	\$15,512,637	\$38,000,436
Interior Finishes, Furnishings, Technology	\$3,240,016	\$10,925,618	\$8,050,905	\$22,216,539
Accessibility, Health, Safety	\$593,604	\$1,955,073	\$1,925,932	\$4,474,609
Site and Outdoor Play Areas	\$218,955	\$508,850	\$997,544	\$1,725,349
Other Project Related Costs	\$4,177,293	\$14,371,830	\$12,036,425	\$30,585,548
	\$13,732,600	\$49,593,512	\$40,366,568	\$103,693,099

Feedback Opportunity

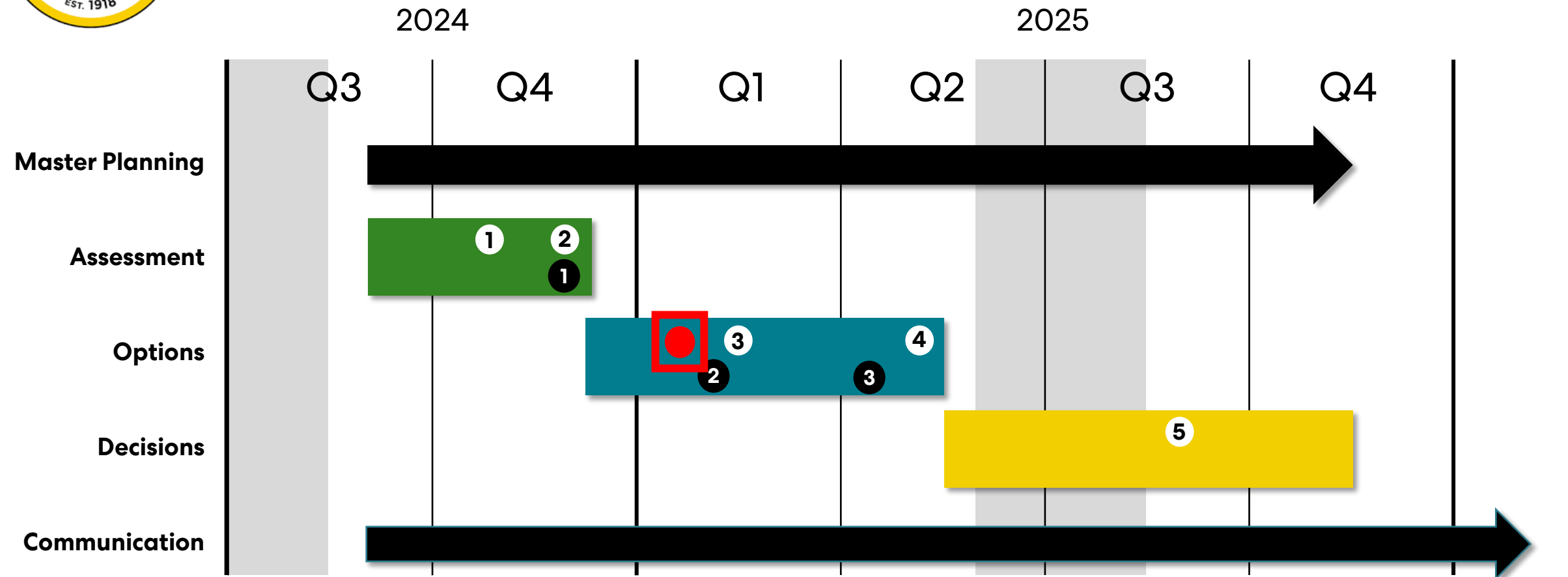
1. Is there anything about the educational or physical assessments that surprises you?
2. What other information do you need to better understand the current condition of our school buildings?
3. What are your expectations or desires for the options phase?
4. Are there any other thoughts you would like to add about facilities master planning phase two?

Link: tinyurl.com/UA-Schools-CES-2





Phase II - Facilities Master Plan Schedule



Denotes Community Engagement Session (CES)
Denotes Building Team Meeting (BTM)

- CES #1 (Oct 29/30, 2024): Process/schedule, Guiding Principles, how to be involved
- CES #2 (Dec 3/4, 2024): Educational and Physical Adequacy Assessments
- New Date:** Learning Environments Summit (Jan 22, 2025)
- CES #3 (Feb 18/19, 2025): Draft planning options
- CES #4 (May 12/13, 2025): Revised planning options, costs
- CES #5 (Sept 3/4, 2025): Final master plan presentation (if needed)



Thank you

