

Bowling Green City Schools New High School

DLRGROUP
emersion**DESIGN**

Design Update

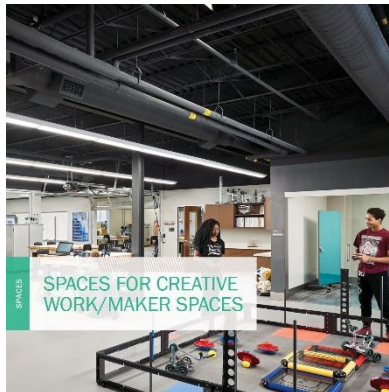
September 09, 2025



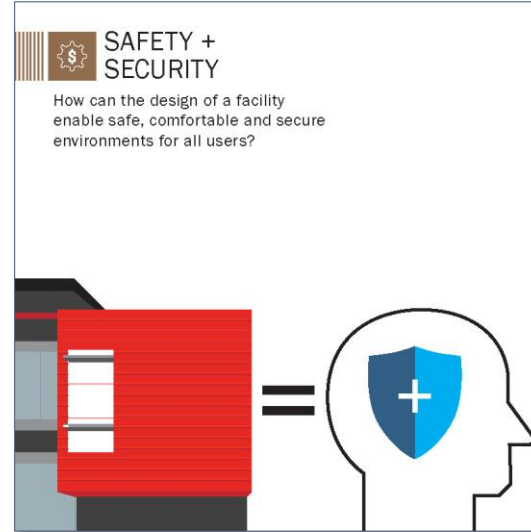
Your Vision: What We Heard During Master Planning



Teaching and Learning Visioning



Physical and Mental Safety and Security



A Team Commitment to the Community



Recurring Core Team Meetings

Meeting Stats	
Number of Meetings	<u>27</u>
Total Number of Hours	<u>48</u>
Timeline	<u>May 2024 – Aug 2025</u>

People Involved			
<u>Bowling Green CSD</u>	Dr. Ted Haselman	Ryan Myers	Daniel Black
	Matt Feasel	Norm Greer	Michele Wolf*
	Jim Witt		Rachell Newell*
<u>DLR Group & emersion DESIGN</u>	Dusty Lake	Jenny Olson	Stephanie Banfield
	Jessica Horstkotte	Matt Schmid	Mike Boron
	Christie Boron	Aly Mix	
<u>Other Partners</u>	CMTA	Reitano Design Group	ZHCx
	Kleingers	Rudolph Libbe	
	BCL	Resource International	

Individual Meetings

Police & Fire Department Meetings

In-Person Workshops

Discipline Specific Meetings

Department Focus Group Meetings

Your High School Programming



Program and Design

OFCC 10 Yr. Projection:
642 student enrollment

18 Academic Core Spaces

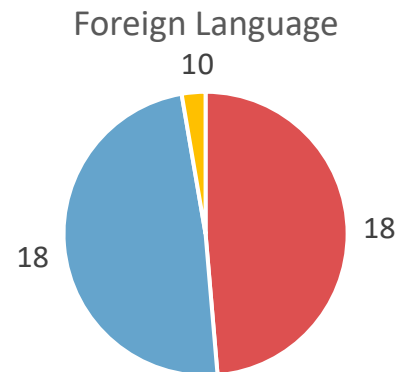
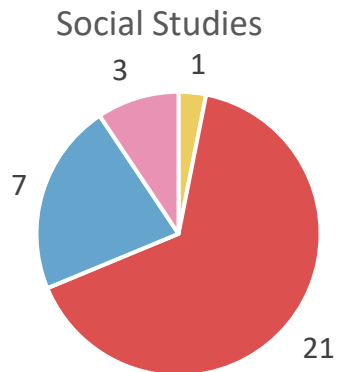
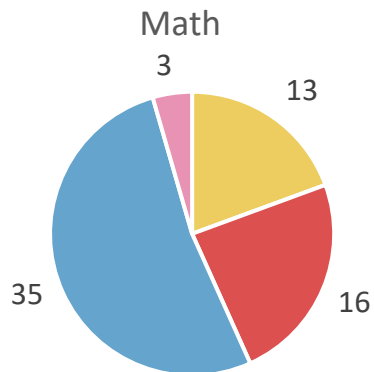
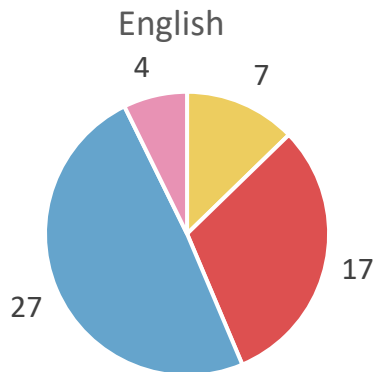
Meeting YOUR needs at
880 Student Capacity

with flexibility in growth to
970 Student Capacity

26 Academic Core Spaces

Program Areas	
Core Spaces	SQ. FT.
Academic Core	36,052
Spec. Ed./Student Svs.	4,270
Administration	5,868
Media Center	5,885
Visual Arts	5,242
Music	6,322
Technology Education	5,379
Business Education	1,989
Family and Consumer Science	1,527
Physical Education	26,042
Student Dining	4,496
Food Service	3,031
Custodial	501
Net Core Space	106,604
Building Services	35,442
Total Core Space	142,046
Construction Factor (9.5%)	13,462
Total Gross Square Footage of New High School	155,508

Master Schedule Trends

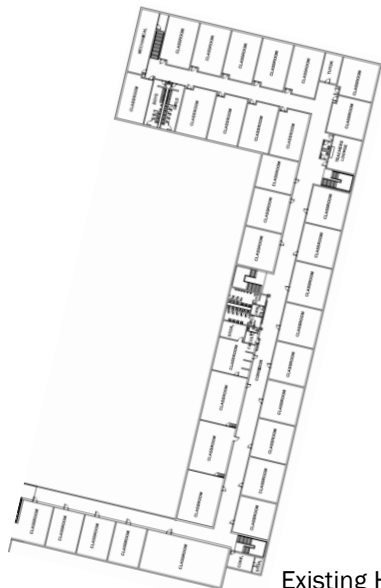


Average Class Size

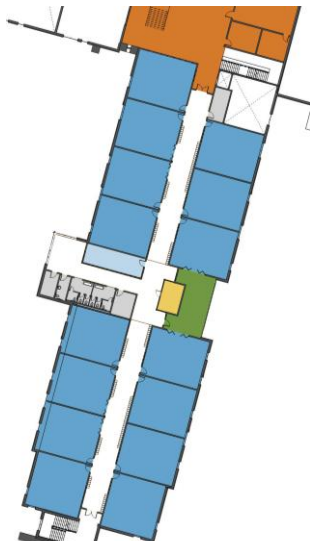
0 to 9 10 to 17 18 to 24 25 plus

Programming

Programming for the Next 60 Years



Existing High School



Previously Proposed

Themes:
Teacher home base
“Front Porch” collab zones
Medium to Large Group spaces

Core Team Workshop Ideation



Safety and Security Focus for Your Students



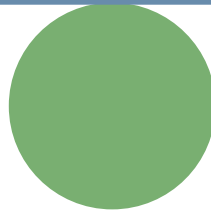
Balancing the Two



SAFETY



SECURITY



Relational Safety



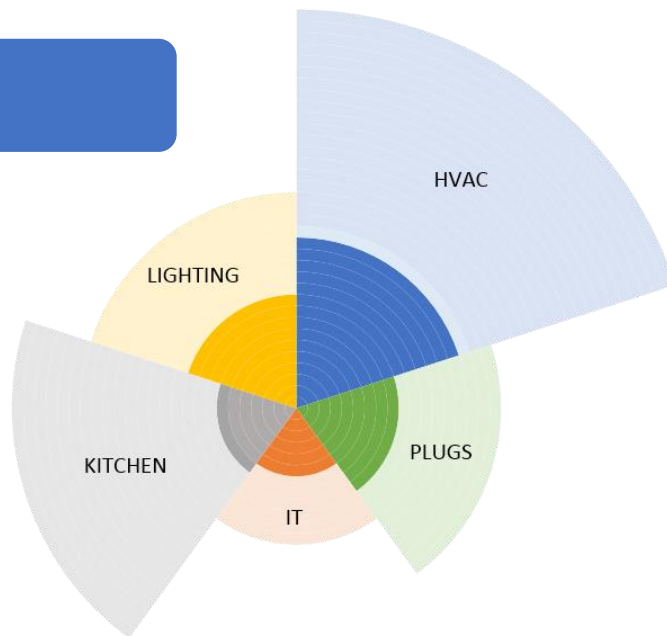
Maximizing Your Dollar and Operations



WHERE DOES THE ENERGY GO?

Follow the Energy

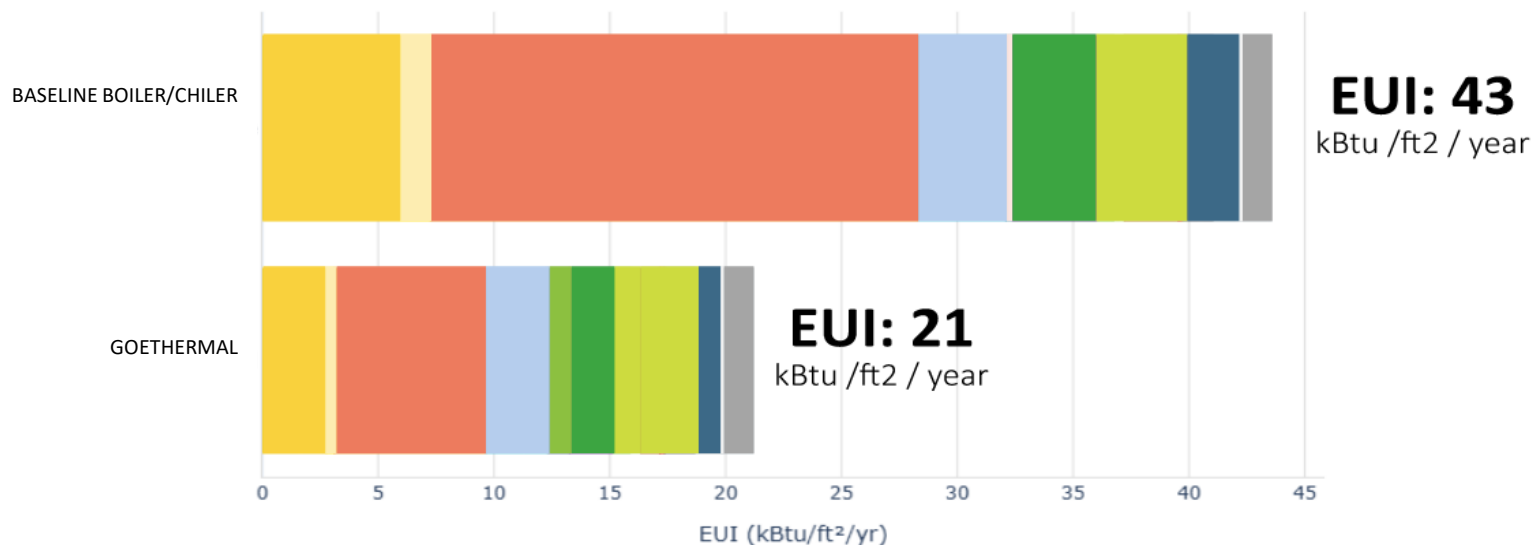
- HVAC ~45%
- Kitchen ~20%
- Lighting ~20%
- Plug Loads ~10%
- IT ~5%



CBECS Regional Data

New High School Design

PREDICTED EUI ENERGY USAGE INTENSITY



Inflation Reduction Act

(yes, it is still fully available for geothermal)

Credits being pursued:



30% Base Tax Credit

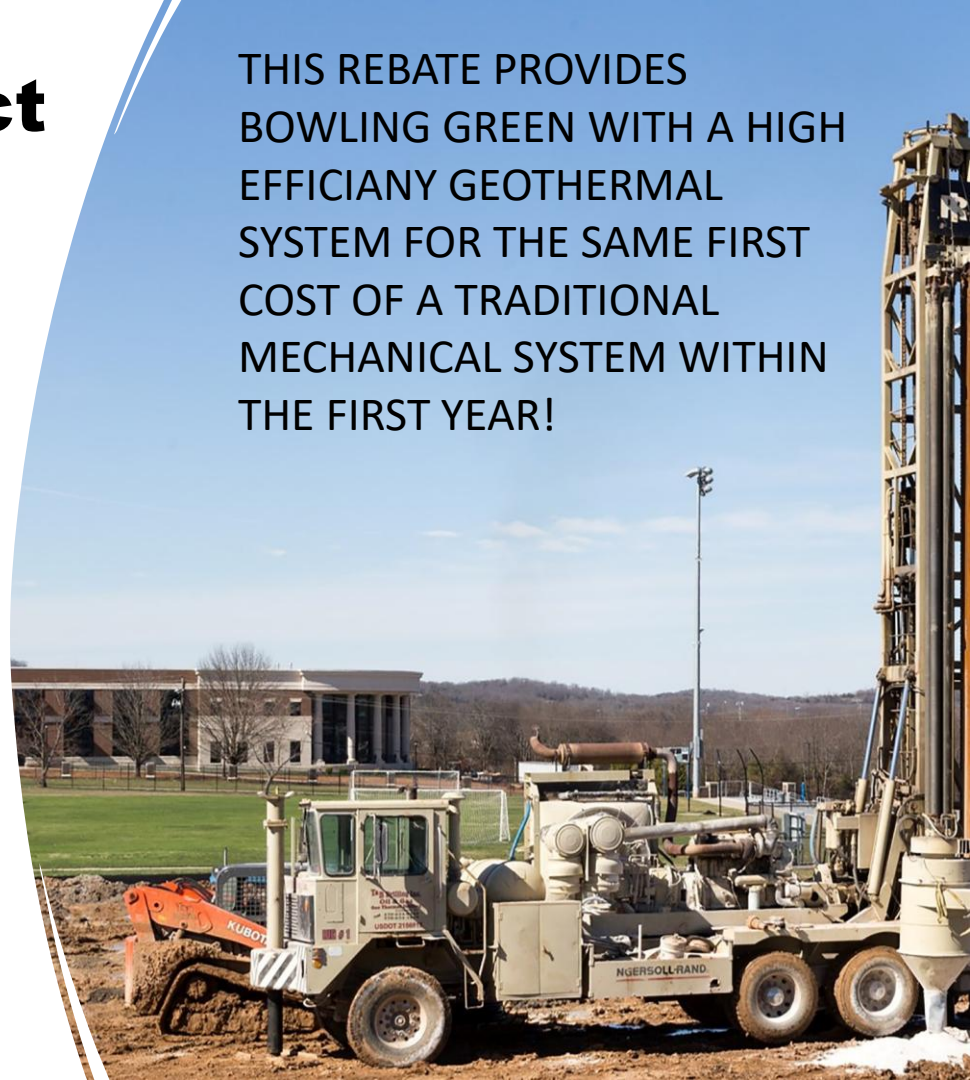
“installed efficiency /
generation”



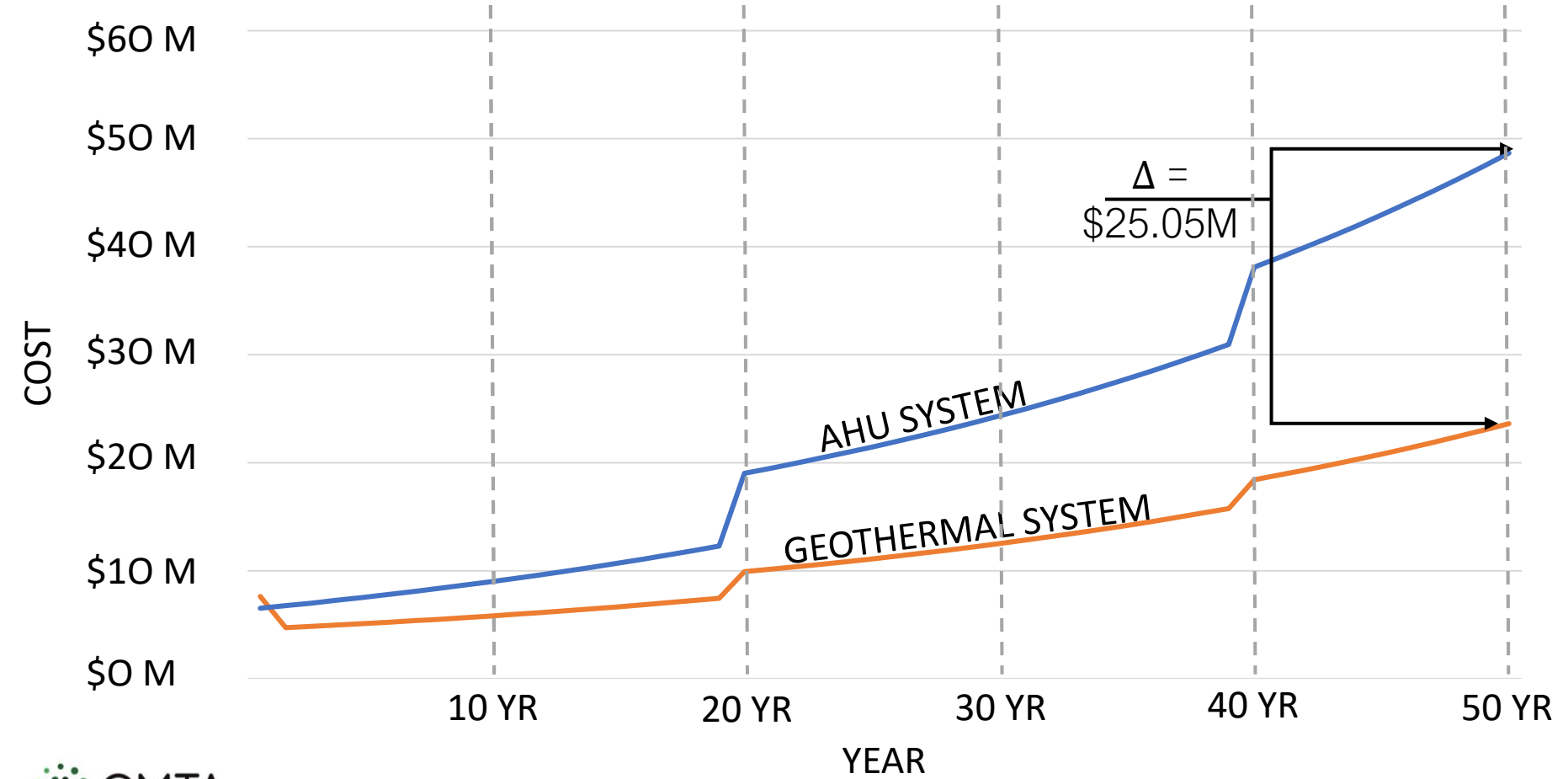
Domestic Manufacturing

“Bonus” 10% Incentive

THIS REBATE PROVIDES
BOWLING GREEN WITH A HIGH
EFFICIENCY GEOTHERMAL
SYSTEM FOR THE SAME FIRST
COST OF A TRADITIONAL
MECHANICAL SYSTEM WITHIN
THE FIRST YEAR!

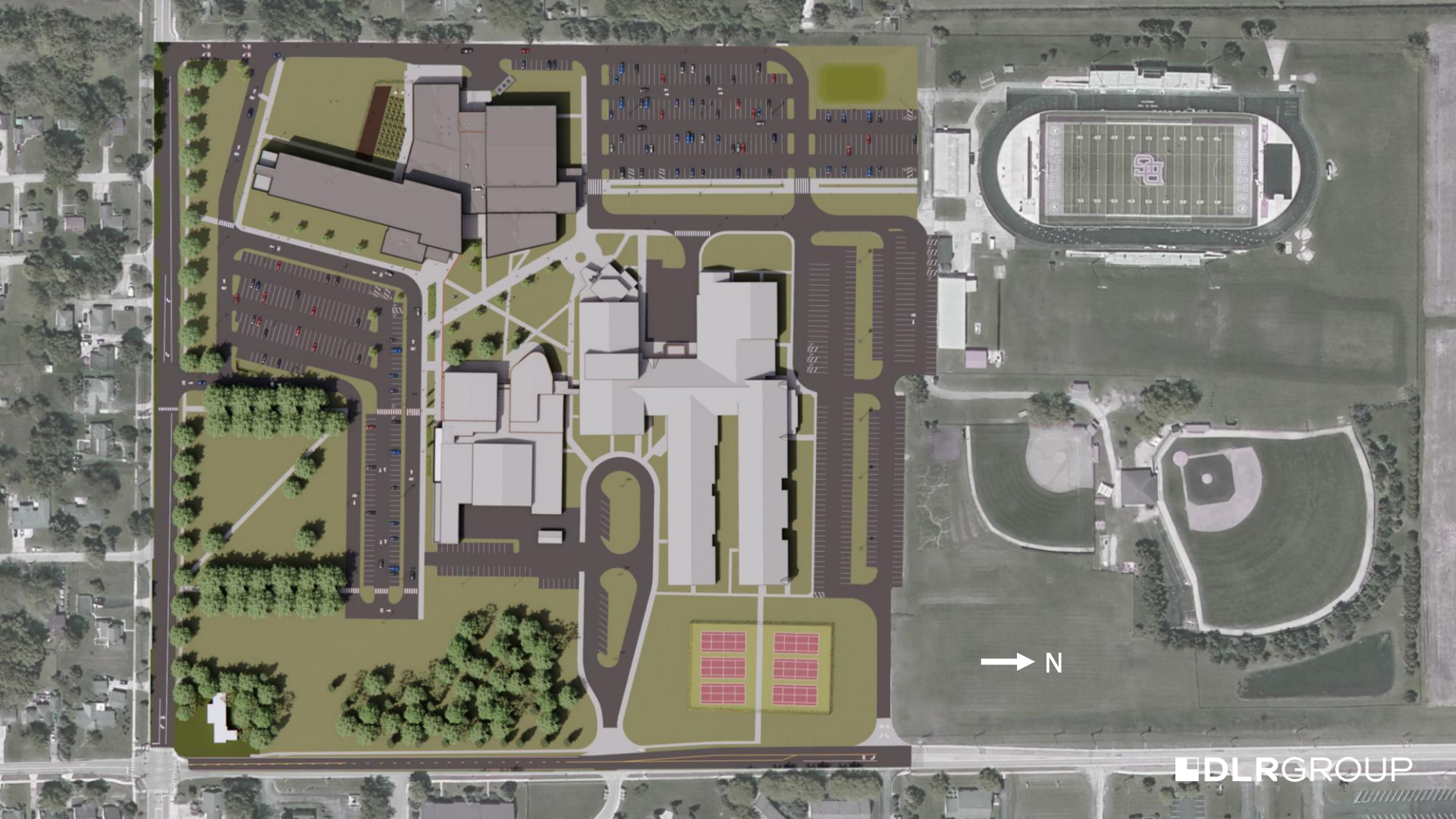


50-Year Life Cycle Cost



The Result: Programming and Design of Your High School







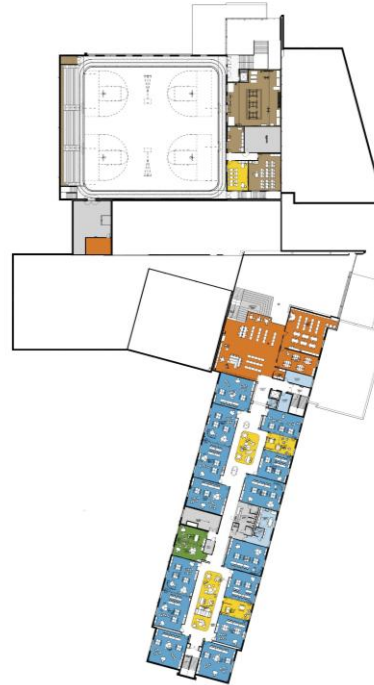




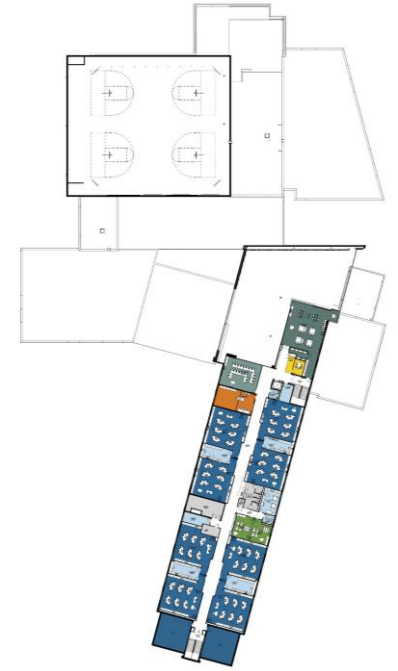
Floor Plans



Level 01



Level 02

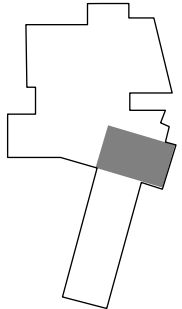


Level 03

K-12 Department

- ACADEMIC CORE COLLAB SPACES
- ACADEMIC CORE SPACE_COURTYARD
- ACADEMIC CORE SPACES
- ACADEMIC CORE STAFF SPACES
- ADMINISTRATIVE SPACES
- BUILDING SERVICES - CIRCULATION
- BUILDING SERVICES SPACES
- BUSINESS EDUCATION SPACES
- CUSTODIAL SPACES
- FAMILY AND CONSUMER SCIENCE SPACES
- FOOD SERVICE SPACES
- MUSIC SPACES
- PHYSICAL EDUCATION SPACES
- SPECIAL EDUCATION SPACES
- STUDENT DINING SPACES
- TECHNOLOGY EDUCATION SPACES
- VISUAL ART SPACES

Administration / Guidance

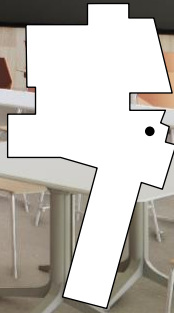




BOWLING GREEN
HIGH SCHOOL

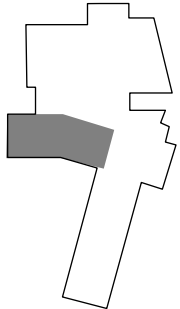
Commons / Dining / Food Service



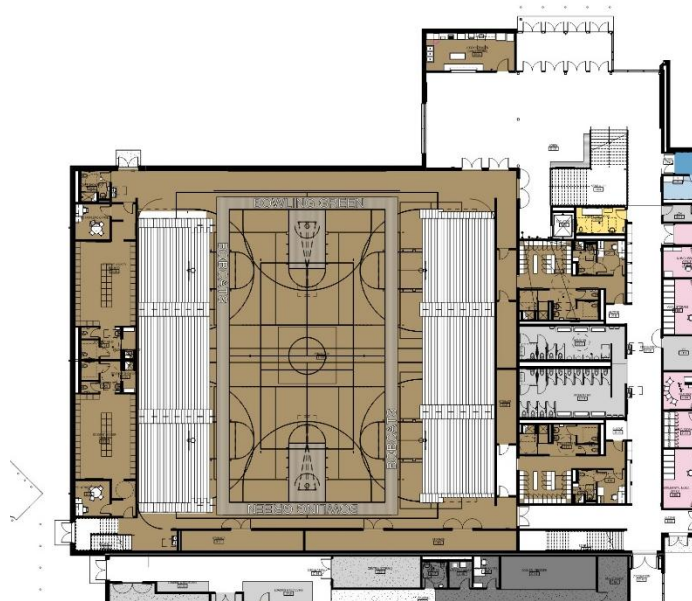




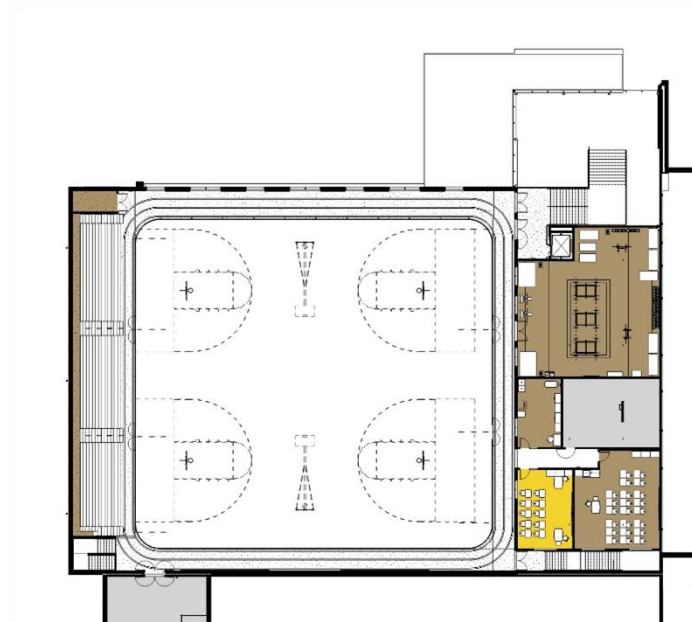
Marketing / FCS / Fine Arts / Ag Ed



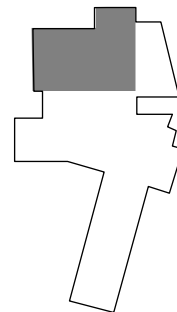
Athletics



Level 01



Level 02

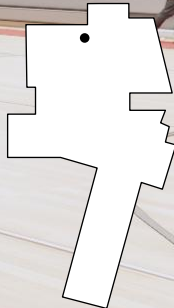


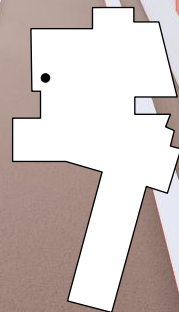


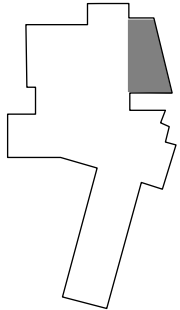


00:00
88 4 88
Next 6 12 3 6

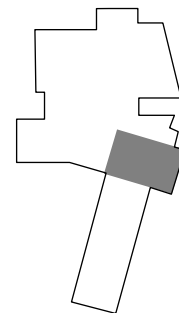
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Next 6 12 3 6

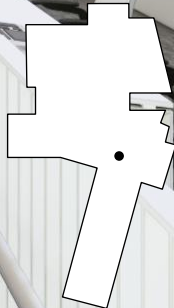






Media Center

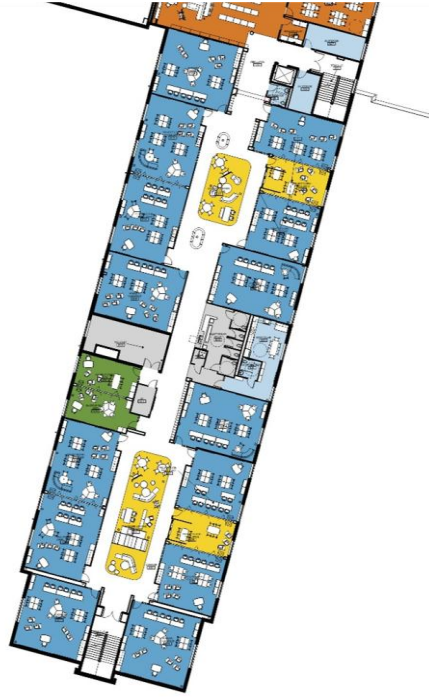




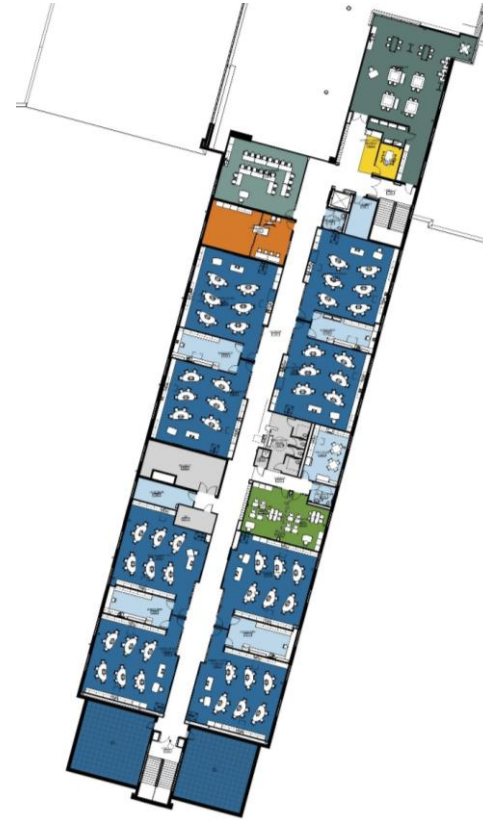
General Academics / Science



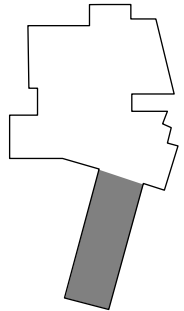
Level 01

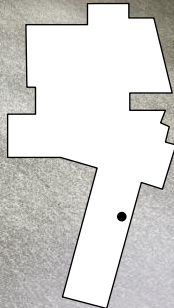


Level 02

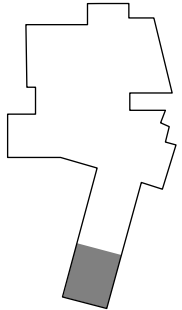


Level 03





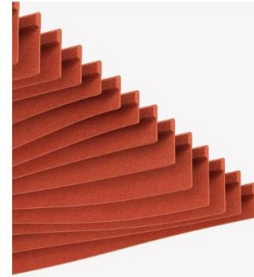
General Academics / Extended Learning



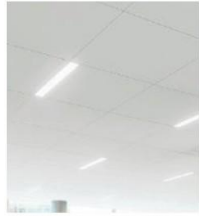




Convergence of Ecosystems



Interior Material Palette Overview



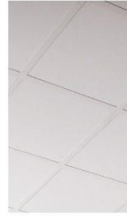
rockfon - education standard
24"x24" acoustic panel ceiling



slat railing - typical



perforated metal
panel @ media center



rockfon clean
room 24" x 24"
acoustical panel
ceiling



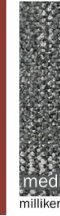
rockfon : acoustic
ceiling clouds



field paint



accent paint



media center

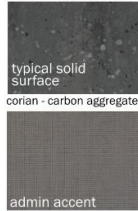
milliken - stereovision - light wave - airglow 10"x40"



commons
wood feature accent @
commons - wall & stair



corian - silver birch
solid surface



typical solid
surface



corian - carbon aggregate



restroom accent
roca - abbey fresno



restroom wet walls
& servery floor
ergon - grainstone
- rough grain - dark
24" x 24"



metal mesh accent @
registration desk



kinetics- acoustical wall
panels



general classrooms

milliken - coastline seascape - grey seal - 20"x20"



commons, lab spaces, toilet rooms
stained concrete



wilsonart - mission
maple - plastic
laminate



admin accent
carnegie xorel - comet



staff restroom
walls
ergon - grainstone -
rough grain - sand 24"
x 24"



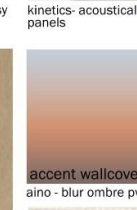
staff prep kitchenette
virginia tile - santorini -
navy 2" x 6"



servery accent -
stone source -
carmine - 3" x 12"



servery wall
virginia tile - frieze - glossy
3" x 8"



accent wallcovering
aino - blur ombre pvc free



conference | general admin

milliken - tracing landscapes - field study - 20"x20"



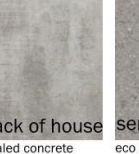
extended
learning

milliken - coastline
landscape transition -
20"x 20"



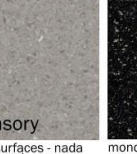
back of house

sealed concrete



sensory

eco surfaces - nada
rx - greystone



weight room

mondo - rubber
sport impact -
black



gym floor

connor sports
flooring - VIP
wood - custom



admin & staff
prep

milliken - mesa - tierra
sandstorm 7" x 48"



typ acoustic wall panels

carnegie xorel - meteor

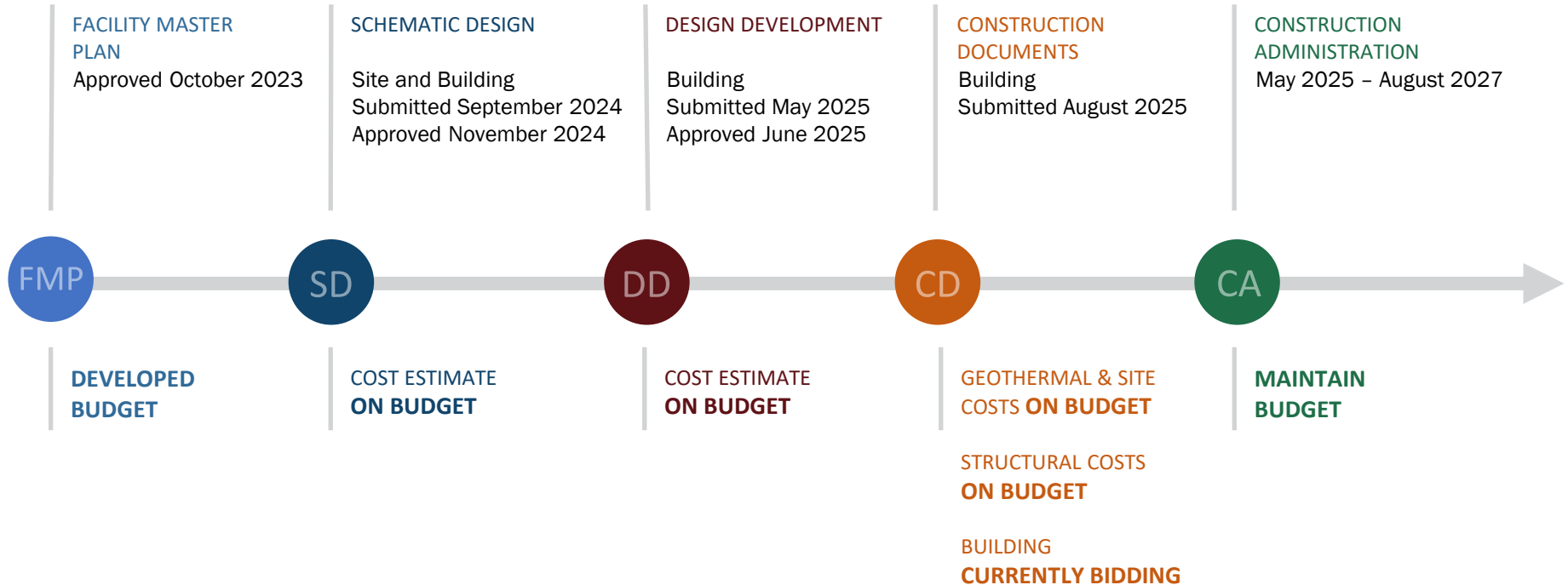


walk-off/ vestibules

matter surfaces - architectural grilles -
advanced track

Commitment from the Team

On Schedule and On Budget





Thank You

