

A District's Vision for Change & Community Alignment

Career and Technical Education (CTE) Integration through Stakeholder Collaboration



Meet the Speakers



Rebecca Albert-Vollrath, Ed.D

Director of Career and Innovation
Weld County School District RE-5J



Scott Dangel, AIA, LEED AP

Principal | Educational Planning + Design
Treanor



CarrieBeth Ruzicka, NCIDQ, IIDA

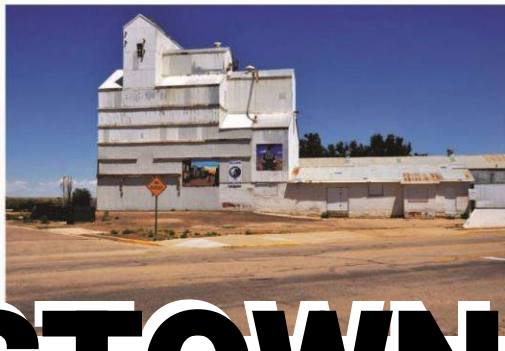
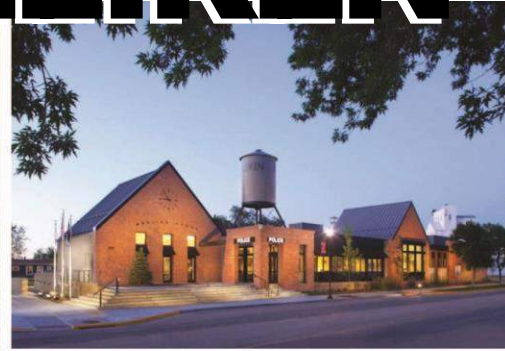
Registered Interior Design
Treanor



Learning Objectives

- Learn methods of comprehensive outreach in identifying CTE programs that align with the unique needs and aspirations of the community.
- Understand how the development of a district-wide master plan focused on CTE integration can result in a holistic and deeper approach to its implementation.
- Explore how to weave history and culture into a facility that stitches program and community together.
- Learn unique challenges that a specialized educational planning approach presents, including demonstrated ways to adapt and capitalize.
- Understand the pivotal role of a dedicated and driven CTE director in the design process and beyond.

MILLIKEN



JOHNSTOWN

At a Glance

Employment



Employment rate steadily increasing

Industry



Recent growth fueled by mining

Growth

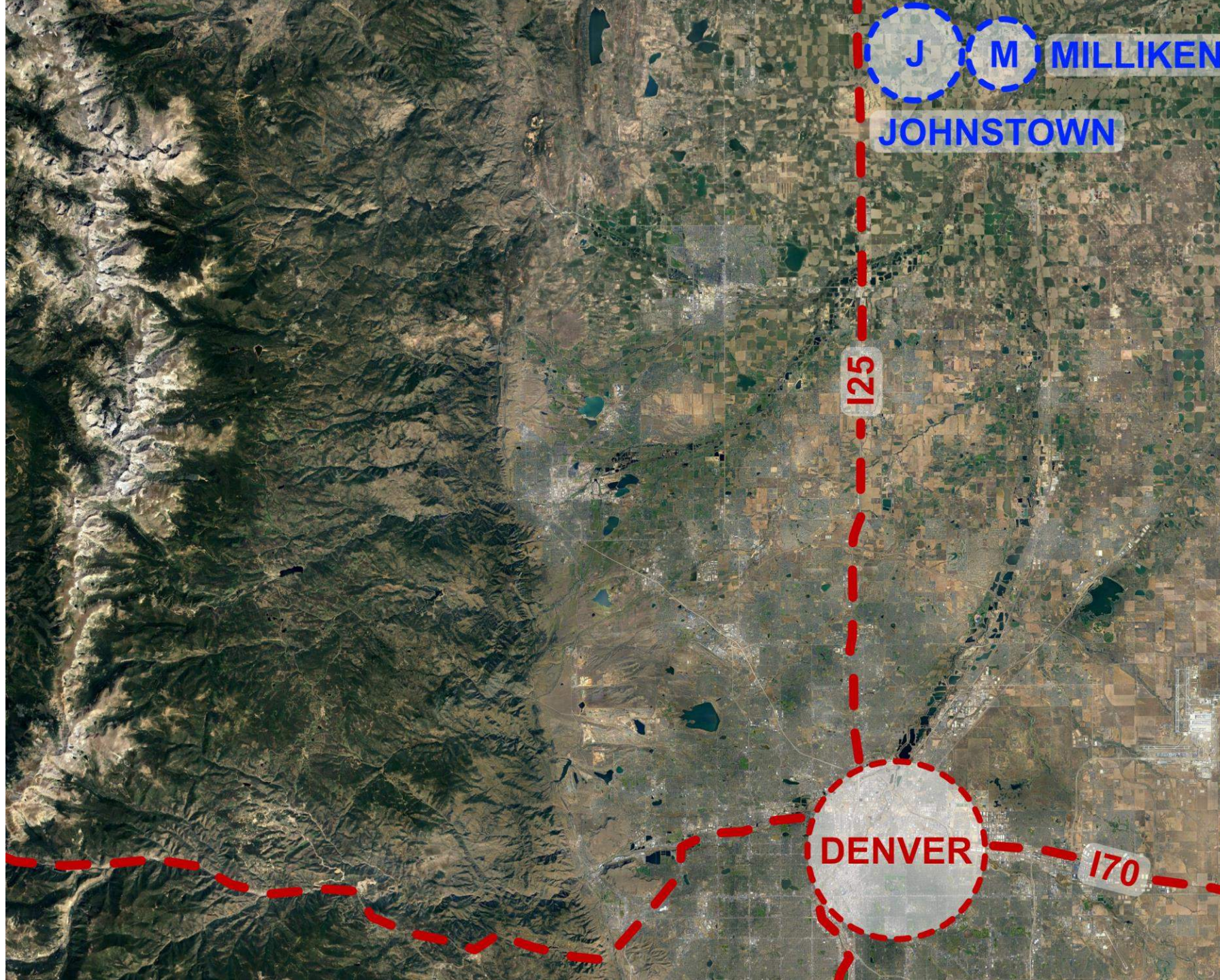


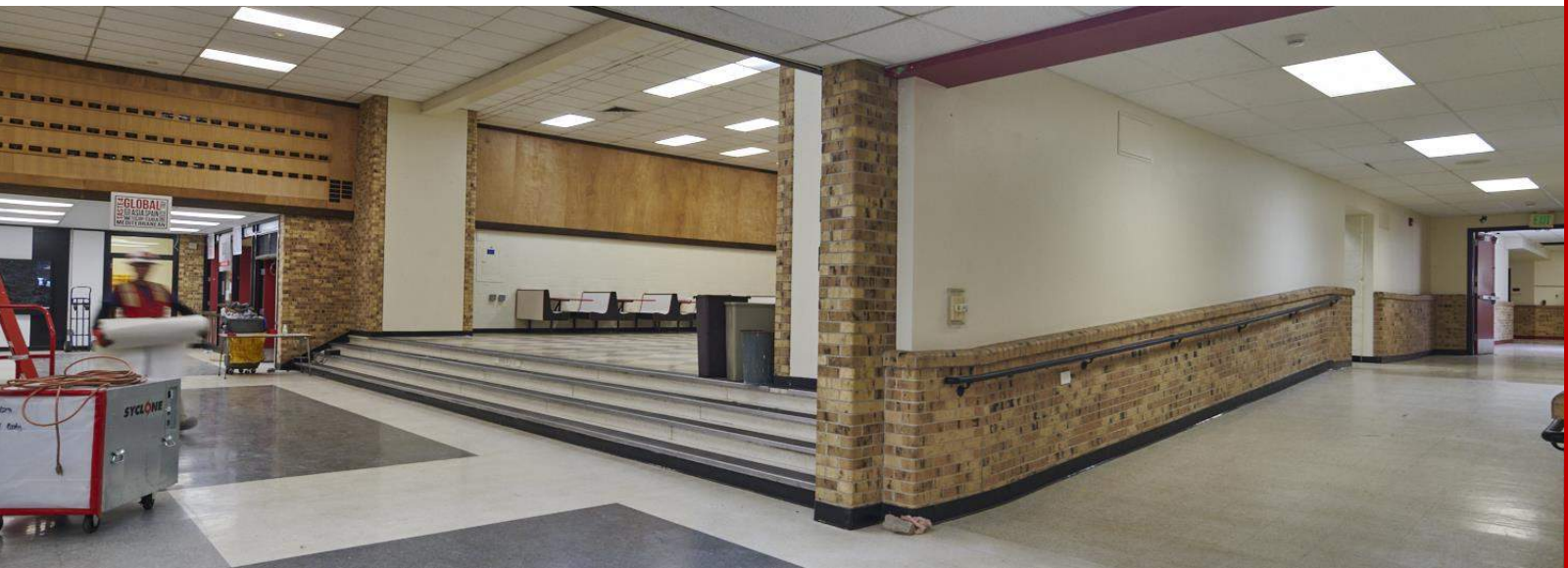
6% Annual growth rate

Diversity



Increased diversity in population & industry





Weld 5J Bond History



1999 Bond Pass

2019 Attempted Bond

2020 Bond

YES! 5A ISSUE

- ✓ Attract and retain quality teachers and staff.
- ✓ Expand Career and Technical Education (CTE) programs at the middle school and high school.
- ✓ Provide additional safety, security and mental health personnel across the District.
- ✓ Replace buses that have reached the end of their service life and maintain transportation safety.

Weld RE-5J has been awarded a \$9.5 million BEST grant!

- The grant will help fund the replacement of the 63-year-old Letford Elementary School.
- The grant DOES NOT need to be repaid.
- Weld RE-5J is one of only a few school districts this year to receive a BEST grant to help fund the replacement of a school.

YES! 5B ISSUE

- ✓ Replace Letford Elementary School on land donated by the Town of Johnstown by providing matching money required to receive an awarded \$9.5 million State BEST grant.
- ✓ Construct a new Roosevelt High School on donated land.
- ✓ Convert the existing high school into a middle school.
- ✓ Make improvements to Milliken Elementary School and Pioneer Ridge Elementary School to address safety and security needs, extend their useful life and reduce costly emergency repairs.
- ✓ Address improvements to Milliken Middle School, Early Learning Center and Knowledge Quest Academy facility.



New Letford Elementary School to be constructed on donated land.



Community Re-Engaged

- Facilitated focus groups
- Hired a consultant to try to get a sense of what the community would support
- Broadened our reach, doing more polling beyond our usual constituents
- District Accountability Committee (DAC)
- Johnstown Downtown Development Association (JDDA)
- Local civic groups
- Stakeholder groups at district- teachers, faculty and staff, parents

COMMUNITY MEETING

JOIN WITH OUR SCHOOL BOARD AND SUPERINTENDENT

To discuss proposed bond and mill levy for November 2019 in an Open Forum

June 12, July 31, August 14 at Johnstown Library
June 25, July 9, August 27 at Milliken Police Dept

4:00 pm - 6:00 pm

Bring your questions and ideas

FIND OUT WHAT'S HAPPENING!!



An important project that Issue 5B will fund is the conversion of Roosevelt High School into flexible classrooms that leverage updated technology and promote collaboration, STEM instructional spaces. This project will solve overcrowding issues and better position middle school, and continuing to operate and maintain the existing middle school, w...

YES! 5A & 5B

RETAIN QUALITY TEACHERS
MAKE CRITICAL UPGRADES
BUILD A NEW HIGH SCHOOL!

Look for your ballot coming soon!

To learn more go to:
www.YesRE5J.org

Paid for by
Citizens for Weld RE-5J
P.O. Box 392
Johnstown, CO 80534

The new Roosevelt High School will be a game-changer for our k...
The new high school will feature state-of-the-art classrooms; science and energy labs; STEM opportunities, including the agriculture program; auditorium, competition gym; auxiliary gym. This is a high school we will be proud to call our own.

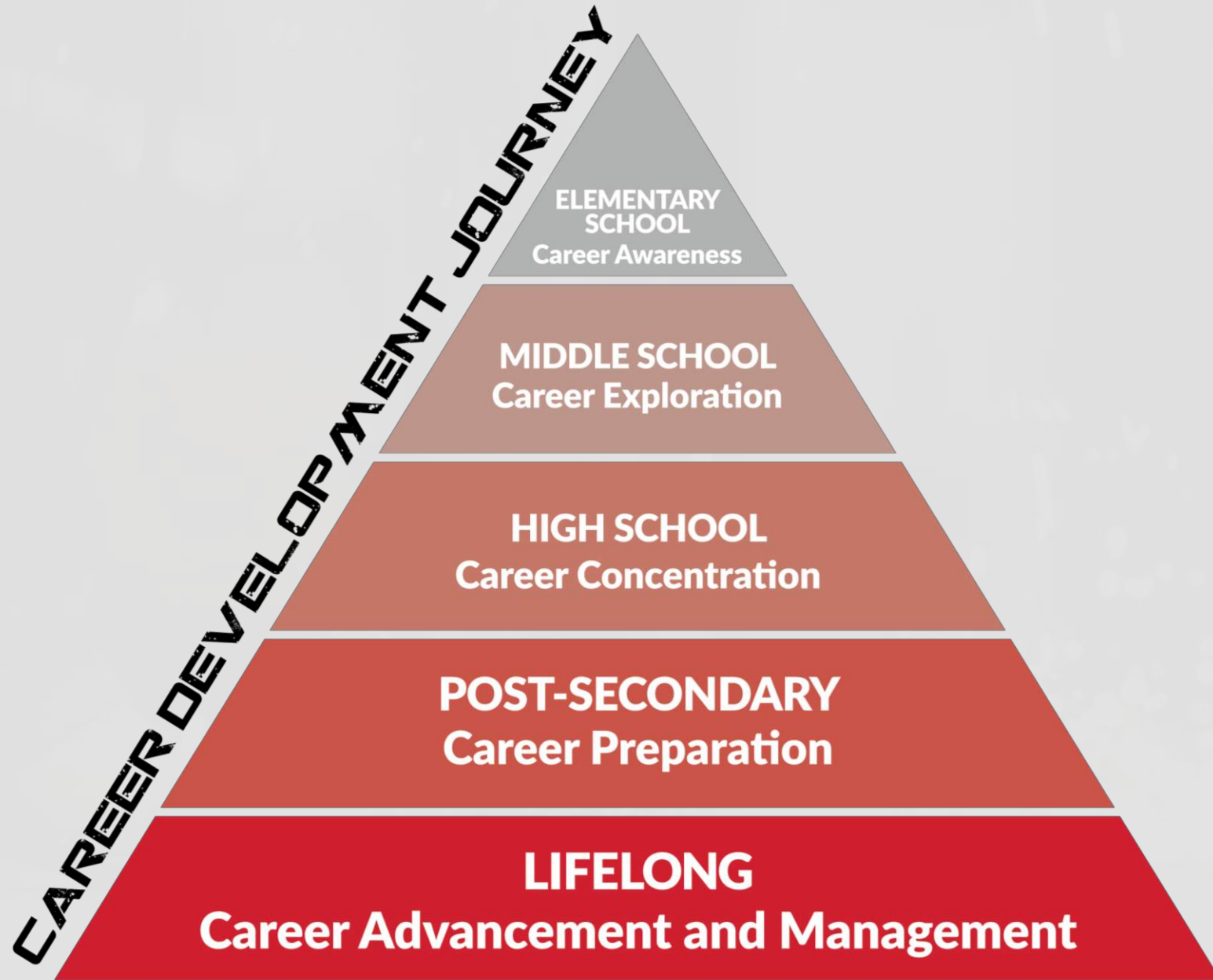


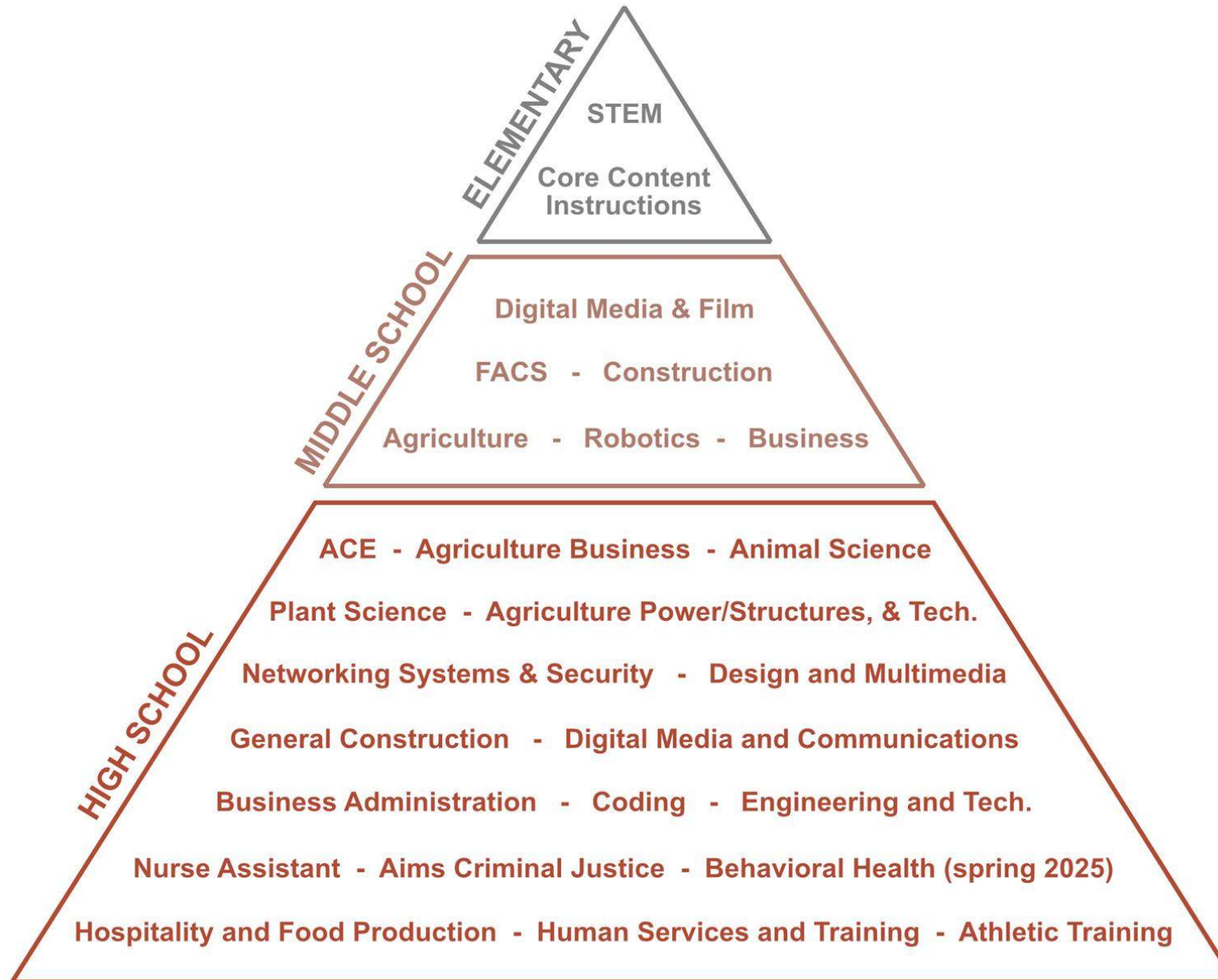
YES! 5A & 5B

RETAIN QUALITY TEACHERS
MAKE CRITICAL UPGRADES
BUILD A NEW ROOSEVELT HIGH SCHOOL!

YesRE5J.org

Paid for by Citizens for Weld RE-5J. Registered Agent: Chad Young





ELEMENTARY

STEM

**Core Content
Instructions**

MIDDLE SCHOOL

Digital Media & Film

FACS - Construction

Agriculture - Robotics - Business

HIGH SCHOOL

ACE - Agriculture Business - Animal Science

Plant Science - Agriculture Power/Structures, & Tech.

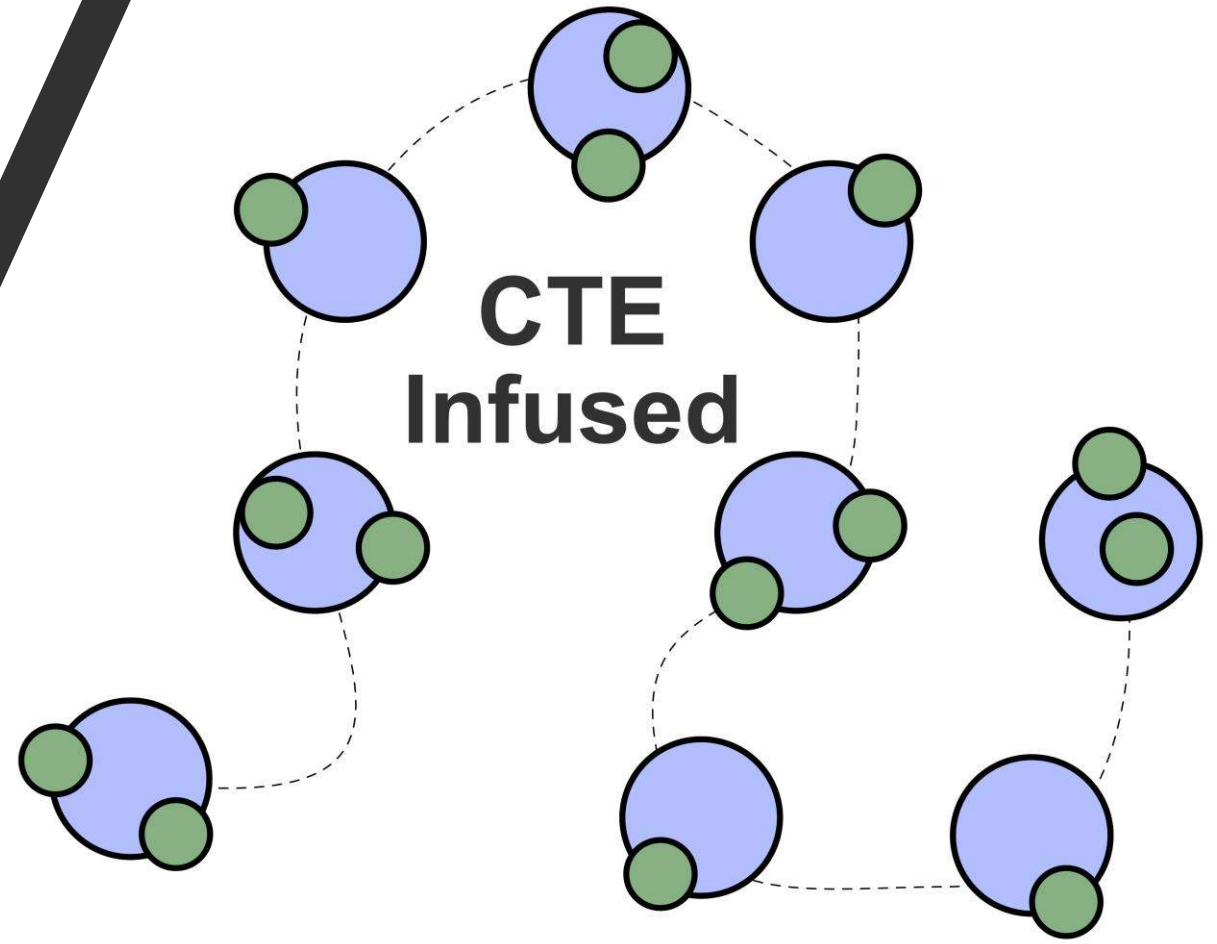
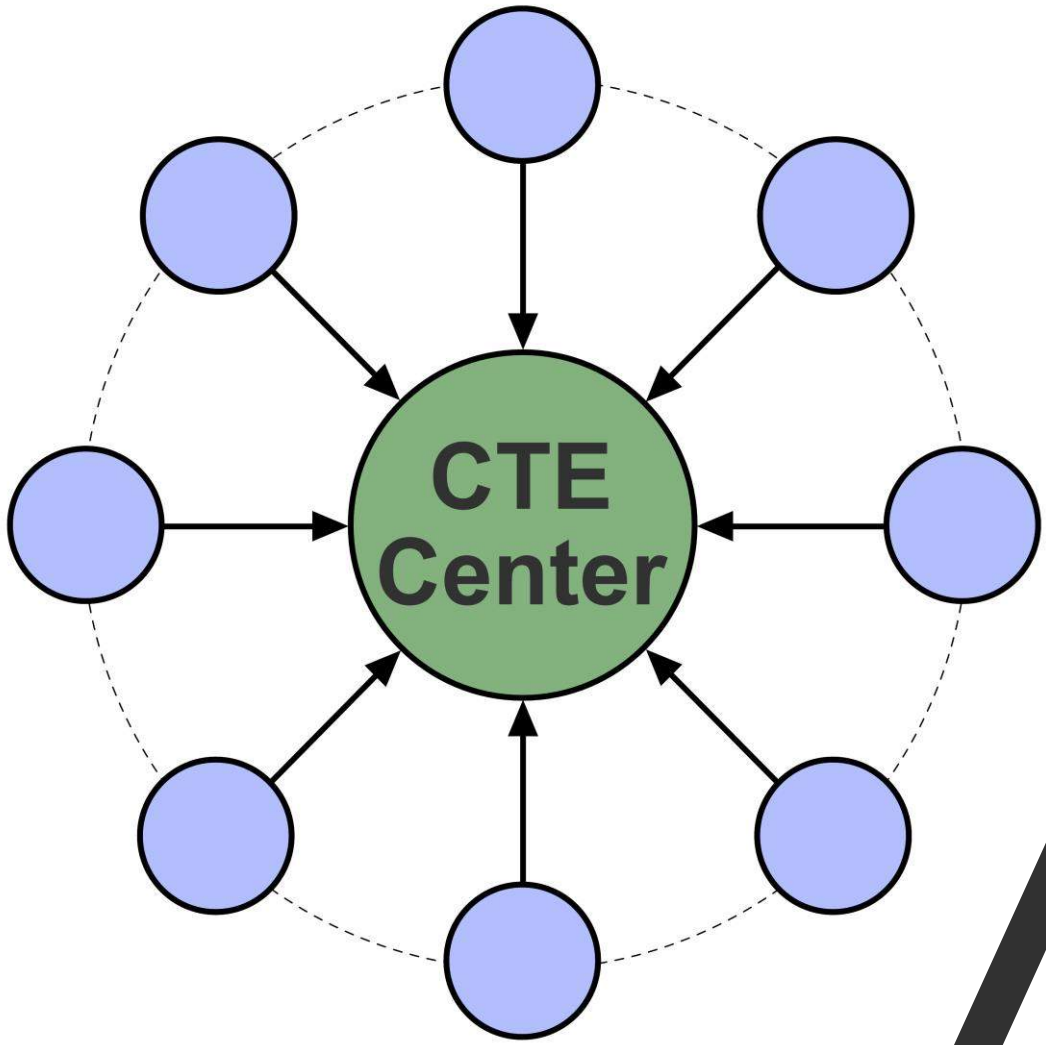
Networking Systems & Security - Design and Multimedia

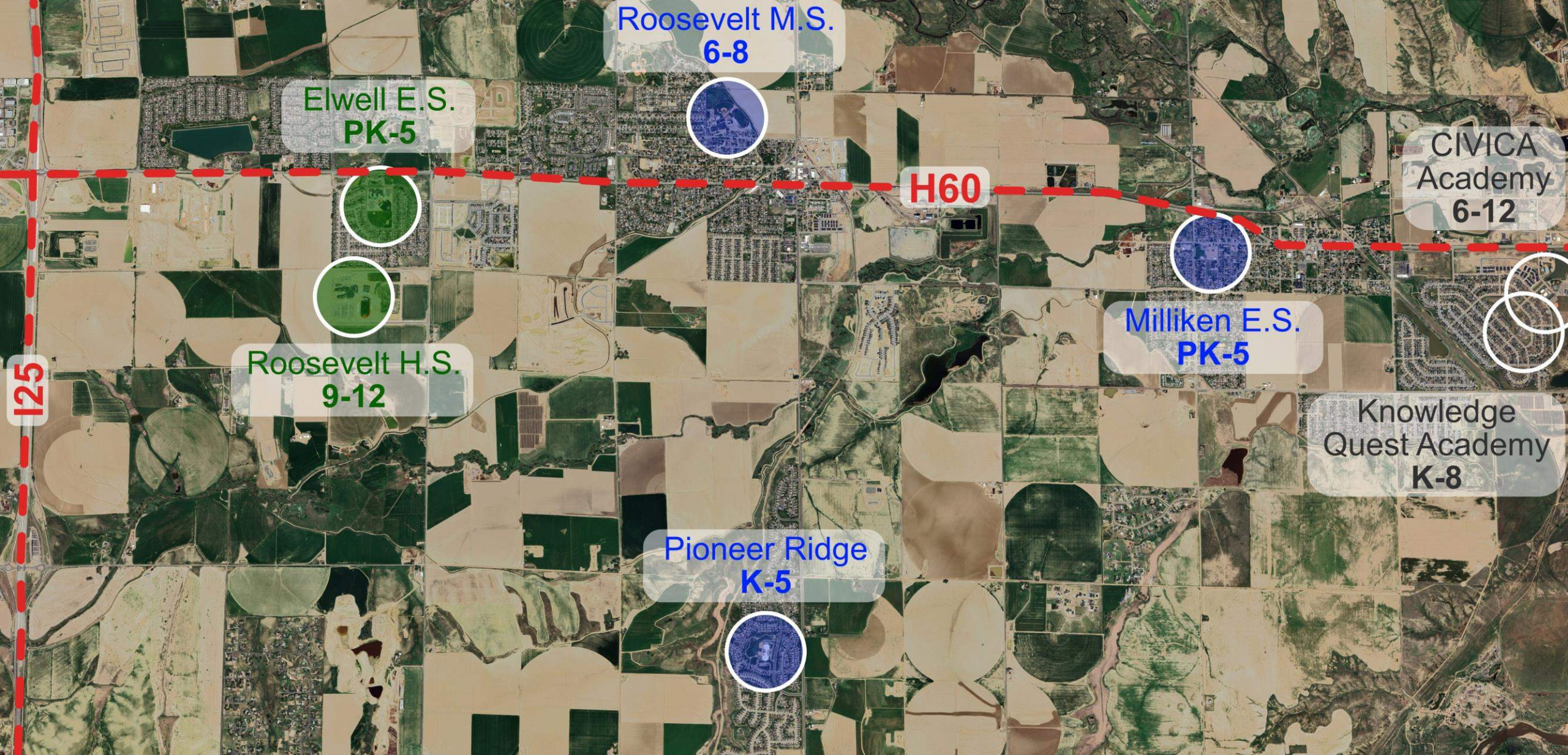
General Construction - Digital Media and Communications

Business Administration - Coding - Engineering and Tech.

Nurse Assistant - Aims Criminal Justice - Behavioral Health (spring 2025)

Hospitality and Food Production - Human Services and Training - Athletic Training





DISTRICT MASTERPLAN

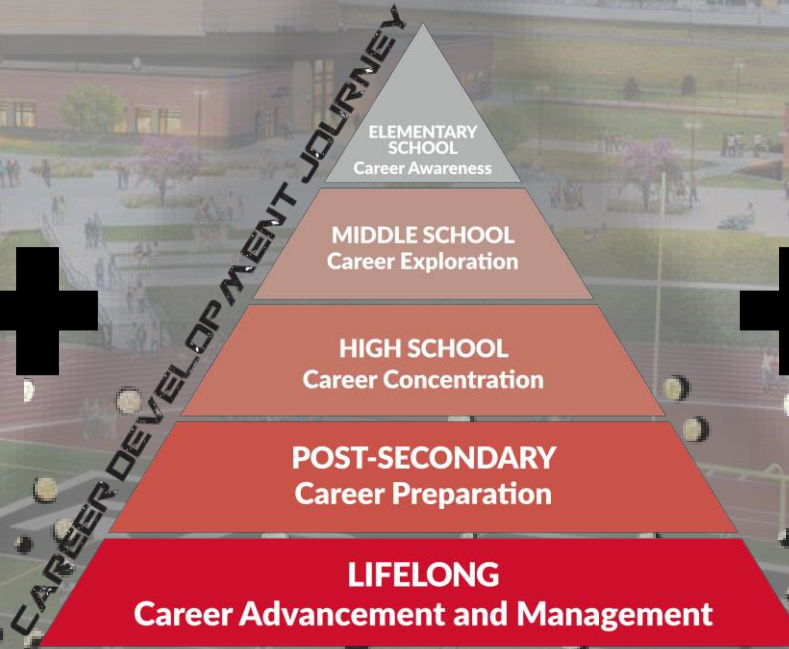
COMPREHENSIVE EXPERIENCE

Right fit for the community

BOND PASSES!



+



+



ROOSEVELT HIGH SCHOOL



► Initial Student Capacity: **1,300**

Future Student Capacity with Planned Additions: **1,600**

Land Acreage: **65 Acres of a 240-Acre Master Plan**

Occupancy Date: **August 2023**

Project Size: **230,000 Square Feet**

Design/Construction Cost: **\$107.4 Million**



JOHNSTOWN

MILLIKEN



Design Advisory Group

28 district attendees

- 5 school board members
- 6 school admin / district staff
- 9 CTE field teachers
- 4 athletics coaches
- 4 community members

11 design build team

- architects
- designers
- project managers
- construction estimators

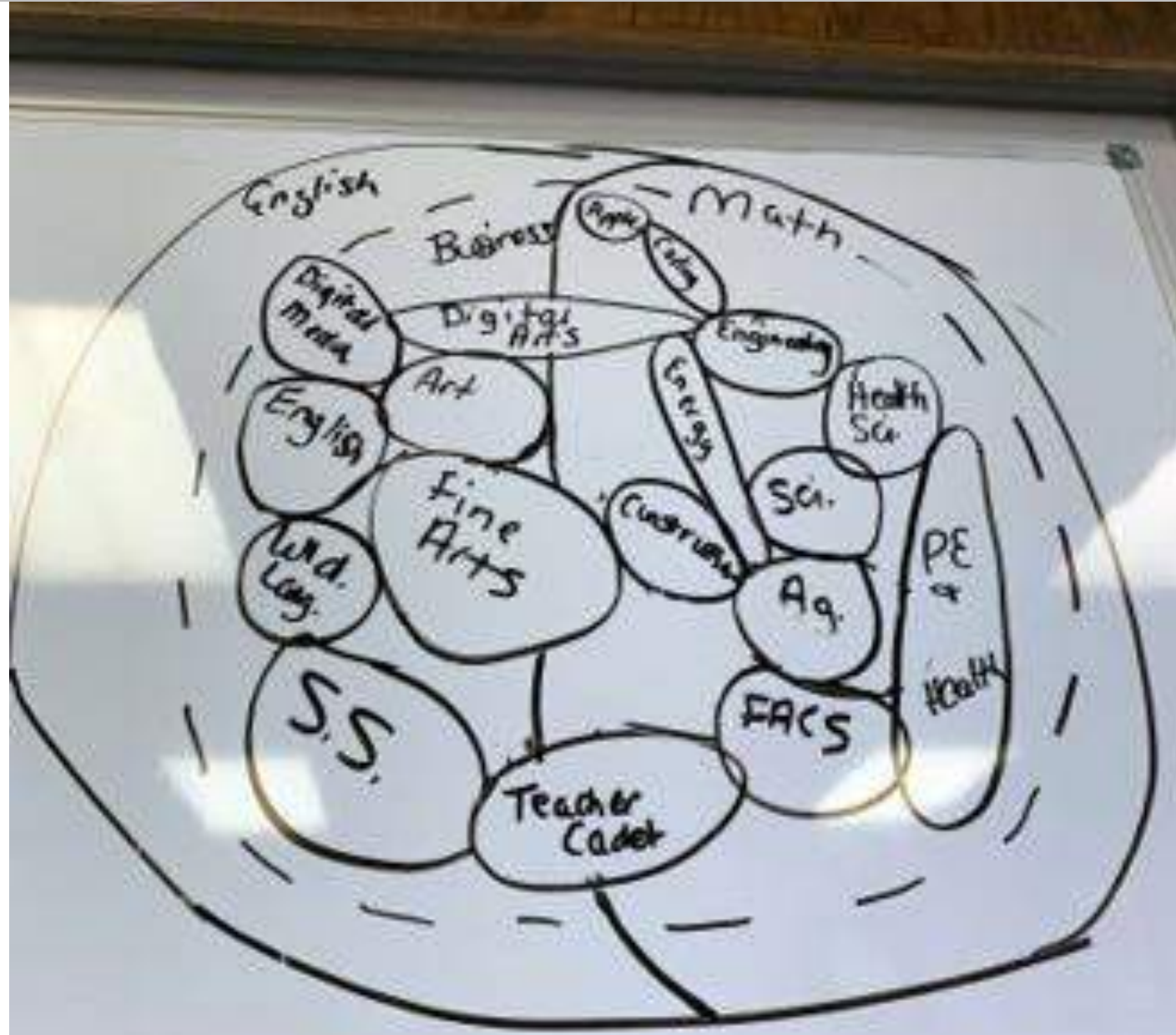


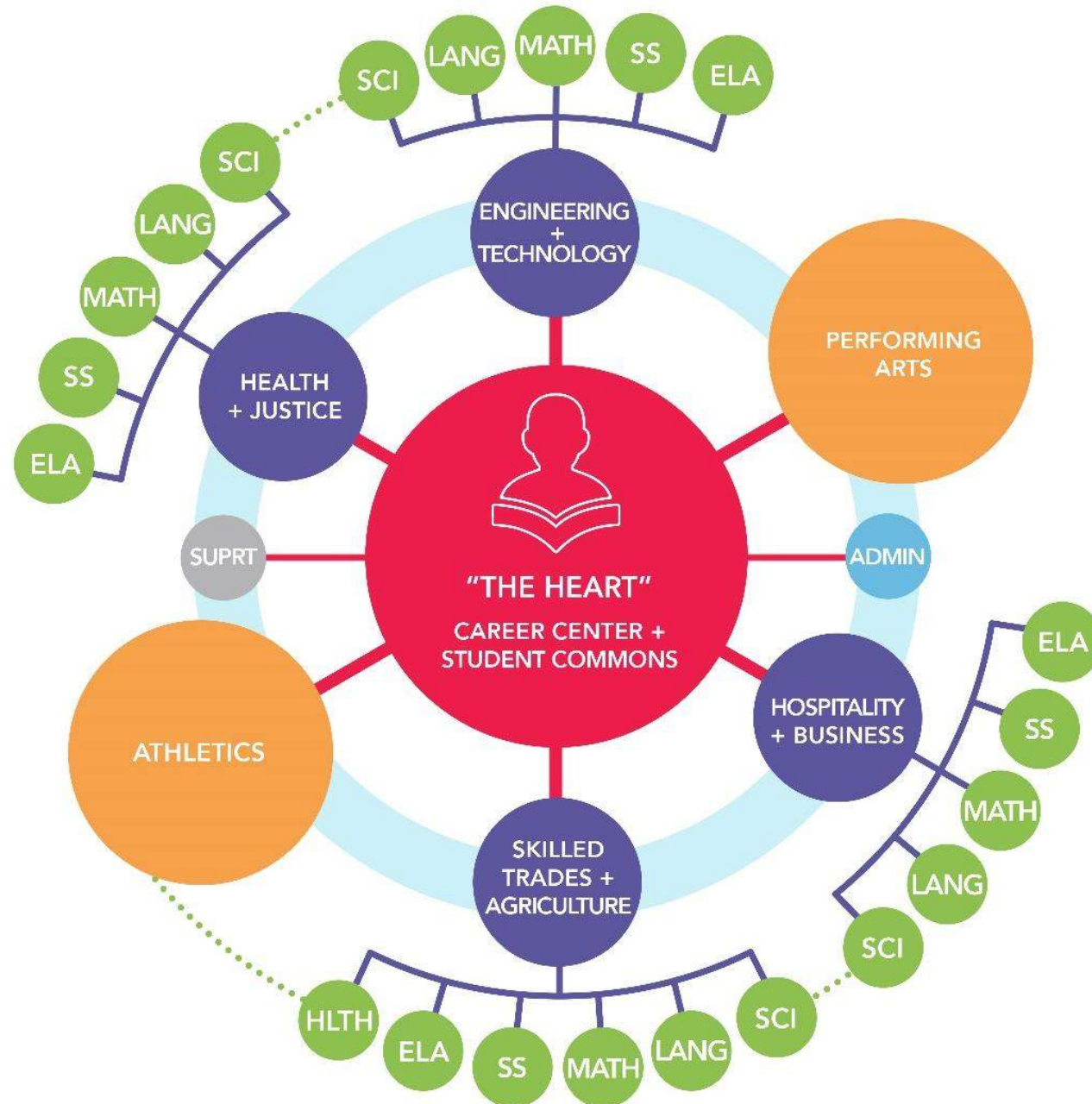
DISTRICT DIAGRAMS

CTE

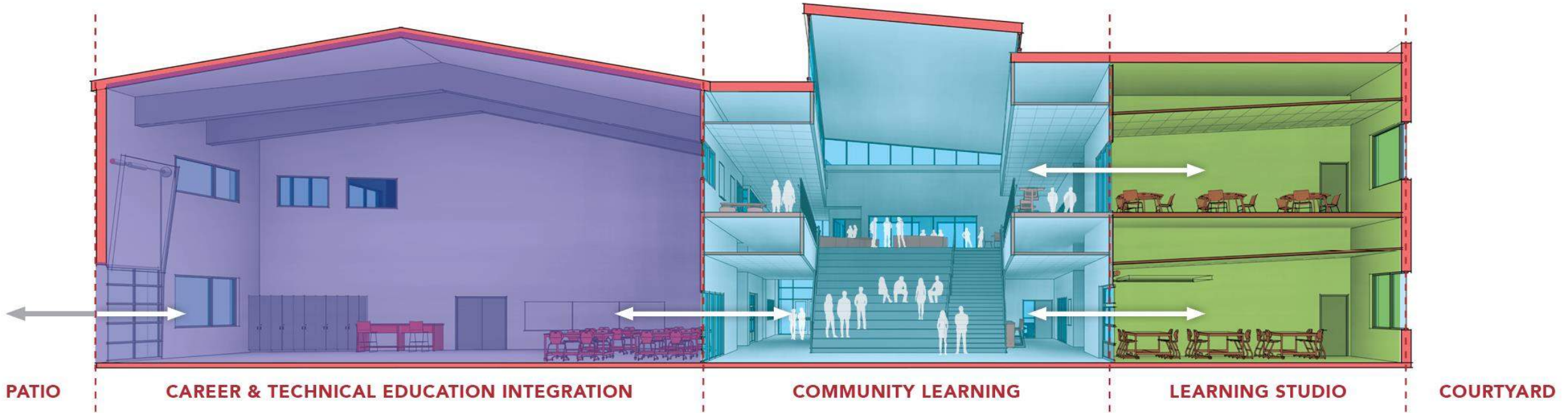
ACE

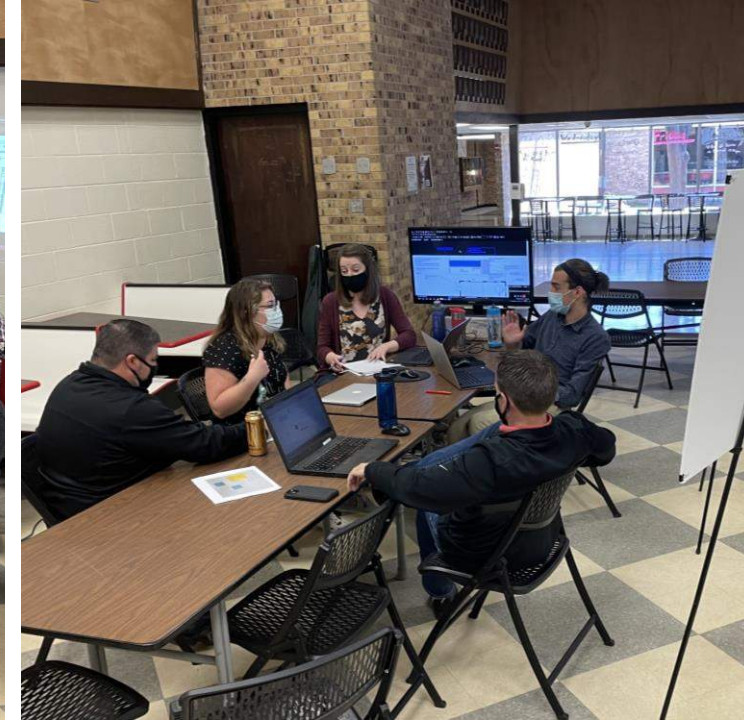
- Agriculture
- Business
- Media Arts
- Computer + Digital Tech
- FACS (includes Tour Guide)
- Health Science
- Engineering
- Com. Sys.
- Construction





PATHWAY DIAGRAM



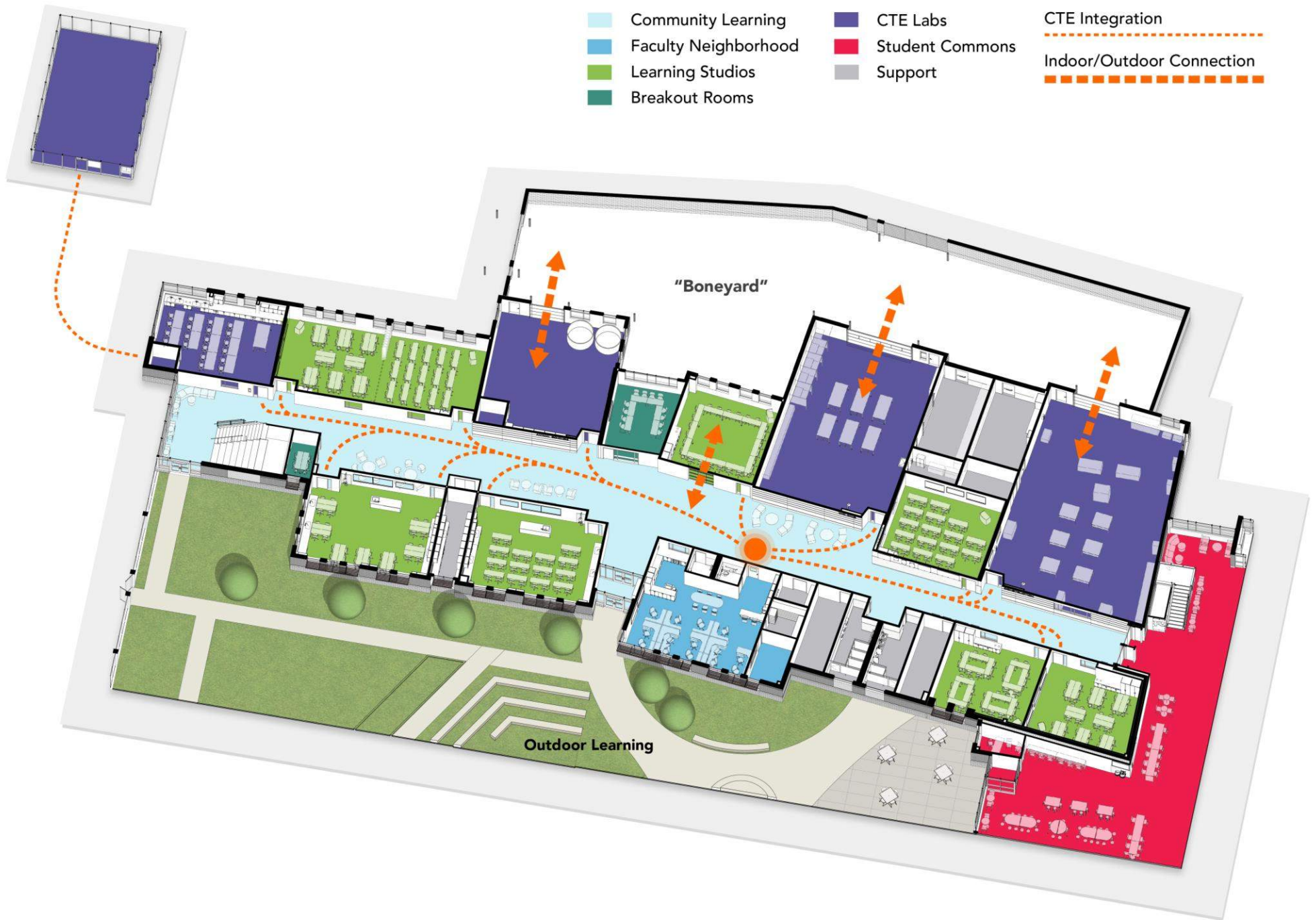


User Groups

19 focused topics

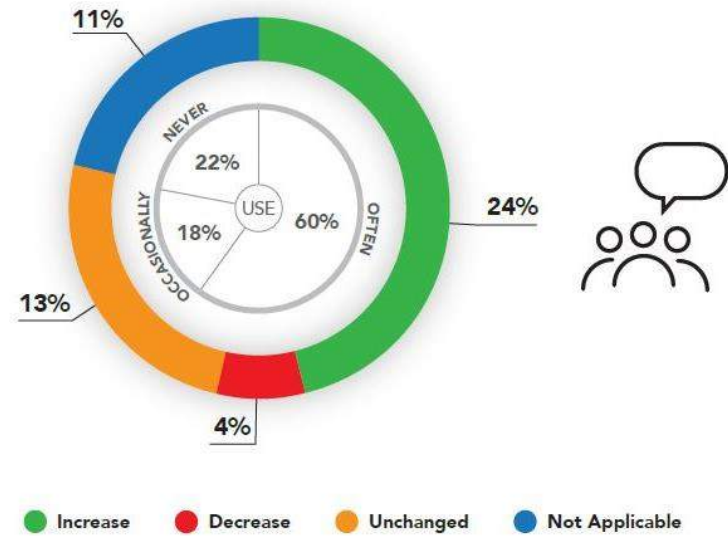
- athletics / physical ed
- * kitchen / culinary
- * skilled trades / construction
- * agriculture
- special education
- admin / counseling
- * engineering / tech
- music / theatre
- * physical arts
- * media arts
- commons / dining
- * concessions / café
- facility maintenance
- * health science
- * hospitality / merchandising
- sciences
- * welding, power structures & tech
- faculty neighborhoods
- student input

- Community Learning
- Faculty Neighborhood
- Learning Studios
- Breakout Rooms
- CTE Labs
- Student Commons
- Support
- CTE Integration
- Indoor/Outdoor Connection





Has the faculty neighborhood contributed to an increase or decrease in collaborative type teaching, and list key words to support your answer. ▲

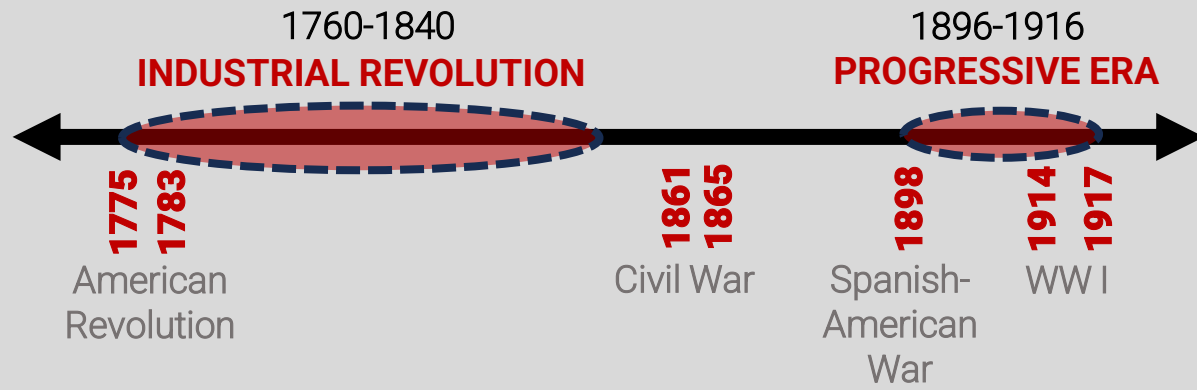


grade level
better
ability to have lunch
planning
teachers
lunch
faculty
rooms
faculty room
faculty lounge
collaborate
faculty space
colleagues
collaboration within our department

Teacher/Faculty Neighborhood



Pathways on Display & Visible

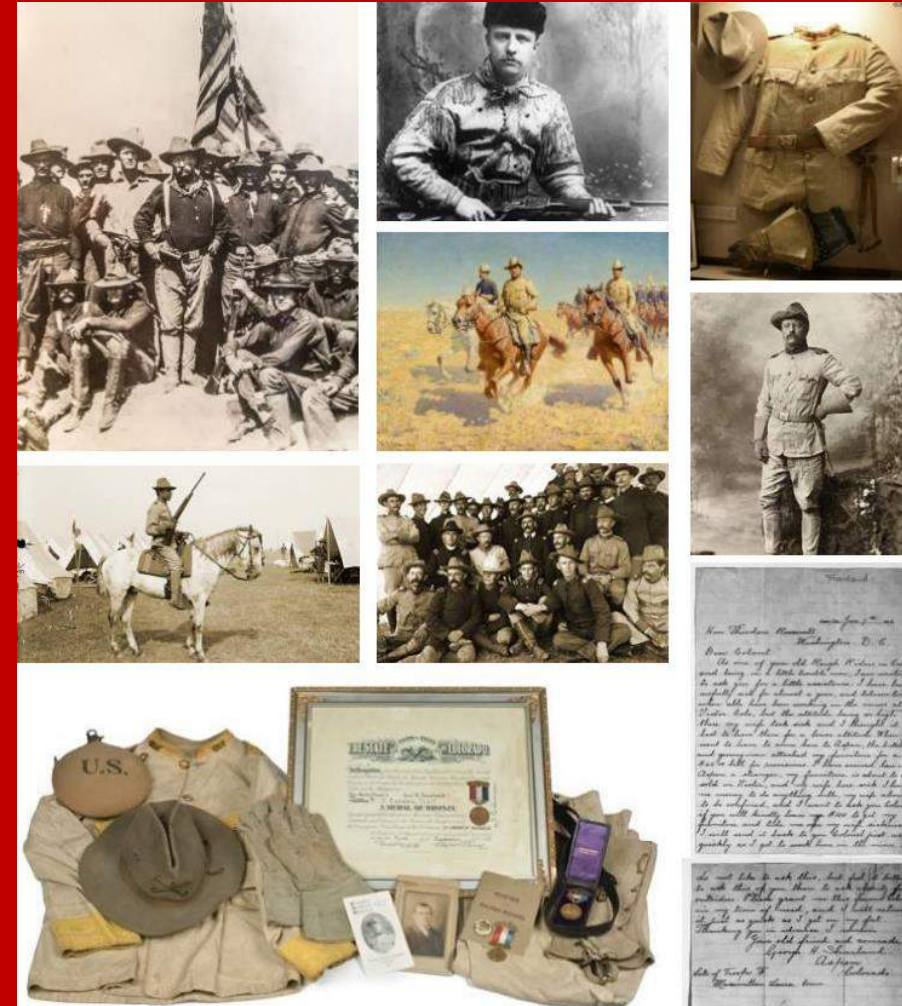


Vast majority of “blue-collar” workforce were created during the Industrial Revolution Europe and America transitioned to a new manufacturing process.
The symbol of which was the factory



Iconic architectural form of industrial revolution factories:
EXPOSED STEEL REPEATING STRUCTURAL BAYS HIGH VOLUMES
FLEXIBLE FLOOR PLANS HARVESTING DAYLIGHT

Teddy Roosevelt & the Rough Riders
HISTORY CONTEXT CULTURE IMAGRY



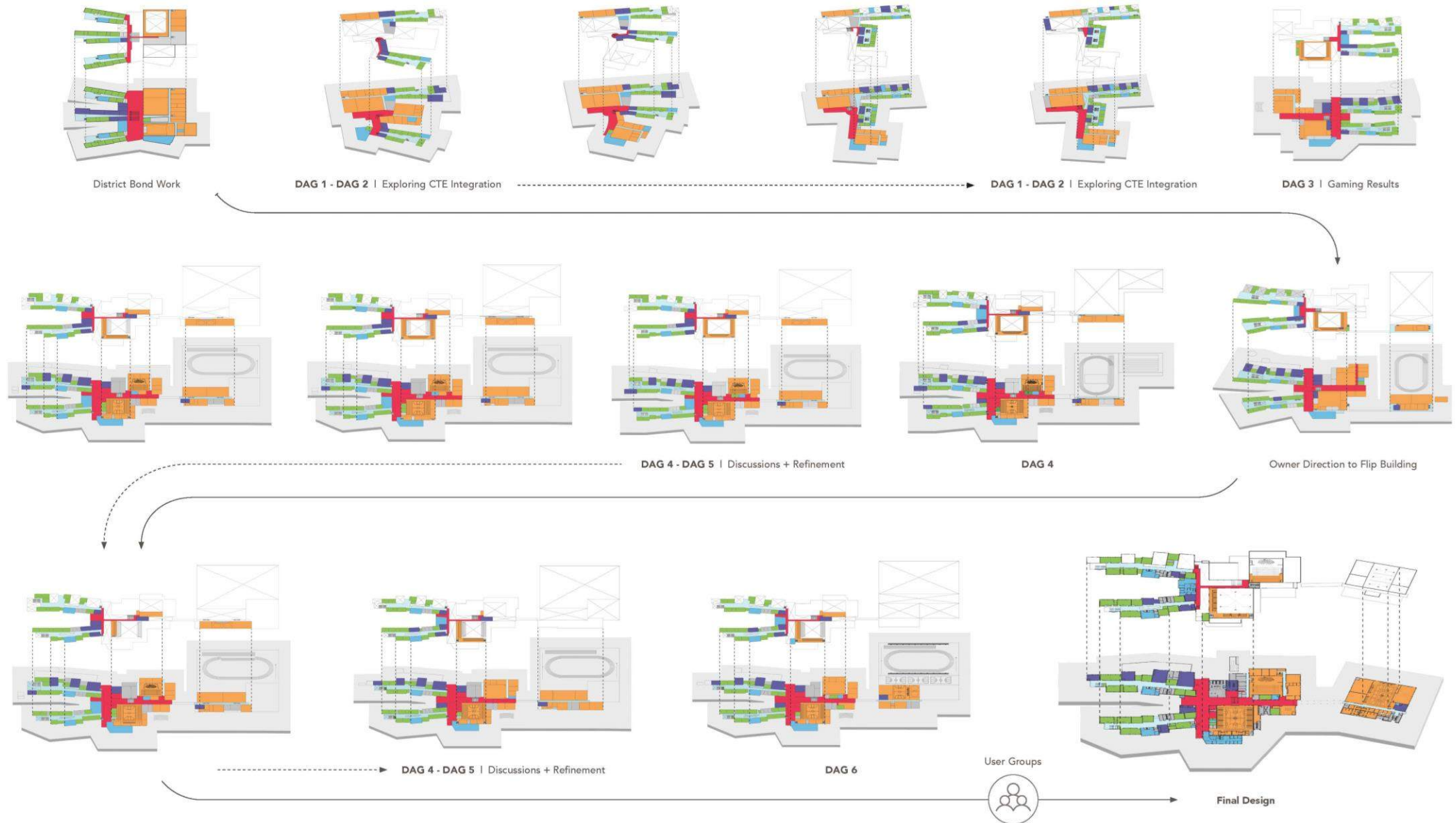
DESIGN CONCEPT:

Include elements of where we came from, along-side the modern. Grounded in Rough Rider mentality, defined by grit, pride & community

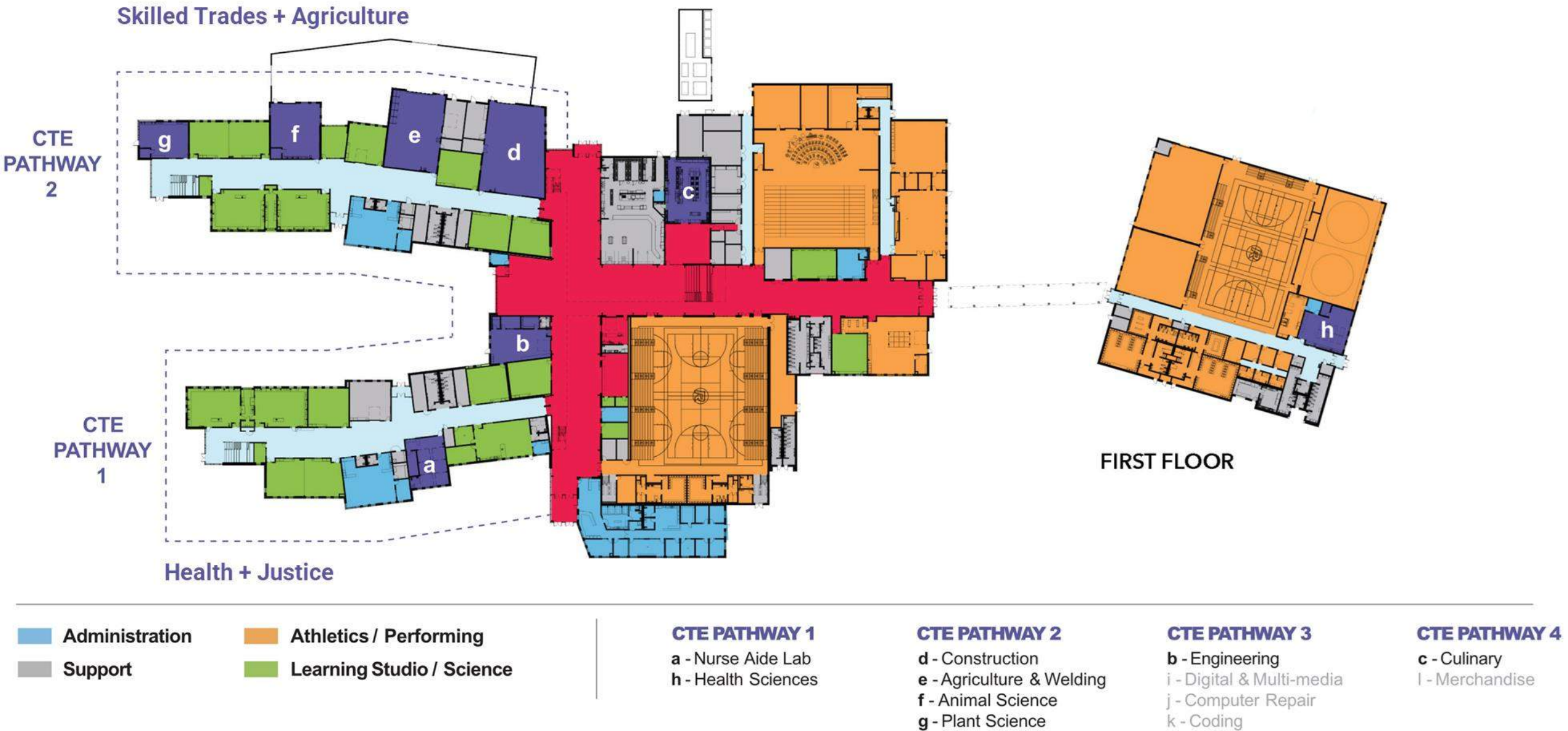


Backbone – Connection – Heart

EVALUATION THROUGH COLLABOATION



MAIN LEVEL



UPPER LEVEL

Hospitality + Business



CTE
PATHWAY
4

CTE
PATHWAY
3

SECOND FLOOR

Engineering + Technology

- Administration
- Support
- Athletics / Performing
- Learning Studio / Science

- CTE PATHWAY 1**
a - Nurse Aide Lab
h - Health Sciences

- CTE PATHWAY 2**
d - Construction
e - Agriculture & Welding
f - Animal Science
g - Plant Science

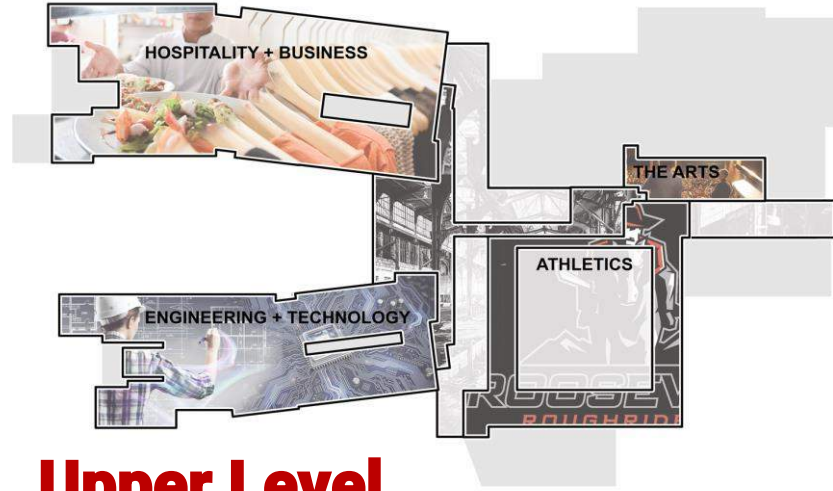
- CTE PATHWAY 3**
b - Engineering
i - Digital & Multi-media
j - Computer Repair
k - Coding

- CTE PATHWAY 4**
c - Culinary
l - Merchandise

BACKBONE - HEART - CONNECTION



Main Level



Upper Level

ATHLETICS

ROOSEVELT ROUGHRIDERS

HEALTH + JUSTICE

Color palette: light blue, tan, red, dark blue

SKILLED TRADES + AG

Color palette: yellow, grey, green, brown

ENGINEERING + TECH

Color palette: grey, dark grey, blue

HOSPITALITY + BUSINESS

Color palette: black, white, grey, green, orange, red

THE ARTS

Color palette: black, white, tan, brown

OVERALL COLOR PALETTE

common & athletics

tech & engineering

retail & hospitality

health & justice

skilled trades & ag

art & music

WT-e
Emser, Raku, White
accent tile in athletics and commons

WT-c
Emser, Raku, Charcoal
accent tile in athletics and commons

WT-d
Emser, Raku, Ruby
accent tile in athletics and commons

Hammered Gunmetal

Hammered Bronze

Hammered Stainless Steel

WT-g
American Olean, Refined Metals
Mix of 3 colors
accent tile in tech & engineering

WT-i
Florida Tile, Metal Art Matrix, Stainless
accent tile in retail & hospitality

WT-f
Florida Tile, NY2LA Polygon, Cool Mix
accent tile in health & justice

WT-h
Daltile, Emser Wood, Butter Pecan
accent tile in ag & skilled trades

G1-b
Sterling Silver - grout

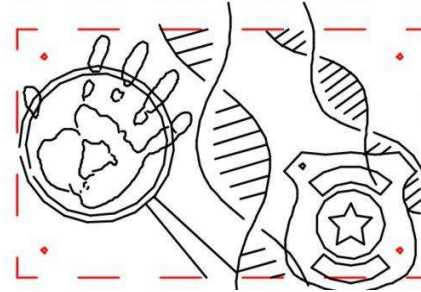
G1-c
Dusty Grey - grout

WT-k
Daltile, Fabric Art, White Ash Prism
accent tile in arts & music

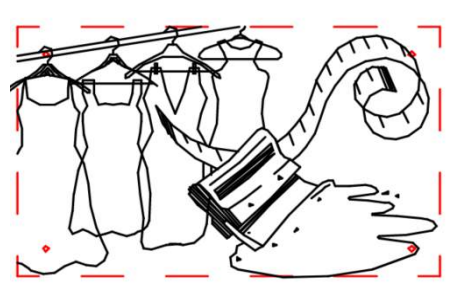
G1-a
Light Pewter - grout



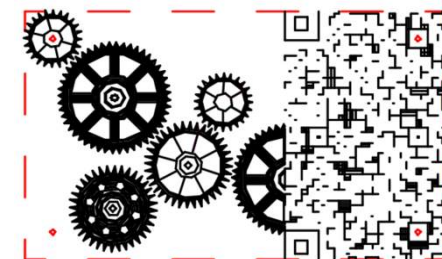
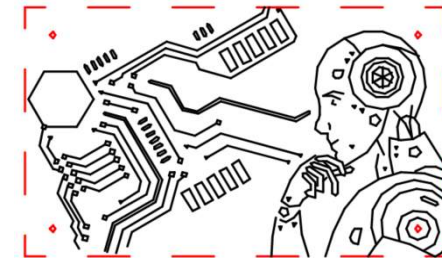
health & justice



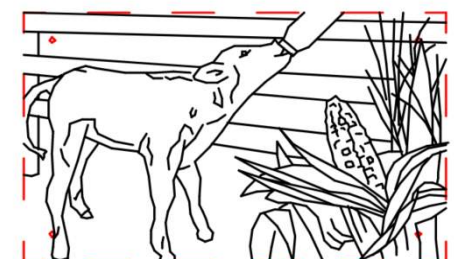
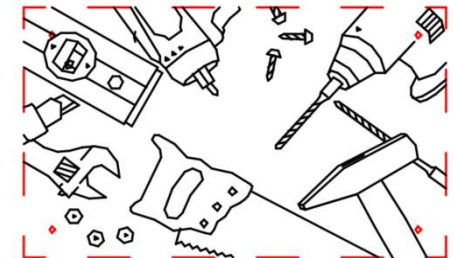
retail & hospitality



tech & engineering



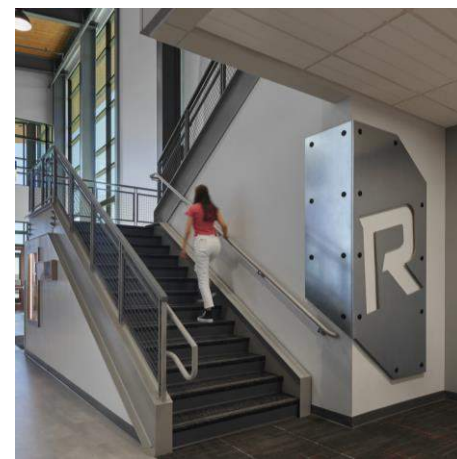
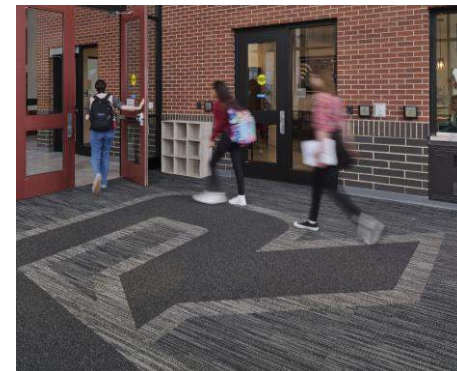
skilled trades & ag



INCLUSIVE & INNOVATIVE
collaboration & application of skills



ROUGH RIDER PRIDE
ride for the brand





STUDENTS & COMMUNITY HISTORY
reflected in every space



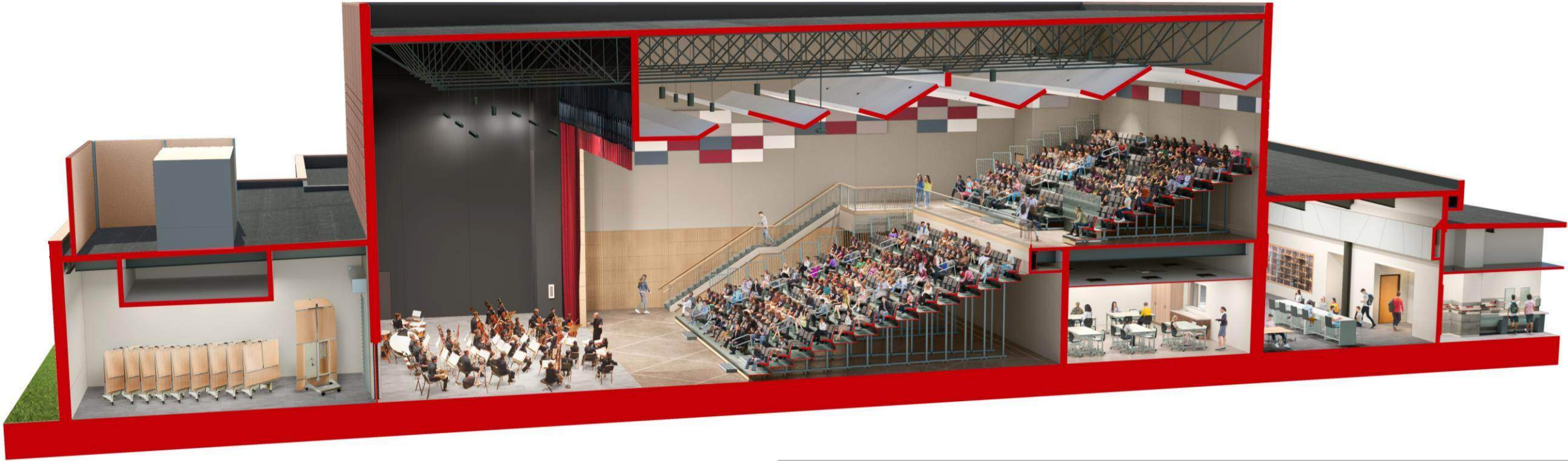


flexibility

FUTURE NEEDS CHANGE

CURRENT PATHWAYS

- ACE
- Agriculture Business
- Animal Science
- Plant Science
- Power / Structures, & Technology
- Business Administration
- Coding
- Engineering and Technology
- General Construction
- Digital Media and Communications
- Design and Multimedia
- Hospitality and Food Production
- Human Services and Training
- Health Science / Athletic Training
- Nurse Assistant
- Networking Systems & Security
- Aims Criminal Justice
- Behavioral Health (spring 2025)



performances

flexibility

SPACES THAT FLEX



gatherings

flexibility

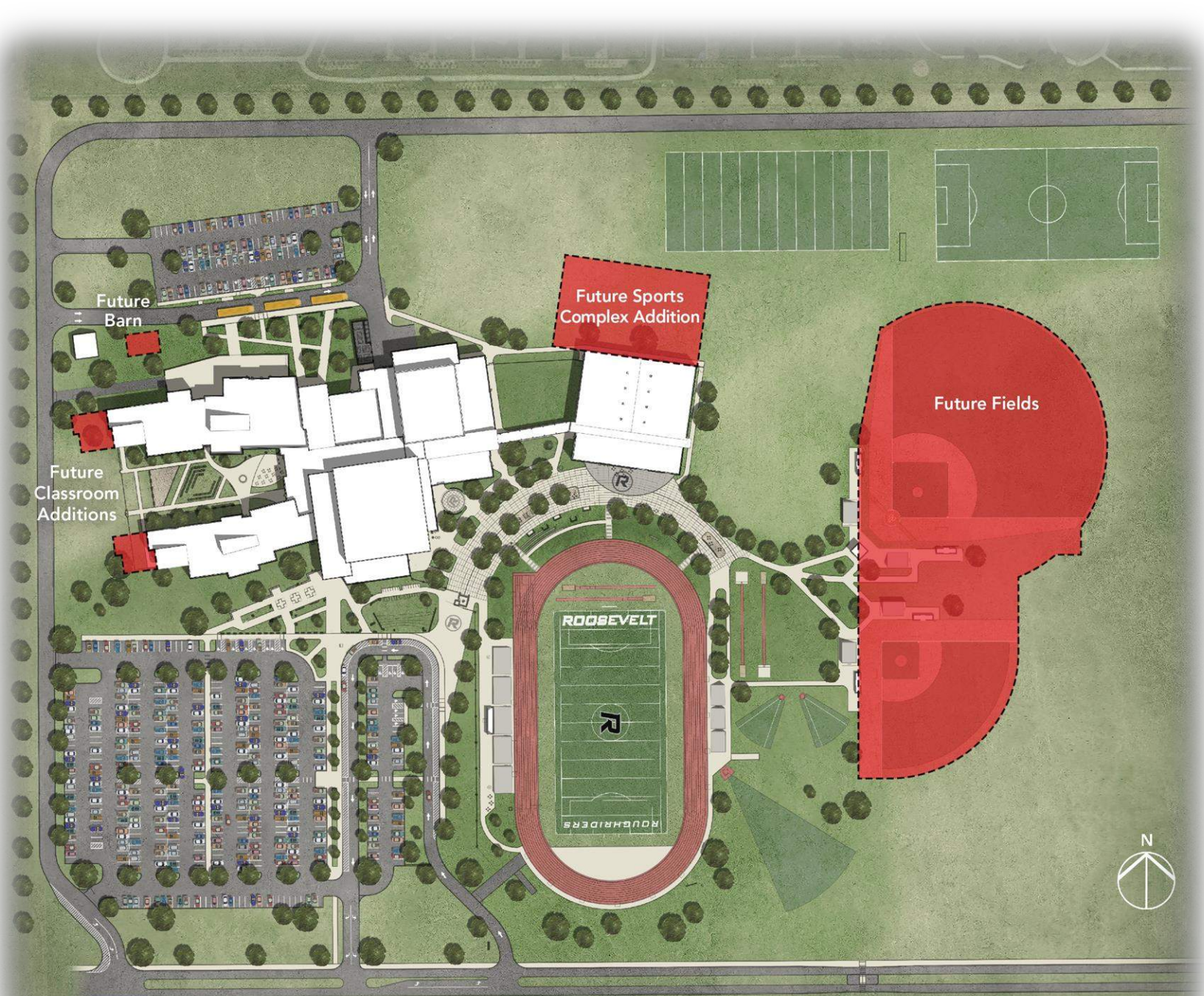
SPACES THAT FLEX

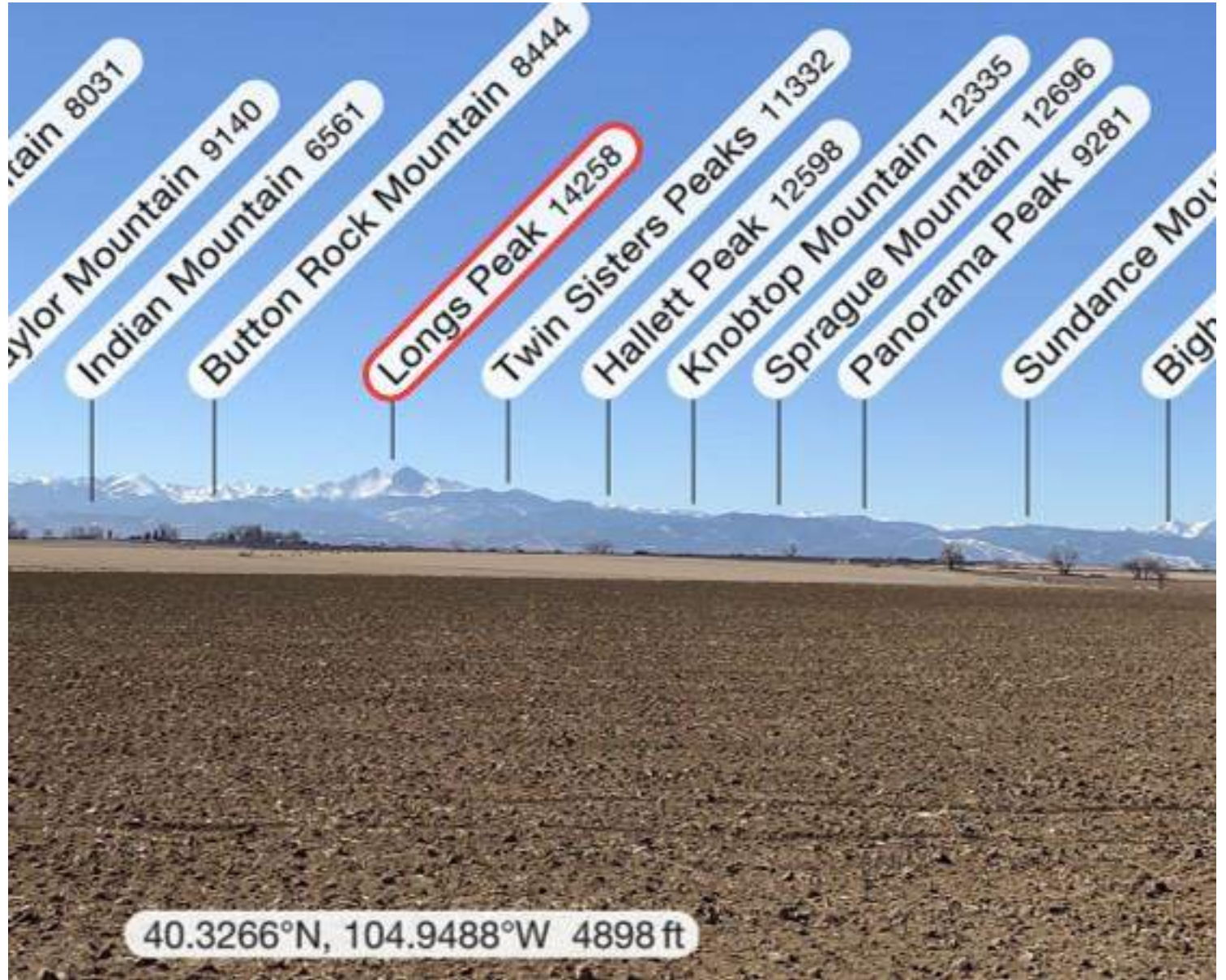


flexibility
**ACTIVATE THE
CIRCULATION SPACE**

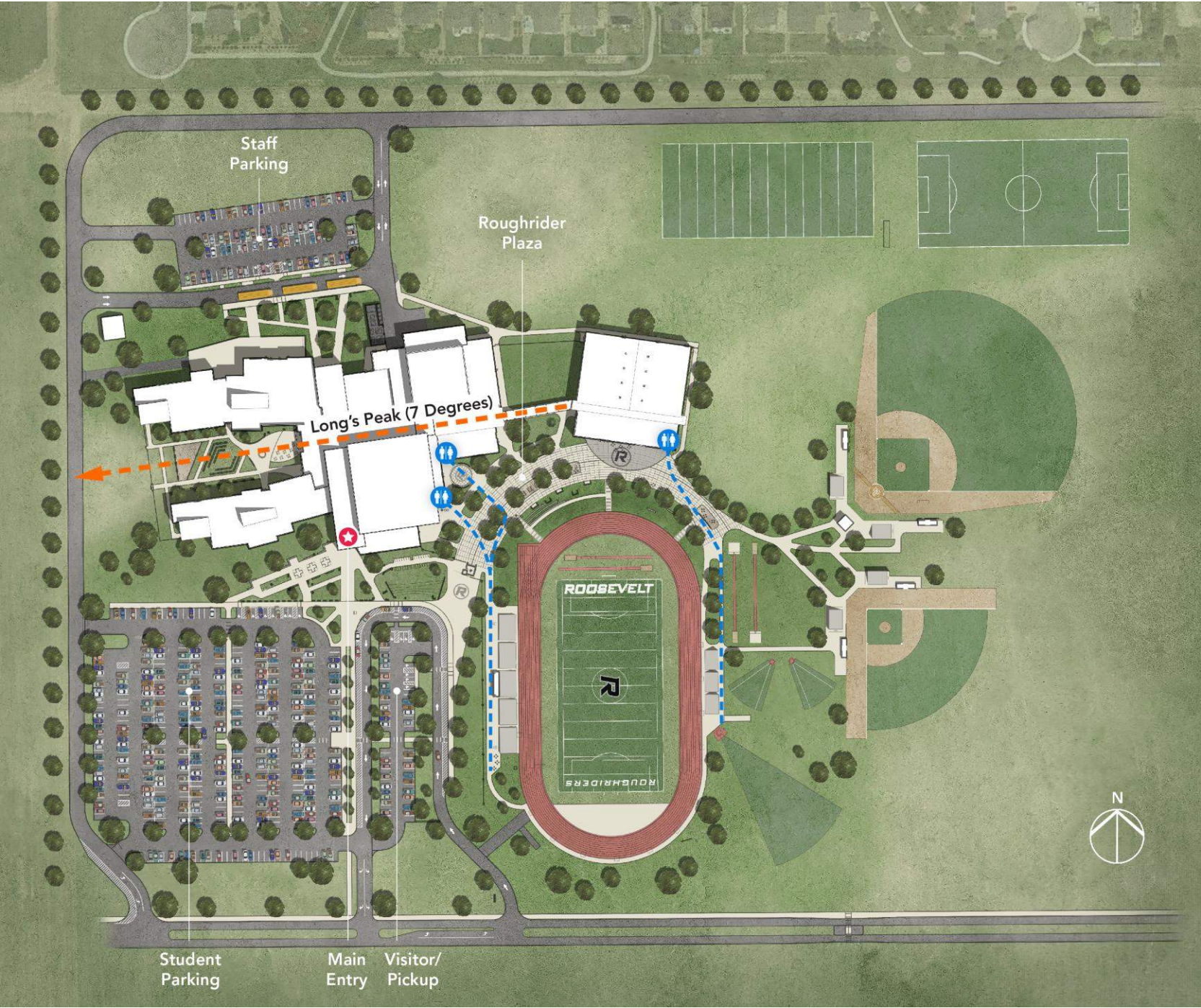


flexibility
**FUTURE
EXPANSION**





SITE SURVEY



Staff
Parking

Roughrider
Plaza

Long's Peak (7 Degrees)

ROOSEVELT

ROUGHRIDERS

Student
Parking

Main
Entry

Visitor/
Pickup





Longs Peak

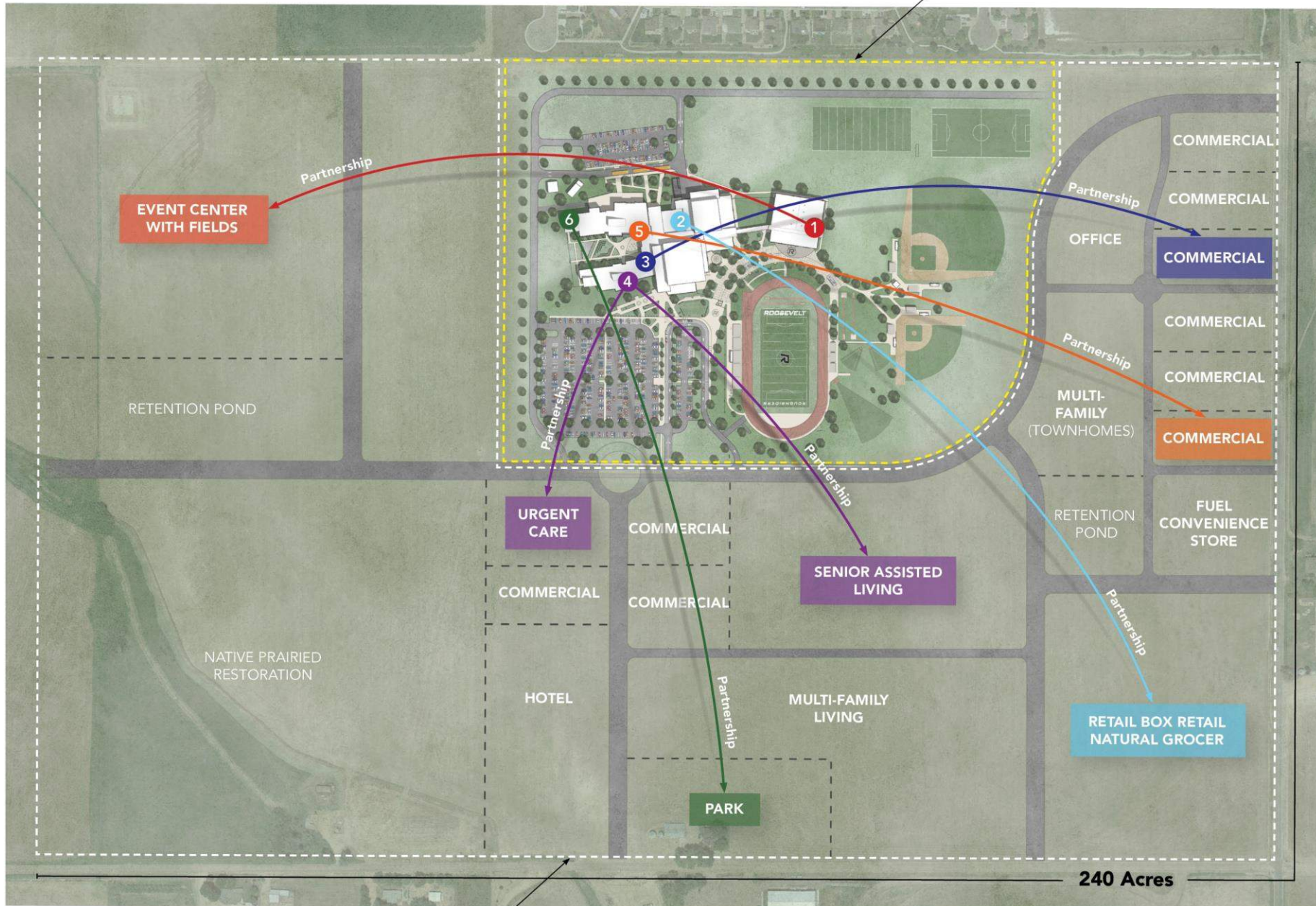
COURTYARD – student commons extension

1 HEALTH SCIENCES
2 CULINARY ARTS

3 CODING / MULTI-MEDIA
4 NURSE AIDE LAB

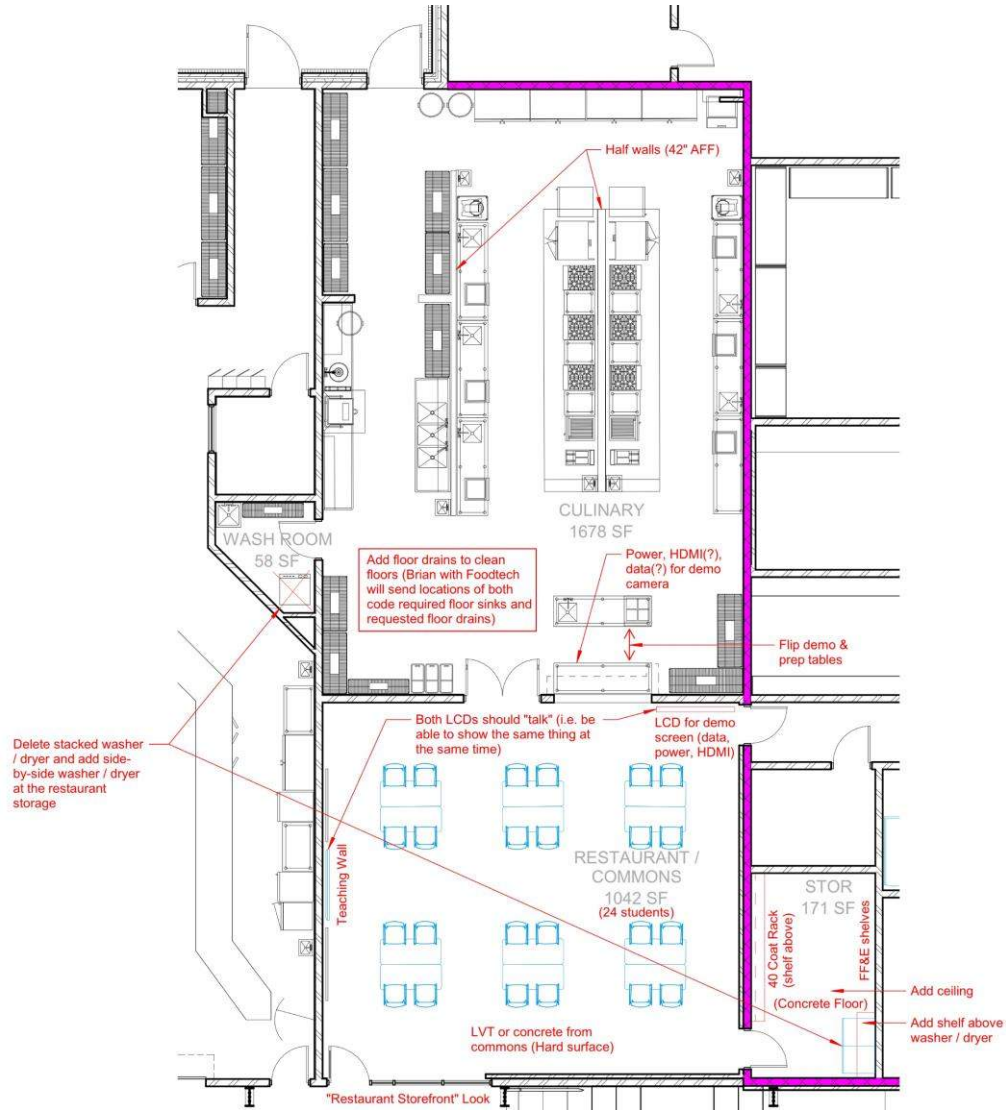
5 MERCHANDISE
6 PLANT SCIENCE

New School Site:
Anchor of new 240 acre development



Remaining development:
New adjacent buildings to support

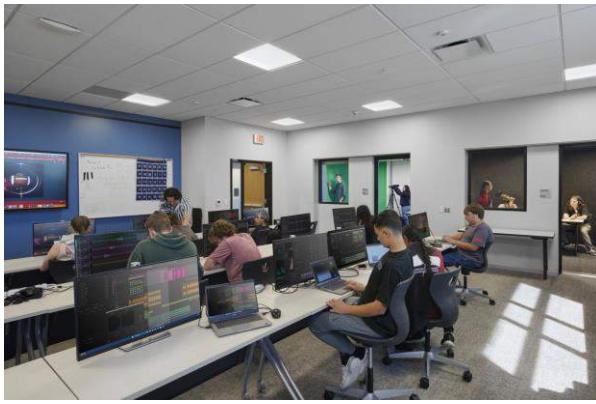
DURING DESIGN



AFTER DESIGN



CTE DIRECTOR - pivotal role



CTE DIRECTOR - change management



CTE DIRECTOR - post work / entrepreneurial spirit



CONTINUED COLLABORATION - 2024 college / career fair



UNEXPECTED OUTCOMES



ROOSEVELT HIGH SCHOOL
3319

LET'S WATCH A VIDEO!

6 min <https://vimeo.com/1020293930>

Q & A

