

# CYBER HIGH

**Update on CYBER HIGH:  
Presentation to  
the Charter School Review Committee**

June 5, 2019

# Strategic Planning 2016

Overwhelmingly, the top recommendations were:

- 💧 ***From Parents*** – Create a C3 High School & more Mentoring Opportunities
- 💧 ***From Students*** – Create a C3 High School & a Football Program

# WISCONSIN CHARTER SCHOOL EXPANSION GRANT FUNDING

- ◆ With the support of the Charter School Review Committee, the Cyberschool applied for and received a Wisconsin Charter School Program Expansion Grant for \$750,000, to be expended from July 1, 2018 - June 30, 2023.
- ◆ Grant funds are to be used to support start-up costs including staff training, development and planning; acquiring supplies, furniture, equipment, and instructional materials; carrying out community engagement activities, and; minor facility repairs.

# In Their Own Words: IBM P-TECH Graduates

💧 <https://www.youtube.com/watch?v=BZn05NZko48>

# CYBER HIGH Class of 2023

- ◆ Beginning in August 2019, Central City Cyberschool will expand to include a high school, CYBER HIGH, by enrolling the first freshman class of 50 students.
- ◆ CYBER HIGH is an innovative high school and early college model that enables students to earn both a high school diploma and a college associate degree during grades 9-14, at no cost to parents.

# WHY CYBER HIGH?

Whether students are interested in coding, website or app design, robotics, game design, AI (artificial intelligence), or computer programming – from medicine to music, from fashion to business, CYBER HIGH will teach them how to use their technology skills to bring their ideas to life.



# FOCUS ON COLLEGE DEGREES

This is not 4 years of high school followed by 2 years of college. Rather it is an integrated opportunity to experience exposure to industry and college early, to get a peek at those opportunities.

- 💧 CYBER HIGH aims to provide every student with a pathway to an industry-recognized associate degree.
- 💧 College coursework is thoughtfully integrated throughout grades 9-14 programming, and it is free to students and families.

# FOCUS ON CAREERS

The workplace is part of the educational opportunity from day one.

- ◆ Mentoring, workplace visits, job shadowing, and internships are integrated into each student's preparation for their identified career.
- ◆ Workplace skills are embedded in the curriculum.
- ◆ Engaged employer partners commit to ensuring that CYBER HIGH graduates are experienced enough in their chosen field to be considered "first in line" for jobs.
- ◆ The length of enrollment is tailored to the learning needs and educational goals of each student.

# CYBER HIGH will continue some of the programs started in K-8:

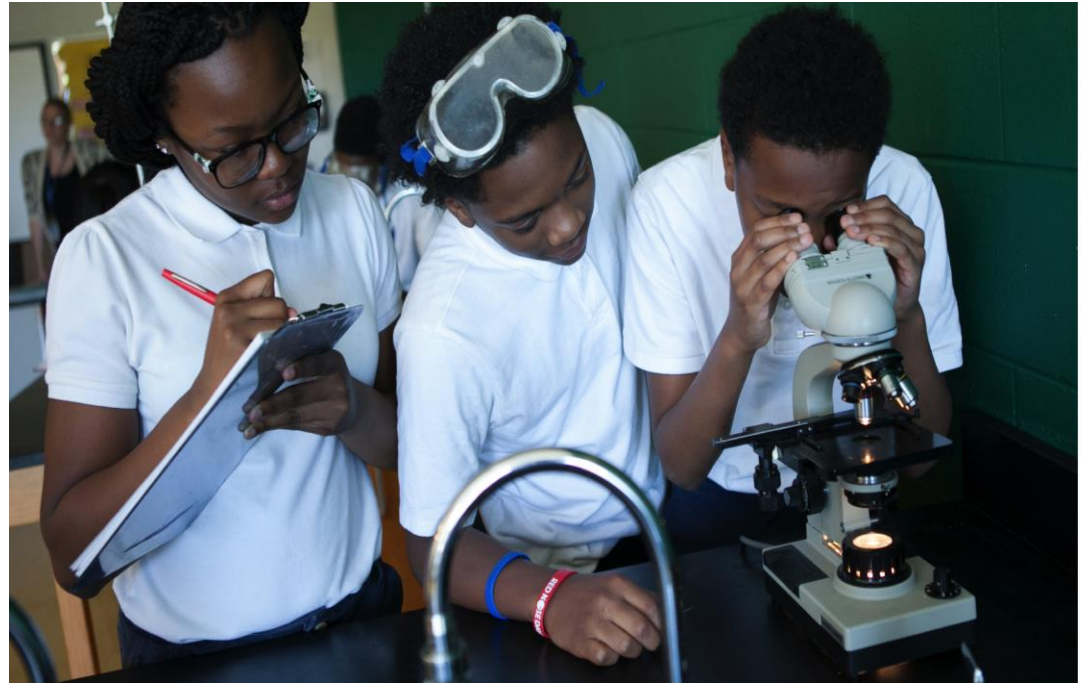
- ◆ Competitive sports teams including but not limited to basketball (possible additions may include volleyball, soccer, track, baseball)
- ◆ After-school programming with academic support as well as a wide range of recreation and enrichment activities



# CYBER HIGH will continue some of the programs started in K-8

(continued):

- 💧 Character Education to build grit, perseverance, resilience, & curiosity
- 💧 Class DOJO to effectively communicate with parents



# PROJECT-BASED - - Preparing students for careers in the high-demand tech industry, through real-world, authentic learning experiences, in a project-based learning environment.

CYBER HIGH students will:

- ◆ Master core academic content by working for an extended period of time to investigate and respond to authentic, engaging, real-world problems and challenges
- ◆ Learn by doing – where students are active participants
- ◆ Learn to think critically and solve complex problems
- ◆ Work collaboratively
- ◆ Communicate effectively
- ◆ Develop growth mindsets

# Examples of Project-Based Learning

- ◆ In Chemistry - solve a missing persons case by examining forensic evidence
- ◆ In Social Studies – examine how political speeches and propaganda were used to shift societal perceptions on major issues, such as civil rights and woman's rights
- ◆ In Physics – design a rover to land successfully on the surface of Mars
- ◆ In Chemistry - investigate what is in our drinking water, how it got there and what we can do about it

# CYBER HIGH GRADUATES

Whether designing and testing future products or analyzing defects in software and driving quality improvements for global customers, through Project-based Learning CYBER HIGH graduates will be helping our world work better.

Even students who do not end up in IT careers will have experiences that prepare them for work in a corporate environment.



# CYBER HIGH Graduates

will be prepared to begin careers in a range of exciting, competitive jobs in the IT industry

- Within 6 years CYBER HIGH students will graduate with a no-cost, industry-recognized Associate Degree

**AND**

- With the skills and knowledge they need to continue their studies at a 4-year college

**OR**

With their in-demand skills, they will step easily into a high-growth tech industry job

# Who Can Attend?

- 💧 CYBER HIGH is a Free, Public Charter School open to City of Milwaukee residents.
- 💧 Applicants must successfully complete 8<sup>th</sup> grade and submit a completed CYBER HIGH Enrollment Application Packet.
- 💧 Applications are available for download at: <https://cyberschool-milwaukee.org/enroll>

# ENROLLMENT

- 💧 Currently 39 enrolled  
(50 expected by August 2019)
- 💧 36 of the 39 enrolled are  
current Cyberschool 8<sup>th</sup>  
graders

# CYBER HIGH STAFFING

- 💧 Director, Terrance Slaughter
- 💧 Assistant Director, Jamilah Underwood
- 💧 3 Teachers – currently completing interviews (one each in Humanities, Mathematics, and Sciences, all with significant technology knowledge and experience)
- 💧 Consultant- Expansion Grant Coordinator – Dr. Christine Faltz

# We are still planning . . .

Today we do not have all of the answers to all of your questions.

However, you know us!

We intend to unlock the inherent genius in every CYBER HIGH student, and connect them to each other, to their future aspirations, and to the world.

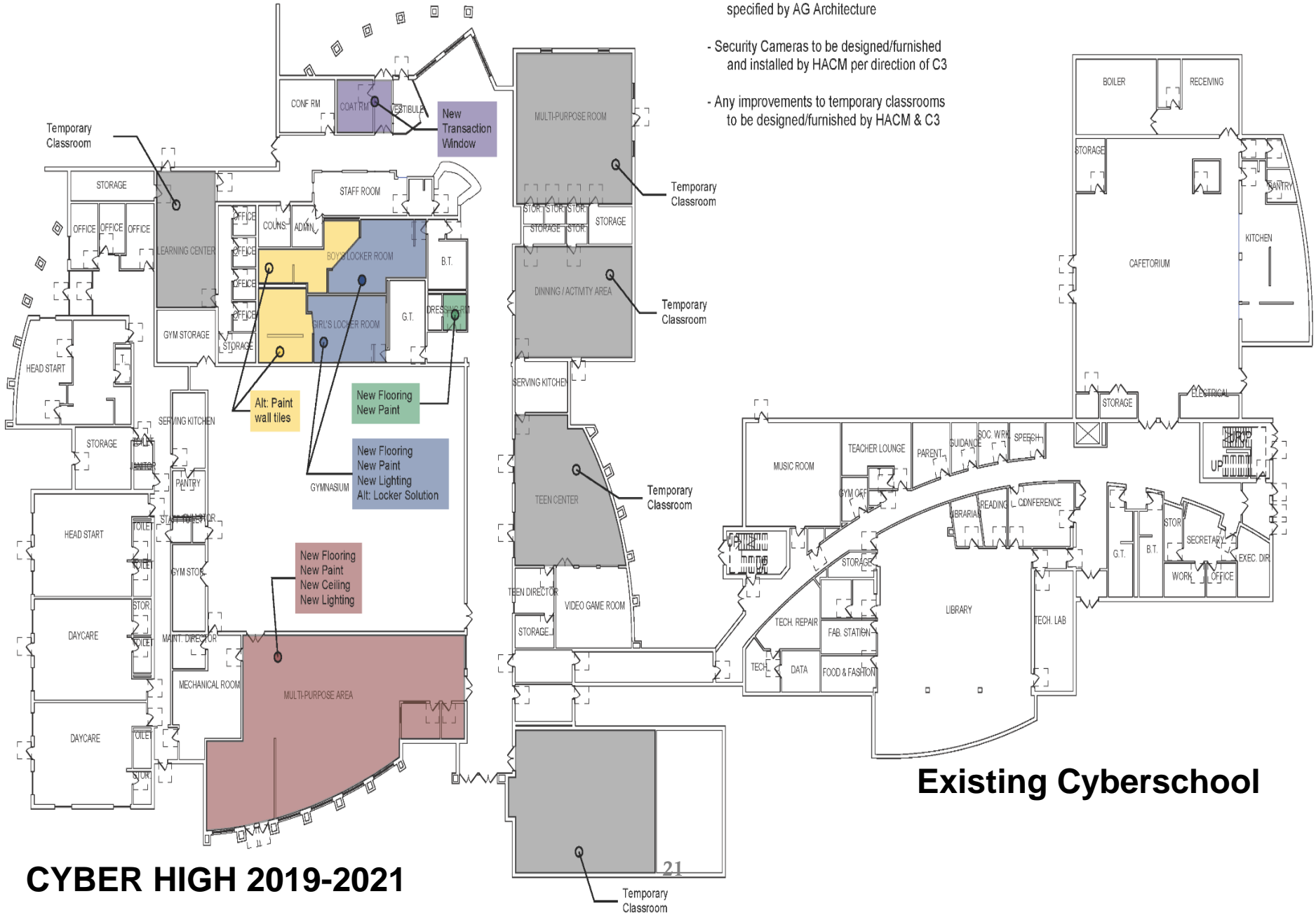


**ACTUAL 2019**



# PHASE 1-from 2019-2021

- Hardware to be replaced per the direction of C3 and HACM. Hardware specified by AG Architecture
- Security Cameras to be designed/furnished and installed by HACM per direction of C3
- Any improvements to temporary classrooms to be designed/furnished by HACM & C3



**Existing Cyberschool**

**CYBER HIGH 2019-2021**

21

Temporary Classroom

# Phase 2 - IDEAL FINAL PLAN

## ADDITION

- 2 STORIES
- 14 CLASSROOMS
- CAFETERIA

## YMCA

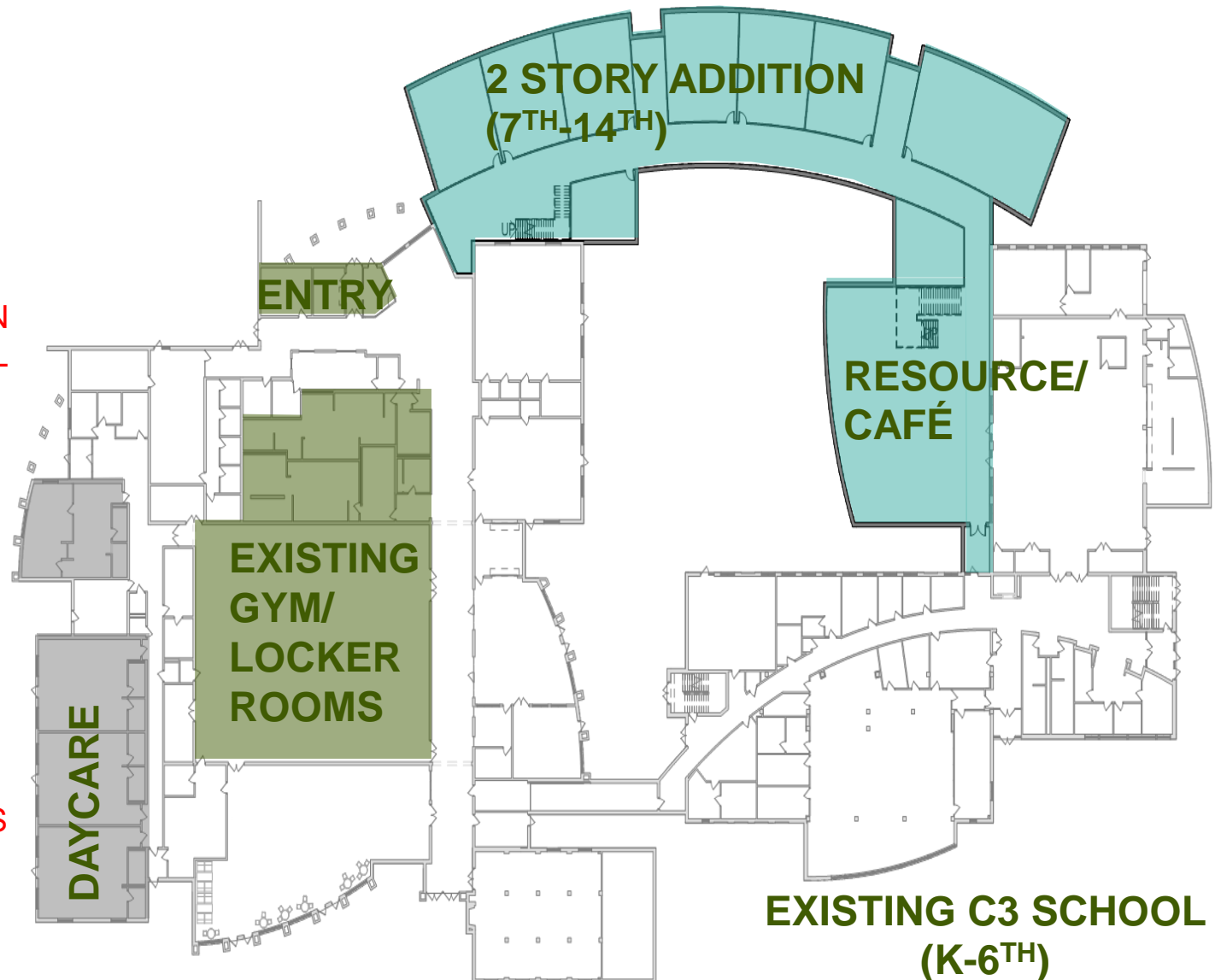
- REVERTS TO COMMUNITY CENTER UNDER THE DIRECTION OF THE CYBERSCHOOL

## MIDDLE SCHOOL

- MOVES INTO THE ADDITION

## KINDERGARTEN

- KINDERGARTEN MOVES INTO CYBERSCHOOL OR YMCA
- DEMOLISH CONGRESS STREET BUILDING FOR GREEN SPACE



# AFFORDABLE FINAL PLAN OPTION

## ADDITION

- 1 STORY
- 6 CLASSROOMS
- LAB SPACE

## YMCA

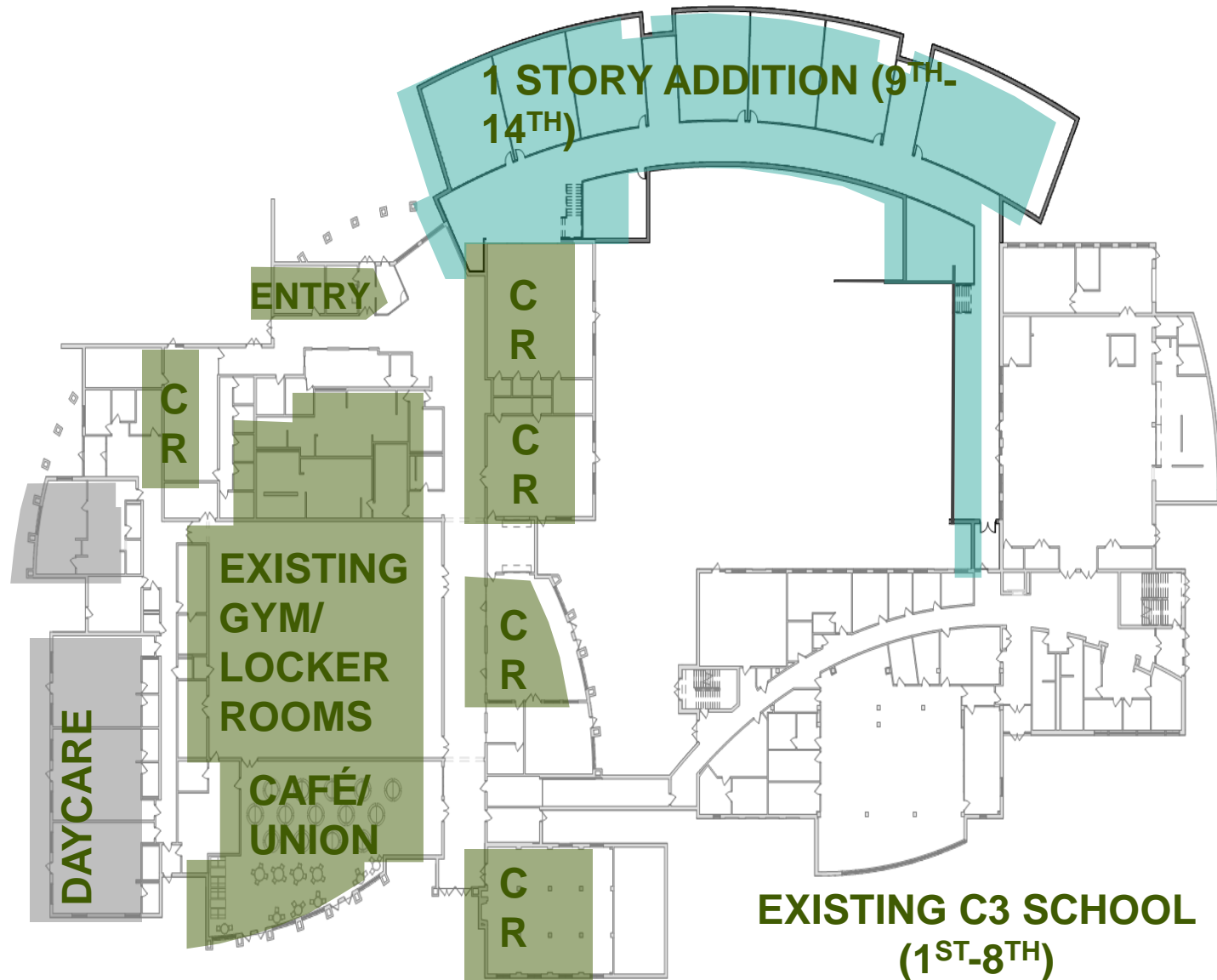
- USE AS PART OF CYBER HIGH

## MIDDLE SCHOOL

- REMAINS IN CYBERSCHOOL MAIN BUILDING

## KINDERGARTEN

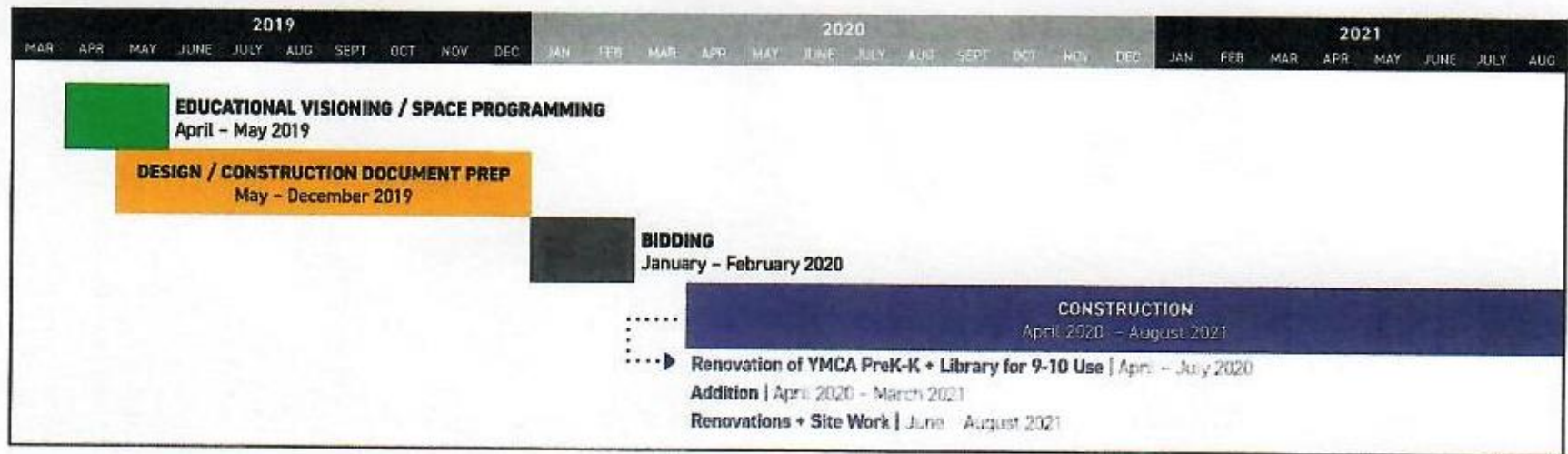
- KINDERGARTEN REMAINS IN CONGRESS BUILDING



# PHASE 2 FINANCING

- ◆ The Cyberschool is partnering with the Housing Authority of the City of Milwaukee, with Fernando Aniban, CFO, specifically and working with attorneys at Michael, Best and Frederick, to put together a New Market Tax Credit proposal.
- ◆ Additionally, our Governing Board is exploring fundraising and financing options.
- ◆ January 1, 2020 - Deadline for finalizing the facility financing plan. Ultimate financing outcome will dictate the final design for Phase 2.

## PRELIMINARY TIMELINE



# PHASE 3

- ◆ Demolish Congress Street Building
- ◆ Increase green space, including the addition of a walking track surrounding a soccer field
- ◆ Additional parking spaces













