



NH Department of Education

**Bureau of
Career Development**

New Hampshire CTE Renovation

Presented to the NH Capital Budget Committee

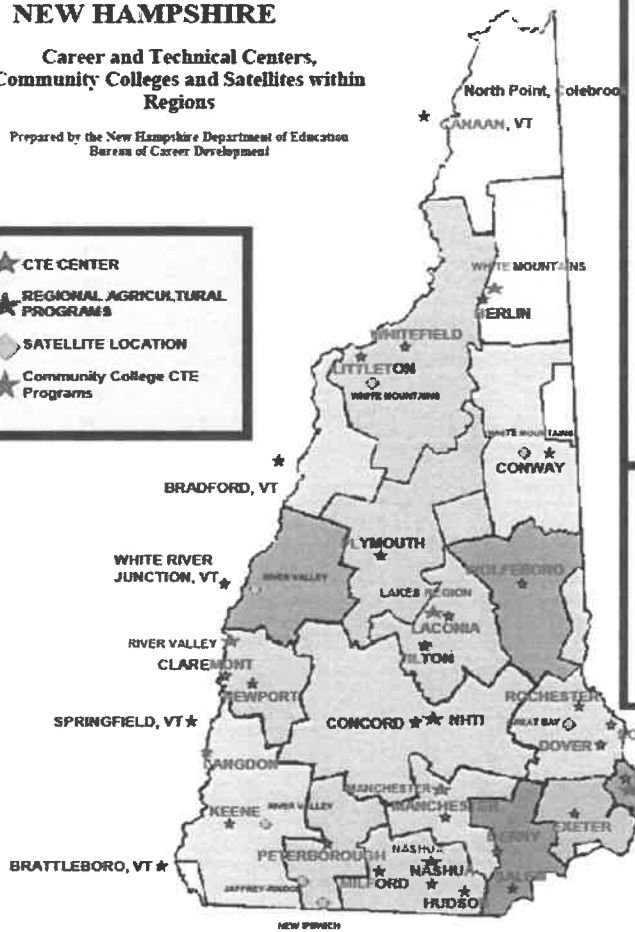
March 6, 2023

2023 New Hampshire Department of Education

**STATE OF
NEW HAMPSHIRE**
Career and Technical Centers,
Community Colleges and Satellites within
Regions

Prepared by the New Hampshire Department of Education
Bureau of Career Development

★ CTE CENTER
★ REGIONAL AGRICULTURAL PROGRAMS
◆ SATELLITE LOCATION
★ Community College CTE Programs



CTE Regional Center #	
01	CANAAN
01	COLEBROOK
02	BERLIN
03	LITTLETON
03	WHITEFIELD
04	BRADFORD, VT
05	PLYMOUTH
06	CONWAY
07	WHITE RIVER JCT. VT
08	LACONIA
08	TILTON
09	WOLFEBORO
10	CLAREMONT
10	NEWPORT
11	CONCORD
12	DOVER
12	ROCHESTER
12	SOMERSWORTH
13	KEENE
13	LANGDON
13	SPRINGFIELD, VT
14	PETERBOROUGH
14	JAFFREY-RINDGE
14	NEW IPSWICH
15	MANCHESTER
16	HUDSON
16	NASHUA
16	MILFORD
17	DERRY
17	SALEM
18	EXETER
19	PORTSMOUTH
19	GREAT BAY

Community College Regional Center #	
19	GREAT BAY
12	GREAT BAY
08	LAKES REGION
15	MANCHESTER
16	NASHUA
11	NHTI
10	RIVER VALLEY
07	RIVER VALLEY
13	RIVER VALLEY
02	WHITE MOUNTAINS
03	WHITE MOUNTAINS
06	WHITE MOUNTAINS

CTE Core Requirements

- ▶ Opportunity to earn college credit or apprenticeship hours while in high school
- ▶ Opportunity to take part in work based learning (including either paid or unpaid internships)
- ▶ Opportunity to earn an industry recognized credential (IRC) while in the program, or upon completing. IRCs are licenses, badges, or certificates employers value when looking at resumes
- ▶ Coursework is competency based- what can a student do, rather than only what they know
- ▶ Program advisory committees (PACs) made up of employers inform teachers about new developments in industry

Key Understandings

- ▶ CTE is available to ALL students in New Hampshire who have attended one full year of high school. This includes public, non-public, and homeschooled students.
- ▶ The NH Department of Education reimburses districts for costs associated with transporting students to CTE at regional high school CTE centers
- ▶ About 10,000 young people enroll in high school CTE courses each school year

CTE: An Economic Driver For NH

- ▶ NH Department of Employment Security Data Dashboard shows economic growth from 675,000 non-Farm jobs in 2021 to 689,000 in 2022.
- ▶ These numbers are based on worker's compensation insurance data, meaning the actual numbers of jobs in NH are much higher.
- ▶ CTE programs graduate between 10 and 20 students each school year.
- ▶ Time to enter the workforce varies from immediately, 2 years, and 4 years for most occupations.
- ▶ Regional CTE programs in NH high schools align with regional labor market needs.

NH Employers Agree

- ▶ "An investment into NH's CTE Centers is a physical affirmation that the NH Legislature values the building trades in New Hampshire. Careers in the building trades will provide lifelong and gainful (and often instant) employment often without the burden of unnecessary college debt. This career sector continues to grow with an estimated 10,000 housing unit shortfall to meet current housing demand. This is one of the few government expenditures that will almost guarantee a great ROI." NH Homebuilders Association

NH Employers Agree

“New Hampshire’s hospitality industry’s future is very dependent upon the youth of today and their readiness to take on the rapidly changing industry, we need the CTE’s now more than ever to help us to sustain and grow our industry in New Hampshire.” Kip Johnson, Five Guys NH

Table 1303-1 Opening Dates for Regional Career and Technical Education Centers

Regional Career and Technical Education Center	Opening Date
Nashua Technology Center – Nashua	Fall 1974
The Cheshire Career Center – Keene	Fall 1976
Portsmouth Career Technology Center #19 - Portsmouth	Fall 1977
Berlin Regional Career and Technology Center – Berlin	Fall 1977
Concord Regional Technology Center - Concord	Fall 1980
Mt. Washington Valley Career Technology Center - North Conway	Fall 1980
Seacoast School of Technology – Exeter	Fall 1980
Manchester School of Technology -- Manchester	Fall 1982
J. Oliva Huot Technical Center – Laconia	Fall 1983
Hugh Gallen Regional Vocational Center – Littleton	Fall 1983
Plymouth Applied Technology Center - Plymouth	Fall 1983
Region 9 Vocational Technical Center - Wolfeboro	Fall 1983
Pinkerton Academy - Derry	Fall 1984
White Mountain Regional High School - Whitefield	Fall 1985
Salem High School Vocational Center – Salem	Fall 1989
Dover Career Technical Center – Dover	Fall 1990
Creteau Regional Technology Center - Rochester	Fall 1991
Somersworth Career Technology Center - Somersworth	Fall 1991
Wilbur H. Palmer Vocational Technical Center - Hudson	Fall 1992
Sugar River Valley Regional Technology Center - Claremont	Fall 1993
Sugar River Valley Regional Technology Center - Newport	Fall 1993
Winnisquam Regional High School – Tilton	Fall 1993
Region 14 Applied Technology Center - Peterborough	Spring 1996
Milford High School and Applied Technology Center - Milford	Fall 1997



NH Department of Education
**Bureau of
 Career Development**

Renovation Schedule Career & Technical Education Centers					
CTE Center Name	Location	Opening Date	Biennium Funded	Capital Budget Funding	Renovation Completion Year
Nashua Technology Center	Nashua	Fall 1974	FY 02-03 FY 04-05	4,500,000 4,500,000	2005 2003
The Cheshire Career Center	Keene	Fall 1976	FY 02-03	4,500,000	2005
Portsmouth Career Tech Center #19	Portsmouth	Fall 1977	FY 04-05	4,500,000	2005
Berlin Regional Career & Tech Center	Berlin	Fall 1977	FY 04-05	1,652,694	2008
Concord Regional Technology Center	Concord	Fall 1980	FY 06-07	4,302,061	2009
Mt. Washington Valley Career Tech Center	Conway	Fall 1980	FY 06-07	5,951,550	2007
Seacoast School of Technology	Exeter	Fall 1980	FY 08-09	6,375,000	2009
Manchester School of Technology	Manchester	Fall 1982	FY 08-09	7,425,000	2011
Hugh J Gallen Career & Technical Center	Littleton	Fall 1983	FY 10-11	6,722,310	2013
Lakes Region Technology Center	Wolfeboro	Fall 1983	FY 10-11	7,786,522	2011
J Oliva Huot Technical Center	Laconia	Fall 1983	FY 12-13	7,125,000	2013
Pinkerton Academy Center for CTE	Derry	Fall 1984	FY 12-13	7,875,000	2015
Salem HS Career & Technical Ed Center	Salem	Fall 1989	FY 14-15	13,800,000	Fall 2018
Dover Career Technical Center	Dover	Fall 1990	FY 14-15 FY 16-17	10,475,000 3,025,000	Fall 2018
Somersworth Career Technical Center	Somersworth	Fall 1991	FY 16-17	4,875,000	2017
Plymouth Applied Technology Center	Plymouth	Fall 1983	FY 18-19	5,309,162	Fall 2018
RW Creteau Regional Technology Center	Rochester	Fall 1991	FY 18-19 FY 20-21	8,000,000 4,000,000	Dec 2019
Wilbur H Palmer Career & Tech Ed Center	Hudson	Fall 1992	FY 20-21	14,450,000 2,550,000	Summer 2021
Sugar River Valley RTC - Newport	Newport	Fall 1993	FY 24-25	12,500,000	
Winnisquam (Agricultural) Regional HS	Tilton	Fall 1993	FY 24-25	7,649,663	
Region 14 Applied Technology Center	Peterborough	Spring 1996	FY 26-27	12,375,000	Estimated
Milford HS & Applied Technology Center	Milford	Fall 1997	FY 26-27	12,375,000	Estimated
White Mountain Regional High School	Whitefield	Fall 1985	TBD	TBD	
Sugar River Valley RTC - Claremont	Claremont	Fall 1993	TBD	TBD	

Proposed Projects

- ▶ Newport - Sugar River Valley Regional Technical Center
- ▶ Winnisquam Agriculture Center

Sugar River Valley Regional Technical Center Newport

- ▶ **Total Project Budget: \$17,162,363**
- ▶ **State Portion: \$12.5M**
- ▶ **Existing Square Footage: 27,371**
- ▶ **Total Square Footage: 33,981**

Sugar River Valley Regional Technical Center Newport

CTE Programs

- ▶ Agriculture, Natural Resources and Forestry
- ▶ Animal and Plant Sciences
- ▶ Automotive Technologies
- ▶ Business
- ▶ Cosmetology
- ▶ Engineering
- ▶ Health Sciences EMT & LNA
- ▶ Welding Technologies

Winnisquam Agriculture Center

- ▶ Total Project Budget: \$10,953,300
- ▶ State Portion: \$7,649,663
- ▶ Existing Square Footage: 9,039
- ▶ Total Square Footage: 18,769

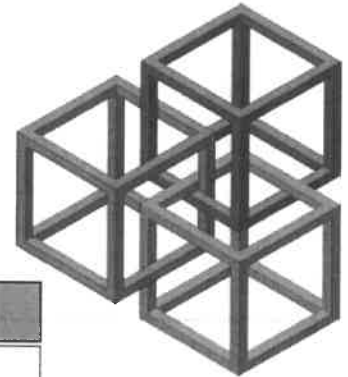
Winnisquam Agriculture Center

CTE Programs

- ▶ Natural Resources
- ▶ Animal and Plant Sciences
- ▶ Precision Manufacturing
- ▶ Cosmetology



NH Department of Education
**Bureau of
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CTE Center Renovation Funding

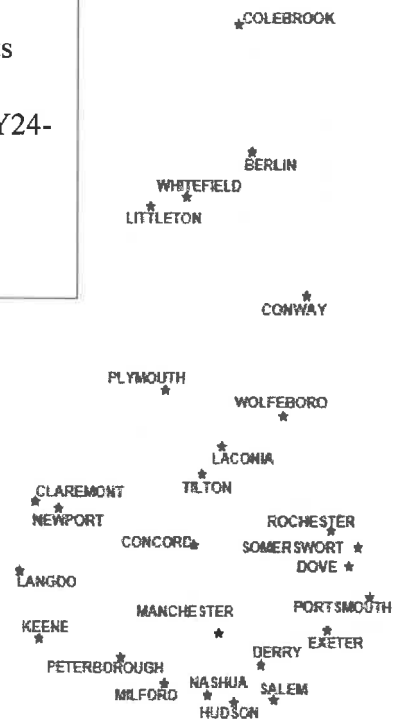
OVERVIEW

The New Hampshire Department of Education, Bureau of Career Development manages the CTE Center Construction and Renovation Program funded by the NH State Capital Biennial Budget. This program provides up to 75% of construction costs to school districts that have a State approved CTE Centers and meet the eligibility and guidelines listed in Chapter 188-E of Education Title XV and CHAPTER Ed 1300 of Administrative Rules.

- Since FY2002 we have provided **\$140M** to 18 school districts for the renovation at 19 CTE Centers.
- The State typically funds two CTE Center renovation projects biennially.
- Currently, Newport and Tilton have requested funding for FY24-25 totaling a little more than **\$20M**.

BENEFITS

CTE Centers provide cutting-edge, rigorous, hands-on training that prepares our learners for a wide range of high-wage, high-skill, high-demand careers. CTE prepares students for the workforce that is essential to New Hampshire's economy.



LAVALLEE | BRENSINGER ARCHITECTS



Renovation/Expansion 2023

Newport NH

About Our Renovation / Expansion Project Newport NH

Proposed Project Summary:

- Renovate & Modernize Existing CTE 65,000 Square Foot Center
- Expand existing CTE programs within the existing center to meet current industry needs including Automotive Technology, Business & Marketing, Cosmetology, Engineering, Health Science Technology, Welding Technology.
- Allow for a new program in Education and Behavioral Science
- Build a new 10,000 square foot Agricultural Center to House Animal & Plant Sciences and Forestry & Natural Resources – thereby freeing up space in the existing center to allow other programs to expand.
- Address Current Issues with the Existing Facility including:
 - Replace End of Life inefficient Greenhouse
 - Replace End Of Life Windows / Frames
 - Replace End of Life CTE Equipment
 - Upgrade/Replace Fire Alarm for Code Compliance
 - Provide Code Compliant Fire Suppression (sprinkler) System
 - Repair Plumbing Systems and bring into Compliance
 - Upgrade Electrical Systems
 - Provide New energy efficient Lighting
 - Replace HVAC System
 - Safety and Security Issues
 - Replace End-of-Life Roof
 - Replace End-of-life Flooring
- Address Educational needs of current Programs including:
 - Bring Shop and lab spaces to industry standards
 - Upgrade / Modernize Equipment and processes to reflect today's work environments & industry needs
 - Allow for safety clearances at equipment, and adequate storage in labs
 - Increase space to allow for increased enrollment in some programs
 - Create Collaborative spaces necessary for interpersonal skill development
 - Create Flexible spaces that will change as we and our industries grow and change
 - Create secure entrance sequences to allow increase community access
 - Meet current and future needs for each program's skills and competencies

About Our Renovation / Expansion Project

Newport NH

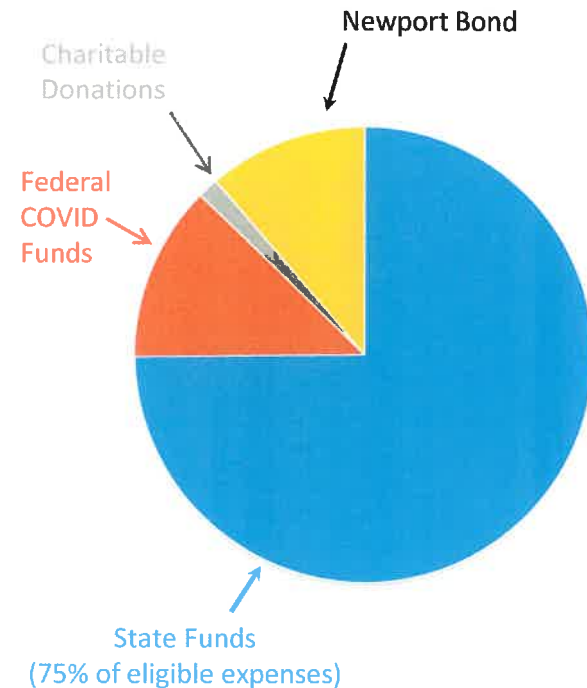
Proposed Project Cost: \$17,687,940

Funding Breakdown

\$12,500,000 State Fund (71%)

\$5,187,849 Other/Local (29%)

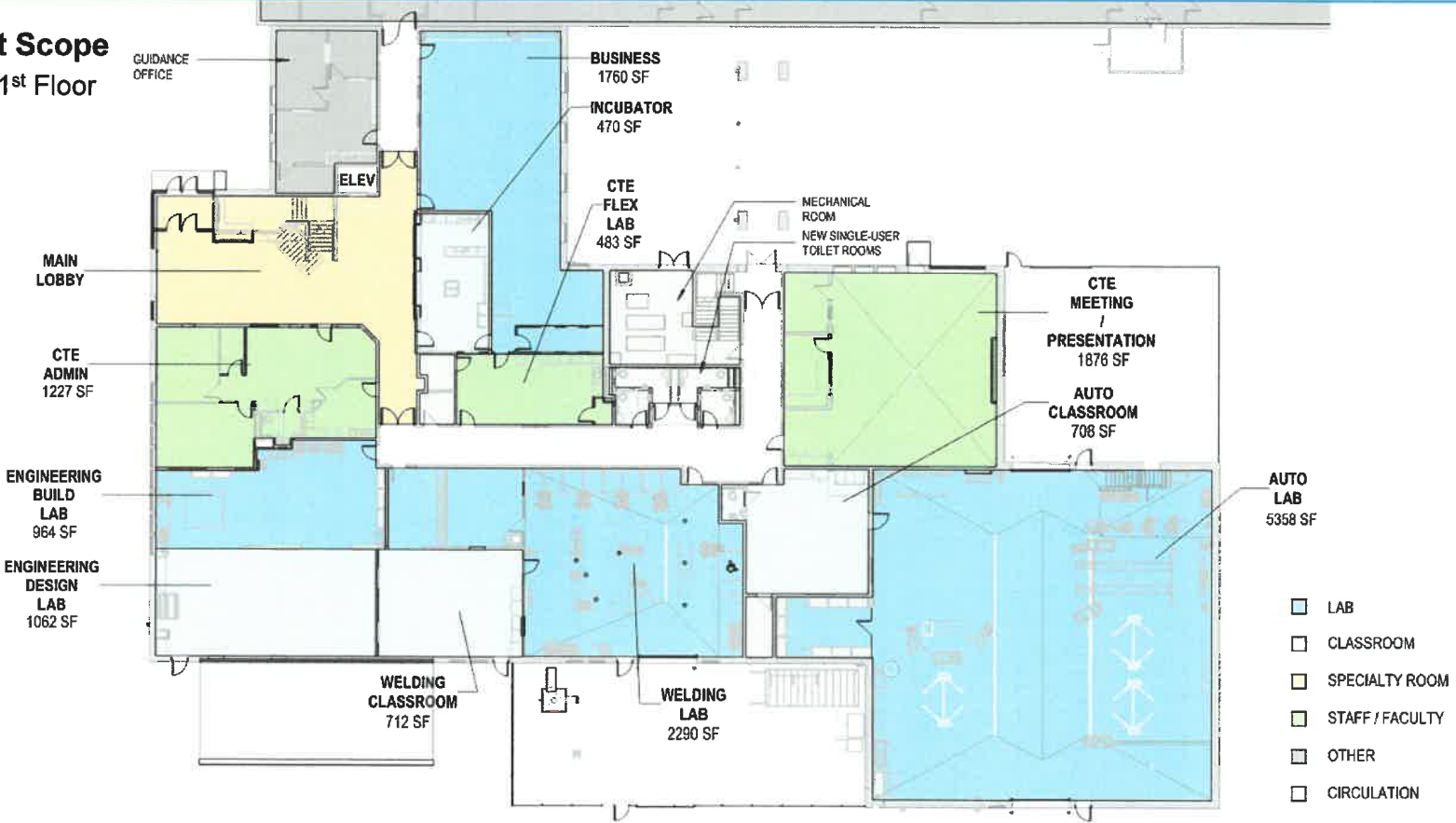
- \$2.36M ESSER (Federal) Funds
- \$150K 2022 School Operating Budget
- \$720K Charitable Donations / Rebates
- \$1.96M Bonds (Local Community)



About Our Renovation / Expansion Project Newport NH

Proposed Project Scope

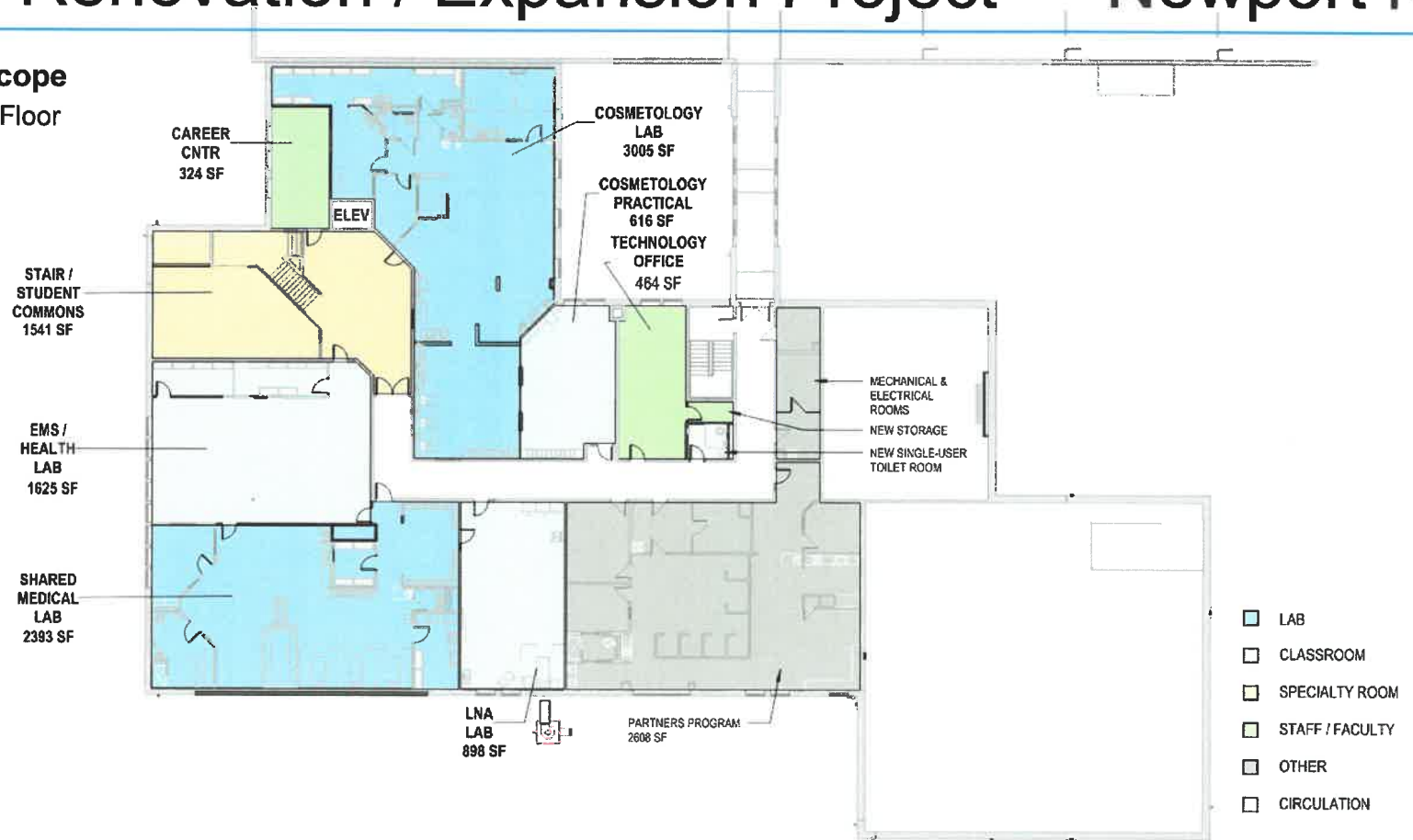
- Renovated Area 1st Floor



About Our Renovation / Expansion Project Newport NH

Proposed Project Scope

- Renovated Area 2nd Floor

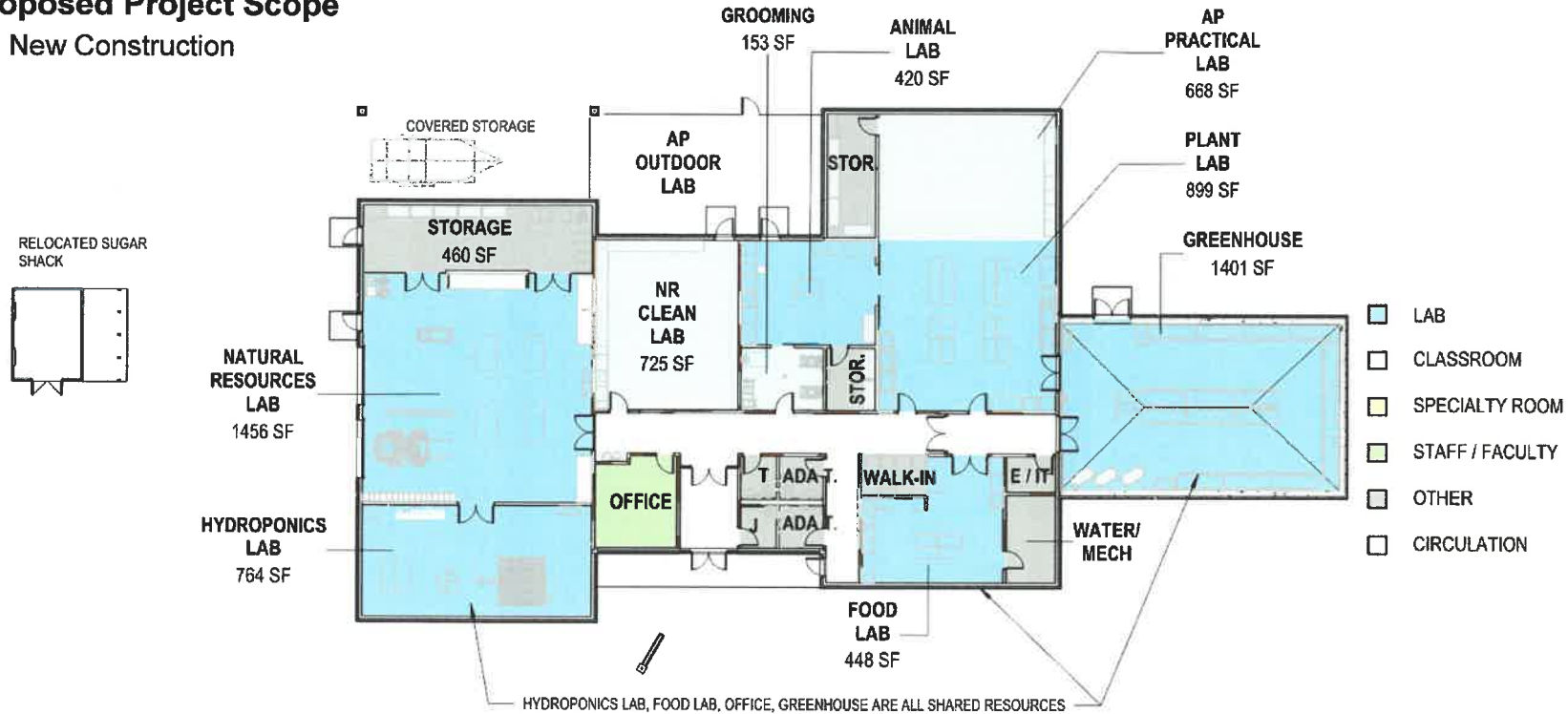


About Our Renovation / Expansion Project

Newport NH

Proposed Project Scope

- New Construction



About Our Renovation / Expansion Project Newport NH

Proposed Project Scope

- Architectural Renderings



Renovated Center



New Agricultural Building



New Greenhouse

About Our Renovation / Expansion Project

Newport NH

Proposed Project Scope

- Architectural Renderings



Renovated Student and Community Entrance



Renovated Student, Business, and Community Meeting Room

About Our Renovation / Expansion Project Newport NH

Proposed Project Scope

- Architectural Renderings



Renovated Cosmetology Lab



Renovated Health Occupations Classroom

About Our Renovation / Expansion Project

Newport NH

Bond Vote Information:

- Bond was Approved in March of 2022
- Allowed for Engineering, Design, and Permitting to begin
- Project is currently bidding, and is Shovel Ready (to being in July 2023)

Warrant Article:

Article 02 Authorize Reno. & Addit. to Career Tech Center

Shall the District raise and appropriate the sum of \$15,400,000 (gross budget) to renovate the District's Career Tech Center (the "Project"); with \$11,000,000 to come from State Building Aid, \$2,160,000 from Federal ESSER funding, and \$280,000 from private donations or other grants; and authorize the issuance of \$1,960,000 of bonds or notes in accordance with the Municipal Finance Act (RSA 33) to fund the remaining balance of the gross budget amount; and authorize the School Board to issue and negotiate such bonds or notes and to determine the dates, maturities, interest rate, and other details of such bonds or notes; and raise and appropriate an additional sum of \$49,000 from taxation to pay debt service on such bonds or notes due in the 2022-2023 fiscal year; and authorize the School Board to accept on behalf of the District any federal, state, or private funds that may become available in respect to the Project and use such funds to pay Project costs or reduce the amount of bonds or notes issued for the Project?

School Board recommends this article. Budget Advisory Committee recommends this article. Tax impact \$0.11 in FY 22-23 and \$0.33 in future years. (3/5 ballot vote required)

82% Approval by Voters



About Our Renovation / Expansion Project Newport NH

2021 – Unpresented Year:

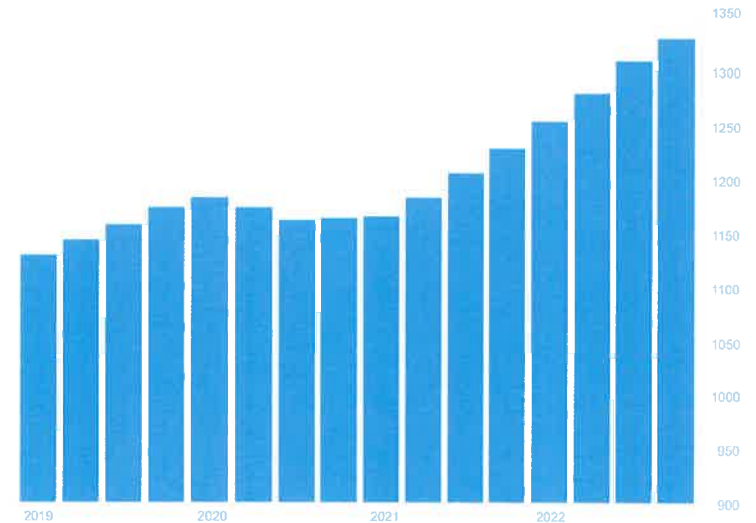
- Labor Interruption Due to COVID and Variants
- Manufacturing, Production and Supply Chain Disruption
- Localized Cost Escalation Variation

Concept Design Pricing (September 2021):

Total Project Estimate: \$15.4 M
State Funded Portion: \$11 M
Local Funded Portion \$4.4 M
(included 5% escalation factor)

Design Development Pricing (December 2022):

Total Project Estimate: \$17.6 M
State Funded Portion: \$12.5 M
Local Funded Portion \$5.1 M
(included \$1.5 M in Redesign Value)



Turner Building Cost Index National Average Index

RLB Construction Cost Report
Average Cost Per Square For for High School in Boston increased 26%
from 2018 to 2020.

About Our CTE Center

Newport NH

SRVRTC Newport currently offers eight two-year CTE programs:

- Animal & Plant Sciences
- Automotive Technology
- Business & Marketing
- Cosmetology, Engineering
- Forestry & Natural Resources
- Health Science Technology
- Welding Technology.

SRVRTC Newport will be adding an additional program in the 2023-2024 school year:

- Education and Behavioral Science

In addition to the two-year programs, SRVRTC Newport offers elective course offerings for Newport High School. These programs include:

- Career Readiness
- Computer Programming
- Emergency Medical Technician
- Floral Design Fundamentals
- Introduction to Agricultural Science
- Introduction to Animal & Plant Sciences
- Introduction to Automotive Maintenance
- Introduction to Business & Marketing
- Introduction to Cosmetology
- Introduction to Engineering
- Introduction to Welding & Metalworks
- Licensed Nursing Assistant
- Middle School CTE Exploratory (all programs)
- Outdoor Recreation
- Personal Finance



About Our CTE Center

Newport NH

Faculty & Staff

SRVRTC is fortunate to have a strong team of educators with diverse industry and education backgrounds. In addition to NH Department of Education credentialing and licensure, several of our faculty members are also adjunct faculty for the Community College System of New Hampshire (CCSNH) which enables SRVRTC to offer concurrent college courses through the CCSNH Running Start program.

Name	Serving Since	Assignment / Endorsement	Specialty Credentials	CCSNH Running Start Adjunct Faculty
Kelly Bousquet	2022	Health Science	Paramedic EMS Instructor	Yes
Sarah Forrett	2021	Business & Marketing	MBA Leadership Development	Yes
Amanda Hodge	2016	Cosmetology	Cosmetology Instructor	No
Kristie Howe	2021	Administration	SHRM-SCP Human Resources	No
Heather Kerin-Herrick	2021	Welding	Certified Welding Inspector	Yes
Sam Nelson	2016	Forestry & Natural Resources	Natural Resource Conservation	No
Eric Perry	2019	Administration Health Science	Paramedic EMS Instructor	Yes
Graham Scott	2019	Engineering	Project Lead the Way Facilitator	Yes
Deborah Stevens	2001	Animal & Plant Sciences	Agriculture	No

About Our CTE Center

Newport NH

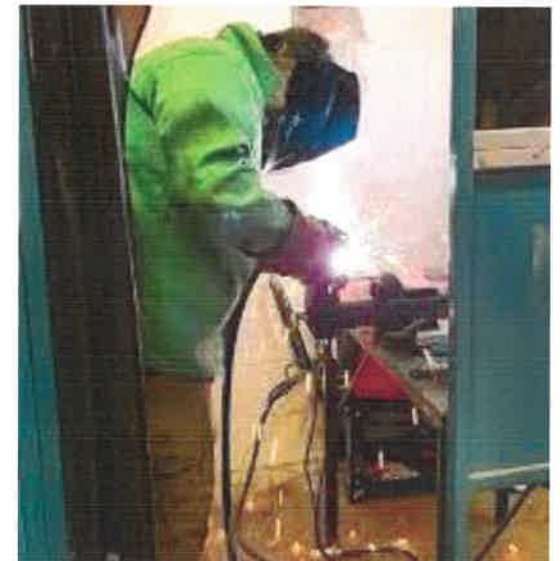
Enrollment 2022-2023:

- Current enrollment is 191 students. 103 Level one students and 88 level two students
- In addition, there are 15 students enrolled in healthcare certification programs (EMT and LNA).
- There are 350 total enrollments in quarterly introduction programs.
- There are 79 students enrolled in a monthly middle school (8th grade) exploratory program.
- The total student reach for 2022-2023 is 620.

Historical Enrollment | 5-Year History

SRVRTC Newport has experienced continuous enrollment growth over the past four years. The total enrollment for CTE programs is outlined below.

PROGRAM	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Animal & Plant Sciences	23	15	10	13	10
Automotive Technology	29	19	16	16	22
Business & Marketing	21	14	11	8	13
Cosmetology	20	12	14	15	15
Engineering	13	13	16	10	10
Forestry & Natural Resources	20	16	15	19	18
Health Science Technology	39	33	24	20	20
Welding Technology	26	20	14	16	21
TOTALS	191	142	120	117	129



About Our CTE Center

Newport NH

Community Connections:

SRVRTC Newport is part of New Hampshire Region 10 CTE which encompasses two CTE centers amongst three school districts. The three districts in Region 10 are Claremont, Newport, and Sunapee. However, SRVRTC's reach is far beyond those three communities. With Newport High School being a school of choice for some school districts, and local homeschool students choosing to attend CTE in Newport, our school extends to serve far beyond the designated region.

Currently students at SRVRTC Newport represent the following communities:

- Claremont
- Croydon
- Goshen
- Lempster
- Meredith
- Newport
- Sunapee
- Unity

Serving our Communities Labor Needs:

- Automotive Technology :.....Demand for this skill set has increased by 51.1% since 2018!
- Business:694 jobs in Sullivan County, alone, based on 2020 CLNA
- Cosmetology & Salon Owners:Job growth of 13% between 2016 and 2026
- Engineering & Computer Programming:Job growth in NH of 8% - above the nationwide average!
- Health Sciences: Fastest growing sector in NH – 100% above average in many sectors
- Agricultural Science:139 job openings now in NH
- Natural Resources & Welding:Average of 70 jobs open in NH – 2% annual growth
- Welding Technologies:290 job openings right now in NH



About Our CTE Center

Newport NH

Graduation Requirements | Percentage of CTE Completers

The Newport School District requires each high school student to declare a graduation pathway. The recognized pathways are: CTE Completer, Scholar, or Work-Based Learning. The declared pathway enables the high school and CTE center to best serve each students' individual needs and goals based upon their post-secondary plans. Over the past five years, nearly **50% of the high school graduates from the Newport School District have been CTE completers.**

Student Satisfaction Survey Results

A January 2021 survey of SRVRTC Newport students found that student satisfaction is significant. Additionally, many students reported that attending their CTE program as part of their high school day motivated them to attend and do well in their other high school classes. The results of the survey conducted by the school's director at the time are outlined below:

- 98% of students reported they specifically like one of the following: real-world classes that are valuable to their future, hands-on engaging classes, and great teachers.
- 92% of students reported being satisfied or highly satisfied with their CTE programs. 100% of respondents reported ratings in the top three evaluation metrics. No respondents reported being dissatisfied with their CTE programs.
- 88% of students reported that SRVRTC prepares them well for college or a career after high school.



About Our CTE Center

Newport NH

Industry Recognized Credentials

Incorporated within the CTE programs at SRVRTC are industry recognized credentialing (IRC) programs. SRVRTC currently provides students with opportunities to earn the following credentials:

- American Heart Association Basic Life Support Provider
- American Heart Association First Aid Certification
- American Heart Association Heartsaver CPR & AED Certification
- American Heart Association Bloodborne Pathogen Certification
- Automotive Service Excellence (ASE) Certification
- Microsoft Office Certification
- OSHA 10 Certification

Career and Technical Student Organizations (CTSO)

SRVRTC Newport provides enrichment opportunities for CTE students through affiliations with several career and technical student organizations. Each of the CTSOs listed below is proudly represented with a local chapter at SRVRTC. Through state and local events and competitions, membership in a CTSO provides students with opportunities to network, receive scholarships, expand their knowledge, and experience authentic career-focused opportunities. SRVRTC Newport has local chapters of the following organizations:

- Future Business Leaders of America (FBLA)
- Future Farmers of America (FFA)
- Health Occupations Students of America (HOSA)
- National Technical Honor Society (NTHS)
- SkillsUSA [Automotive]
- SkillsUSA [Cosmetology]
- SkillsUSA [Welding]
- Technology Student Association (TSA)



About Our CTE Center

Newport NH

Career Opportunities

Each of the programs at SRVRTC are designed to prepare students for direct entry into college, through generous articulation agreements, or directly into careers. Below is an outline of the career opportunities directly aligned with SRVRTC's programs.

PROGRAM	CAREER OPPORTUNITIES & SALARY EXPECTATIONS*	
Animal & Plant Sciences	Animal Breeder \$40,090	Nursery & Greenhouse Laborers \$29,630
	Animal Groomer \$32,550	Wholesale Agriculture Trade \$29,990
	Agriculture Equipment Operator \$29,630	
Automotive Technology	Automotive Technician \$46,880	Small Engine Repair Mechanic \$39,050
	Parts Technician \$46,180	Vehicle and Mobile Equipment Mechanics \$47,410
	Heavy Equipment Technician \$53,770	
Business & Marketing	Accountant \$77,250	Marketing Manager \$133,380
	Fundraisers \$60,660	Meeting & Event Planners \$49,470
	Human Resources Specialist \$62,290	
Cosmetology	Barber and Hairstylist 37,970	Manicurist and Pedicurists \$29,210
	Cosmetologist \$29,680	Skincare Specialist \$37,300
	Funeral Cosmetologist / Make-Up Artist \$45,760	
Engineering	Aerospace Engineer \$118,400	Computer and Peripheral Equipment Engineer \$125,910
	Architectural Engineer \$97,630	Research and Development Engineer \$121,330
	Civil Engineer \$88,050	
Forestry & Natural Resources	Animal Farming \$32,490	Forester \$64,110
	Conservation Advocate \$60,400	Logging Operator \$48,130
	Conservation Officer \$63,750	
Health Science Technology	Emergency Medical Technician \$36,930	Paramedic \$47,760
	Licensed Nursing Assistant \$30,290	Registered Nurse \$77,600
	Physical Therapist \$95,620	
Welding Technology	Civil Construction Welding \$92,290	Underwater Welder \$73,820
	Motor Vehicle Manufacturing \$54,990	Welding Fabrication \$42,690
	Ship Building \$63,110	

*Salary data from the United States Bureau of Labor Statistics, national average

About Our CTE Center

Newport NH

Our Center makes a Difference.

The Sugar River Valley Technical Center in Newport NH has demonstrated success with the following attributes:

- Quality programs with exceptional teachers
- Amazing students who are engaged, productive, confident
- Industry recognized credentials
- Work based learning
- Adult education classes for our community
- Services and products to benefit our community
- Workforce development for local businesses
- College credit and connections
- Endless career opportunities

An investment is needed to maintain and enhance those successes

- Education students care about
- Education and experience that prepares students for the real world
- A clear path with support to a great job, college, or trade school
- Great schools increase property values and increase the likelihood that families will move to this region just to attend our schools
- Invest in the future of our community and attract great families and companies to NH ultimately increasing the tax base and lowering the tax rate



Our Need for Improvements

Newport NH

Our Center is 30 years old, and industries and technologies have changed

- ✗ Shop and lab spaces no longer meet industry standards
- ✗ Programs and learning spaces no longer model industry
- ✗ Equipment and processes don't reflect today's work environment
- ✗ Proper ventilation, lighting, safety, storage and energy efficiencies are missing
- ✗ Space reconfiguration is needed to accept all the students who want to take our programs
- ✗ Collaborative spaces are lacking
- ✗ Flexible spaces that will change as we grow and change, are needed.
- ✗ Spaces that interface well with community are needed
- ✗ We don't have the ability to prepare our students for the next 20 years

With the restrictions of the current space & equipment, we are falling behind quickly.

Now is our time to revamp and recalibrate so we can prepare our students for the Newport of the future!

We have over \$2M in End of Life Systems Replacement to make to the Center

- Replace End of Life inefficient Greenhouse
- Replace End Of Life Windows / Frames
- Replace End of Life CTE Equipment
- Upgrade/Replace Fire Alarm for Code Compliance
- Provide Code Compliant Fire Suppression (sprinkler) System
- Repair Plumbing Systems and bring into Compliance
- Upgrade Electrical Systems
- Provide New energy efficient Lighting
- Replace HVAC System
- Safety and Security Issues
- Replace End-of-Life Roof
- Replace End-of-life Flooring





WINNISQUAM AG CENTER RENOVATION/CTE PROJECT



ABOUT OUR RENOVATION/EXPANSION

Proposed Project Summary:

- Renovate existing 9,039 Square Foot Winnisquam Agriculture Center
- Increase building footprint by 9,730 Square feet
- Address issues relevant to an aging 30 facility
- Update space and equipment for 2 existing programs
 - Natural Resources and Animal & Plant Science
- Expand programming to include Precision Manufacturing and Cosmetology



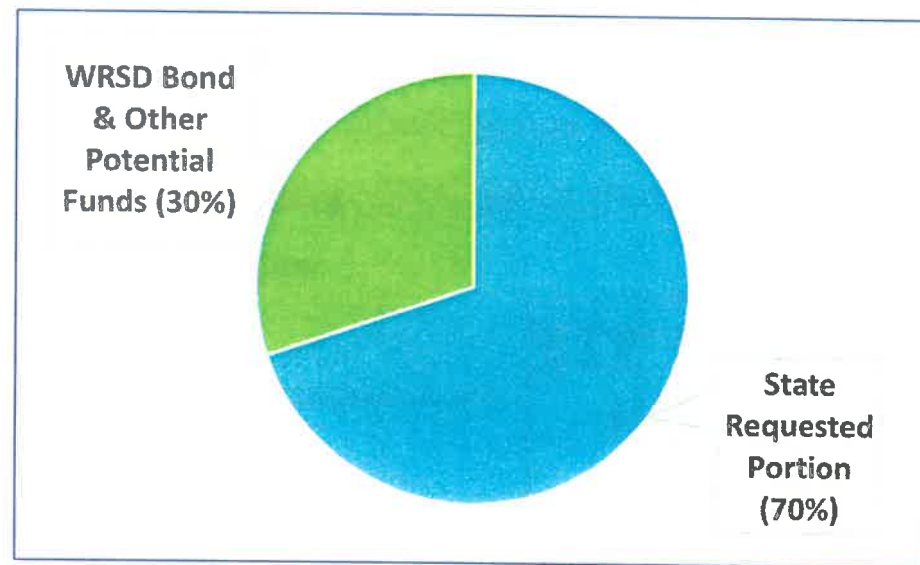
ABOUT OUR RENOVATION/EXPANSION

**Proposed Project Cost:
\$10,953,300**

State Funding - \$7,649,663 (70%)

Local Portion - \$3,303,638 (30%)

- Potential Revenue from sale of Union Sanborn School (Warrant Article #2)
- ESSER Funds (if available)
- Potential Charitable Donations/Rebates
- Bonds (Community)



ABOUT OUR AG CENTER

The Winnisquam Ag Center currently offers Animal & Plant Science and Natural Resources programming to 59 students from Region 8 school districts

Community Connections:

The Winnisquam Ag Center is part of New Hampshire Region 8 CTE Centers, which includes students from the following school districts/communities:

- **Laconia**
- **Gilford** (Gilford & Gilmanton)
- **Interlakes** (Center Harbor, Meredith & Sandwich)
- **Merrimack Valley** (Boscawen, Loudon, Penacook, Salisbury & Webster)
- **Franklin**
- **Newfound** (Alexandria, Bridgewater, Bristol, Danbury, Hebron, Groton & New Hampton)
- **Shaker Regional** (Belmont & Canterbury)
- **Winnisquam** (Northfield, Tilton & Sanbornton)



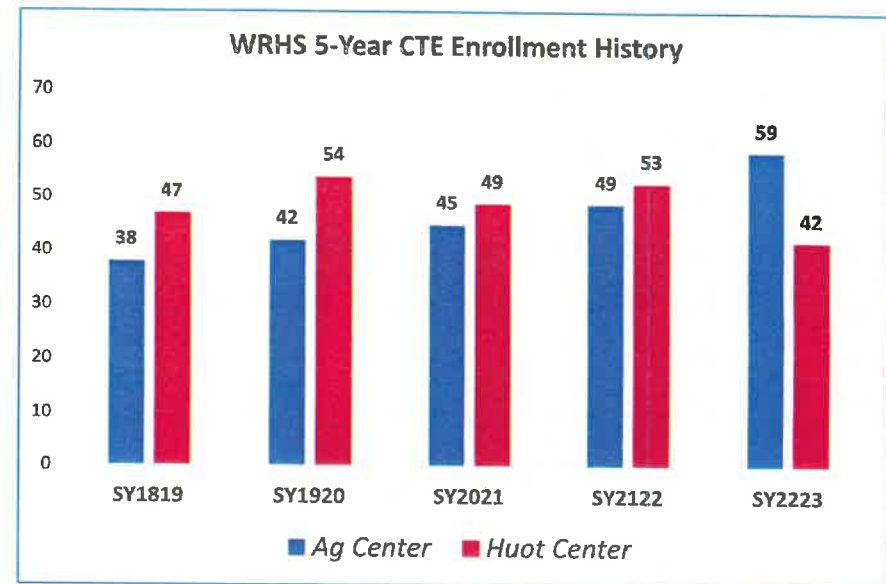
ABOUT OUR AG CENTER

2022-2023 Enrollment:

- Current Ag Center enrollment is 59 students
- In addition, 42 WRHS students are enrolled at the Laconia Huot Technical Center
- Addition of 2 new programs expands our enrollment capacity by 108 seats

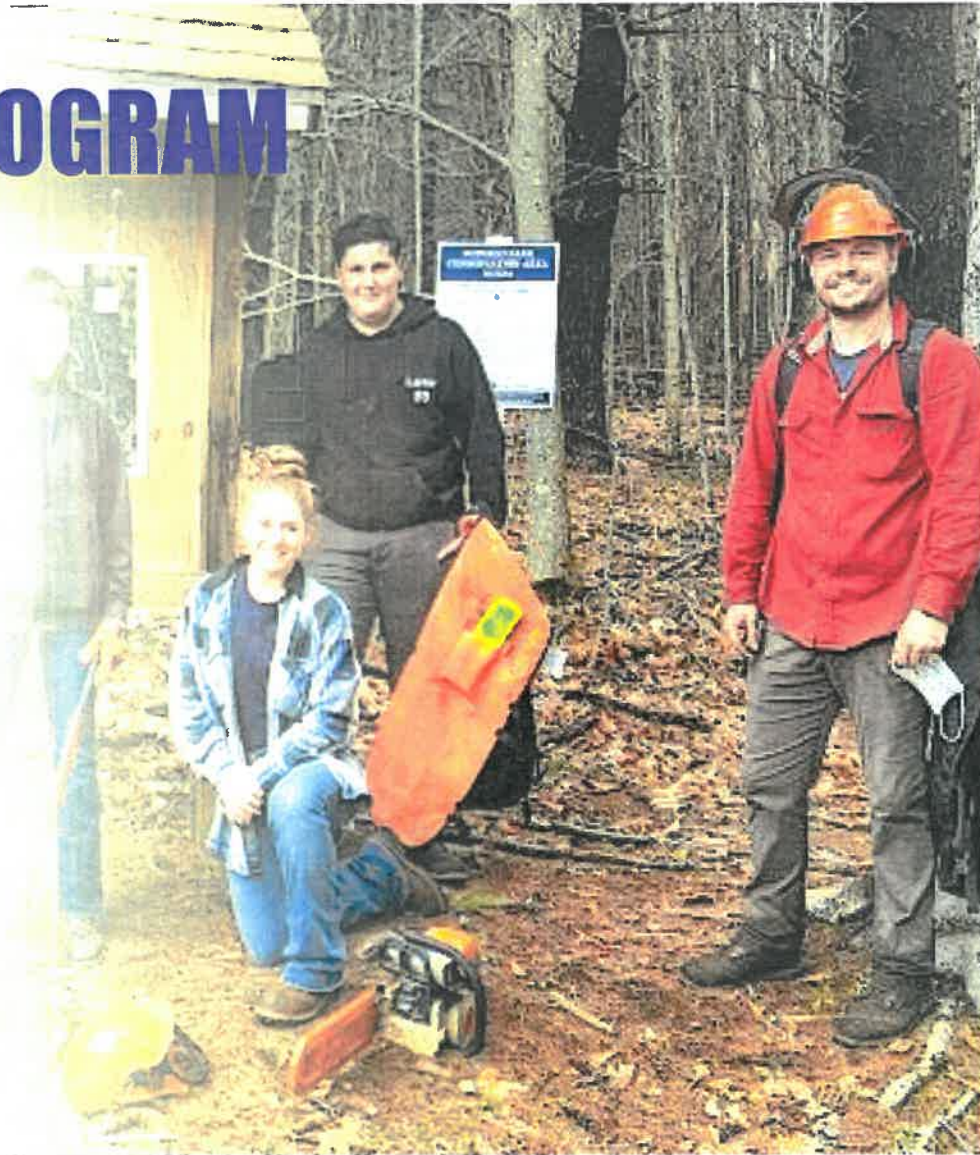
5-Year Historical Enrollment:

The Winnisquam Ag Center has experienced continuous enrollment growth over the past four years, despite declining enrollment in Region 8 school districts



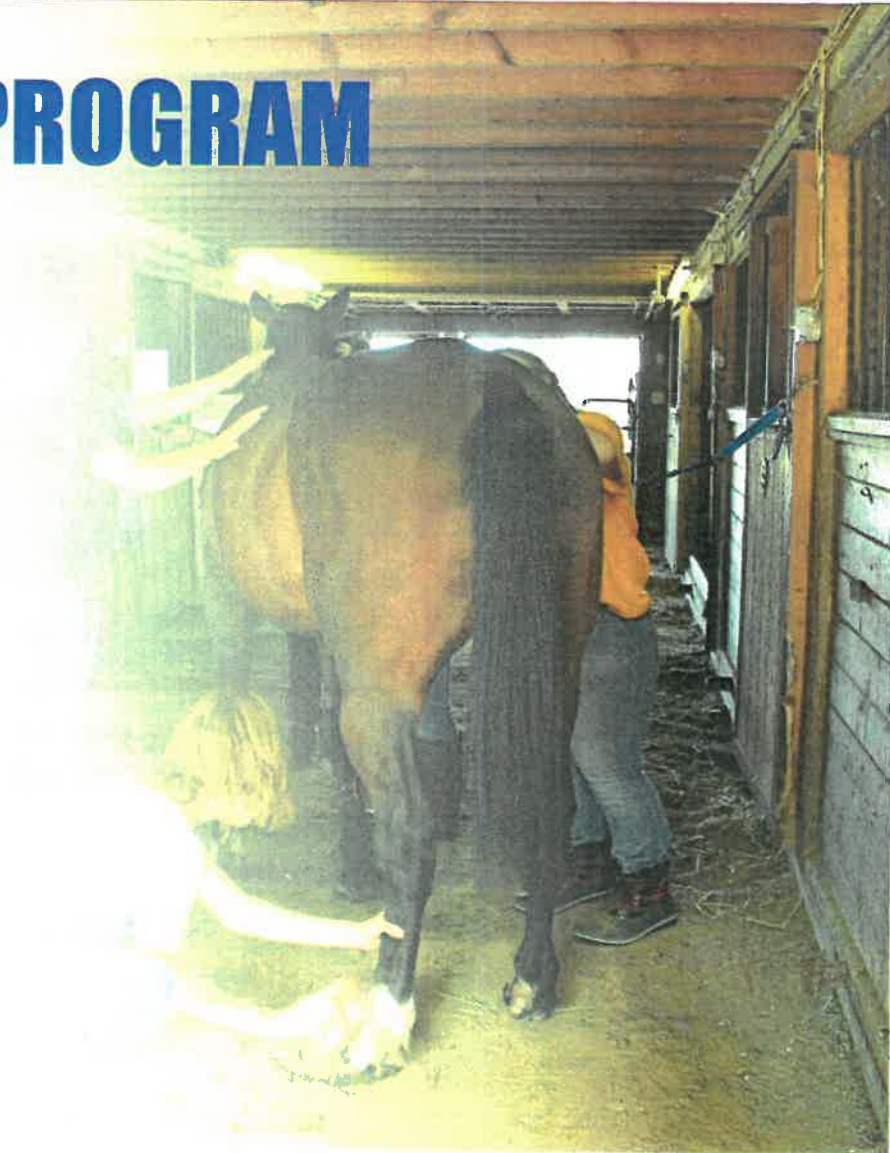
NATURAL RESOURCES PROGRAM

- Connects to many community groups through multi-year partnerships with Tilton Parks Commission, Franklin VNA & Hospice, and Franklin Falls Dam
- Students have been able to complete outreach at the multiple district elementary schools, local parks, and also maintain a trail system that many people use in the Tilton area. The program is also very excited to build more relationships with Highland Bike Park and the new rafting park opening up in Franklin, NH.
- Natural Resources has added Drone Technology and Sustainability into the curriculum in hopes of attracting more students.
- Students are provided many industry recognized credentials that prepare them for the agriculture field among other industries.
- The majority of students take the courses in their freshman and sophomore years, but when the graduating seniors leave the majority go right out into the workforce while others most recently have attended UVM, NHTI, and other institutions.



ANIMAL & PLANT SCIENCE PROGRAM

- Increasing in enrollment since the pathway competency change in 2017.
- Students utilize greenhouse space to hold holiday sales and a large plant sale every spring partnering with the Master Gardeners.
- Students also partner with the Franklin Animal Shelter and the Franklin VNA & Hospice
- Students are able to get hands-on applications with small animals as well.
- Students are also provided with industry recognized credentials, and college credits with various community colleges and universities around the state.
- Students that have graduated in the past have gone on to become Vet Technicians, landscapers, horse trainers, and into other careers in the animal & plant industries.



ABOUT OUR AG CENTER

Addressing Aging Facility Issues:

The Winnisquam Ag Center opened to Area 8 students in 1992 and has been providing practical, experiential learning for the past thirty years. The following systems and infrastructure have reached end-of-life and require the replacement or upgrades that will cost the District in excess of \$1.5M:

- Update Fire Alarm & Suppression systems
- Update **Electrical** Distribution systems
- Replacement of **heating and ventilation** Systems
- Addition of **Safety & Security** systems
- Replacement of Windows
- Replacement of Lighting
- Replacement of Flooring
- Address interior & exterior **ADA issues**



AG CENTER RENOVATION/EXPANSION - OVERVIEW



WINNISQUAM REGIONAL TECHNICAL CENTER

CONCEPTUAL DESIGN

Concept New v Reno

SEPTEMBER 13, 2021

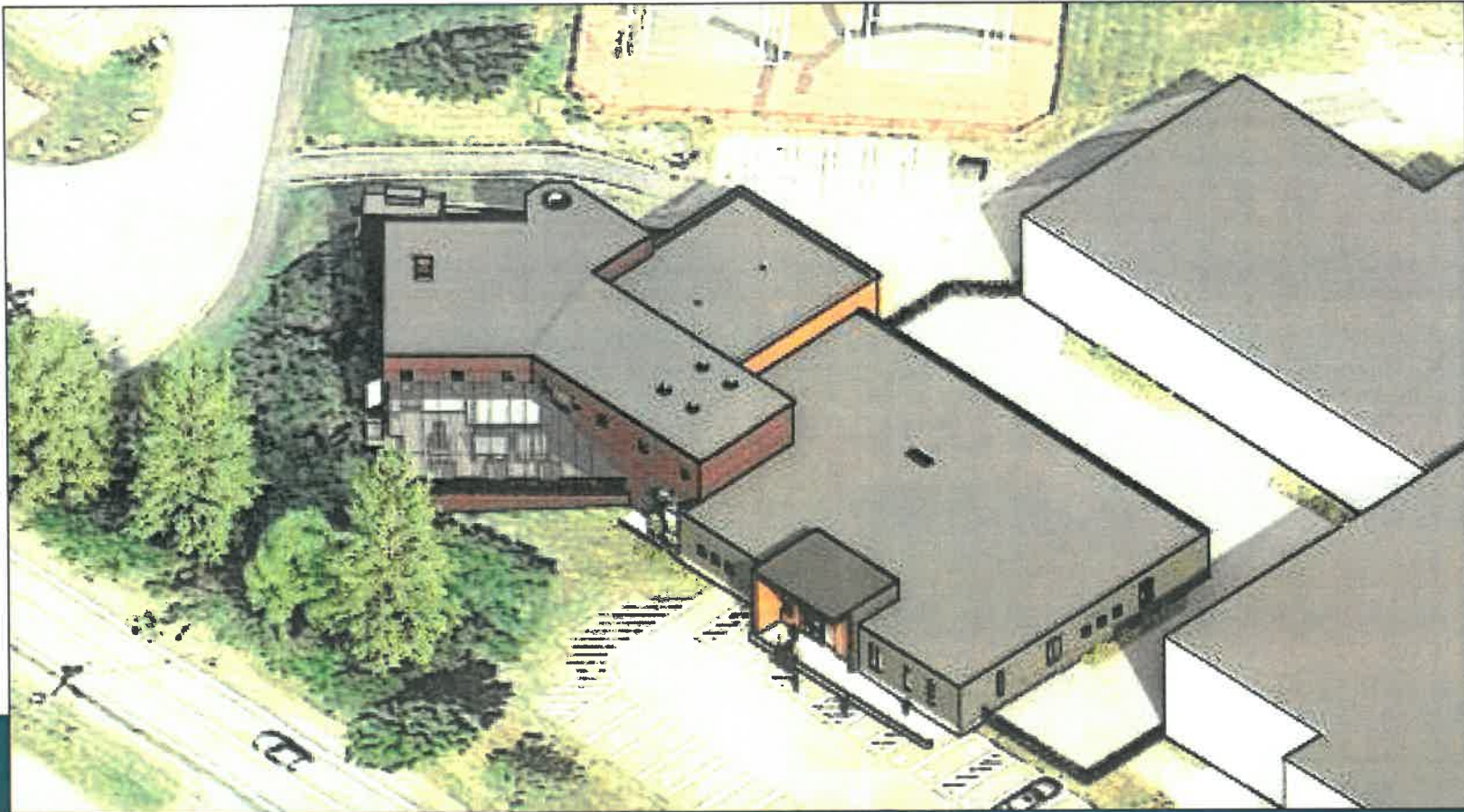
SCALE: 1" = 30'-0"



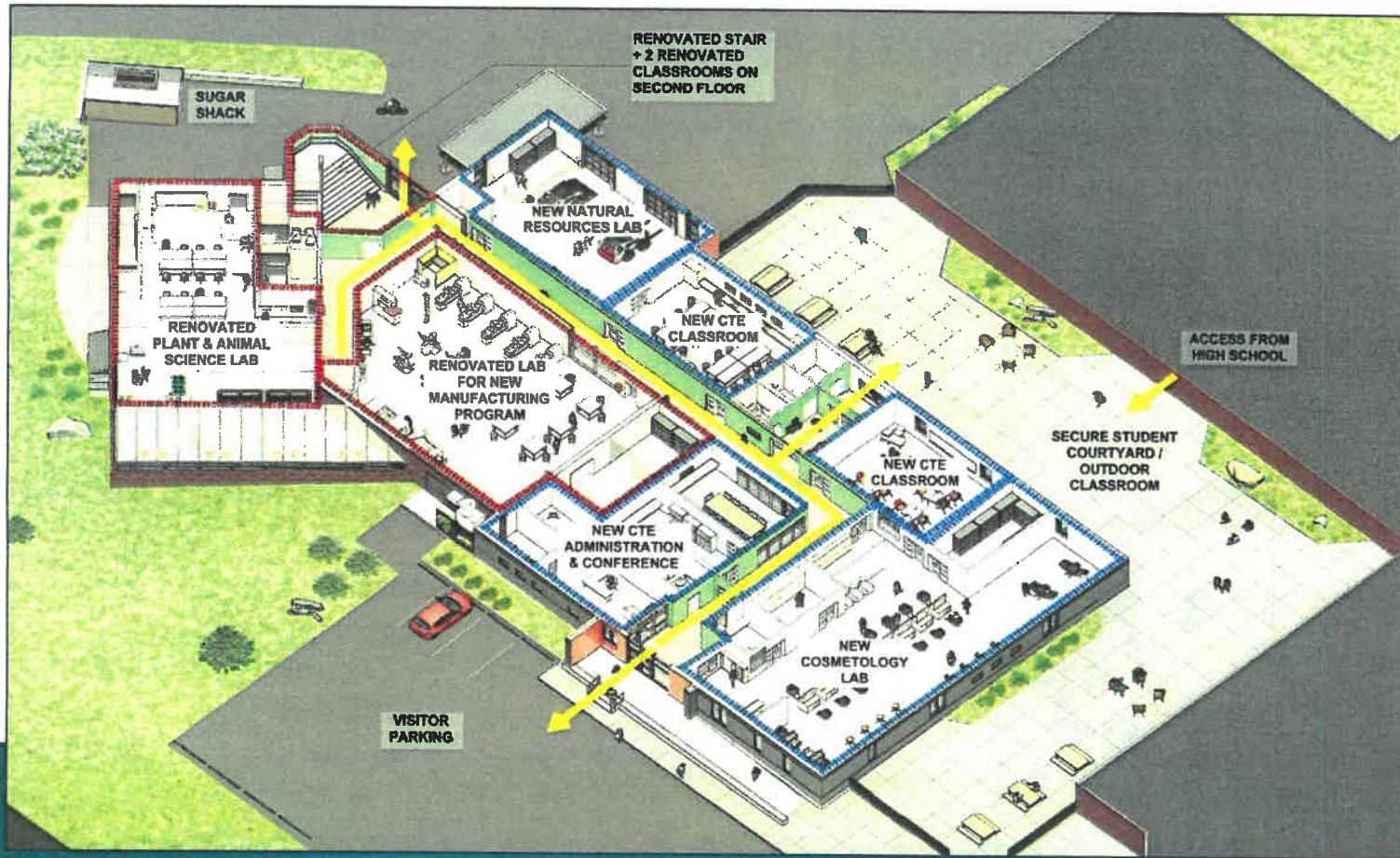
LAVALLEE|BRENSINGER ARCHITECTS

A0-3

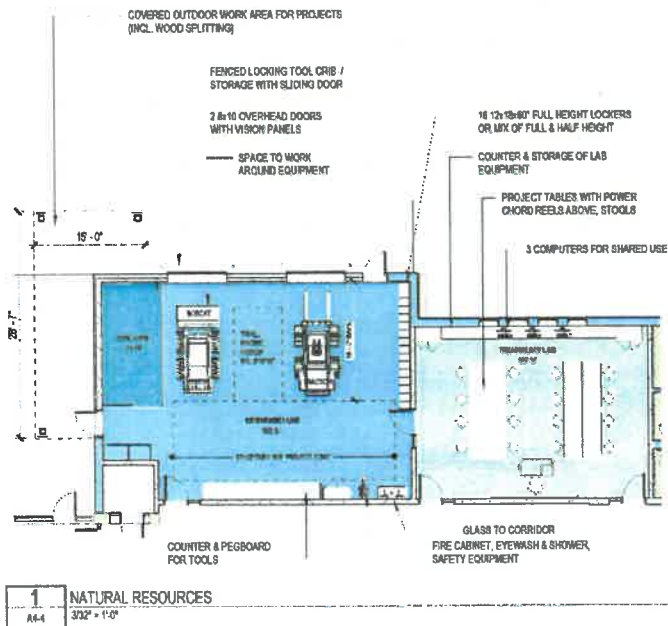
PROJECT CONCEPTUAL OVERVIEW



PROJECT CONCEPTUAL DESIGN



Natural Resources Area Prototype



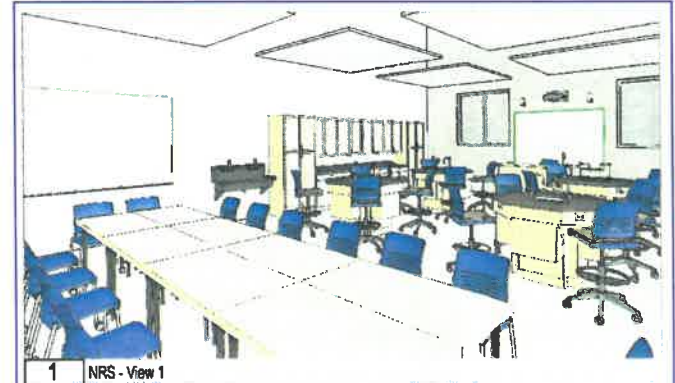
1 NATURAL RESOURCES
A4-4
3/32" = 1'-0"

NOTES:

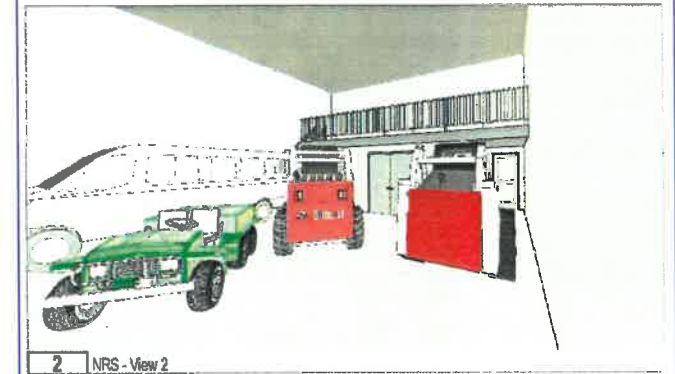
1. ALL CLASSES SHARE USE OF CLASSROOMS, TECHNOLOGY CLASSROOM AND TECHNOLOGY LAB.
2. SUGAR SHACK IS BY OWNER.
3. BUS NEEDS TO BE STORED IN ALTERNATE TEMPERED SPACE (STORAGE BUILDING)
4. SPACE FOR STORAGE OF LARGE ITEMS LIMITED. RECOMMEND ADDITIONAL REMOTE STORAGE
5. ADJACENT SINGLE USER TOILET ROOMS TO ACT AS CHANGING ROOMS IF NEEDED.



2 SUGAR SHACK
A4-4
3/32" = 1'-0"

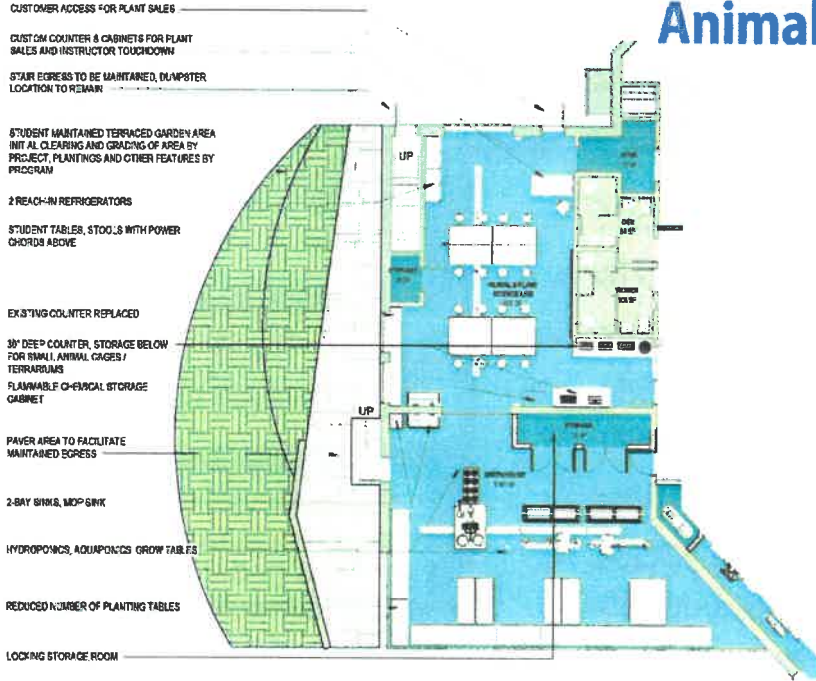


1 NRS - View 1
2.1

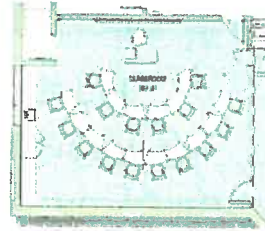


2 NRS - View 2
2.1

Animal & Plant Science Area Prototype



1 ANIMAL & PLANT SCIENCE
A4-3 302' x 1-0"



2 CLASSROOM
A4-3 302' x 1-0"

- NOTES:
- 1 CLASSROOM SEPARATED FROM LAB (ON SECOND FLOOR). ALL CLASSES SHARE USE OF CLASSROOMS, TECHNOLOGY CLASSROOM AND TECHNOLOGY LAB.
 - 2 EXPANSION OF ANIMAL CURRICULUM LIMITED IN EXISTING SPACE
 - 3 LOCKER AREA REMOVED AND NO LONGER PROVIDED. CONFIRM THIS IS ACCEPTABLE.
 - 4 SPACE FOR STORAGE OF LARGE ITEMS LIMITED. RECOMMEND ADDITIONAL REMOVE STORAGE
 - 5 PLANT SALES ARE NOT OFF OF SECURED ENTRY

WINNISQUAM REGIONAL TECHNICAL CENTER

Room Criteria - Animal & Plant Science

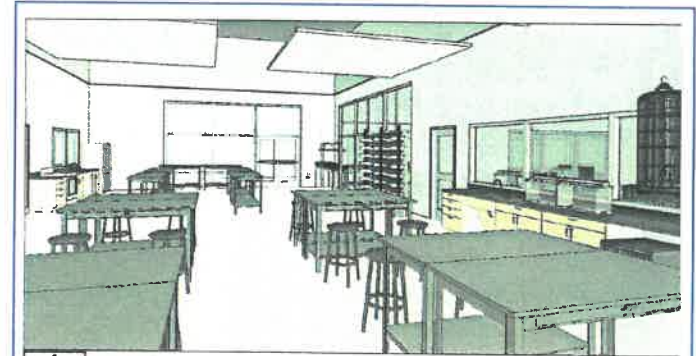
SCALE: 3/32" = 1'-0"

LAVALLEE BRENSINGER ARCHITECTS

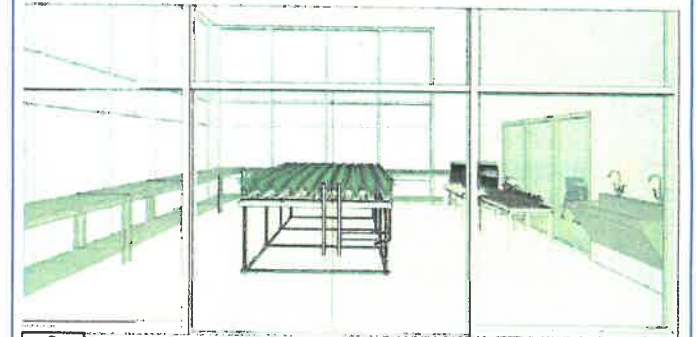
A4-3

SEPTEMBER 13, 2021

CONCEPTUAL DESIGN



1 APS - View 1
11



2 APS - View 2
11

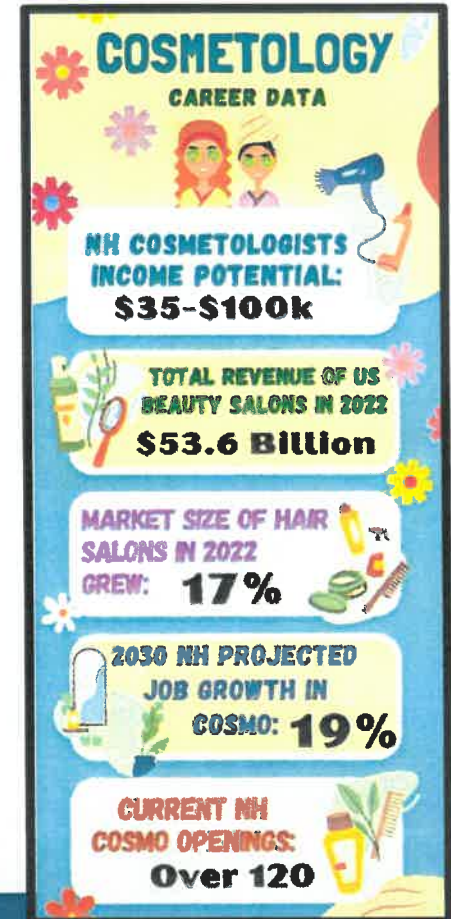
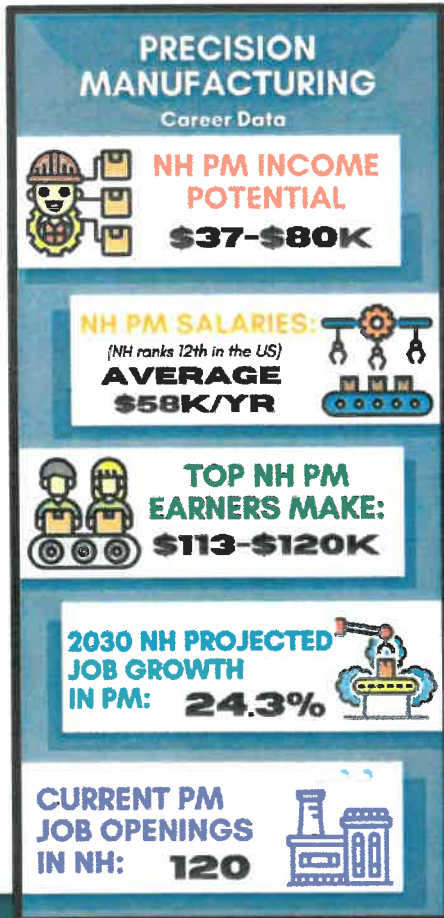
Winnisquam Regional Agricultural Center

OPTIMAL LAYOUT CONCEPT DESIGN

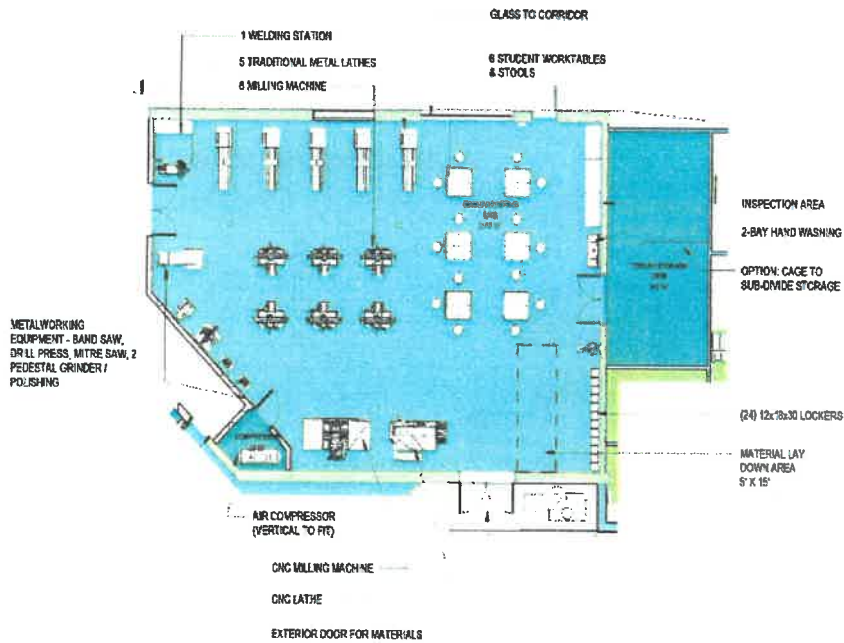
ABOUT OUR EXPANSION

Partnering with local Businesses to meet labor needs:

- 3M (Tilton)
- Empire Beauty School (Laconia)
- EPTAM Plastics (Northfield)
- Palm Hair Lounge (Concord)
- Freudenberg (Northfield)
- Headspace Studios (Concord)
- Howard Precision, Inc. (Gilford)
- NH Ball Bearings (Laconia)
- STS Aerospace (Laconia)



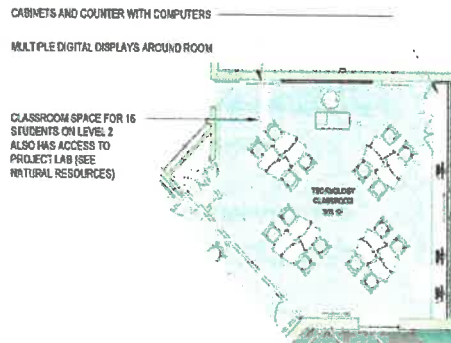
Manufacturing Lab Prototype



1 MANUFACTURING LAB
332' x 1'-0"

WINNISQUAM REGIONAL TECHNICAL CENTER
CONCEPTUAL DESIGN

- NOTES:
1. MANUFACTURING LAB LAID OUT AS EXAMPLE OF WHAT WOULD FIT INTO SPACE. EQUIPMENT PROPOSED WILL NEED TO BE RE-ASSESSED WHEN CURRICULUM DEFINED
 2. SPACE SUPPORTS 12-14 STUDENTS WELL. 16 CAN FIT INTO CLASSROOM BUT LAB WOULD BE TIGHT WITH THAT NUMBER.
 3. EXTERIOR DOOR ADDED FOR BRINGING IN MATERIALS. SPACE FOR MATERIAL STORAGE IS LIMITED. RECOMMEND IDENTIFYING ADDITIONAL SPACE FOR LONG TERM STORAGE AND BULK PURCHASING
 4. OFFICE FOR INSTRUCTOR IS NOT PROVIDED.
 5. ALL CLASSES SHARE USE OF CLASSROOMS, TECHNOLOGY CLASSROOM AND TECHNOLOGY LAB



2 TECH CLASSROOM
312' x 9'

Room Criteria - Manufacturing

SEPTEMBER 13, 2021

SCALE: 3/32" = 1'-0"
LAVALLEE|BRENSINGER ARCHITECTS

A4-2



NOTES

- 1. SPACE LAYOUT SUPPORTS 18 STUDENTS
- 2. MAKE-UP CURRICULUM CAN BE TAUGHT AT HAIR STATIONS
- 3. 3-4 ADDITIONAL PARKING SPACES ADDED AND DEDICATED TO COSMETOLOGY CUSTOMERS
- 4. ALL CLASSES SHARE USE OF CLASSROOMS, TECHNOLOGY CLASSROOM AND TECHNOLOGY LAB

Cosmetology Lab Prototype



CLASSROOM CAN ACCOMMODATE 16

STORAGE & DEMO SINK

WAX, FACIAL, MASSAGE TRAINING AREA - 2 SINKS, CUBICLE CURTAINS, CUSTOMER TABLES

WASHER & DRYER, SINK, STORAGE SHELVING

TOWEL WARMER AND TOWEL STORAGE

(2) 18x120x36H LOCKERS

4 HAIR WASHING STATIONS

3 HAIR DRYING STATIONS

16 HAIR STYLING STATIONS, DOUBLE SIDED STATIONS AND STYLING CHAIRS

DISPENSARY, SINK & DISHWASHER

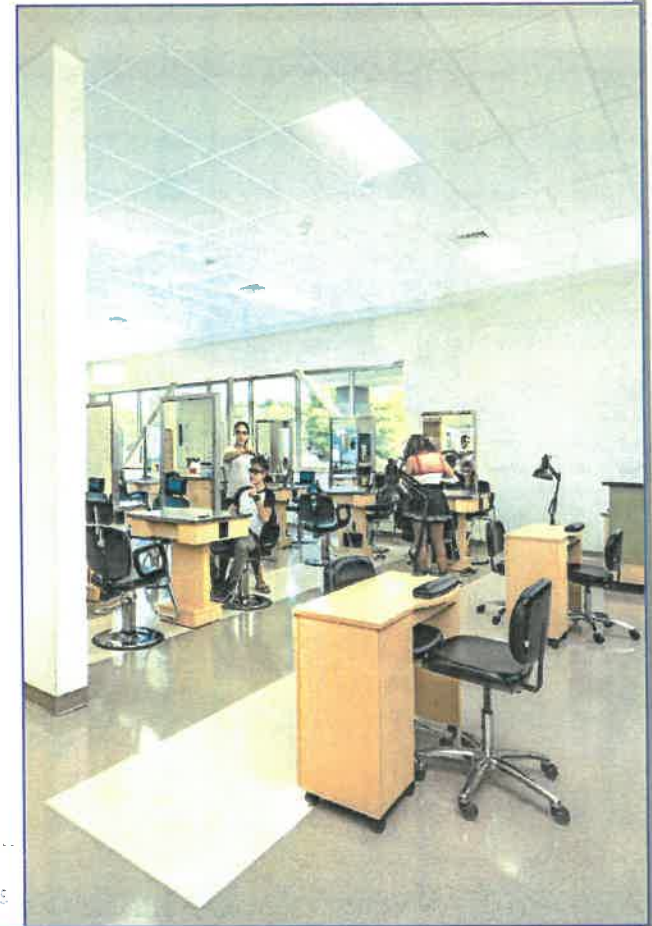
4 PEDICURE STATIONS

CUSTOMER WAITING & PRODUCT DISPLAY

RECEPTION

SINKS FOR MANICURE & PEDICURE BOWLS

4 MANICURE STATIONS



WINNISQUAM REGIONAL TECHNICAL CENTER

CONCEPTUAL DESIGN

Room Criteria - Cosmetology

SEPTEMBER 13, 2021

SCALE 3/32" = 1'-0"

LAVALLEE BRENSINGER ARCHITECTS

ABOUT OUR RENOVATION/EXPANSION

Bond Vote Information:

- Bond Vote failed by 6 votes in March of 2022
- Project will return to voters on March 25, 2023



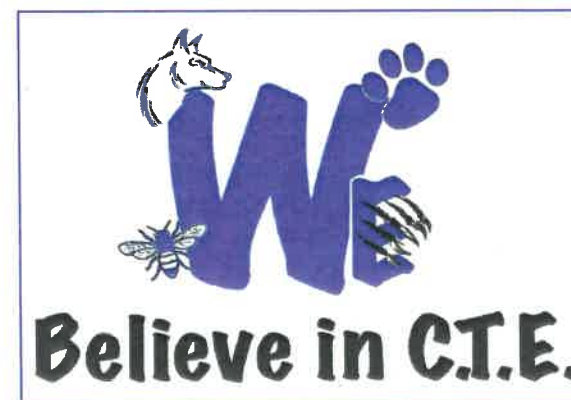
Warrant Article #1:

Shall the Winnisquam Regional School District raise and appropriate the sum of **Ten Million Nine Hundred Fifty-Three Thousand, Three-Hundred Dollars (\$10,953,300)** (gross budget) for the purpose of financing the costs to design, construct and equip the addition and renovation of the Winnisquam CTE Center (the "Project"); to authorize the issuance of not more than **Three Million, Three Hundred Three Thousand, Six Hundred Thirty-Eight Dollars (\$3,303,638)** in bonds or notes in accordance with the Municipal Finance Act (RSA 33), with at least **Seven Million, Six Hundred Forty-Nine Thousand, Six Hundred Sixty-Two Dollars (\$7,649,662)** to come from the NH Regional Career and Technical Education funding; to authorize the School Board to apply for, obtain and accept federal, state, or other aid and/or donations, if any, which may be available for the Project, which funding shall be used where possible to reduce the amount of bonds or notes issued for the Project; to authorize the School Board to issue, negotiate, sell and deliver such bonds or notes and to determine the rate of interest thereon and the maturity and other terms thereof; to authorize the School Board to take any other action or to pass any other vote relative thereto and to comply with all laws applicable to the Project; and to raise and appropriate an additional sum of **Eighty-Two Thousand, Five Hundred Ninety-One Dollars (\$82,591)** for the first year's payment on the bond? This Article is contingent upon the District's receipt of at least \$7,649,662 in New Hampshire Regional Career and Technical Education funding. [3/5 Ballot Vote Required]

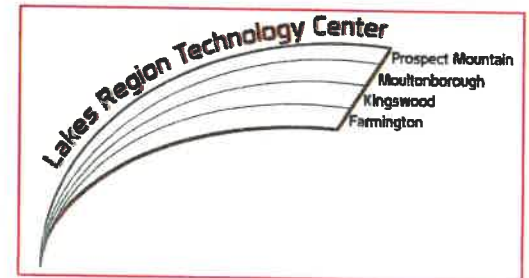
The School Board (6-0) recommends this appropriation. The Budget Committee (7-0) recommends this appropriation.

PROJECT PROMOTIONS

- **Winni Ag Renovation/CTE Project Kick Off Event** in November '22 (85+ Attendees)
- Professional **video** created to highlight the history of the Ag Center, benefits of Career and Tech Education and details of this Renovation/Expansion project
- **Brochures & Hand outs** distributed at presentations and events
- **Presentations** made to three WRSD Parent-Teacher Organizations
- Over **3600 emails** sent to School District Families with project & event information, video clips, promotional documents and *Save the Dates* reminders
- **Panel Discussions** (February & March) featuring professionals in Precision Manufacturing and Cosmetology and CRTC Cosmetology students and recent graduates – sharing the importance of this project in strengthening the economy
- **Information Booths** staffed at Middle and High School athletic events, MarketBasket & Transfer Stations in each community
- **Community Presentations** (monthly) since November
- Promotional **Postcard** to be sent to residents in each town
- **Press Releases** and Event Announcements in Winnisquam Echo & Daily Sun



THIS PROJECT IS SUPPORTED BY:





Winnisquam Ag Renovation

Investing in our local

Community
Career

Talent
Technology

Economy
Education

Thank you for your support!

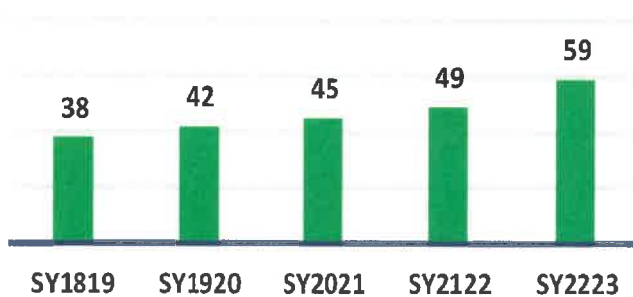
Winnisquam Ag Center Renovation/CTE Project

Investing in our local Community, Talent and Economy

Past & Present: Ag Center

- Our Ag building is a 30 Year old facility
- We offer *Plant & Animal Science & Natural Resources*
- We serve the **Region 8 School Districts/Communities**
 - ◇ **Franklin**
 - ◇ **Inter-Lakes** (Meredith, Ctr, Harbor & Sandwich)
 - ◇ **Merrimack Valley** (Boscawen, Loudon, Penacook, Salisbury & Webster)
 - ◇ **Shaker Regional** (Belmont & Canterbury)
 - ◇ **Gilford (& Gilmanton)**
 - ◇ **Laconia**
 - ◇ **Newfound Regional** (Alexandria, Bridgewater, Bristol, Danbury, Groton, Hebron & New Hampton)
 - ◇ **Winnisquam Regional** (Northfield, Tilton & Sanbornton)

Ag Center 5-Yr Enrollment History



Winni Ag program enrollment continues to grow despite declining enrollment trends in area school districts

Current Facility Upgrades Needed

- ⇒ **Code Compliant** Fire Alarm & Suppression systems
- ⇒ Upgrade **inefficient Electrical** & Lighting Systems
- ⇒ Replace **inadequate HVAC** System
- ⇒ Upgrade **Safety & Security** systems
- ⇒ Replace **end of life** Windows & Flooring
- ⇒ Address interior & exterior **ADA issues**

March 2022 Annual Meeting Result:
Ag Renovation/WCTE Warrant Article missed the 3/5 requirement by
ONLY 6 VOTES

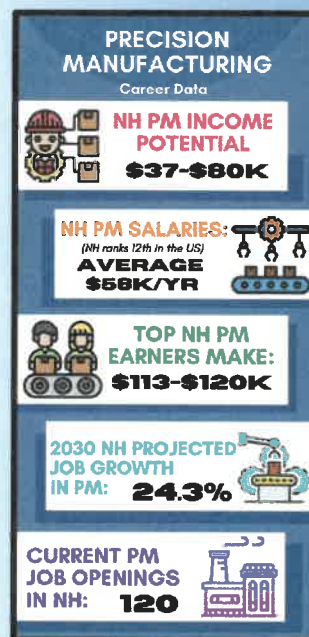
Future: Ag Center Renovation/ WCTE Center Project

Total Project Cost: **\$10,953,300**

State Requested Funds: **\$7,649,663**

Local Funds: **\$3,303,638** to:

- Renovate 9,039 sq. ft. of current space
- Add 9,730 sq. ft. for **2 NEW PROGRAMS:**



The addition of these 2 programs:

- ◆ Increases our enrollment capacity by approximately 108 students
- ◆ Expands student *career pathways*
- ◆ Reduces or eliminates cost & duration of *post-secondary education*
- ◆ Increases *employment opportunities* with local/global companies like 3M, Eptam, Freudenberg, NH Ball Bearing, & STS Aerospace

2023 Annual District Meeting:
March 25th @ 9am—WRHS Gymnasium
#WeBELIEVEinCTE