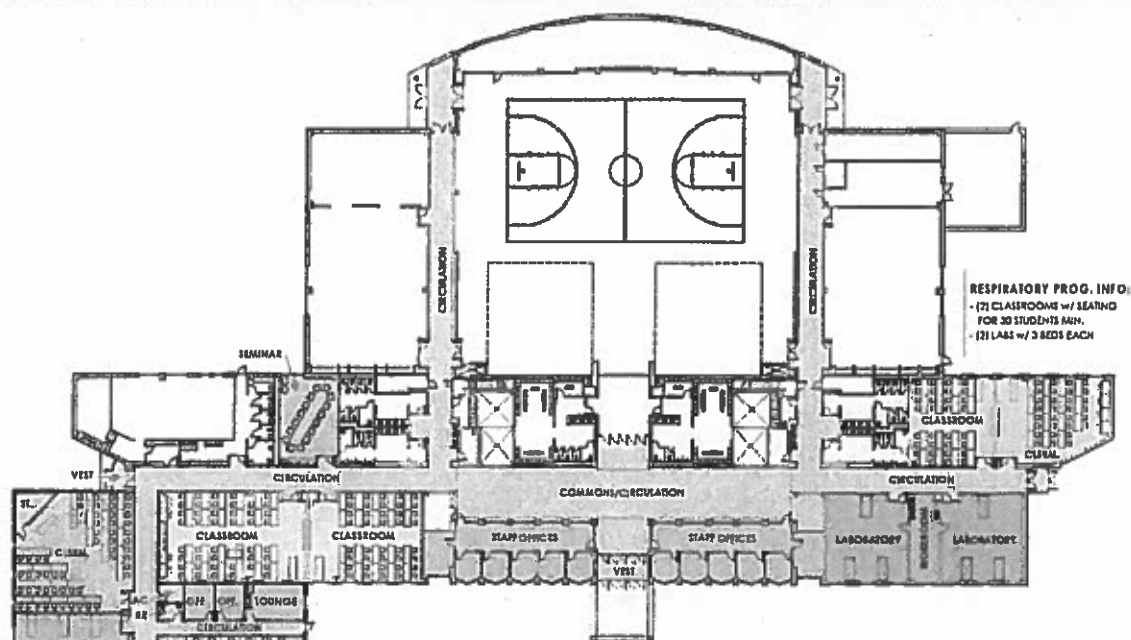
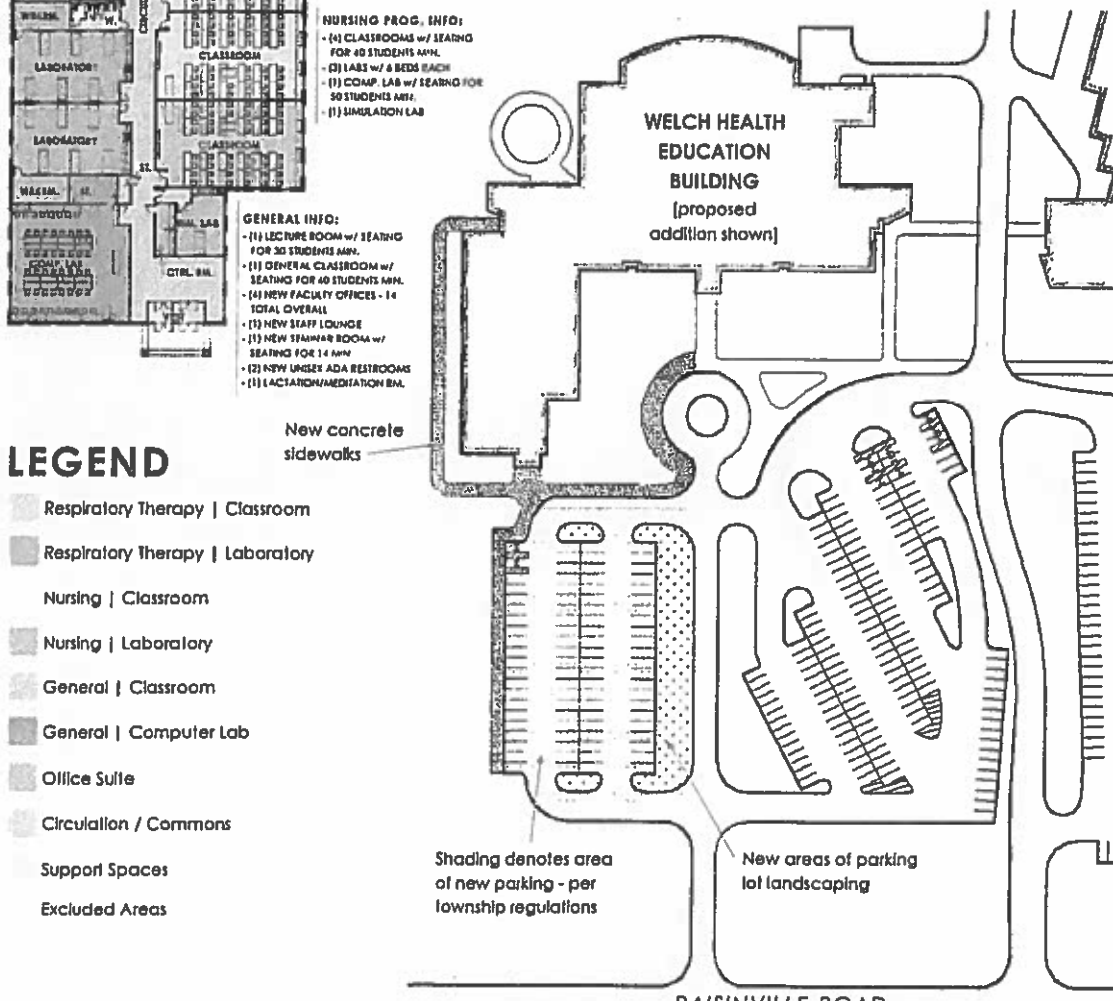


Health Education Building | Renovations & Addition



RESPIRATORY PROG. INFO:
 - (2) CLASSROOMS w/ SEATING FOR 30 STUDENTS MIN.
 - (2) LABS w/ 3 BEDS EACH

PROPOSED OVERALL FLOOR PLAN



NURSING PROG. INFO:
 - (4) CLASSROOMS w/ SEATING FOR 40 STUDENTS MIN.
 - (2) LABS w/ 6 BEDS EACH
 - (1) COMP. LAB w/ SEATING FOR 30 STUDENTS MIN.
 - (1) SIMULATION LAB

GENERAL INFO:
 - (1) LECTURE ROOM w/ SEATING FOR 30 STUDENTS MIN.
 - (1) GENERAL CLASSROOM w/ SEATING FOR 40 STUDENTS MIN.
 - (4) NEW FACULTY OFFICES - 14 TOTAL OVERALL
 - (1) NEW STAFF LOUNGE
 - (1) NEW SEMINAR ROOM w/ SEATING FOR 14 MIN.
 - (2) NEW UNISEX ADA RESTROOMS
 - (1) LACTATION/MEDITATION RM.

LEGEND

- Respiratory Therapy | Classroom
- Respiratory Therapy | Laboratory
- Nursing | Classroom
- Nursing | Laboratory
- General | Classroom
- General | Computer Lab
- Office Suite
- Circulation / Commons
- Support Spaces
- Excluded Areas

New concrete sidewalks

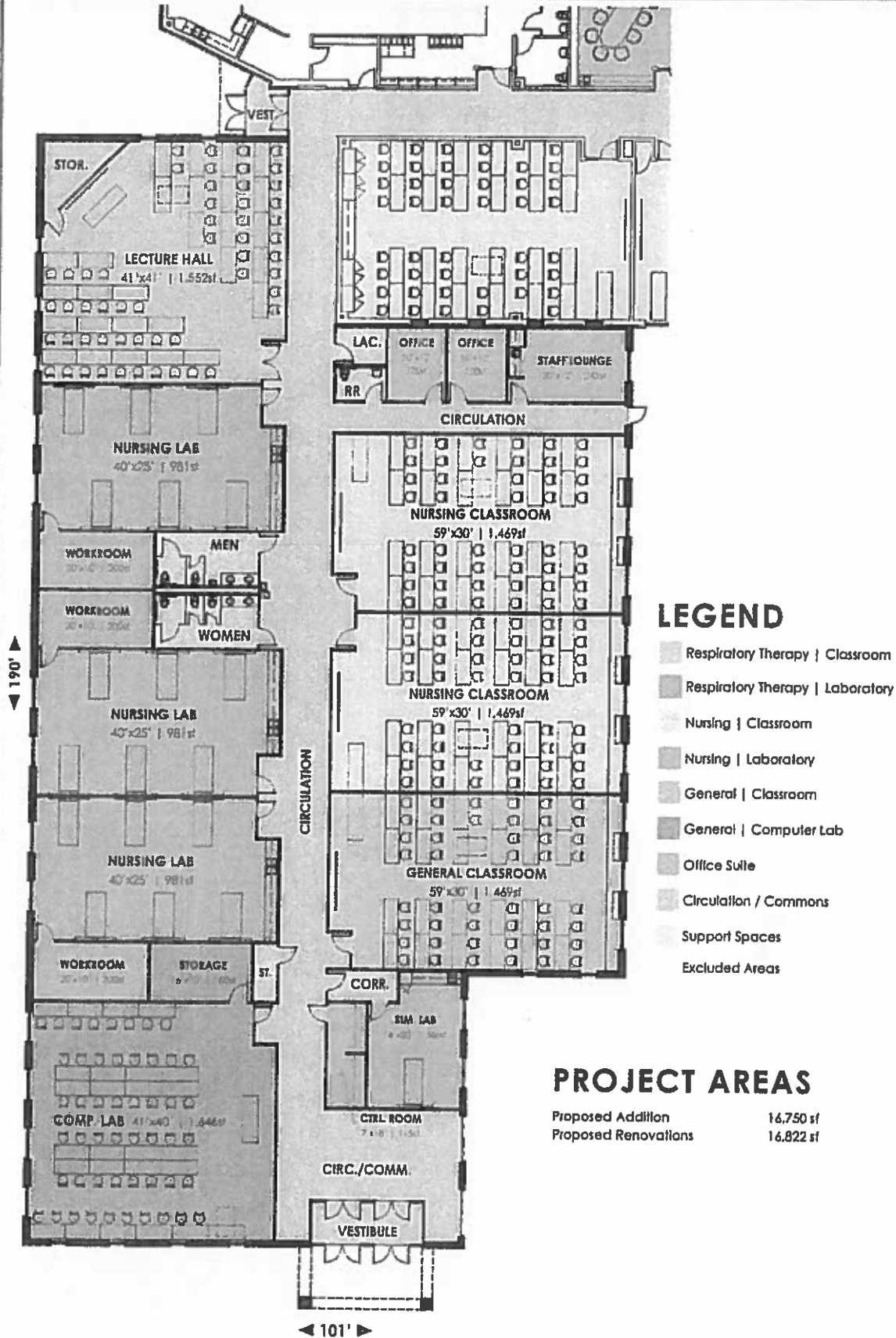
Shading denotes area of new parking - per township regulations

New areas of parking lot landscaping

RAISINVILLE ROAD

PROPOSED PARTIAL SITE PLAN

Health Education Building | Renovations & Addition



ENLARGED ADDITION FLOOR PLAN

FY 2020 CAPITAL OUTLAY PROJECT REQUEST

RENOVATION AND ADDITION TO THE WELCH HEALTH EDUCATION BUILDING

Approximate Square Footage: 33,572 (Renovation 16,822 sf; Addition 16,750 sf)

Total Estimated Cost: \$7,262,000 (Local Match: \$3,631,000)

- Monroe County Community currently has the funds available to match the State share
- The voters of Monroe County approved local funding in November 2016 for maintenance and renovation projects planned at the College. Renovation to the Health Education Building in support of the Health Sciences programs was clearly articulated in the request to the voters.

Program Focus: Health Sciences

Student Profile: Winter 2019 Race/Ethnicity (Health Sciences)

Program	% White	% Two or More	% Hispanic	% Black	% Asian	% Alaska Native	% Unknown
Registered Nursing	75.91%	1.46%	5.11%	8.03%	1.46%	0.73%	7.30%
Practical Nursing	72.73%		4.55%	22.73%			
Respiratory Therapy	89.13%						10.87%

****Overall Winter 2019 MCCC Race/Ethnicity:**

American/Alaska Native: 0.42%

Asian: 0.77%

Black: 3.52%

Hawaiian Pacific Islander: 0.10%

Hispanic: 4.01%

Non-Resident Alien: 0.10%

Two or More Races: 1.08%

Unknown: 6.07%

White: 83.93%

Winter 2019 Average Age (Health Sciences)

Registered Nursing: 29 years

Practical Nursing: 35 years

Respiratory Therapy: 25 years

****Overall Winter 2019 MCCC Average Age: 23 years**

Winter 2019 Residence Status (Health Sciences)

Program	% In County	% Out of County	% Out of State
Registered Nursing	74.45%	24.82%	0.73%
Practical Nursing	68.18%	31.82%	
Respiratory Therapy	76.09%	21.74%	2.17%

****Overall Winter 2019 MCCC Residence Status**

In county: 86.16%

Out of county: 11.85%

Out of State: 1.92%

No Record: 0.07%

Purpose and Scope

The purpose of the renovation and addition to the Welch Health Education Building is to **add needed classroom and laboratory spaces in support of the College's Registered Nursing, Practical Nursing, Certified Nursing Assistant (CNA), and Respiratory Therapy Programs.** In addition, the project will add needed classroom and laboratory space for other health-related courses and programs including Phlebotomy Technician and health and physical education courses.

The College plans to **renovate existing classrooms and laboratories (16,822 sf) as well as add a 16,750 square foot addition to the building.** The project includes parking and site improvements that will add 86 parking spaces (including two ADA compliant spaces) and window and doorframe replacements and the installation of a rain screen system to address building envelope issues.

The **renovated space** will include:

- **Renovation of the existing Respiratory Therapy Skills Lab and converting the existing Respiratory Therapy classroom into a second skills lab bringing the total number of teaching/student stations to six (6).**

- **Renovation of two existing classrooms/labs** into technology-rich classrooms with seating for 30 students that will support the **Respiratory Therapy Program** students.
- **Renovation of the existing Nursing classroom and Skills Lab** into two technology-rich classrooms with seating for 40 students and **renovation of the AV Learning Lab** into a seminar room that will seat 16.
- **Renovation to the staff office suites** to add a second entrance/exit in keeping with best practice workplace security plans and adding two faculty offices.

The addition will include the following:

- **Two Nursing classrooms** with seating for 40 students
- **Three Skills Labs** equipped with six beds each (total of 18 teaching/student stations)
- **A Computer Lab** with seating for 50 students
- **A Simulation Lab and control room**
- **A lecture room** with seating for 30 students
- **A general classroom** with seating for 40 students
- **Two new faculty offices** and a staff lounge
- **Two new unisex ADA restrooms** and a **lactation/meditation room**

Program Focus

The program focus for students in health sciences is **Registered Nursing, Practical Nursing, Certified Nursing Assistant (CNA), Respiratory Therapy, Phlebotomy Technician, Personal Trainer Certification**, and health, physical education, and dance students. Monroe County Community College offers an associate degree nursing program that was established in 1974 and is approved by the Michigan Board of Nursing and accredited by the Accreditation Commission for Education in Nursing (ACEN). **The Registered Nursing Program's NCLEX-RN pass rate in 2018 was 96 percent, exceeding the national average of 88 percent. The NCLEX-PN pass rate for 2018 was 100 percent, exceeding the national average of 86 percent.** The College's Respiratory Therapy Program is accredited by the Commission on Accreditation for Respiratory Care (CoARC). **The program's Registered Respiratory Therapy Credential pass rate for 2017 was 92 percent, exceeding the national average of 75 percent.**

The most in-demand technical skills among employers in the healthcare profession in Michigan were reported as the following in order: Nursing skills, basic life support skills, health sciences skills, nursing care skills, and intensive care unit skills. Most of these skills are core competencies within programs offered and supported out of the Health Education Building at the Monroe County Community College.

**Most Recent MCCC, Michigan and National Pass Rate Data for
Key Health Sciences Licensures**

Licensure Type	MCCC Pass Rate	MI Pass Rate	National Pass Rate
Registered Nurse	96%	88%	88%
Practical Nurse	100%	87%	86%
Nursing Assistant/Aide	82%	N/A	N/A
Phlebotomy Technician	100%	N/A	N/A
Certified Respiratory Therapist	95%	96%	93%
Registered Respiratory Therapist	92%	85%	75%

Job Placement Rates

Employment opportunities in healthcare professions continue to increase in Michigan. The most recent workforce data reports that registered nursing (RN) as being the most commonly posted job in 2018 within the health care industry, followed by nursing assistants. Licensed practical nursing (LPN) is also high on the list. Monroe County Community College offers all of these programs with outstanding pass rates on licensure exams and 100 percent placement rates. Wage ranges for entry-level registered nurses in Michigan is \$24.14 to \$28.10 per hour, with median hourly wages at \$32.81. Entry-level hourly wage ranges for licensed practical nurses in Michigan are \$16.58 to \$19.84, with median hourly wages at \$22.75.

The median hourly wage of respiratory therapists in Michigan is \$26.92, with mean hourly wage at \$26.84. This is another high-wage healthcare profession for graduates from occupational programs offered and supported out of the Health Education Building at the Monroe County Community College.

**Most Recent MCCC, Michigan and National Job Placement Rate Data for
Key Health Sciences Licensures**

Licensure Type	MCCC Job Placement	MI Job Placement	National Job Placement
Registered Nurse	100%	N/A	89%
Practical Nurse	100%	N/A	87%
Respiratory Therapist (both licensure types)	100%	91%	86%

Workforce Development – Enhancing the Region's Economic Stability

As the only higher education entity in Monroe County, MCCC plays a key role in the region's economic development. The college remains committed to providing comprehensive educational opportunities, offering transformational learning through educational excellence, and delivering entrepreneurial and responsive leadership to address community needs. **Our community's ability to attract new investment and jobs, as well as retain existing employers, is dependent upon developing new pathways to certificate and degree credentials that align with emerging business and industry needs.** This renovation and addition project is necessary to deliver the elemental instruction in the classrooms and labs essential to meet this need.

The health care workforce has become one of the cornerstones of Michigan's economy and it is imperative that community colleges continue to provide the pipeline of new entrants into the health care workforce. The return on investment in the healthcare workforce is significant and immediate. The Michigan Bureau of Labor Market Information and Strategic Initiatives projected that the health care cluster would expand by 18 percent by 2018 with widespread growth throughout the occupations reporting in this cluster. The current Michigan's HOT 50 jobs listing includes Registered Nurses with an anticipated 13.5 percent 10-year (2016-2026) job growth rate with hourly wages in the range of \$28-\$38 per hour. To meet the employment needs of the health care industry, the Bureau cautions that the anticipated growth in health care employment will not come to fruition unless the workforce is adequately trained. (Health Care Cluster Workforce Analysis, 2013) **This project expands and enhances the teaching and learning facilities at Monroe County Community College assisting us in educating the health care workers of the future.**