

JACKSON COLLEGE



FISCAL YEAR 2018
FIVE-YEAR MASTER PLAN

October 2017

JACKSON COLLEGE

5-Year Master Plan

FISCAL YEAR 2018

Addendum: October, 2017

Executive Summary

Section 1- Mission Statement -Strategic Plan

Jackson College 5-Year Master Plan attempts to follow the format required by the Office of the State Budget. The College's plan revolves around the "Strategic Action Plan" adopted by the Jackson College Board of Trustees. This Strategic Plan is included in **Section 1**. Our Mission Statement is included in this document.

Section 2- Instructional Programming

Section 2 is the College's program offerings. All programs, degrees offered, and requirements are included in the Academic Catalog. You can follow this link to an electronic copy of the catalog: <http://www.jccmi.edu/studentservices/catalog/>

Section 3- Staffing and Enrollment

Staffing ratios and enrollment by discipline analysis, as developed by our Intuition Research Department is included in **Section 3** and is used to assist in determining the demand over the last few years. Of course, employer's demand for positions, such as nurses, is also taken into consideration.

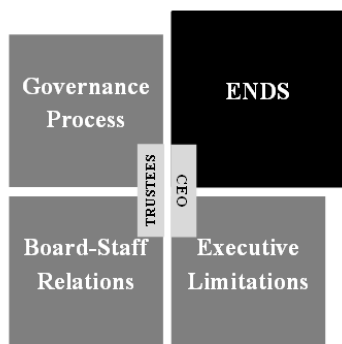
Section 4-Master Plan

The college has entered into a vast remodeling and expansion of the buildings. The Potter Center is in need roof work. Each time a building project is selected, that building is completely analyzed by architects and engineers to determine what major maintenance needs to be done while updates of expansions are completed. As a result, the College has addressed many of its deferred maintenance goals. The current 5-year plan is included in the **Facilities Assessment** part of this section. This is based on available funds and is constructed to be our implementation plan. As additional funds are made available, those items identified in the master plan will be included on a need basis.

Section 1-Mission Statement and Strategic Plan



Policy Governance Domains



Board Policy

Policy Type:	ENDS
Policy Title:	Mission Documents
Policy Number:	0302
Date Adopted:	11/1/1994
Version:	6
Review Cycle:	Annually
Date Last Reviewed:	5/8/2017
Office Responsible:	President
Reviewing Committee:	Board of Trustees
Related Policies:	
Related Laws:	

Policy Summary: Mission Documents

Jackson College clearly articulates its mission through various public documents, including statements of mission, purpose, values and beliefs. These mission documents are regularly evaluated for currency and relevance, and they explain the extent of the College's emphasis on the various aspects of its mission, such as instruction, student success, scholarship, clinical service, public service, economic development, and cultural purpose. These documents also identify the nature, scope, and intended constituents of the higher education programs and services the College provides.

Mission

-Together we inspire and transform lives.

Vision

Jackson College is a world-class institution of higher learning where learners succeed and community needs are met.

Statement of Beliefs

As employees of Jackson College, an innovative institution totally committed to student success (TCS²) we believe:

- The success of our students is always our first priority;
- We must perform our jobs admirably, giving our best service and support every day, for everyone;
- Teamwork is founded upon people bringing different gifts and perspectives;
- We provide educational opportunities for those who might otherwise not have them;
- In providing employees with a safe and fulfilling work environment, as well as an opportunity to grow and learn;
- Our progress must be validated by setting goals and measuring our achievements;

- We must make decisions that are best for the institution as a whole;
- Building and maintaining trusting relationships with each other is essential;
- Competence and innovation are essential means of sustaining our values in a competitive marketplace;
- We make a positive difference in the lives of our students, our employees, and our communities;
- In the principles of integrity, opportunity and fairness;
- We must prepare our students to be successful in a global environment; and
- Our work matters.

Values

Integrity: We demonstrate integrity through professional, ethical, transparent, and consistent behavior in both our decision-making and in our treatment of others; being accountable for our work and actions is the basis of trust.

Caring: We demonstrate caring through attentive and responsive action to the needs of students and others. We listen with open minds, speak kindly, and foster relationships based on mutual respect and trust. **COLLABORATION-** We demonstrate collaboration through the mutual commitment of individuals and organizations who come together for a common cause, encouraging self-reflection, teamwork, and respect for ourselves and others.

Quality: We demonstrate quality through innovation in the continuous improvement of all processes and services, encouraging students and others to become creative thinkers.

Inclusion: We demonstrate inclusion by seeking involvement and providing access for those with diverse backgrounds to work toward a culture of equality while maintaining differences in a respectful way.

Service: We demonstrate service by striving to make the communities we serve great places to live, work, and learn through our involvement, both as an organization and as individuals.

Leadership: We demonstrate leadership by nurturing the full development of those we serve, identifying and empowering individuals' greatest strengths.

Strategic Plan

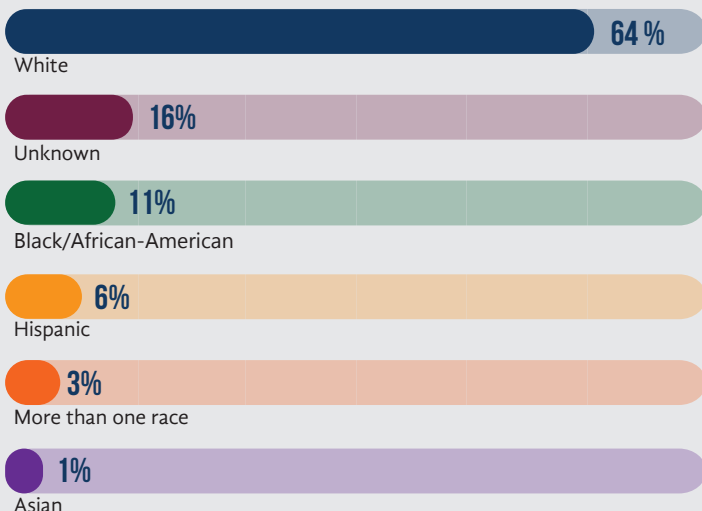
The Link below will take you to the most up to date strategic plan information for Jackson College.

<https://www.jccmi.edu/institutional-research/strategic-planning/>

Section 2-Instructional Programming

HEADCOUNT

7,537 TOTAL HEADCOUNT: 41% Full Time
59% Part Time



ABOUT JACKSON COLLEGE

Jackson College was founded as Jackson Junior College in 1928 and operated as a division of the Jackson Union School District, sharing lab and library facilities with the high school.

In 1962, Jackson County voters created Jackson Community College as a distinct entity; and in 1964, they passed a charter millage that still helps to fund the College today. Rapid enrollment and program growth in the 1960s spurred the College to build a new campus on its present site located at 2111 Emmons Road, Jackson, MI.

Today, the College's Central Campus is more than 500 acres and sits on a scenic rural site six miles south of the city of Jackson. Jackson College also operates Jackson College @ LISD TECH in Adrian, the Clyde E. LeTarte Center, Hillsdale and W. J. Maher Campus in Jackson. In June 2013, in light of the College's decision to begin development of curriculum for two new bachelor degree programs and increased efforts in international studies, the board of trustees voted to change the name to Jackson College.

STUDENT TO FACULTY

STUDENT TO FACULTY RATIO

14 / 1



FINANCIAL AID

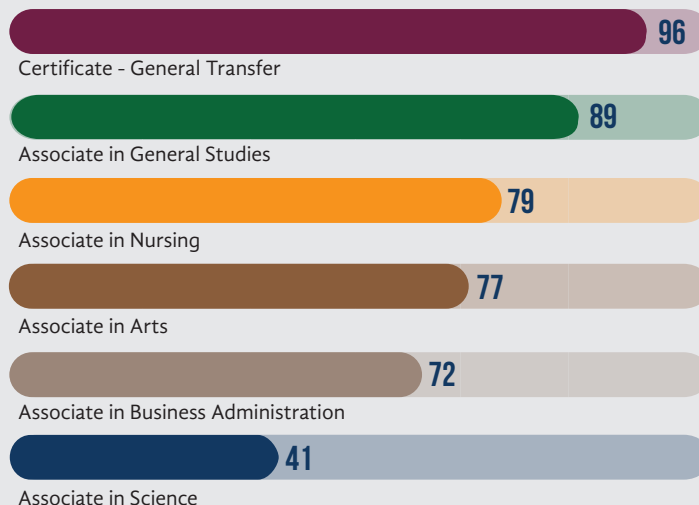
86 percent of students receive some type of financial aid.



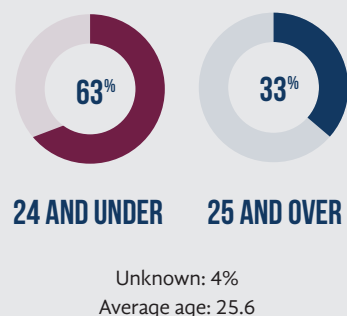
GRADUATES

TOTAL GRADUATES IN FISCAL YEAR 2016: 478 Associate Degrees
293 Undergraduate Certificates

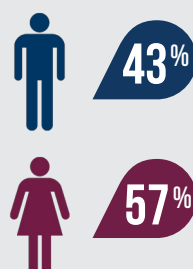
TOP 5 AWARDS CONFERRED:



AGE DEMOGRAPHIC



ENROLLMENT



PROGRAMS OF STUDY

BACHELOR DEGREE PROGRAM:

Energy Systems Management
Culinary Management
and Hospitality

ASSOCIATE DEGREE PROGRAMS:

3D Design and Animation
Accounting
Administrative Assistant
Advanced Manufacturing
Agriculture
Allied Health General Studies
Automotive Service Technology
Aviation Flight Technology
Business Administration
Cardiac Sonography*
Computer Programming Specialist
Computer Support Specialist
Corrections
Culinary Arts &
Hospitality Management
Cyber Security
Electrician
Electronic Technology/ELT
Electronic Technology/Microcomputer
Emergency Medical Technology
Energy Systems Technology
Entrepreneurship
Environmental Science
Executive Assistant
General Sonography*
Graphic Design
Health Administration/
Insurance Specialist
Law Enforcement
Medical Assistant
Networking Specialist
Nursing*
Nursing LPN to ADN*
Occupational Studies
Pharmacy Technician
Radiography*
Respiratory Care*
Sports Management
Vascular Sonography*

TRANSFER PROGRAMS

TRANSFER PROGRAMS:

Art
Biology
Criminal Justice
Dance
English
General Transfer
History
Mathematics
Medical Laboratory Technology
Medical Sciences
• Pre-Medicine
• Pre-Dental
• Pre-Pharmacy
Military Science
Music
Physical Therapy
Pre-Architecture
Pre-Dental
Pre-Law
Pre-Medicine
Pre-Veterinary
Psychology
Social Work
Theatre

Many transfer options exist for students seeking a bachelor's degree.

CERTIFICATES

CERTIFICATES:

Accounting
Advanced Manufacturing
• Industrial Systems
• Manufacturing Design
• Welding
Automotive Service Technology
Business Administration
Computer Programming Specialist
Computer Support Specialist
Corrections
Culinary Arts
Digital Photography
Electrician
Electronic Technology/ELT
Electronic Technology/
Microcomputer
Entrepreneurship
Environmental Science
Fundamentals of Engineering
General Education
General Transfer
Graphic Design
Law Enforcement
Management
Marketing
Medical Assistant
Medical Insurance Coder/Biller
Microsoft® Office® Specialist
Networking Specialist
Nursing - Practical Nursing
Pre-Professional Science
Studio Art
Vascular Sonography
Video Production
Web Technology:
eCommerce - Consultant

* indicates second admit program



Central Campus
2111 Emmons Road
Jackson, MI 49201
517.787.0800



Clyde LeTarte Center
3120 W. Carleton Road
Hillsdale, MI 49242
517.437.3343



W.J. Maher Campus
3000 Blake Road
Jackson, MI 49201
517.768.7097



**Jackson College
Flight Center**
Reynolds Airport
3610 Wildwood Avenue
Jackson, MI 49201
517.787.7012



**Jackson College @
LISD TECH**
1376 Main Street
Adrian, MI 49221
517.265.5515

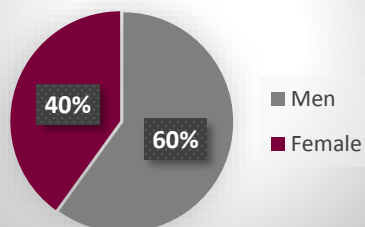
Section 3-Staffing and Enrollment

Fall Employee Profile - 2016

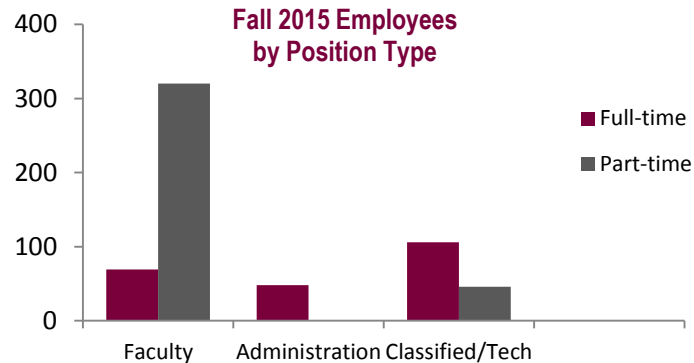
Source: IPEDS Human Resources 2016 (as of November 1, 2016)

Total Employees 588

Fall 2014 Employees by Gender



Fall 2015 Employees by Position Type



Position Type

	Faculty	Administration	Classified/Tech
FT	69	48	106
PT	320	0	46

Gender

Male	Female
233	346

Race/Ethnicity

American Indian	Asian	Black/African Am	Hispanic	Two or More Races	White	Unknown	Native Hawaiian or Other Pacific Islander
6	2	21	7	25	407	125	0

Jackson College
Employee to Student Ratios
Fiscal Year 2017

Annual FTE Students		4521		
<u>Employee Classification</u>	<u>FT Employee Count</u>	<u>FT Employee/Student Ratio</u>	<u>PT Employee Count</u>	<u>PT Employee/Student Ratio</u>
Administrators	48	1 to 94	0	N/A
Staff	106	1 to 43	46	1 to 98
Faculty	69	1 to 66	320	1 to 14

Billing Contact Hours (BCH) by Discipline Trends

Operational Definition: The total number of billing contact hours generated in an academic year by discipline.

Source: Colleague Query; Courses Taken and Demographics End of Semester Frozen Files



Discipline		2012-13	2013-14	2014-15	2015-16	2016-17
ACC	Accounting	2259	1979	1588	1954	1760
AFT	Aviation Flight Technology	292	255	174	73	65
AGT	Agriculture Technology					43
ALT	Alternative Energy	168	51	51	78	57
ANT	Anthropology	306	375	90	324	459
ART	Art	3593	3243	3009	2930	3093
AUT	Automotive	1831	1487	1205	1151	812
BIO	Biology	8442	8808	7771	9561	8843
BUA	Business	5905	4791	4294	4594	5607
CCT	Climate Control Technology	33	19			
CEM	Chemistry	3887	2598	2045	2081	1969
CIS	Computer Information Systems	6336	5481.5	4309	4858.5	4131
CNS	Computer Networking & Security	1056	871	865	977	1358
COM	Communication	4542	4115	4090	4491	4716
CPS	Computer Science	70	90	60	72	54
CRJ	Criminal Justice	2478	2088	2181	1695	1515
CUL	Culinary Arts	1032	980	967	586.5	350
DAN	Dance	24	87	33	63	18
DMS	Diagnostic Medical Sonography	4595	4505	3996	3566	3819
ECM	E-Commerce	22	--			
ECN	Economics	1713	1542	1497	1419	1419
EDU	Education	285	--		8	
EGY	Energy Technology			156	137	94
ELI	English Language Institute					352
ELT	Electronic Technology	904	760	556	705	956
EMS	Emergency Medical Services	905	1192.75	1170	1009	740
ENG	English	16314	14893	12493	14694	14218
ENT	Entrepreneurship	323	378	549	609	726
FRN	French	104	108	--		
FYS	First Year Seminar	1821	2926	2190	2949	470
GEL	Geology	1615	1370	1685	1505	1230
GEO	Geography	444	450	342	387	300
GER	German	112	84	44		
HIS	History	2264	2135	1803	1878	2186
HOC	Health Occupations	1944	1734	1614	1562	1458
HPF	Health & Physical Fitness	2876	2227	1860	2204	1442
HUM	Humanities	909	885	1182	1389	2370
LPN	Licensed Practical Nursing	2982	2538.6	2125	2317.25	1790
MAT	Mathematics	22128	20837	17163	18142	18170
MFG	Manufacturing Technology	--	51	454	641	664
MIC	Medical Insurance Coder/Biller	250	97	120	147	246
MOA	Medical Assistant	4385	3776	2734	1972	1808
MUS	Music	1871	1887	1899	2157	2243
NSC	Natural Science	1045	1130	1005	1210	1086
NUR	Nursing	7918	8325.9	7993	7360.05	6953
PHL	Philosophy	1053	1023	1143	1065	753
PHY	Physics	1228	934	1055	1103	1409
PLS	Political Science	810	909	558	636	570
PSY	Psychology	8139	6626	6591	7168	6518
RAD	Radiography	1138	1296	1356	1232.5	1196
RES	Respiratory Care	1075	721	595	1018	1107
SOC	Sociology	2484	2158	2184	2664	2529
SPN	Spanish	640	448	436	488	516
STM	Sustainable Technology & Management	156	90	57	132	102
THR	Theater	1028	473	--		
UAD	Unmanned Aerial systems					28
VID	Video Production	60	42	--		
WLD	Welding	236	280	368	508	456
WRL	World Language	60	32	6	46	38
Total	College-Wide	138,235.00	126,394.00	120,787.00	120,580.00	120,571.00

Section 4-Master Plan

- BW - BERT WALKER HALL**
FINE ARTS/LIBERAL ARTS/CENTER FOR STUDENT SUCCESS/ADJUNCT FACULTY OFFICES/WALKER COMMONS
- CCC - CHILD CARE CENTER**
ABC ACADEMY
- CEC - COMMUNITY EVENTS CENTER**
RUNNING TRACK/FITNESS CENTER/RACQUETBALL
- CS - CAMPUS SERVICES**
FACILITIES/PRINT SHOP/SHIPPING RECEIVING
- CV - CAMPUS VIEW**
STUDENT RESIDENCE
- FH - VICTOR CUISS FIELDHOUSE**
- GP - GEORGE POTTER CENTER**
PERFORMING ARTS/ADMINISTRATION/ADMISSIONS/DINING
- HLC - HEALTH LABORATORY CENTER**
- JM - JAMES MCDIVITT HALL**
SCIENCE LABS/GENERAL CLASSROOMS/MCDIVITT COMMONS
- JPEC - JACKSON PREPARATORY EARLY COLLEGE**
- JW - JUSTIN WHITING HALL**
RAWAL CENTER FOR HEALTH PROFESSIONS/GENERAL CLASSROOMS
- JWA - JUSTIN WHITING ANNEX**
AUTO TECHNOLOGY/AUTO BODY/DIESEL
- STF - SPORTS TRAINING FACILITY**
SPORTS TRAINING/RESTROOMS/CONCESSIONS
- WA - WILLIAM ATKINSON HALL**
INFO COMMONS/STUDENT CENTER/BOOKSTORE/INTERNET CAFE



NO SCALE

JACKSON COLLEGE MASTER PLAN



Jackson College									
Facilities Assessment									
October 2017									
BUILDING	Site	Location	Constructed	Gross Sq. Ft	Net Assign	Ratio	Utilization	Replacement Value	Projects
Bert H Walker Hall SBA Building	A	Central Campus	1972	56,820	47,946	84.4%	51.0%	\$7,000,000	Maintenance only
Campus Service Building	B	Central Campus	1969	17,135	10,236	59.7%	90.0%	\$2,000,000	Maintenance only
George Potter Center	C	Central Campus	1976	147,372	141,929	96.3%	70.0%	\$25,000,000	Maintenance only
James A McDivitt Hall	D	Central Campus	1969	76,973	62,825	81.6%	48.0%	\$19,000,000	Maintenance only
Justin R Whiting Hall	E	Central Campus	1967	81,266	78,418	96.5%	44.0%	\$18,000,000	Maintenance only
Justin R Whiting Hall Annex	F	Central Campus	1968	13,401	12,853	95.9%	53.0%	\$3,000,000	Maintenance only
Victor Cuiss Fieldhouse	H	Central Campus	1971	55,952	49,576	88.6%	20.0%	\$6,000,000	Maintenance only
Community Events Center	I	Central Campus	1977	14,300	13,500	94.4%	90.0%	\$2,000,000	Maintenance only
Dahlem Environmental Education Center	J	Central Campus	1975	3,005	2,850	94.8%	90.0%	\$350,000	Maintenance only
William Atkinson Hall SBA Building	K	Central Campus	2007	56,950	37,120	65.0%	61.0%	\$16,000,000	Maintenance only
Campus View Apartments	L	Central Campus	2008	42,500	38,000	89.4%	95.0%	\$7,800,000	Maintenance only
Campus View Apart. II	M	Central Campus	2010	44,000	39,000	88.6%	95.0%	\$8,200,000	Maintenance only
Health Learning Center	N	Central Campus	2011	42,390	25,060	59.1%	Fall 2011	\$13,000,000	Maintenance only
Parking Lots		Central Campus	Various	14.36 acres	1,841 spaces				Maintenance only
Central Electric Distrubrion		Central Campus	Various						Maintenance only
JCC at Lenawee VoTech SBA Building	O	Adrian	2003	26,000	24,000	92.3%	70.0%	\$3,500,000	Maintenance only
Parking Lots		Adrian	2003						Maintenance only
Central Electric Distrubrion		Adrian	2003						Maintenance only
Clyde LeTarte Center	R	Hillsdale	Unknown	10,640	9,600	90.2%	80.0%	\$2,000,000	Maintenance only
Parking Lots		Hillsdale	Unknown						Maintenance only
Central Electric Distrubrion		Hillsdale	Unknown						Maintenance only
Jackson Flight Center	T	Jackson Airport	Unknown	5,175	4,700	90.8%	25.0%	\$300,000	Maintenance only
North Campus	U	Jackson North	1980	42,335	40,000	94.5%	75.0%	\$5,000,000	2/3 currently used 1/3 unoccupied Maintenance only
Campus View Apart III	V	Central Campus	2015	69,500	50,600	72.8%	95.0%	\$10,000,000	Owned by Jackson College Dormitories, Inc.

**Jackson College
Facilities Plan**

Building	Projects	A	B	C	D	
		State Funds	Major Maintenance Funds	Future Operations Funds	Two Months Operating Expense	
	6/30/2016 General Fund			\$ 701,068		
	6/30/2016 Designated Fund			\$ 8,000,000		
	10/17/2017 Building & Site Fund		\$1,223,924	\$ -		
1/31/2017		\$0.00	\$1,223,924	\$ 8,701,068		
FY 17-18						
Central Campus	Courtyard Improvements		\$ (250,000)			
Central Campus	Jets Beltway Project		\$ (900,000)			
	Planned 06/30/2018 Transfer		\$ -			
Balance 6/30/2018		\$ -	\$ 73,924	\$ 8,701,068		\$ 7,691,043
FY 18-19						
Central Campus	Courtyard Improvements		\$ (1,000,000)			
Central Campus	West Beltway Curb, Gutter, Lighting		\$ (250,000)			
Central Campus	Jets Fitness Trail		\$ (250,000)			
	Planned 06/30/2019 Transfer		\$ 500,000			
Balance 6/30/2019		\$ -	\$ (926,076)	\$ 8,701,068		\$ 8,000,000
FY 19-20						
Central Campus	Courtyard Improvements		\$ (1,000,000)			
	Planned 06/30/2020 Transfer		\$ 500,000			
Balance 6/30/2020		\$ -	\$ (1,426,076)	\$ 8,701,068		\$ 8,083,333
FY 20-21						
Central Campus	Health & Wellness Center	\$ 10,000,000	\$ (5,000,000)			
Central Campus	Health & Wellness Center	\$ (10,000,000)				
Central Campus	Court Yard Improvements		\$ (1,000,000)			
	Planned 06/30/2021 Transfer		\$ 1,250,000			
Balance 6/30/2021		\$ -	\$ (6,176,076)	\$ 8,701,068		\$ 8,166,667
FY 21-22						
Various	Parking lot Improvements		\$ (600,000)			
Potter Center	Roofs		\$ (750,000)			
Whiting Hall	SIM Lab Upgrades		\$ (750,000)			
	Planned 06/30/2022 Transfer		\$ 1,250,000			
Balance 6/30/2022		\$ -	\$ (7,026,076)	\$ 8,701,068		\$ 8,250,000

Jackson College

Average Class Size		Duplicated	
Year	Sections	Headcount	Average
2016-2017	2,236	33,058	14.8
2015-2016	2,518	37,044	14.7
2014-2015	2,283	36,197	15.9
2013-2014	2,883	38,188	13.2
2012-2013	2,559	41,826	16.3
2011-2012	2,850	47,799	16.8
2010-2011	3,053	56,055	18.4
2009-2010	3,072	58,410	19.0
2008-2009	2,900	48,197	16.6
2007-2008	2,791	43,500	15.6
2006-2007	2,514	39,959	15.9
2005-2006	2,356	36,640	15.6
2004-2005	2,309	36,960	16.0
2003-2004	2,226	36,030	16.2
2002-2003	3,054	38,956	12.8
2001-2002	3,149	37,326	11.9
2000-2001	3,306	36,153	10.9
1999-2000	3,689	36,920	10.0
1998-1999	3,795	41,555	10.9
1997-1998	3,900	44,186	11.3

Source :ACS6 worksheet



Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:44 pm

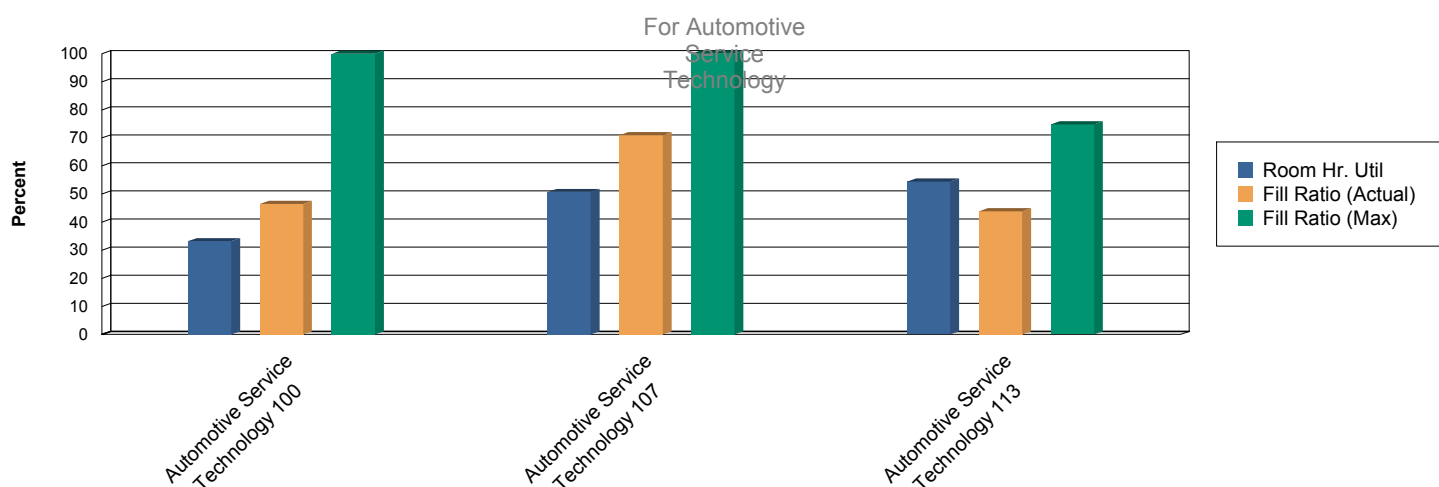
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
Central Campus -							
Automotive Service Technology							
100	CLASSROOM	21.60	33.23%	16.00	7.44 / 19.00	46.53%	118.75%
107	CLASSROOM	33.00	50.77%	20.00	14.20 / 20.36	71.00%	101.82%
113	GARAGE	35.40	54.46%	25.00	10.97 / 18.71	43.86%	74.85%
Automotive Service Technology(s)		90.00	46.15%	21.01	11.31 / 19.39	53.82%	92.29%



Bert Walker Hall							
205	CLASSROOM	91.17	140.26%	30.00	18.33 / 25.07	61.11%	83.57%
208	CLASSROOM	65.73	101.13%	32.00	13.78 / 22.17	43.05%	69.28%
209	CLASSROOM	59.10	90.92%	48.00	21.75 / 38.33	45.32%	79.86%
210	CLASSROOM	58.10	89.38%	32.00	12.21 / 23.71	38.16%	74.09%
216	CLASSROOM	72.87	112.10%	32.00	17.02 / 30.07	53.18%	93.98%



Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

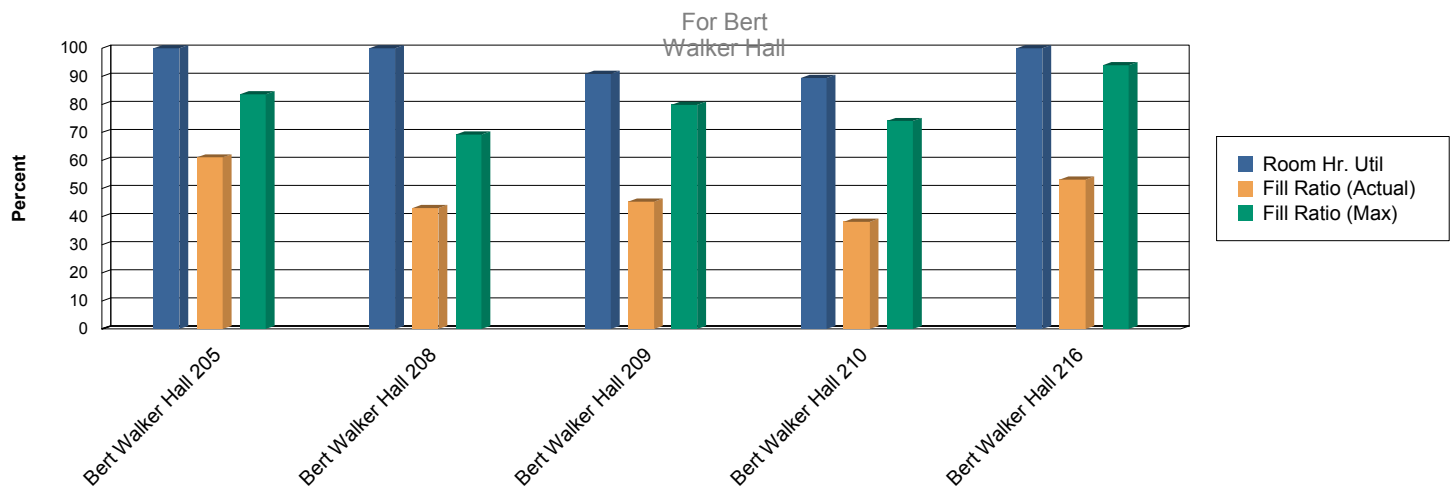
Term weeks: 15.00

Hours in Standard week: 65.00

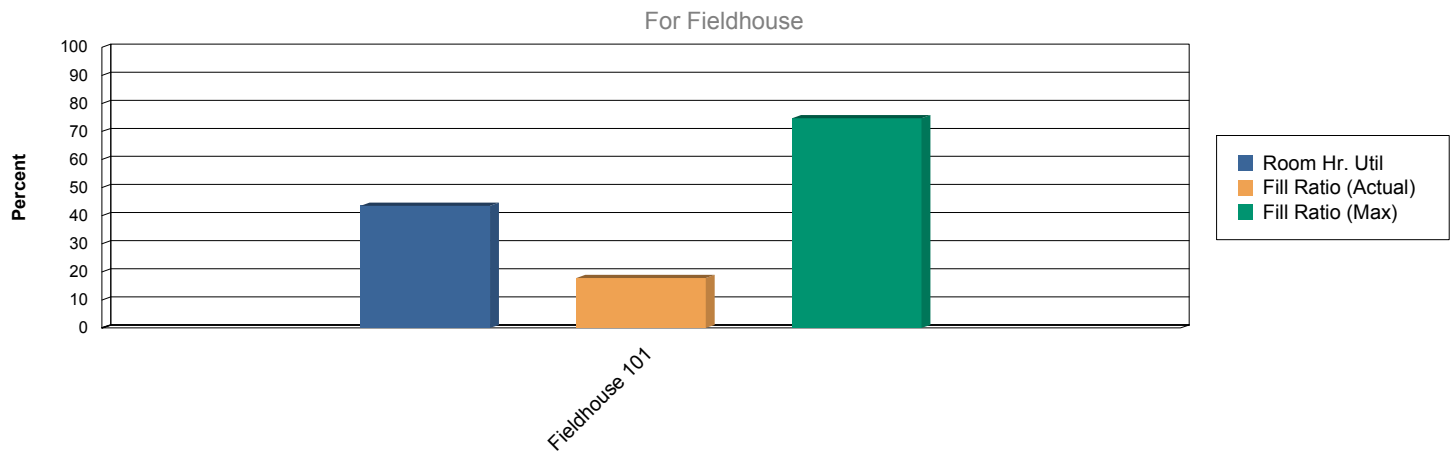
Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
Bert Walker Hall	5 room(s)	346.97	106.76%	34.20	16.75 / 27.60	48.98%	80.71%



Fieldhouse							
101	CLASSROOM	28.30	43.54%	24.00	4.27 / 17.93	17.81%	74.70%
Fieldhouse	1 room(s)	28.30	43.54%	24.00	4.27 / 17.93	17.81%	74.70%



George Potter Center							
108	CLASSROOM	40.20	61.85%	30.00	13.86 / 18.51	46.19%	61.69%



Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

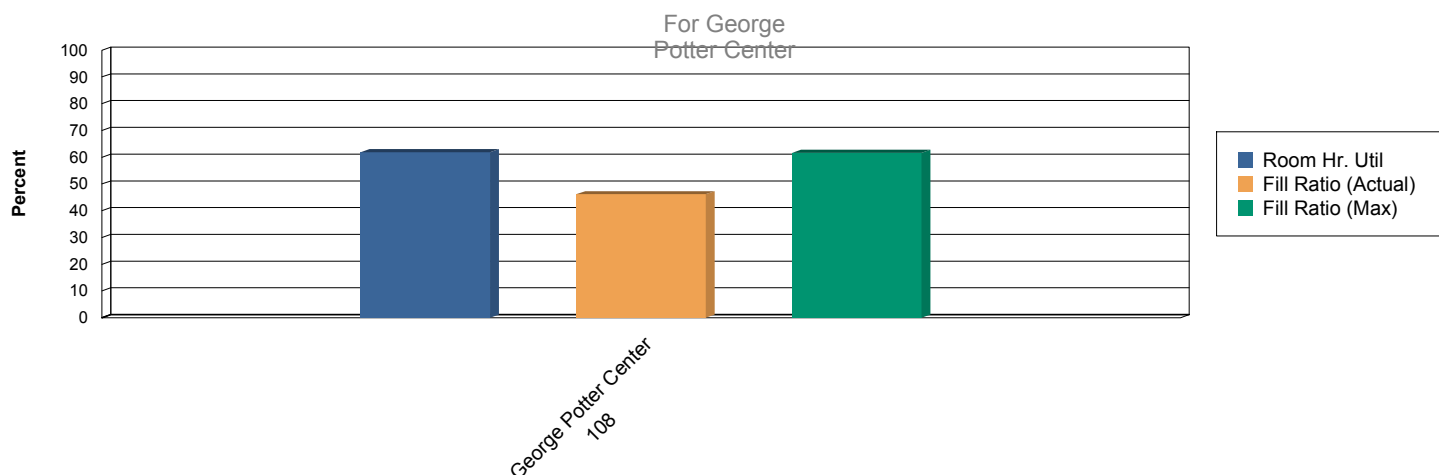
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

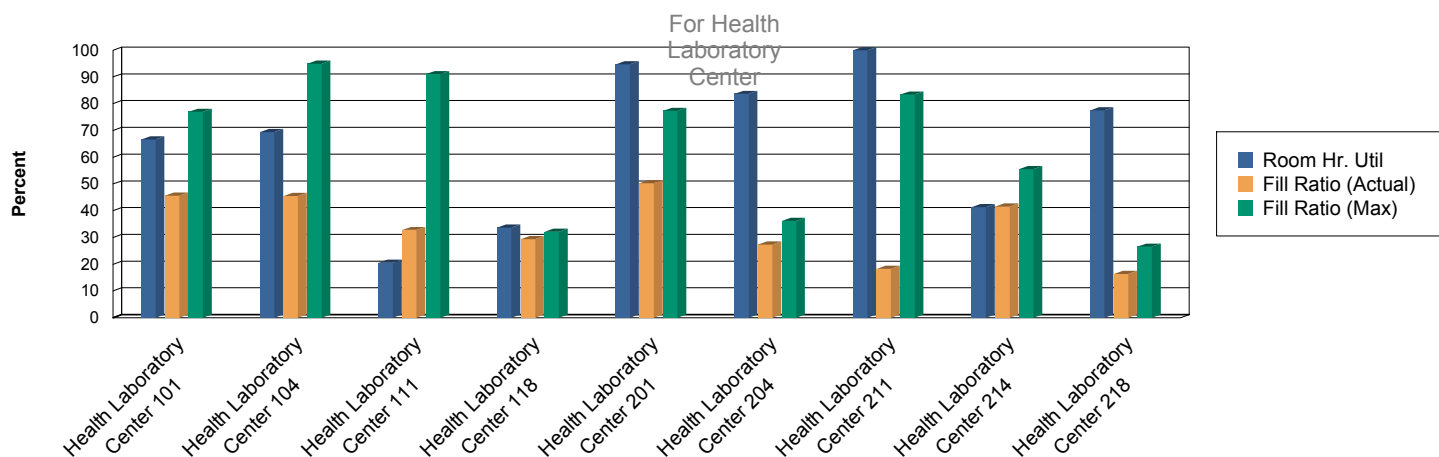
Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
George Potter Center	1 room(s)	40.20	61.85%	30.00	13.86 / 18.51	46.19%	61.69%



Health Laboratory Center

101	CLASSROOM	43.30	66.62%	40.00	18.27 / 30.80	45.68%	76.99%
104	CLASSROOM	45.13	69.44%	40.00	18.22 / 37.99	45.56%	94.98%
111	LAB - NURSING	13.33	20.51%	40.00	13.12 / 36.44	32.80%	91.10%
118	LAB - NURSING	21.90	33.69%	40.00	11.76 / 12.87	29.41%	32.18%
201	LAB - MOA	61.57	94.72%	24.00	12.08 / 18.56	50.31%	77.35%
204	LAB - RES	54.40	83.69%	40.00	10.96 / 14.47	27.40%	36.18%
211	LAB - EMS	68.33	105.13%	40.00	7.33 / 33.38	18.32%	83.45%
214	LAB - RAD	26.87	41.33%	45.00	18.71 / 25.00	41.59%	55.56%
218	LAB - DMS	50.40	77.54%	45.00	7.37 / 11.97	16.38%	26.60%
Health Laboratory Center	9 room(s)	385.23	65.85%	38.45	12.36 / 24.15	32.14%	62.81%





Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
James McDivitt Hall							
101	LAB - BOTANY	26.70	41.08%	24.00	13.37 / 24.00	55.73%	100.00%
104	LAB - BIOLOGY	45.80	70.46%	24.00	15.68 / 24.00	65.33%	100.00%
107	LAB - GEOLOGY	38.93	59.90%	24.00	17.01 / 24.00	70.89%	100.00%
115	CLASSROOM	58.20	89.54%	36.00	16.31 / 30.75	45.30%	85.41%
131	LAB - BIOLOGY	32.53	50.05%	24.00	16.96 / 24.00	70.66%	100.00%
133	LAB - BIOLOGY	34.27	52.72%	24.00	18.24 / 24.00	75.99%	100.00%
135	LAB - GENERAL SCIENCE	30.13	46.36%	24.00	19.05 / 24.00	79.38%	100.00%
141	CLASSROOM	58.53	90.05%	40.00	17.96 / 30.53	44.90%	76.32%
147	CLASSROOM	57.23	88.05%	36.00	11.07 / 21.00	30.75%	58.32%
151	CLASSROOM	29.03	44.67%	48.00	23.95 / 35.10	49.89%	73.13%
202	CLASSROOM	82.50	126.92%	40.00	14.81 / 36.05	37.03%	90.12%
203	LAB - PHYSICS	17.60	27.08%	24.00	25.08 / 40.45	104.51%	168.56%
207	LAB - PHYSICS	29.27	45.03%	24.00	18.26 / 32.53	76.09%	135.54%
209	CLASSROOM	47.07	72.41%	40.00	18.75 / 31.57	46.88%	78.93%
211	CLASSROOM	75.17	115.64%	32.00	16.02 / 35.62	50.08%	111.31%
216	LECTURE HALL	45.63	70.21%	96.00	28.95 / 37.74	30.16%	39.31%
217	LECTURE HALL	36.50	56.15%	96.00	28.95 / 42.70	30.15%	44.47%
218	LECTURE HALL	36.47	56.10%	96.00	26.61 / 34.15	27.72%	35.57%
219	LECTURE HALL	47.13	72.51%	96.00	25.23 / 35.21	26.28%	36.68%
231	LAB - CHEMISTRY	7.00	10.77%	24.00	7.57 / 24.00	31.55%	100.00%
233	LAB - CHEMISTRY	44.43	68.36%	24.00	17.60 / 24.00	73.32%	100.00%
235	LAB - CHEMISTRY	40.83	62.82%	24.00	12.90 / 20.00	53.77%	83.33%
241	CLASSROOM	65.27	100.41%	36.00	18.29 / 31.08	50.82%	86.34%
247	CLASSROOM	56.13	86.36%	40.00	20.44 / 31.00	51.10%	77.51%
248	CLASSROOM	67.13	103.28%	36.00	18.51 / 30.92	51.41%	85.88%
251	CLASSROOM	72.43	111.44%	40.00	18.82 / 30.38	47.04%	75.94%



Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

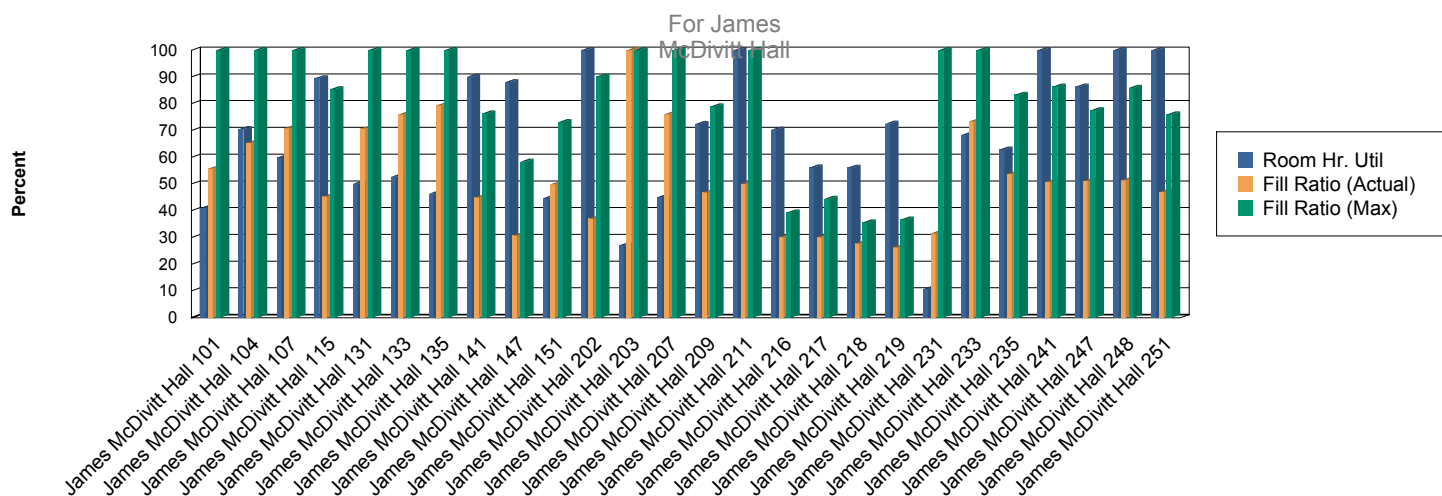
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

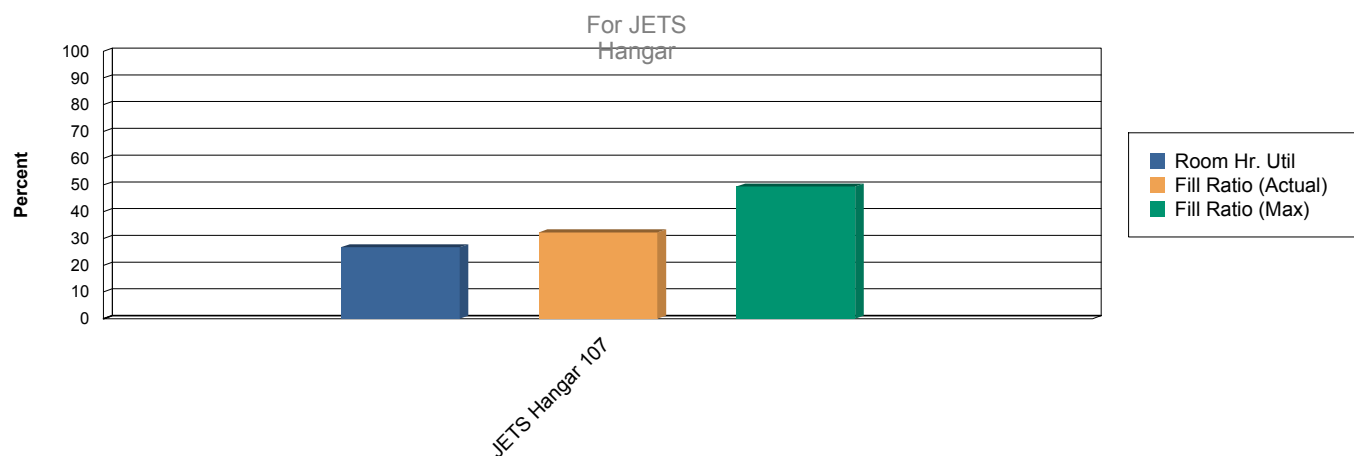
Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
James McDivitt Hall	26 room(s)	1,181.93	69.94%	42.00	18.57 / 30.36	44.22%	72.28%



JETS Hangar

107	CLASSROOM	17.37	26.72%	40.00	12.92 / 19.76	32.30%	49.41%
JETS Hangar	1 room(s)	17.37	26.72%	40.00	12.92 / 19.76	32.30%	49.41%



Justin Whiting Hall

101	LAB - COMPUTER	70.80	108.92%	32.00	11.64 / 22.04	36.36%	68.89%
102	LAB - COMPUTER	48.50	74.62%	32.00	8.38 / 17.05	26.18%	53.27%
103	CLASSROOM	4.00	6.15%	42.00	43.00 / 40.00	102.38%	95.24%
104	CLASSROOM	14.00	21.54%	38.00	9.14 / 24.00	24.06%	63.16%
110	CLASSROOM	30.07	46.26%	38.00	14.94 / 24.99	39.32%	65.76%
169	LAB - ELECTRONICS	24.93	38.36%	24.00	10.38 / 16.60	43.23%	69.16%
171	LAB	22.27	34.26%	24.00	10.16 / 25.78	42.32%	107.40%



Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

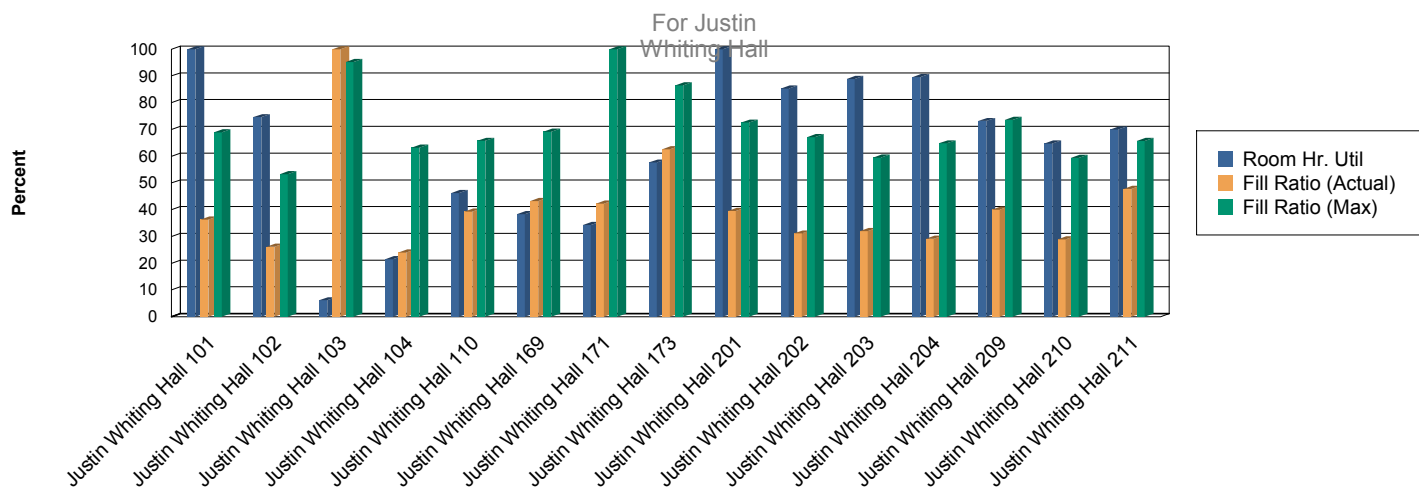
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
173	LAB	37.47	57.64%	24.00	15.03 / 20.75	62.63%	86.45%
201	CLASSROOM	80.80	124.31%	40.00	15.81 / 29.03	39.53%	72.58%
202	CLASSROOM	55.43	85.28%	40.00	12.45 / 26.85	31.13%	67.13%
203	CLASSROOM	57.80	88.92%	40.00	12.81 / 23.79	32.02%	59.47%
204	CLASSROOM	58.23	89.59%	38.00	11.09 / 24.63	29.19%	64.82%
209	CLASSROOM	47.57	73.18%	42.00	16.82 / 30.91	40.04%	73.60%
210	CLASSROOM	42.07	64.72%	42.00	12.16 / 24.93	28.95%	59.36%
211	CLASSROOM	45.53	70.05%	42.00	20.07 / 27.60	47.80%	65.72%
Justin Whiting Hall	15 room(s)	639.47	65.59%	36.50	13.46 / 24.74	36.87%	67.77%



William Atkinson Hall

116	LAB - COMPUTER	81.73	125.74%	24.00	9.46 / 17.34	39.40%	72.23%
117	LAB - COMPUTER	74.60	114.77%	24.00	13.80 / 22.16	57.50%	92.32%
119	LAB - COMPUTER	84.20	129.54%	24.00	8.51 / 20.89	35.45%	87.04%
120	LAB - COMPUTER	69.57	107.03%	24.00	11.50 / 20.75	47.90%	86.45%
122	LAB - ELECTRONICS	15.20	23.38%	24.00	11.09 / 18.00	46.20%	75.00%
216	LAB - COMPUTER	76.07	117.03%	24.00	8.26 / 15.36	34.40%	63.98%
217	LAB - COMPUTER	83.67	128.72%	24.00	12.78 / 20.88	53.25%	86.99%
219	LAB - COMPUTER	51.40	79.08%	24.00	9.85 / 22.31	41.03%	92.96%
220	LAB - COMPUTER	97.93	150.67%	24.00	12.23 / 21.38	50.97%	89.10%
222	LAB - COMPUTER	64.50	99.23%	24.00	9.62 / 22.50	40.10%	93.75%

**Space Utilization**

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

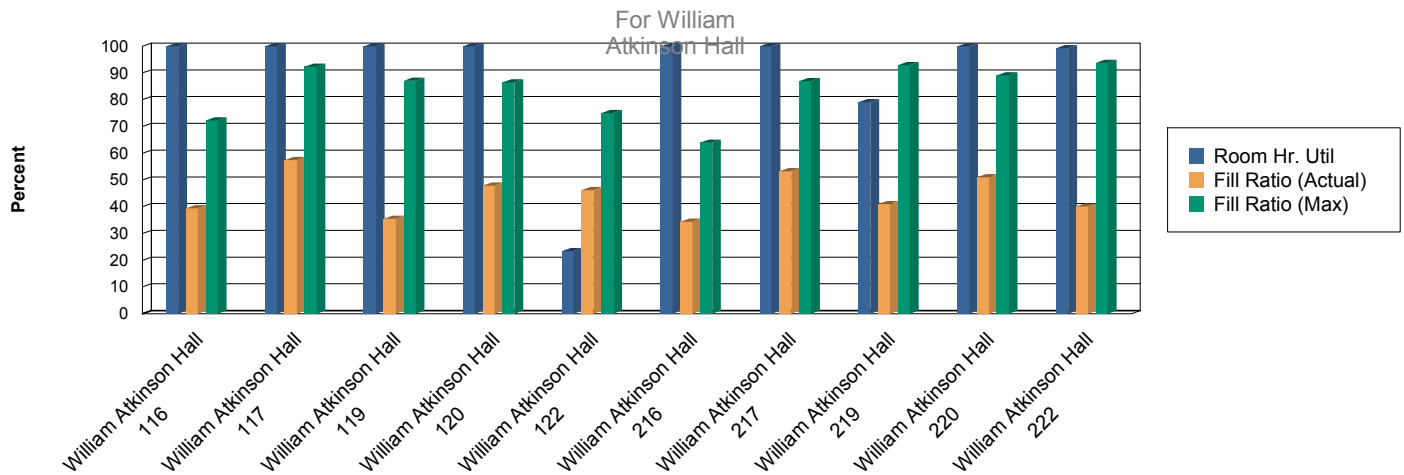
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
William Atkinson Hall	10 room(s)	698.87	107.52%	24.00	10.74 / 20.25	44.77%	84.38%



Campus Total:	71 room(s)	3,428.33	74.29%	35.27	14.75 / 25.69	41.82%	72.85%
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Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

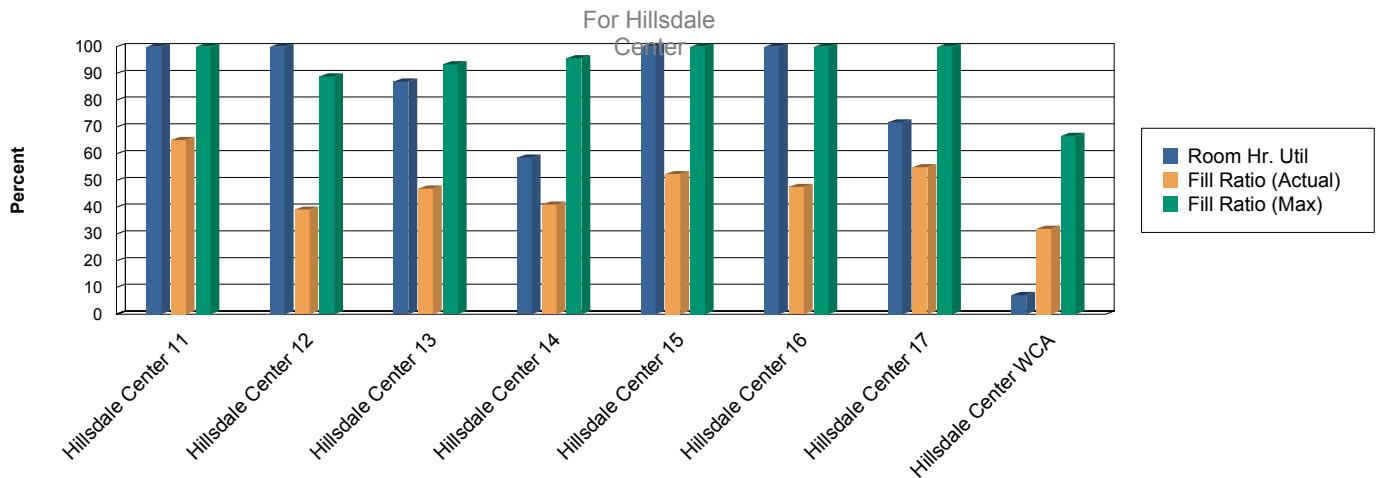
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
Clyde LeTarte Ctr, Hillsdale - Hillsdale Center							
11	LAB - SCIENCE	68.03	104.67%	24.00	15.63 / 24.85	65.15%	103.53%
12	CLASSROOM	104.93	161.44%	36.00	14.09 / 32.00	39.14%	88.90%
13	CLASSROOM	56.53	86.97%	32.00	15.04 / 29.89	47.00%	93.40%
14	LAB - GEOLOGY	38.03	58.51%	32.00	13.11 / 30.62	40.97%	95.69%
15	LAB - COMPUTER	66.93	102.97%	24.00	12.57 / 30.81	52.39%	128.39%
16	LAB - COMPUTER	68.20	104.92%	24.00	11.43 / 24.03	47.61%	100.13%
17	CLASSROOM	46.63	71.74%	20.00	10.99 / 23.99	54.95%	119.93%
WCA	CLASSROOM	4.67	7.18%	36.00	11.50 / 24.00	31.94%	66.67%
Hillsdale Center	8 room(s)	453.97	87.30%	28.15	13.39 / 28.27	47.56%	100.43%



Campus Total:	8 room(s)	453.97	87.30%	28.15	13.39 / 28.27	47.56%	100.43%
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Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

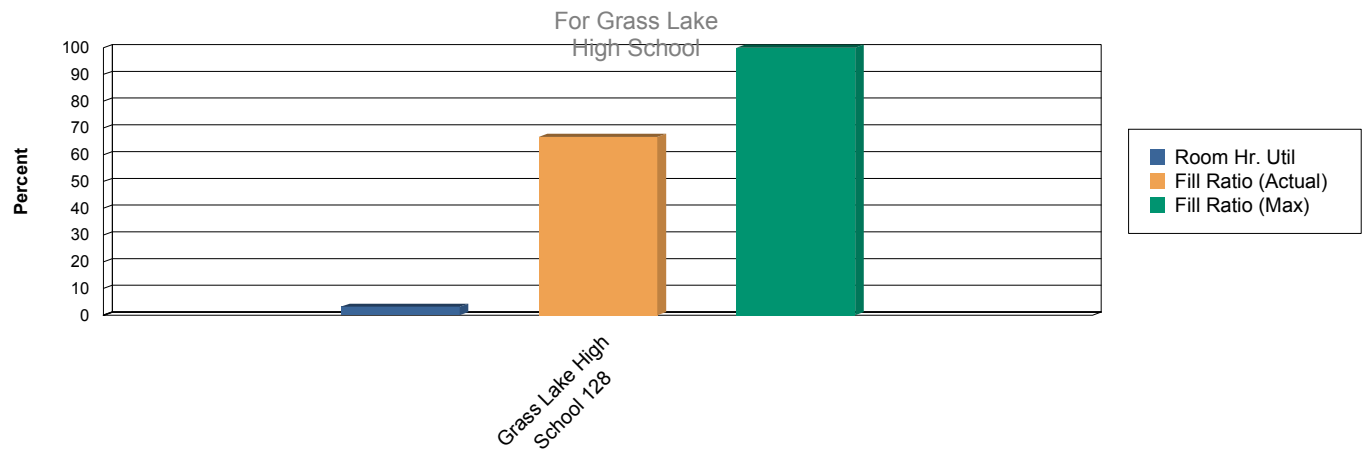
Term weeks: 15.00

Hours in Standard week: 65.00

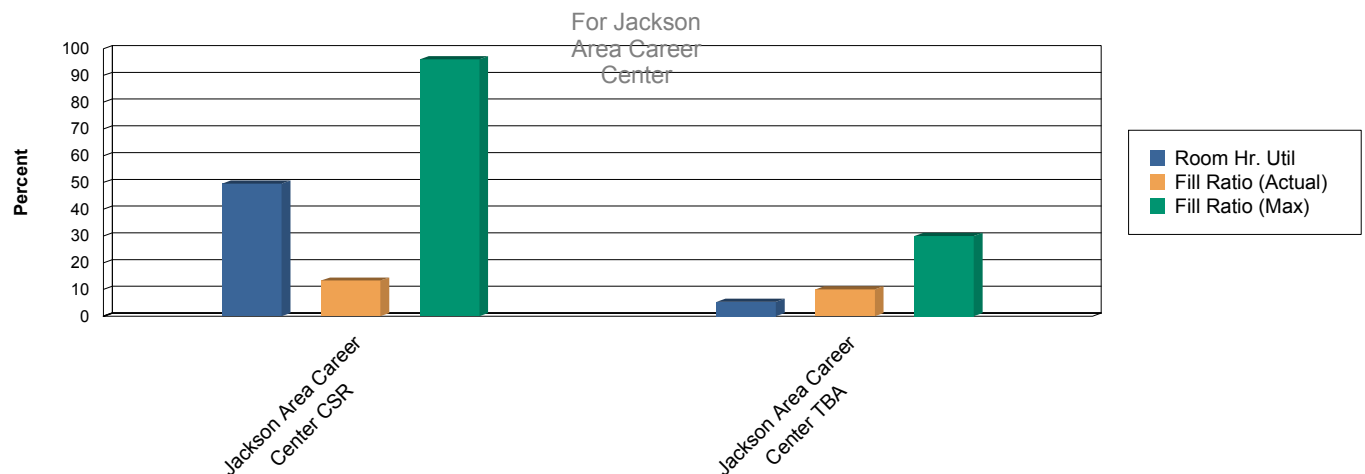
Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
Jackson County -							
Grass Lake High School							
128	CLASSROOM	2.07	3.18%	24.00	16.00 / 32.00	66.67%	133.33%
Grass Lake High School room(s)		2.07	3.18%	24.00	16.00 / 32.00	66.67%	133.33%

**Jackson Area Career Center**

CSR	CLASSROOM	32.23	49.59%	25.00	3.34 / 24.00	13.34%	96.00%
TBA	CLASSROOM	3.50	5.38%	50.00	5.00 / 15.00	10.00%	30.00%
Jackson Area Career Center room(s)		35.73	27.49%	27.45	3.50 / 23.12	12.74%	84.22%



Campus Total:	3 room(s)	37.80	19.38%	27.26	4.18 / 23.60	15.34%	86.59%
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Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

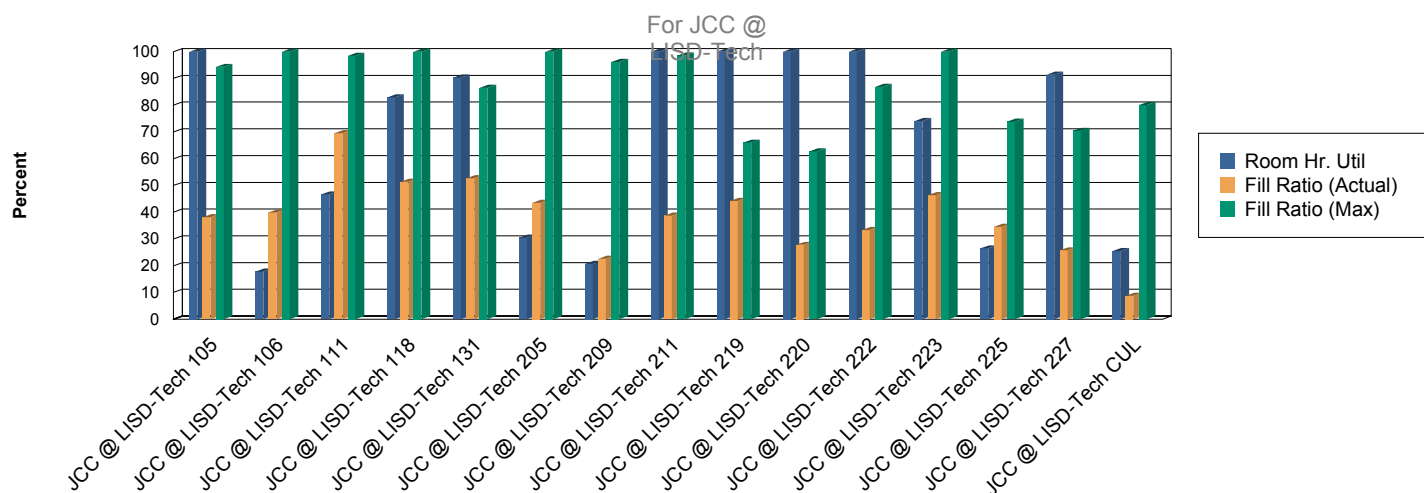
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
JCC @ LISD TECH -							
JCC @ LISD-Tech							
105	LAB - COMPUTER	66.57	102.41%	24.00	9.15 / 22.64	38.14%	94.32%
106	LAB - COMPUTER	11.60	17.85%	15.00	5.98 / 17.07	39.89%	113.79%
111	LAB - CHEMISTRY	30.33	46.67%	24.00	16.68 / 23.62	69.52%	98.41%
118	LAB - SCIENCE	53.87	82.87%	24.00	12.33 / 24.18	51.37%	100.74%
131	CLASSROOM	58.70	90.31%	34.00	17.91 / 29.41	52.67%	86.51%
205	CLASSROOM	19.80	30.46%	32.00	13.91 / 35.66	43.47%	111.43%
209	CLASSROOM	13.47	20.72%	22.00	4.96 / 21.16	22.55%	96.20%
211	CLASSROOM	69.50	106.92%	30.00	11.60 / 29.57	38.68%	98.56%
219	CLASSROOM	67.60	104.00%	48.00	21.23 / 31.68	44.23%	66.00%
220	CLASSROOM	74.73	114.97%	48.00	13.34 / 30.09	27.78%	62.68%
222	CLASSROOM	75.93	116.82%	40.00	13.32 / 34.75	33.29%	86.88%
223	CLASSROOM	48.13	74.05%	24.00	11.12 / 28.43	46.33%	118.44%
225	CLASSROOM	17.20	26.46%	30.00	10.36 / 22.16	34.53%	73.88%
227	CLASSROOM	59.43	91.44%	40.00	10.30 / 28.17	25.76%	70.43%
CUL	CLASSROOM	16.53	25.44%	30.00	2.62 / 24.00	8.74%	80.00%
JCC @ LISD-Tech	15 room(s)	683.40	70.09%	33.97	12.97 / 28.31	38.16%	83.33%



LVTC

CIS	LAB - COMPUTER	6.07	9.33%	25.00	2.54 / 20.00	10.15%	80.00%
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Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

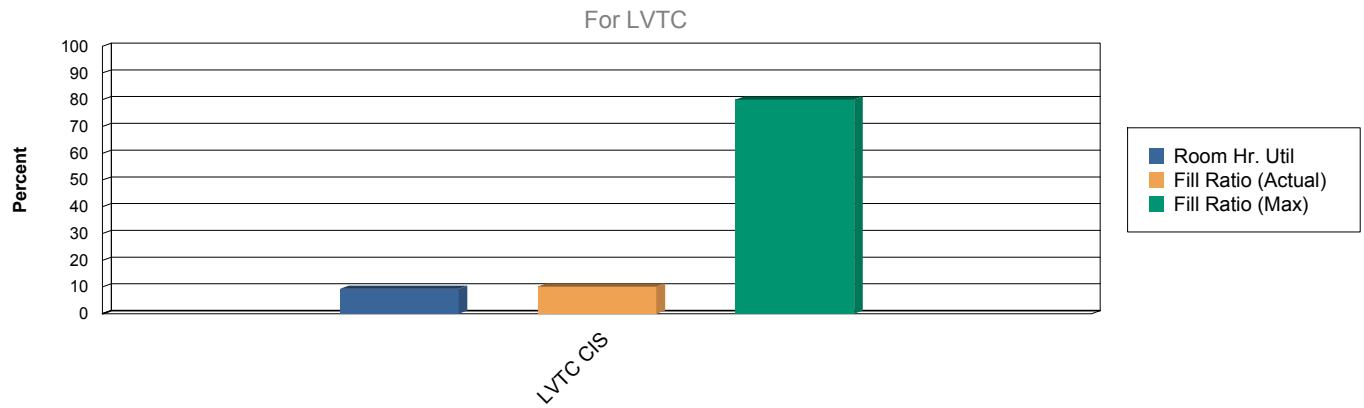
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
LVTC	1 room(s)	6.07	9.33%	25.00	2.54 / 20.00	10.15%	80.00%



Campus Total:	16 room(s)	689.47	66.29%	33.89	12.87 / 28.23	37.98%	83.30%
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Space Utilization

Average Weekly Utilization for Sections Only by Building and Room

10/13/2017

2:45 pm

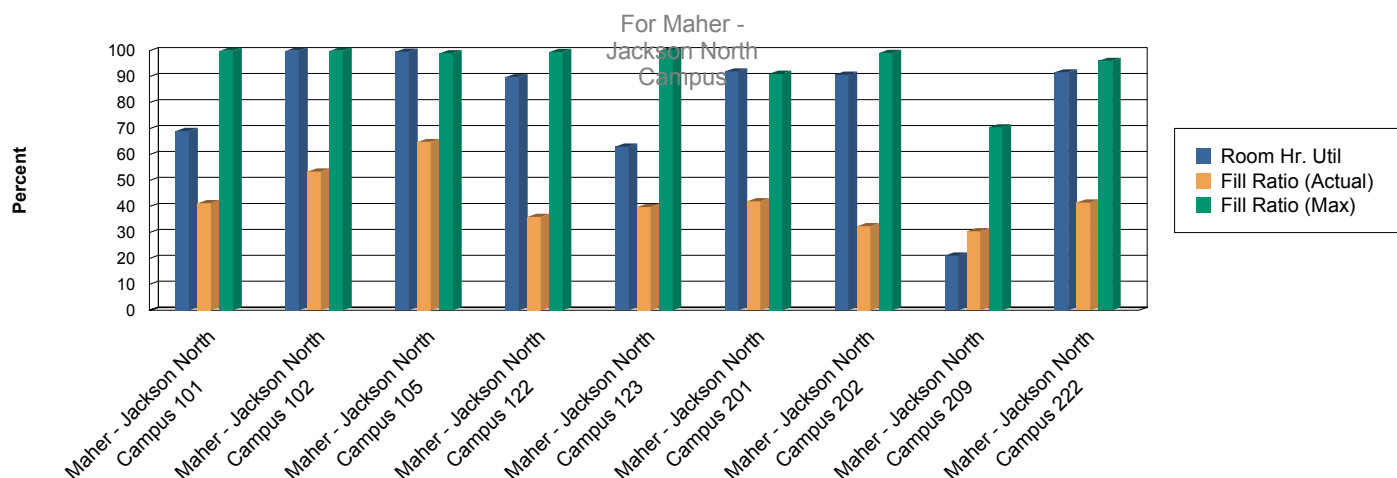
Term weeks: 15.00

Hours in Standard week: 65.00

Dates: 9/6/2016 - 8/15/2017

Standard Week: Monday, Tuesday, Wednesday, Thursday, Friday - 8:00 AM to 9:00 PM

Building - Room	Roomtype	Room Hrs.	Room Hr. Util.	Room Capacity	Enrollment/ Max Enrollment	Fill Ratio Actual Enroll.	Fill Ratio Max Enroll.
W.J. Maher Campus (North) - Maher - Jackson North Campus							
101	CLASSROOM	44.93	69.13%	32.00	13.22 / 36.47	41.30%	113.98%
102	CLASSROOM	72.57	111.64%	32.00	17.11 / 38.87	53.46%	121.48%
105	LAB - COMPUTER	64.77	99.64%	21.00	13.62 / 20.79	64.85%	98.98%
122	CLASSROOM	58.40	89.85%	32.00	11.51 / 31.85	35.97%	99.54%
123	CLASSROOM	41.00	63.08%	32.00	12.74 / 34.87	39.82%	108.96%
201	LAB - COMPUTER	59.83	92.05%	28.00	11.78 / 25.52	42.06%	91.15%
202	CLASSROOM	59.00	90.77%	36.00	11.68 / 35.69	32.44%	99.14%
209	LECTURE HALL	13.73	21.13%	50.00	15.24 / 35.26	30.49%	70.52%
222	CLASSROOM	59.60	91.69%	32.00	13.31 / 30.75	41.58%	96.10%
Maher - Jackson North Campus Room(s)		473.83	81.00%	31.01	13.31 / 31.75	42.93%	102.39%



Campus Total:	9 room(s)	473.83	81.00%	31.01	13.31 / 31.75	42.93%	102.39%
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Space Utilization by Building and Room Report Key

Purpose of Report

The Space Utilization by Building and Room report shows average weekly room hours of academic sections only by building, highlighting room hour utilization and station fill (students in seats). Space utilization calculations are based on the user specified number of hours in a standard scheduling week. Additional fields show station fill calculation on both max enrollment and actual enrollment of a section. This report can be used to help enforce an academic scheduling policy outlining usage guidelines for minimum room hour usage as well as seat fill requirements. Hours used by double books and crosslists are counted only once. Enrollments and max enrollments for double books and crosslists are added together.

Definition of User Defined Parameters

Select Start and End Date - Allows a user to filter activities within a date range. The report will bring in records from all section meetings that occur between the start and end date.

Length of Term (in Weeks) - The report will calculate utilization based on all activities between the start and end date selected. To calculate average weekly utilization, total hours are divided by the number of weeks specified. This allows a user to account for Term dates including exam week, holiday weeks, etc.

Days in Standard Week - The report will only bring in room hours that occur on these selected days.

Standard Week Start and End Time - The report will only bring in room hours that occur between these start and end times.

Enter Hours in Standard Week - This parameter allows a user to enter the number of hours in the standard class week. For example, if the standard week to offer classes is 8:00a to 5:00p, Monday through Friday, the standard week would be 45 hours. This number is then used in the Room Hour Utilization calculation (Room Hours / Standard Week).

Select Roomtype(s) - Only hours used in rooms of the selected type(s) will be included in the report.

Definition of Report Fields

Building-Room - Lists the Building and Room code of each room used on the selected campus.

Room Hours - Average number of weekly hours scheduled in that room during the selected term. All section activities are added up by room. Room hours used by double booked and crosslisted classes are only counted once. A class that meets from 8:00a to 9:00a on MWF for the entire specified term would get counted for three hours per week for the entire term (if it met for 16 weeks, it would account for 48 total hours, and then be divided by the Length of Term parameter ($48 / 16 = 3$ average weekly room hours)). If that same class met for only half of the specified term (8 weeks), it would only get counted for one and half hours of usage ($24 / 16 = 1.5$ average weekly room hours). Class hours are rounded up to the next half hour (a class meeting from 8:00a to 9:45a would get counted as 2.00 hours).

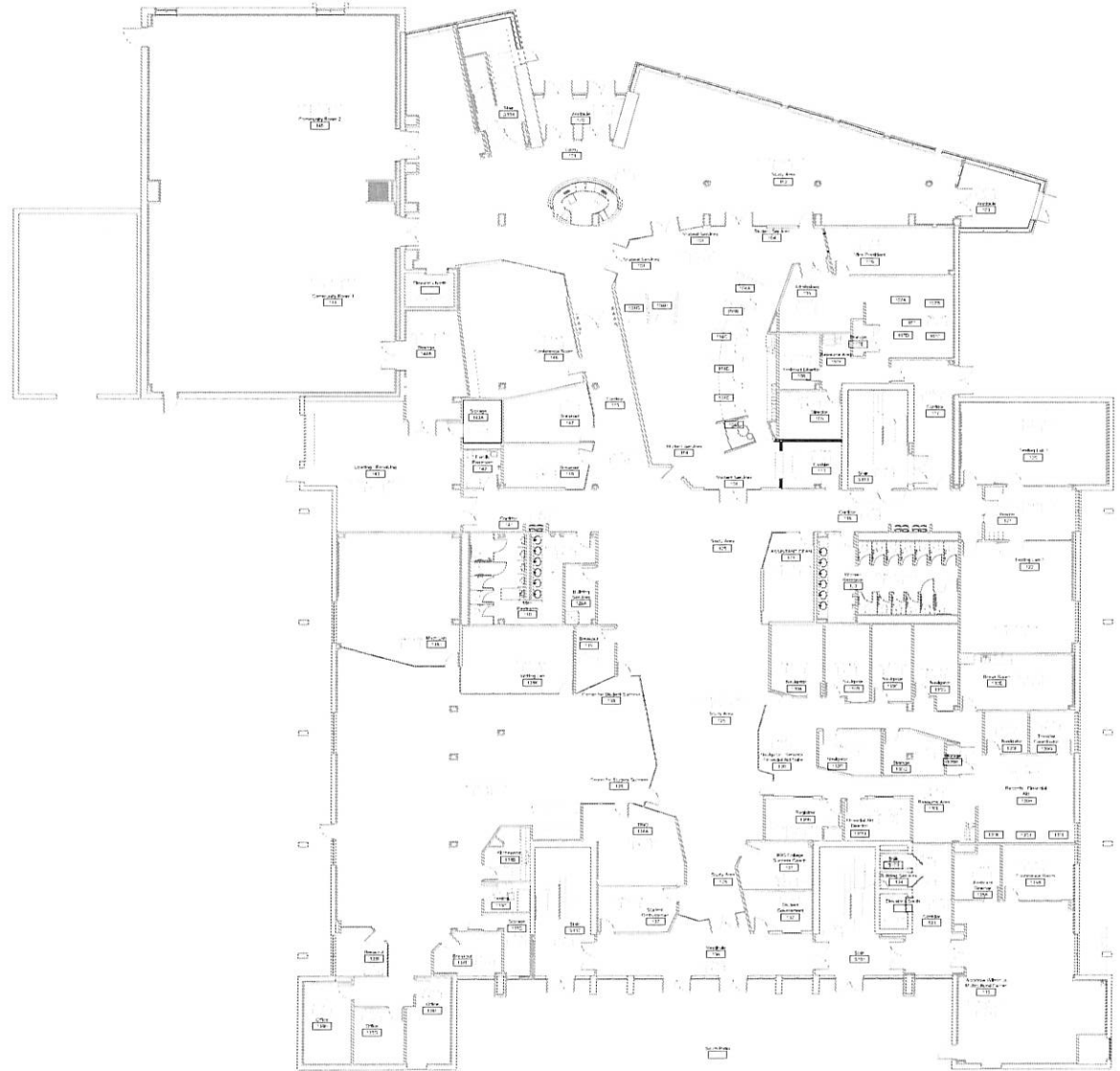
Room Hour Utilization - Percentage of the standard weekly hours used by that room. The standard weekly hours are entered as a user defined parameter when the report is run. (Room Hours / Standard Week)

Room Capacity - Number of seats in the room.

Enrollment/Max Enrollment - Weighted average of the actual enrollment and max enrollment of each section scheduled into the room during the specified term.

Fill Ratio (Actual and Max) - Ratio of Actual enrollment or Max Enrollment to the capacity in the room.

A-1

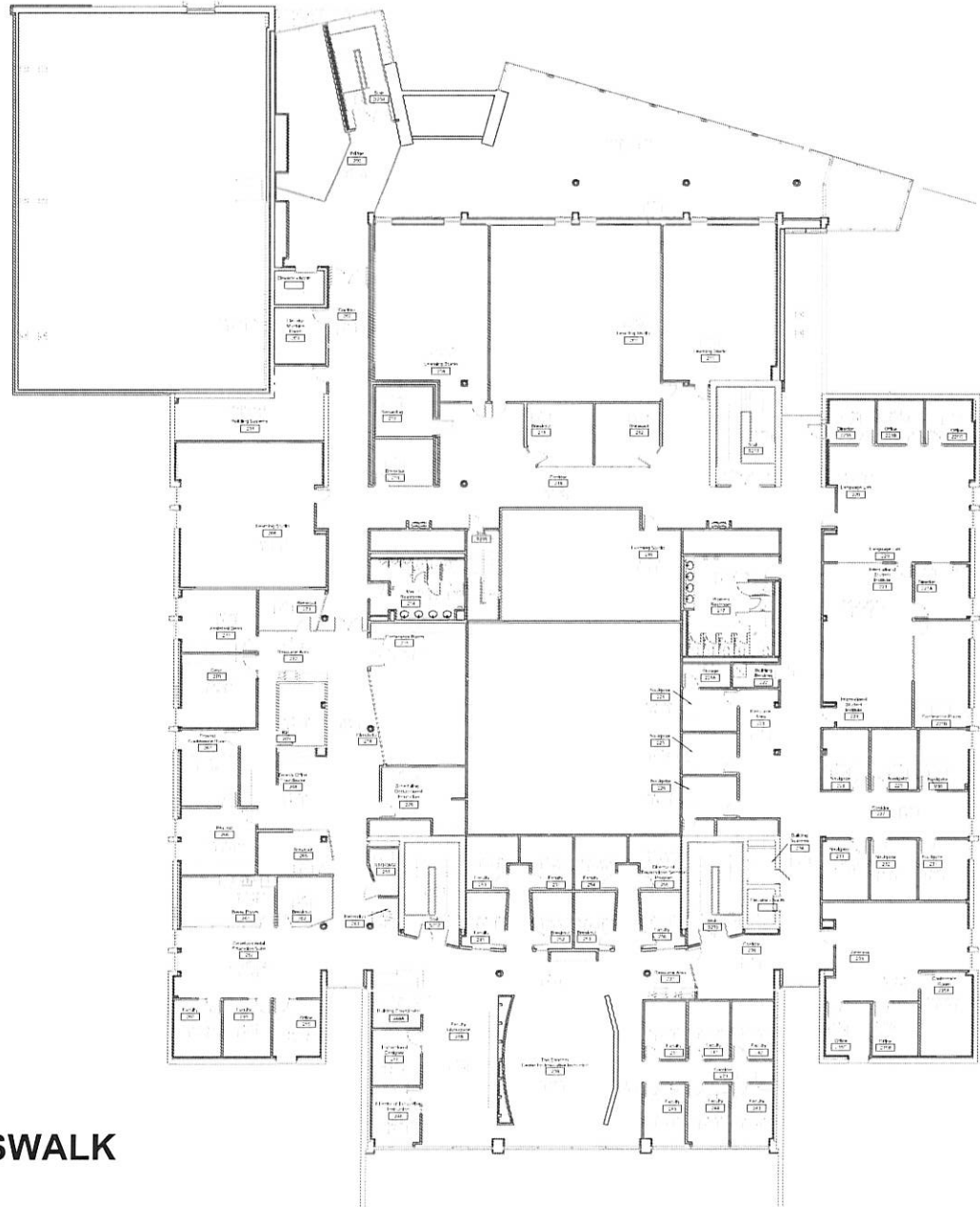


BW - 1st Floor - ROOM NUMBER CROSSWALK

scale: none | version: 23 | date: 08/05/2016 | PROJ: p0468



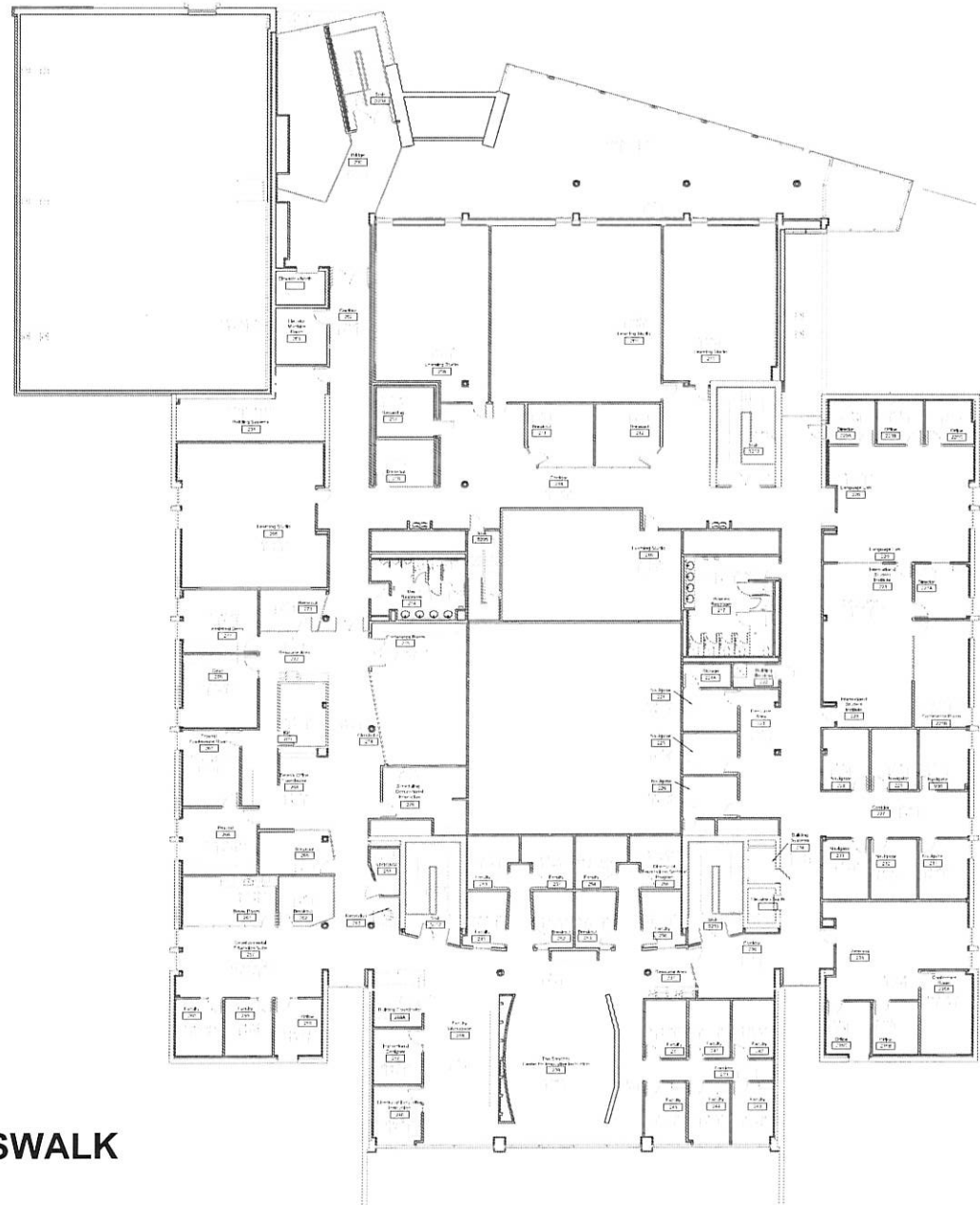
A-2



BW - 2nd Floor - ROOM NUMBER CROSSWALK

scale: none | version: 23 | date: 08/05/2016 | PROJ: p0468

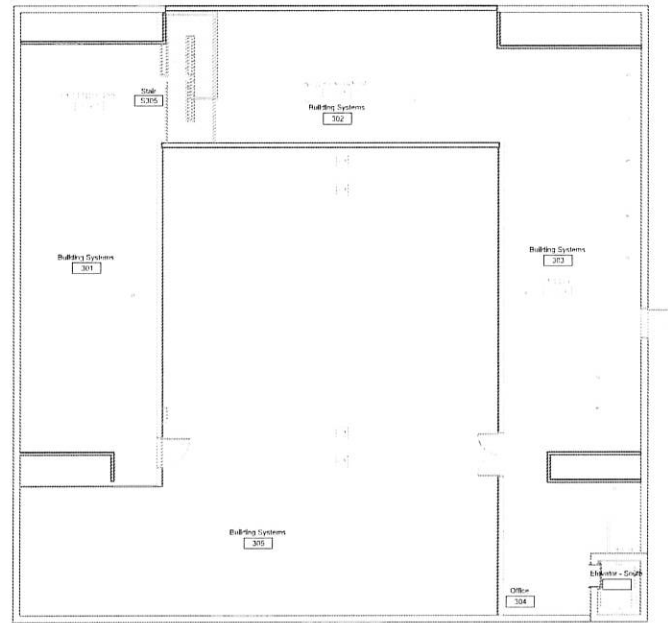
A-3



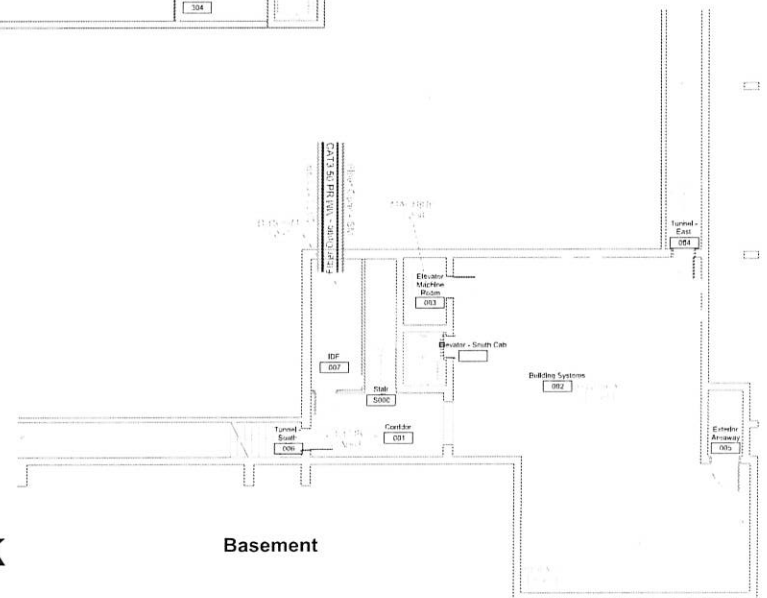
BW - 2nd Floor - ROOM NUMBER CROSSWALK

scale: none | version: 23 | date: 08/05/2016 | PROJ: p0468

A-4



Penthouse



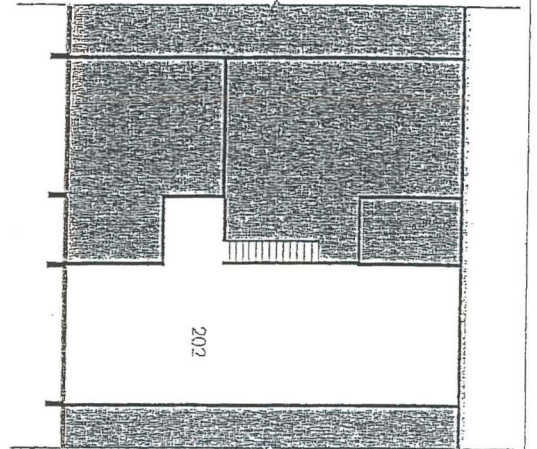
Basement



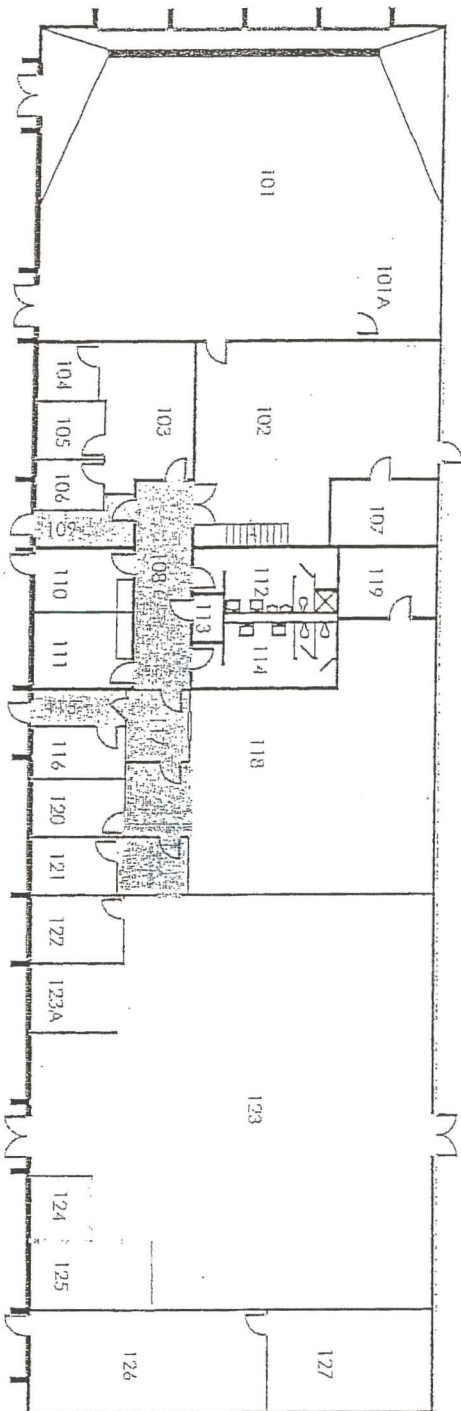
BW - Penthouse and Basement - ROOM NUMBER CROSSWALK

scale: 1/8" = 1'-0" | version: 23 | date: 08/05/2016 | PROJ: p0468

B-1

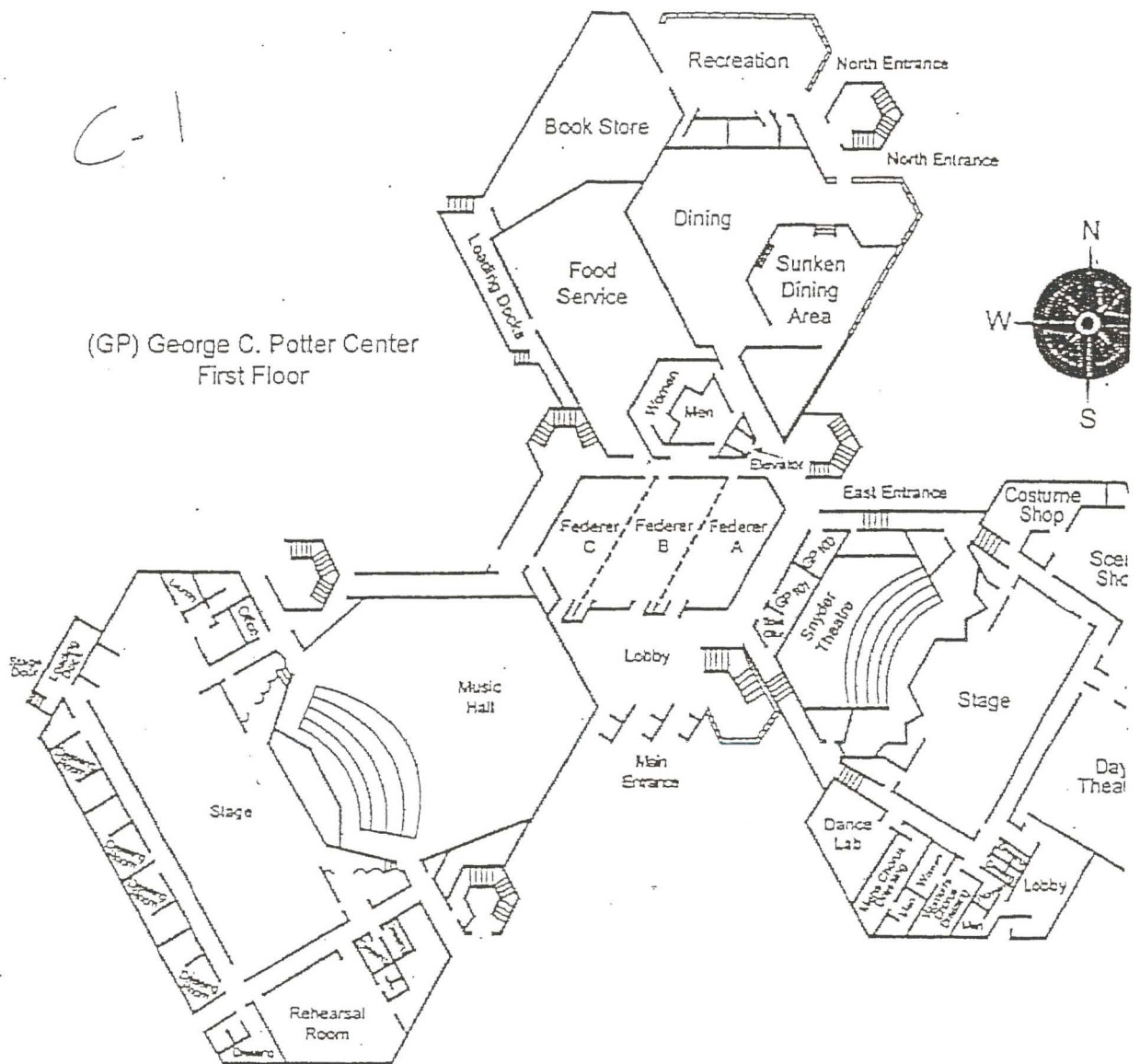


MEZZANINE



FIRST FLOOR

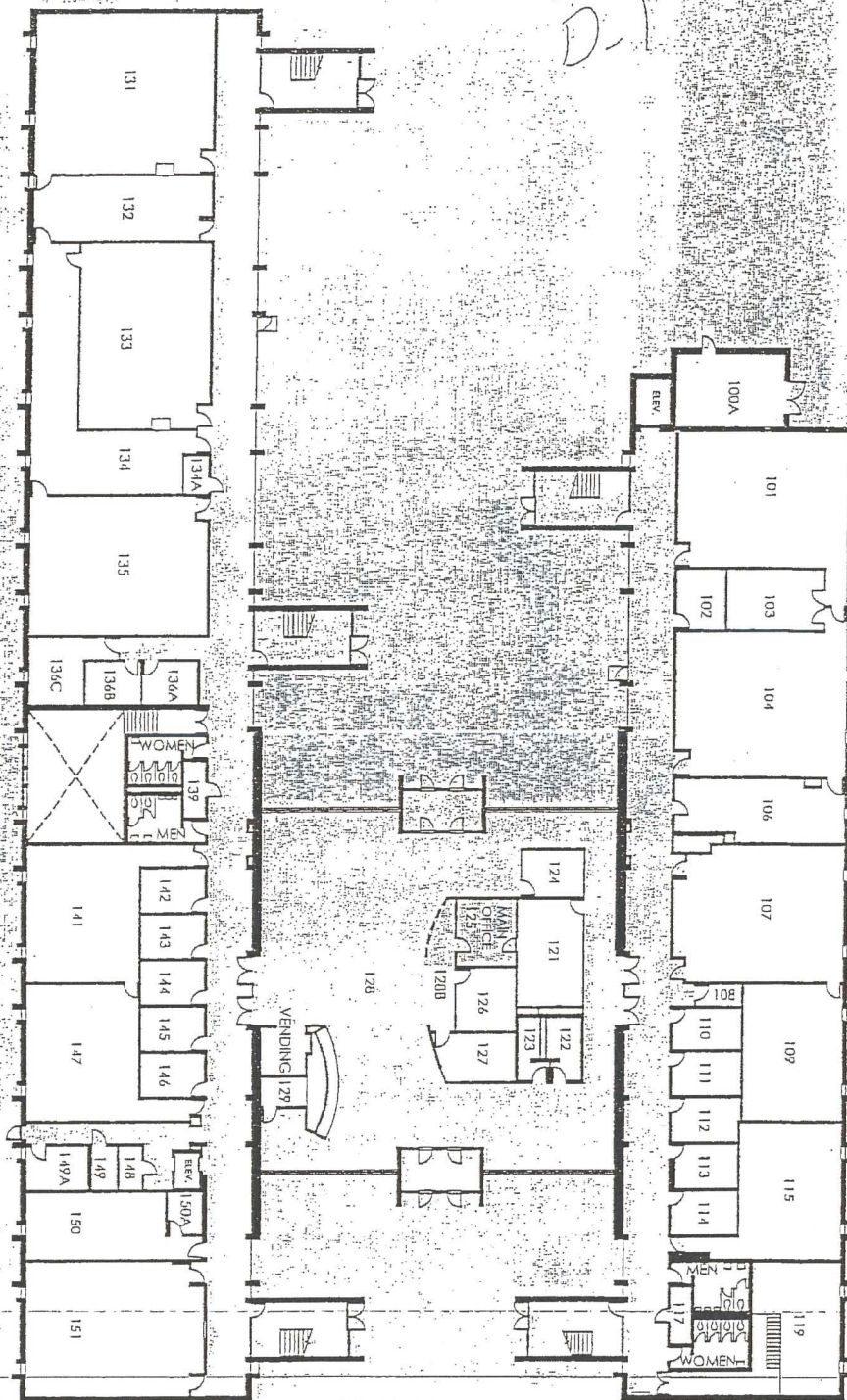
	<p>San Jacinto Community College Campus Services Floor Plans</p>
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



(GP) George E. Potter Center
Second Floor

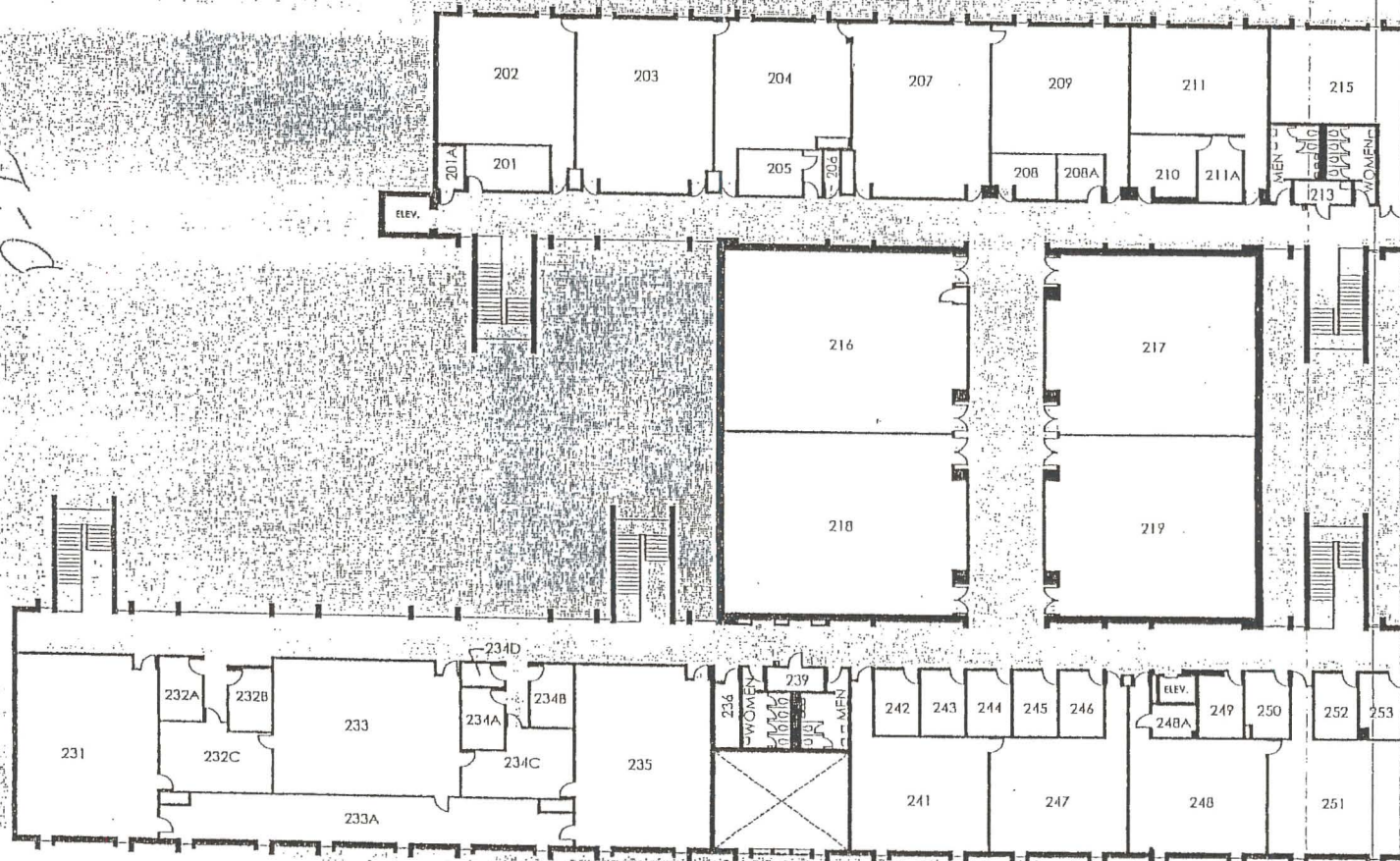


D-1

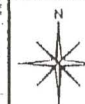


	
Jackson Community College	
James McDowell Hall	
First Floor Plan	
	

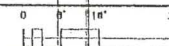
D-2

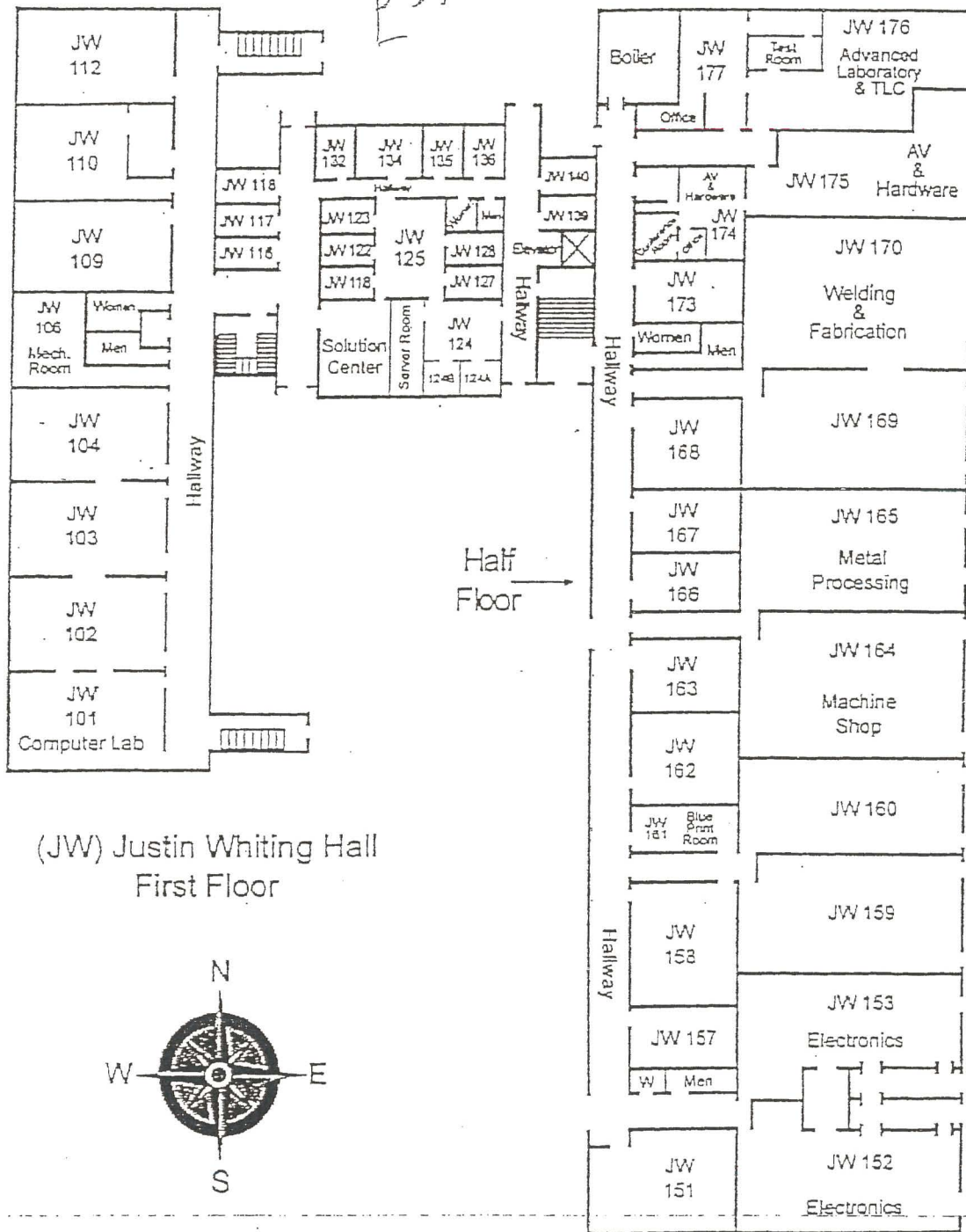


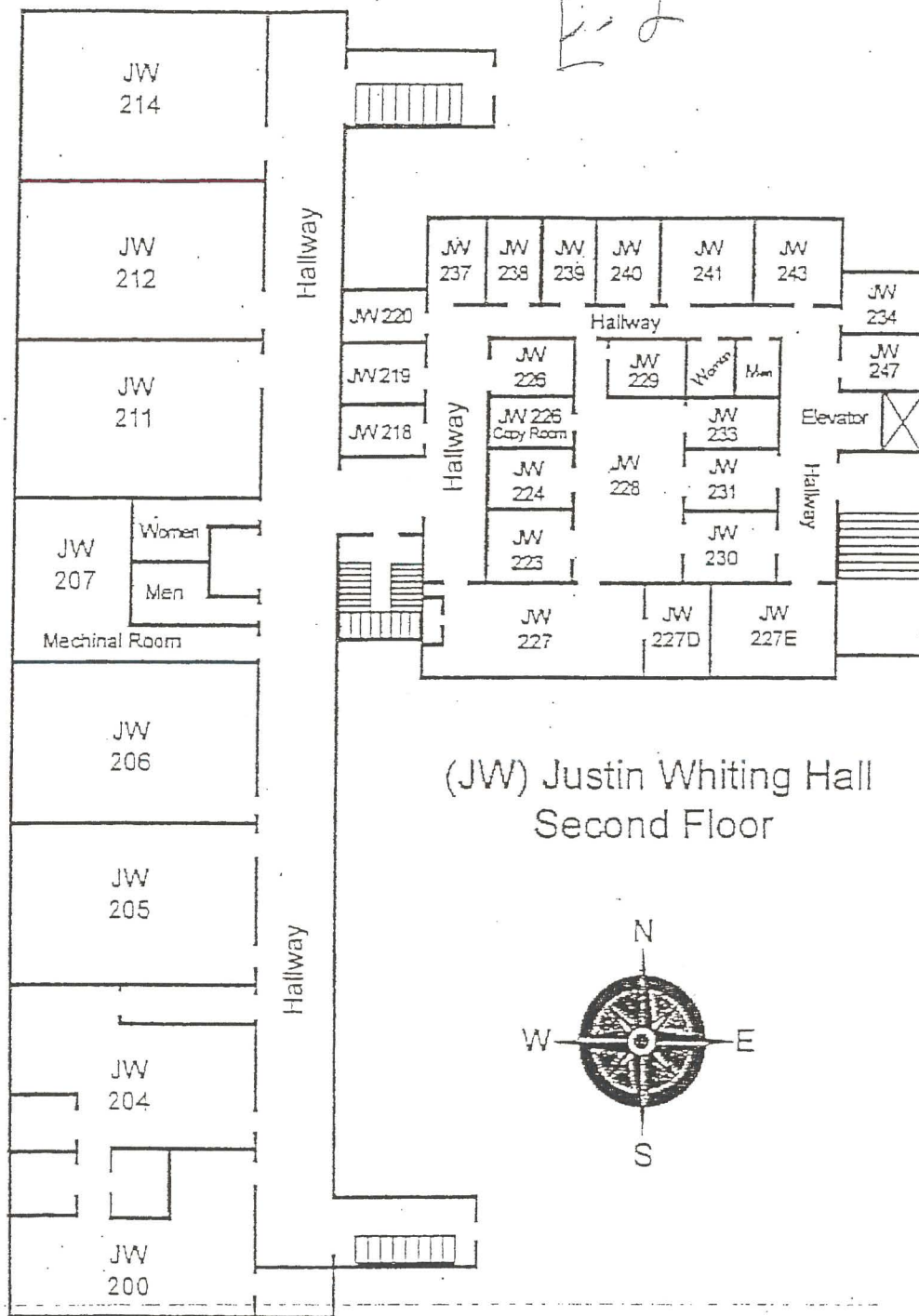
Jackson Community College

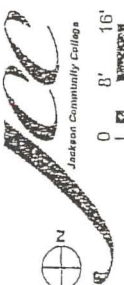
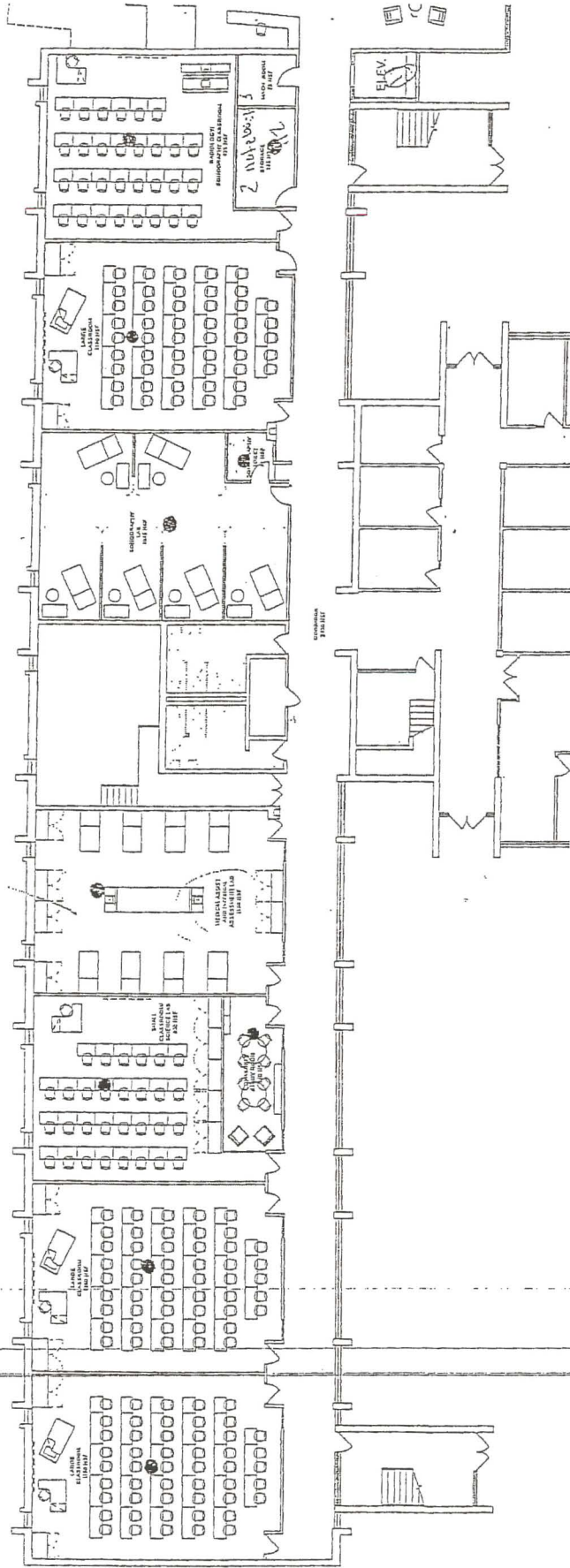


James McDivitt Hall
Second Floor Plan







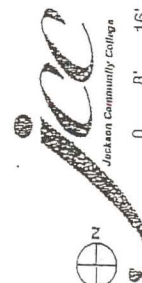
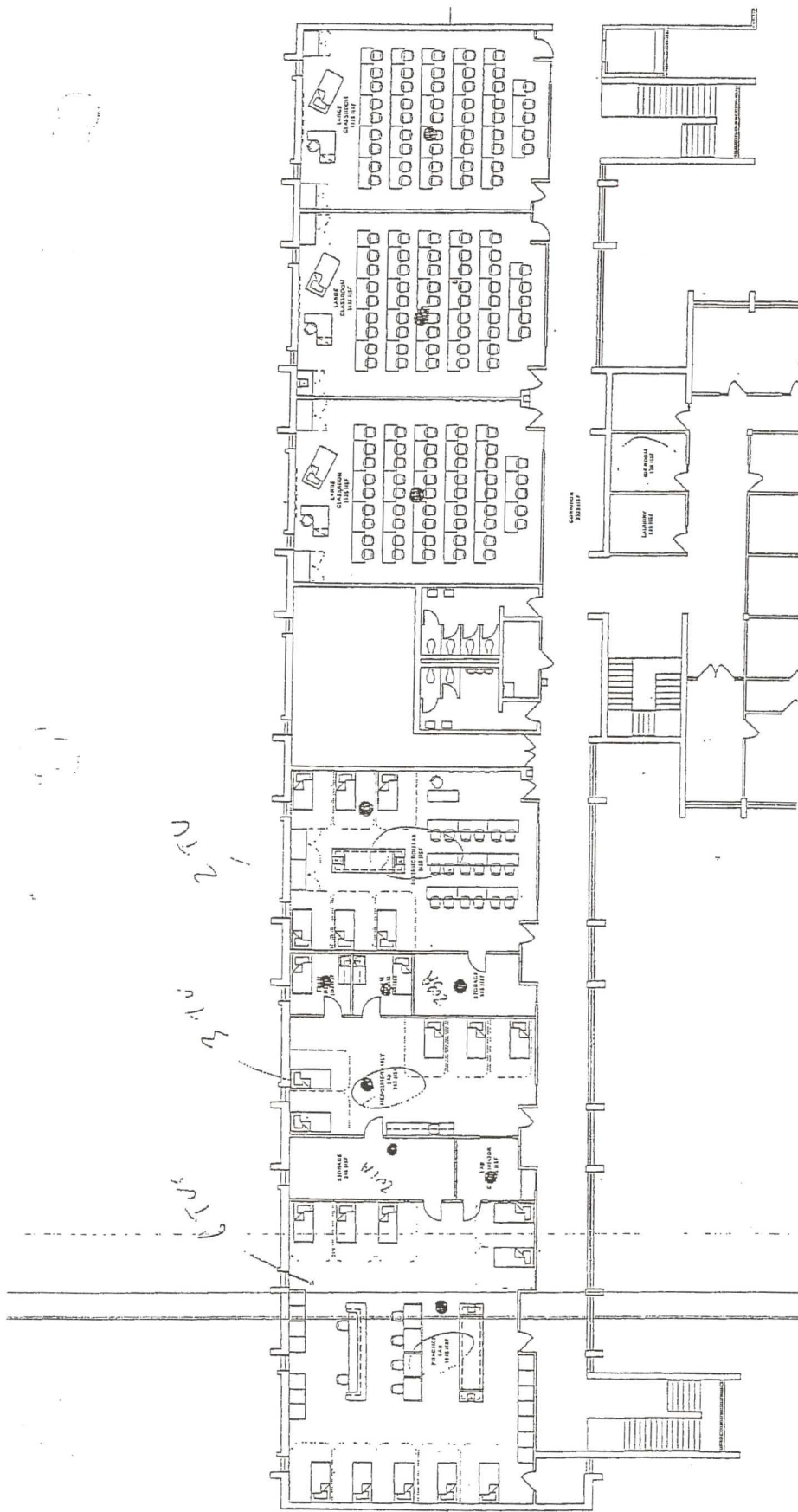


First Floor Proposed Plan

Center for Health Professions Renovation

Project No. 7105.000.02
July 24, 2005

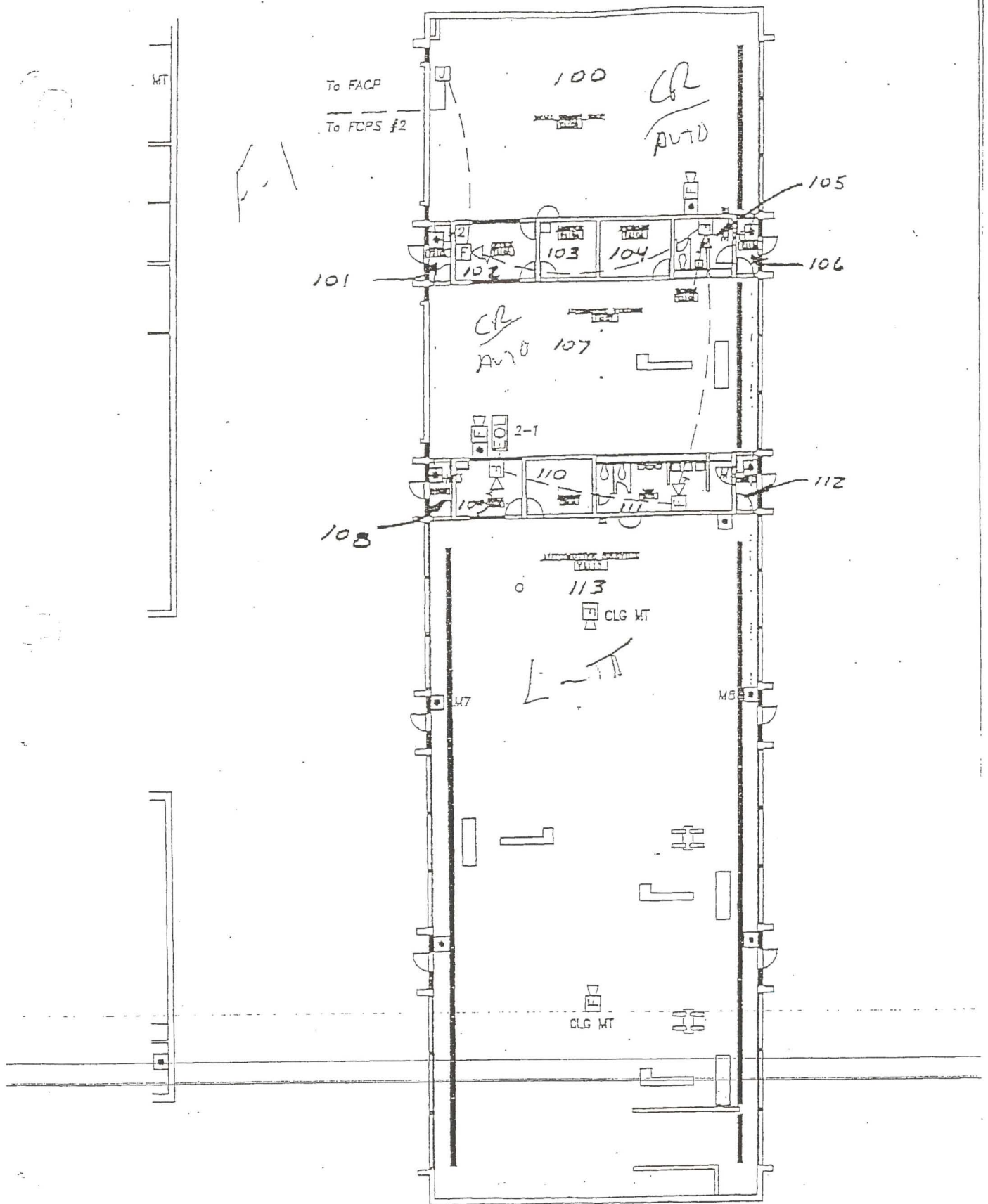




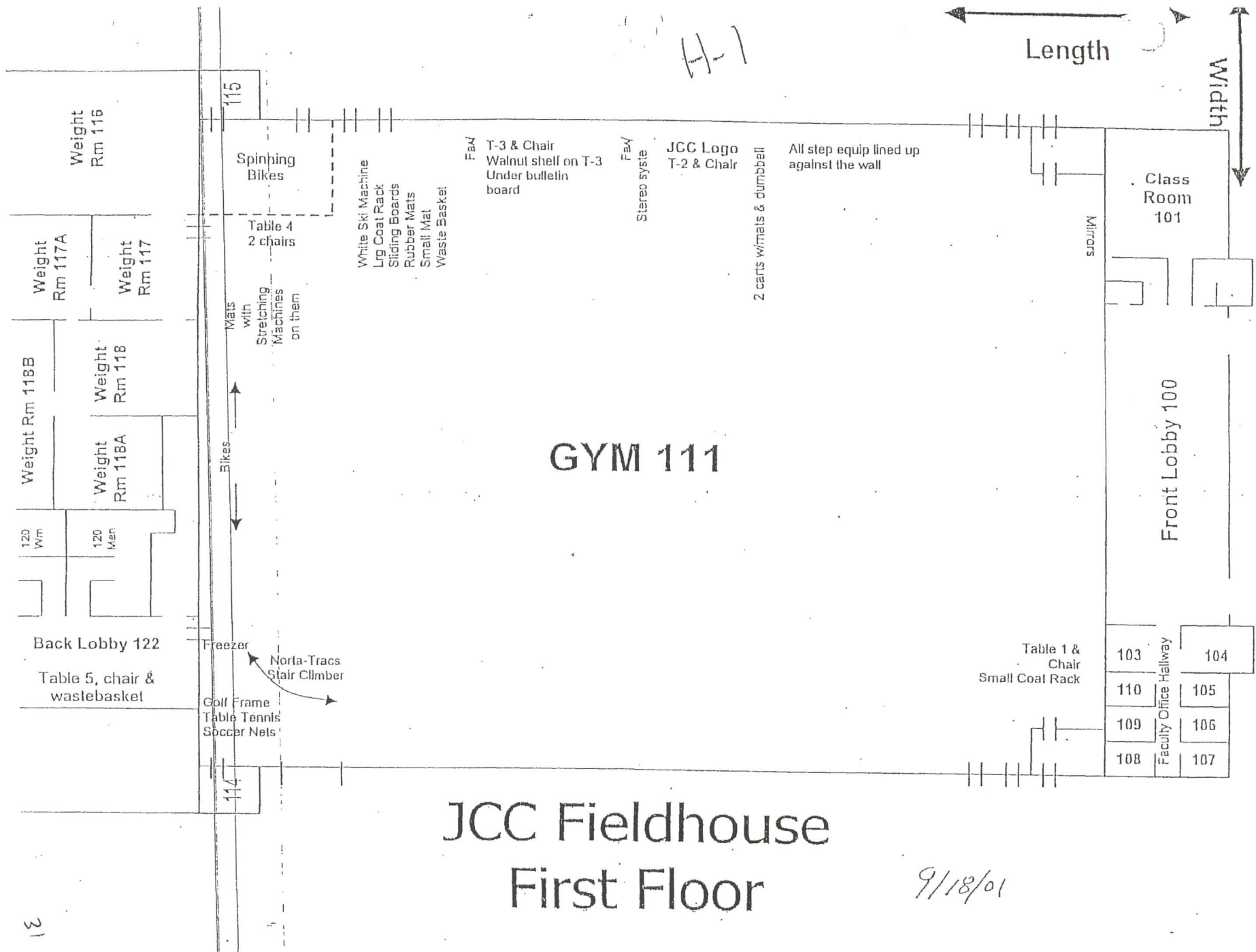
Center for Health Professions Renovation Second Floor Proposed

Project No. 7105.0001.02
July 24, 2005

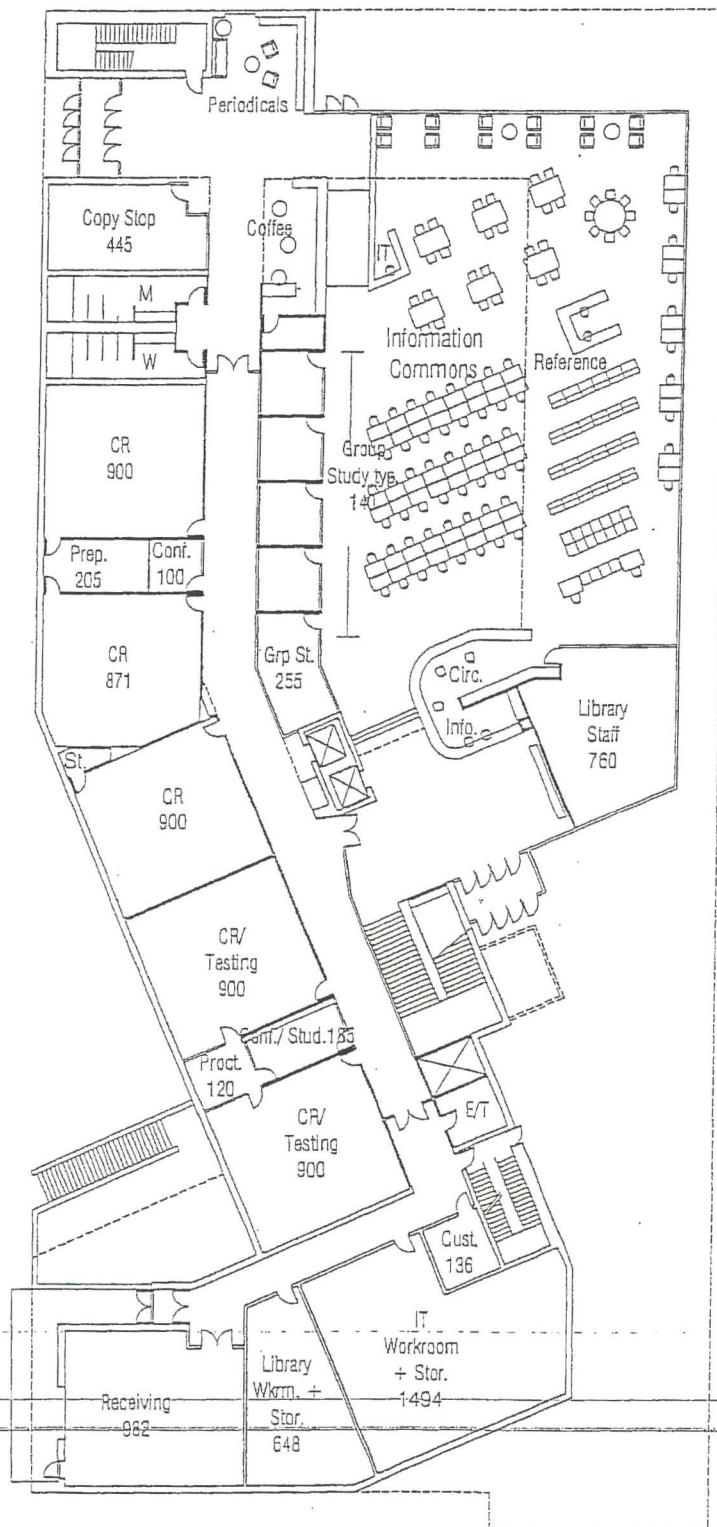




Auto Shop

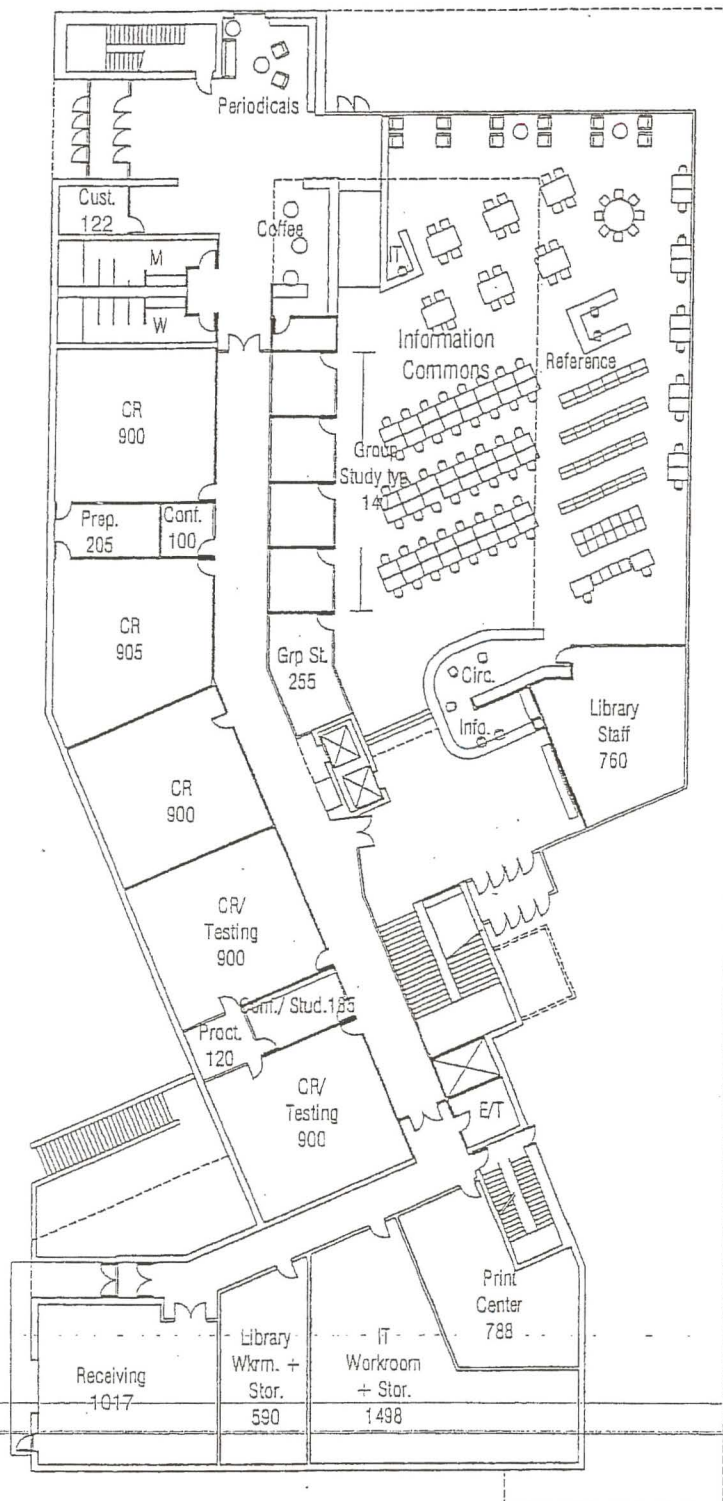


9/18/01



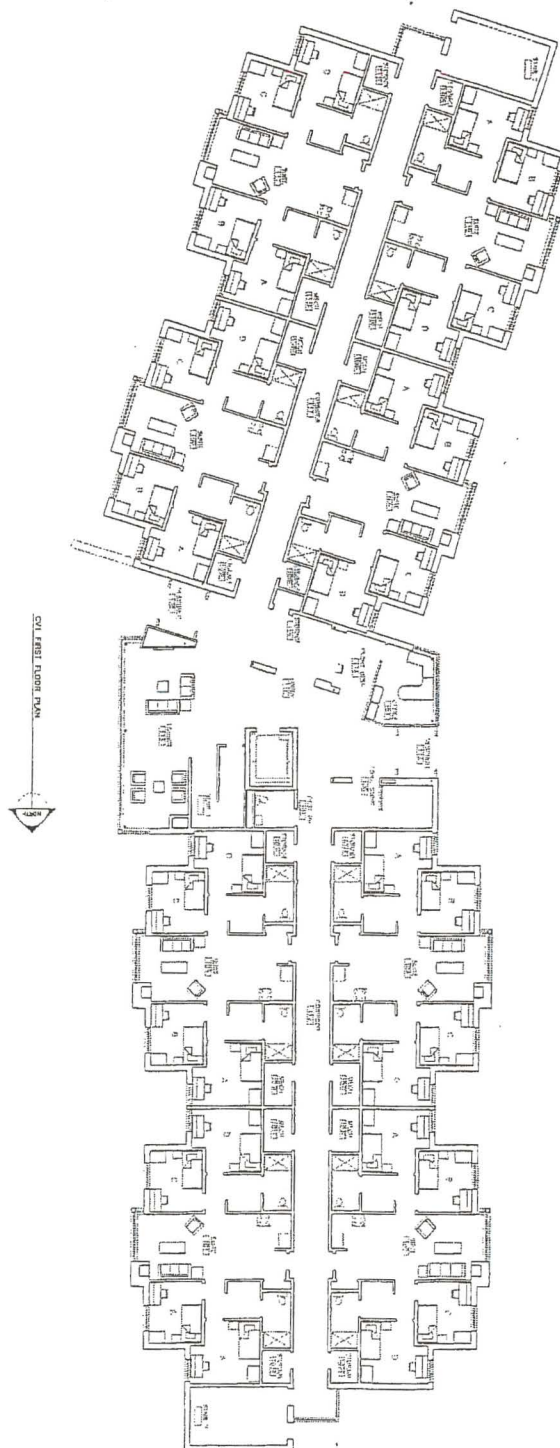
First Floor $\frac{1}{32}'' = 1'-0''$

K-2

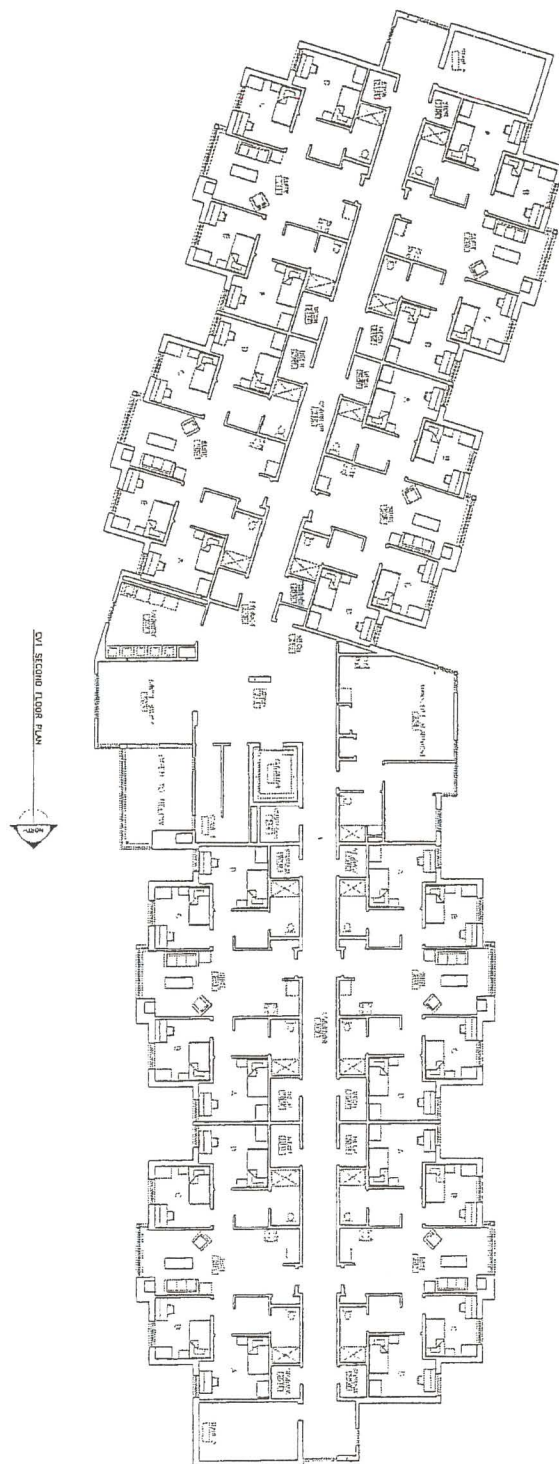


First Floor $\frac{1}{32}'' = 1'-0''$ (2)

L-1

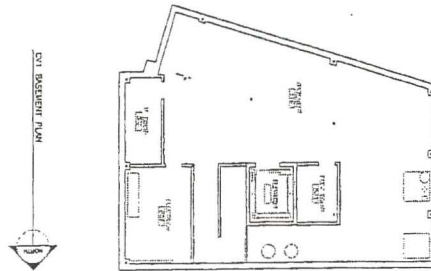


L-2

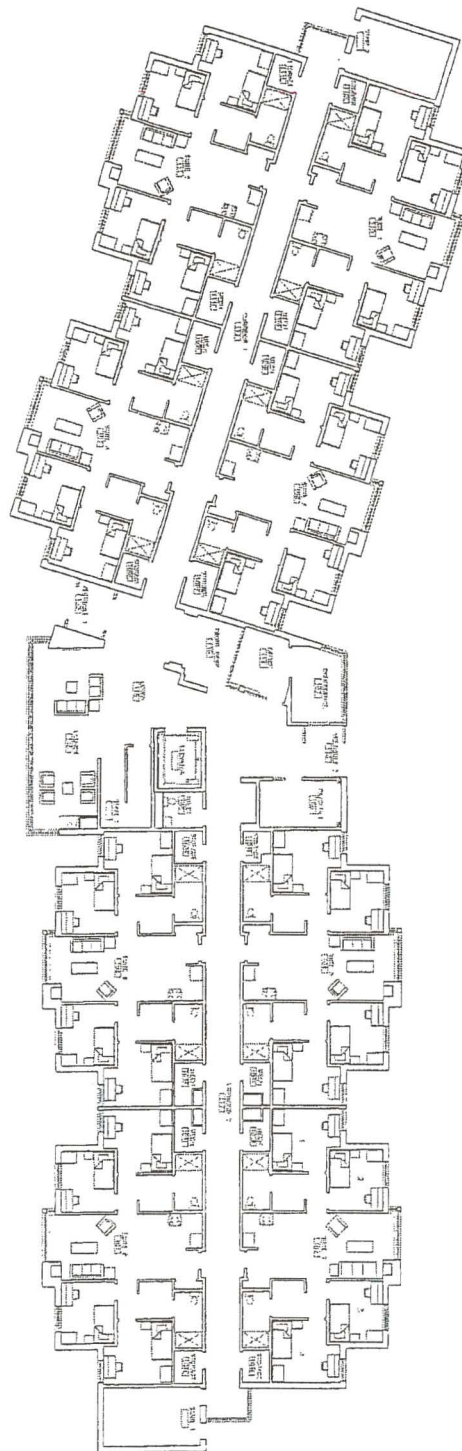




L-4

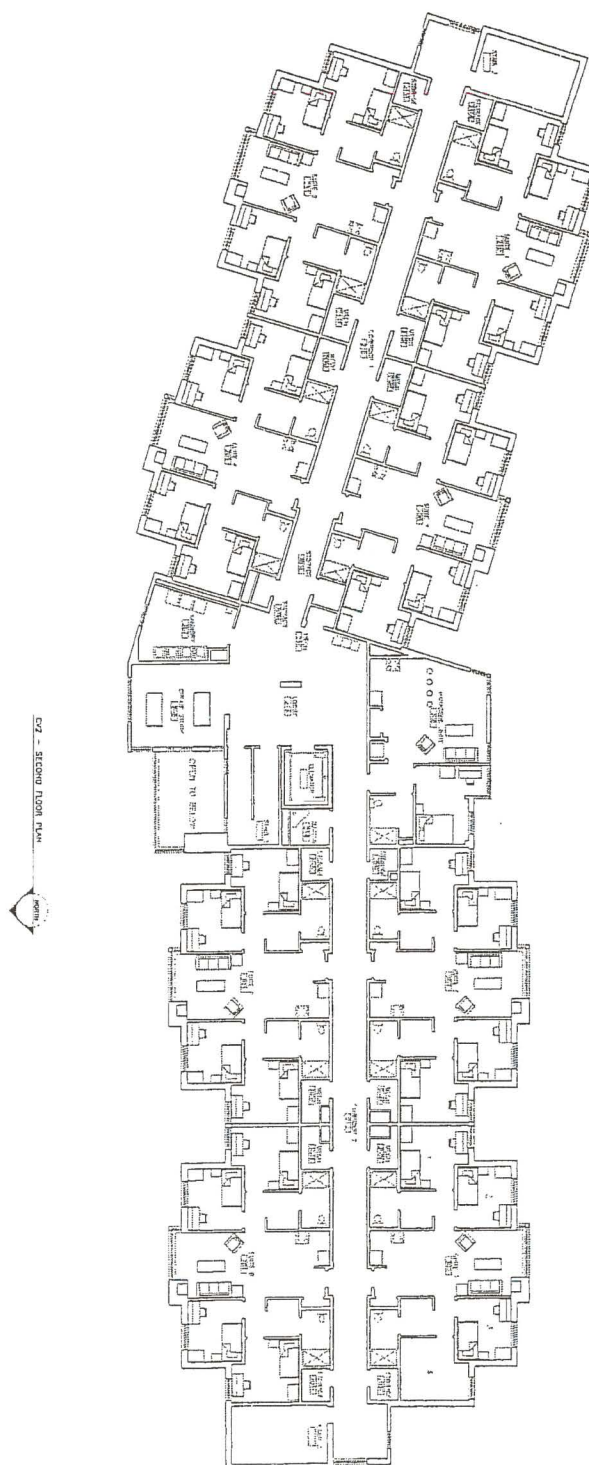


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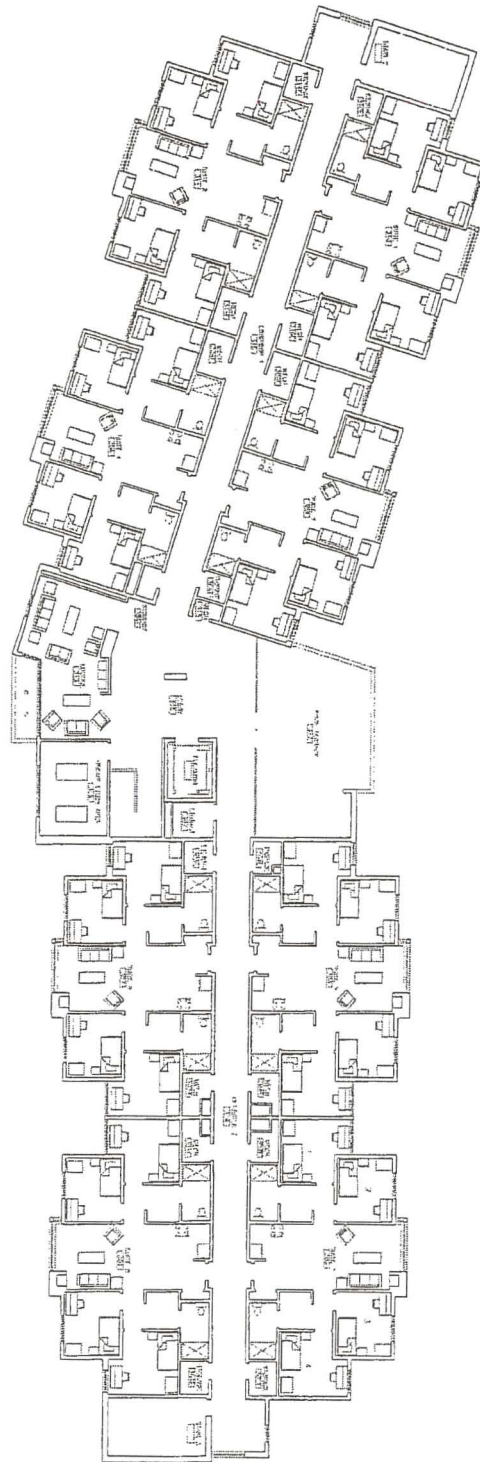
012 - FIRST FLOOR PLAN

M-2

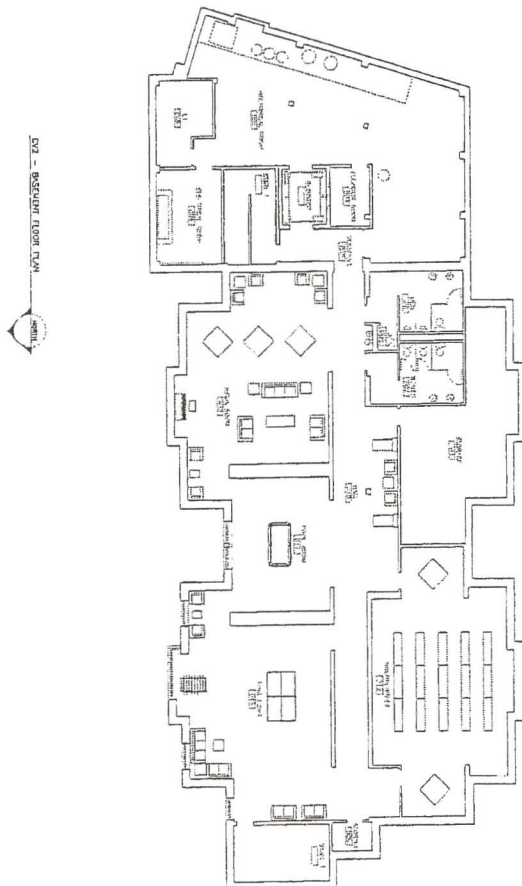


M-3

02 - THIRD FLOOR PLAN



M - 4

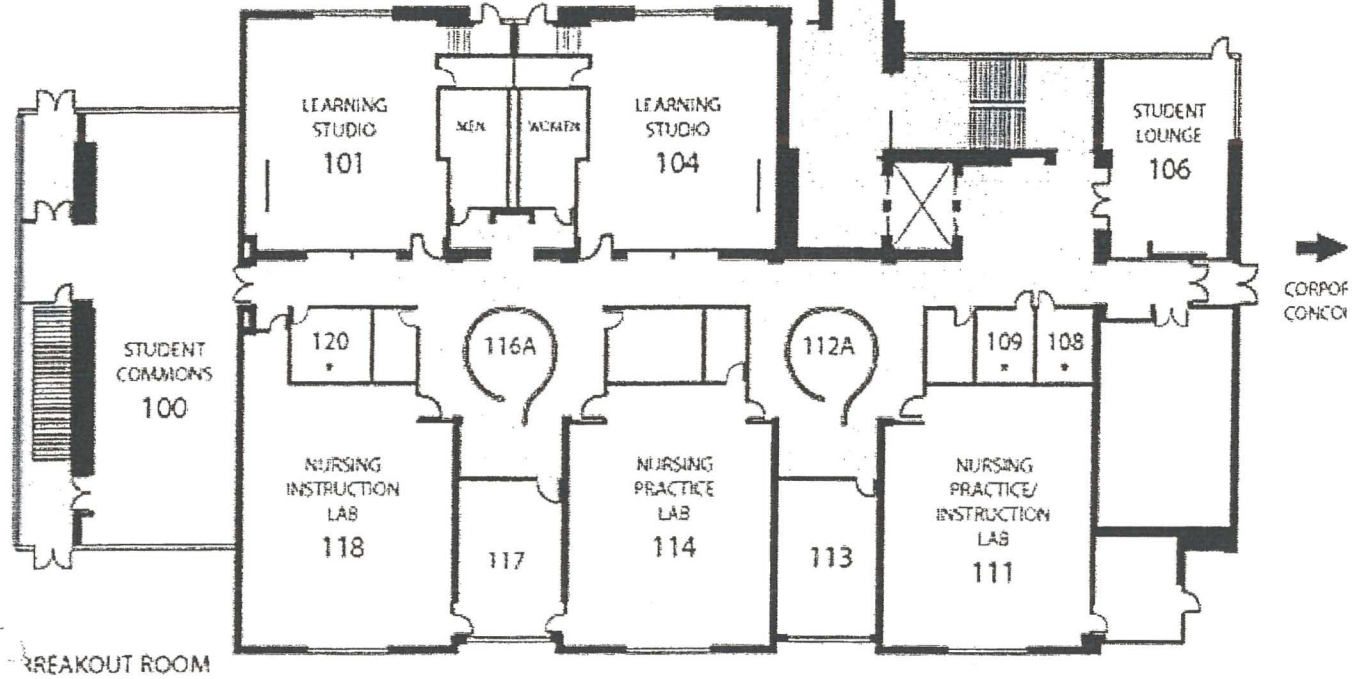


Health Laboratory Center

Go to Second Floor

N-1

1ST FLOOR

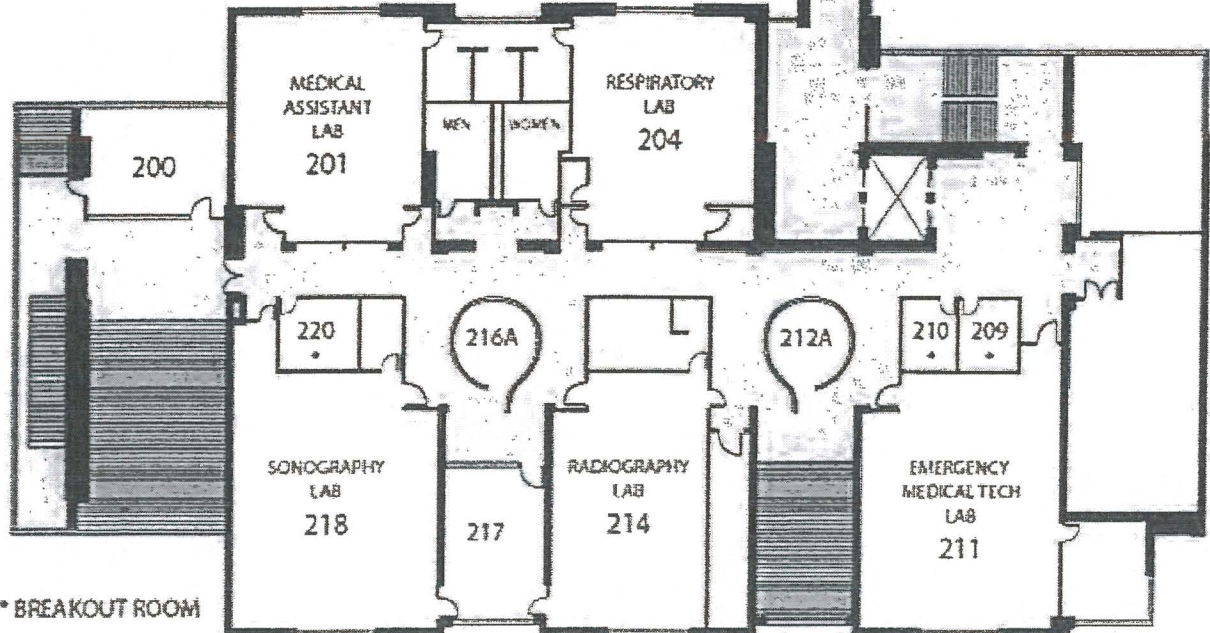


Health Laboratory Center

Go to First Floor

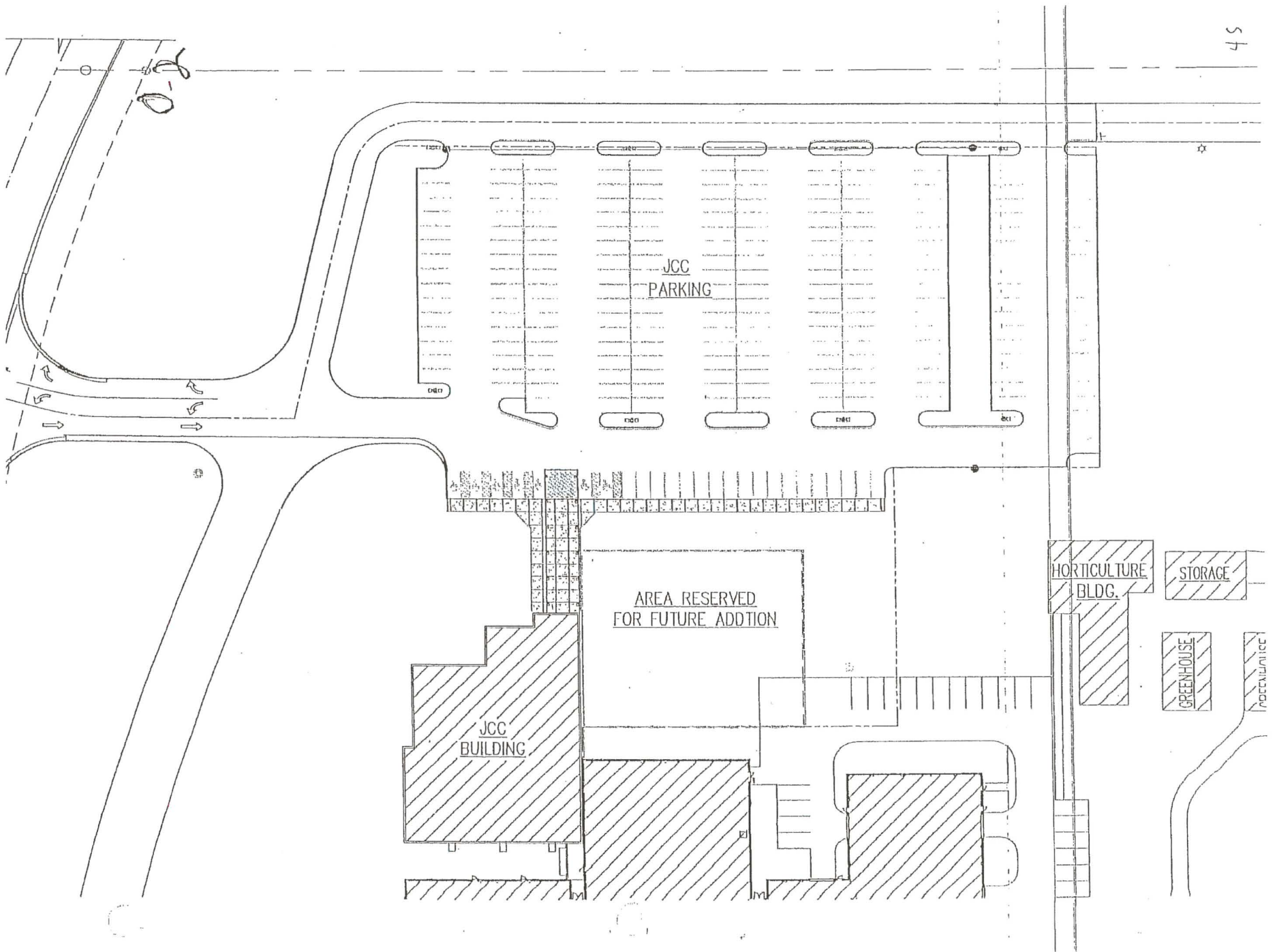
N-2

2ND FLOOR



44





46



47



Amiscale Center Floor Plan

R-1

14

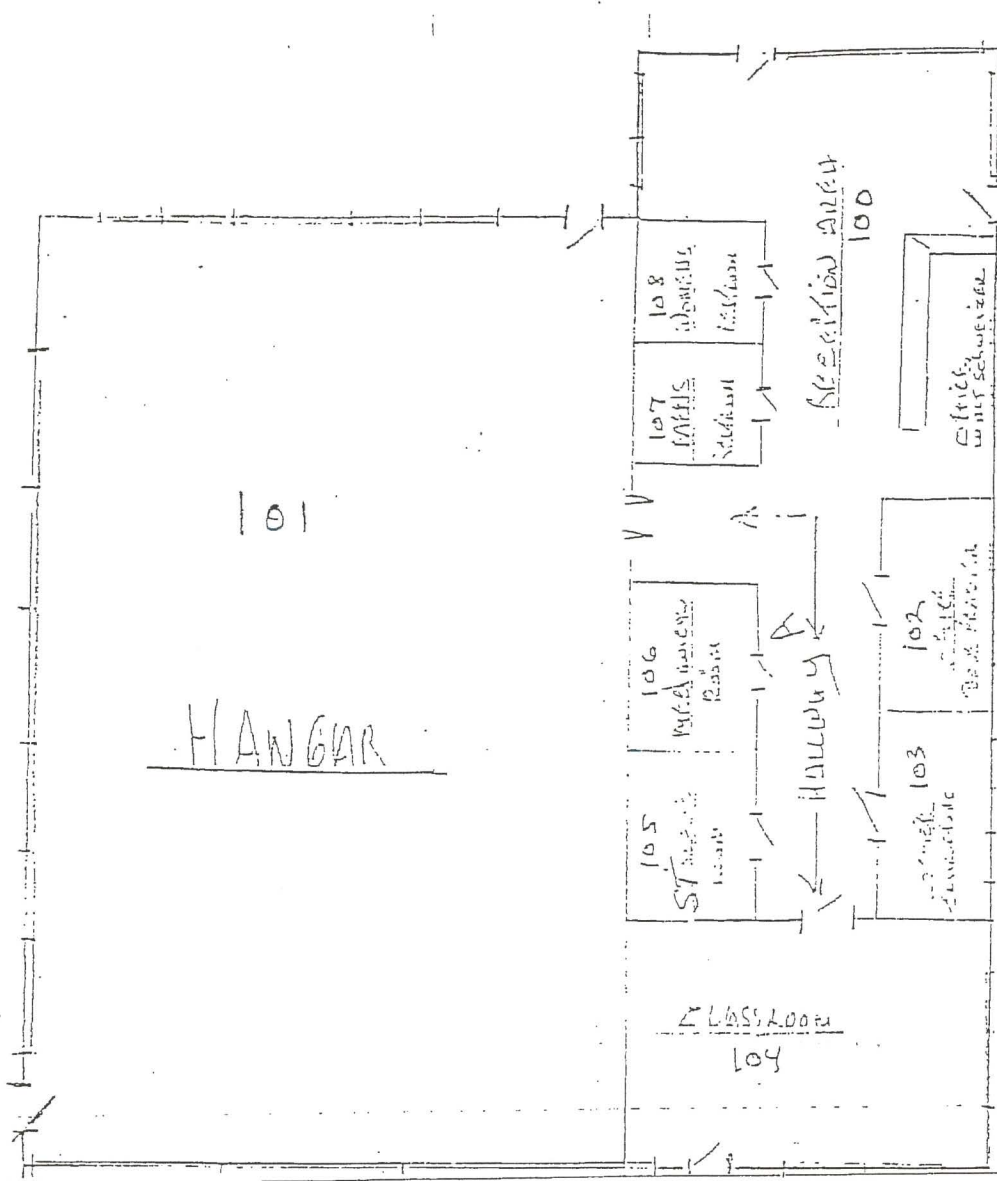
Office 8'X10' H-1105	Office Area H-1103	Student Lounge H-1102
Office 8'X10' H-1104		
Entrance H-1101		

Conference Room 13'X12'	Vending Machines	Men's Bathroom	Storage
	Bookstore 6'X14'	Women's Bathroom	Storage
Classroom 27'X30' Computer Room 17		Classroom 26'X30'	
Classroom 27'X30'		Classroom 27'X30'	
Classroom 27'X30'		Classroom 27'X30'	
Classroom 27'X30'		Classroom 27'X30'	

Aprox. 145' X 70'

10150

T-1



See Floor Plan

[illegible][illegible]

NOTE: SEE SHEET A4 FOR LIGHT FIXTURE LOCATIONS PER REFLECTED CEILING PLAN



CM	<p>CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO LEVINTON, PROVIDE SENSORS AS SHOWN ON DRAWING, OR AS REQUIRED. EACH LEVINTON SENSOR PACKAGE TO INCLUDE AT A MINIMUM:</p> <ul style="list-style-type: none"> - DS520-MOW SENSOR - DS520-500 POWER PACK - DS540-ROO ADD A RELAY IF NECESSARY
WM	<p>WALL MOUNTED OCCUPANCY SENSOR EQUAL TO LEVINTON, PROVIDE SENSORS AS SHOWN ON DRAWING, OR AS REQUIRED. EACH LEVINTON SENSOR PACKAGE TO INCLUDE AT A MINIMUM:</p> <ul style="list-style-type: none"> - DSW12-MOW SENSOR - DS520-500 POWER PACK - DS540-ROO ADD A RELAY IF NECESSARY

ADDITIONAL OCCUPANCY SENSOR INSTALLATION NOTES:

1. SEE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SENSOR CONTROLS AND INTER-CONNECTION OF MULTIPLE SENSORS WITH ONE OR MORE POWER PACKS AND ADD-A RELAYS.
2. SENSORS TO BE A MAXIMUM OF 9' A.F.F. FOR OPTIMUM OPERATION.
3. CIRCUITS CONTAINING FIXTURES WITH EMERGENCY BALLASTS TO HAVE UNSWITCHED LOCAL CIRCUIT EXTENDED TO FIXTURES.
4. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INITIAL SET UP AND CALIBRATION OF SENSORS.
5. AREAS SHOWN WITH LOCAL SWITCHING TO HAVE SWITCHES ON LOAD SIDE OF AUTOMATIC CONTROLS.

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TEL: 303.733.1300
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PROJECT

JACKSON COLLEGE
MAHER CAMPUS

CENTRAL CORE RENOVATION

DATE	REVISIONS	APP'D
X-XX-XX	ISSUED FOR BID PACK 1	J.C.

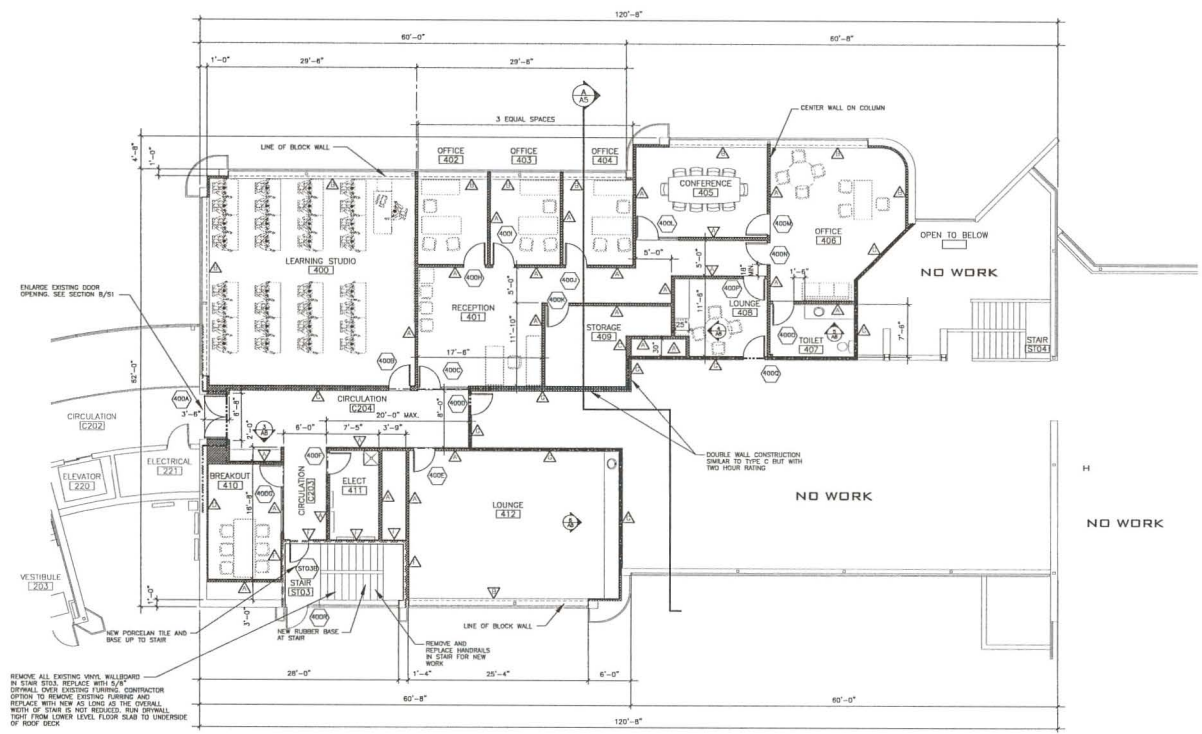
FILE NUMBER 2096	ORIGIN BY J.C.	DATE ISSUED
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SHEET TITLE

UPPER LEVEL
LIGHTING PLAN

SHEET NUMBER
E 4

54



UPPER LEVEL FLOOR PLAN
 1/8" = 1'-0"
 NOTE: SEE SHEET S1 FOR STRUCTURAL WORK THIS FLOOR

- TYPICAL HEIGHTS**
 TOP OF SLAB TO BOTTOM OF FLOOR JOIST = 11'-0" AT BEAM, 10'-7" AT WINDOW
 TOP OF SLAB TO UNDERSIDE OF STEEL BEAM = 11'-0"
- WALL LEGEND**
- EXISTING 2 HOUR RATED CONSTRUCTION
 - EXISTING WALLS ARE MIN. OF 8" CONCRETE
 - BLOCK WALLS THAT RUN TIGHT TO UNDERSIDE OF EXISTING ROOF DECK
 - EXISTING 1 HOUR FIRE BARRIER
 - NEW 1 HOUR FIRE BARRIER
 - NEW 2 HOUR FIRE BARRIER
 - NEW SMOKE BARRIER
- 5/8" EPSILON PANEL EACH SIDE OVER 3 5/8" 20 GA. STEEL STUDS @ 16" O.C. WITH SOUND ATTENUATED BATT INSULATION, RUN WALL, TIGHT FROM TOP OF FLOOR SLAB TO UNDERSIDE OF FLOOR OR ROOF DECK
- 5/8" EPSILON PANEL OVER 3 5/8" 20 GA. STEEL STUDS @ 16" O.C. WITH SOUND ATTENUATED BATT INSULATION, RUN WALL, TIGHT FROM TOP OF FLOOR SLAB TO UNDERSIDE OF SECOND FLOOR DECK. SEE SECTION C/A/S FOR ADDITIONAL NOTES
- DOUBLE WALL CONSTRUCTION CONSISTING OF 5/8" EPSILON PANEL OVER 3 5/8" 20 GA. STEEL STUDS @ 16" O.C. WITH SOUND ATTENUATED BATT INSULATION IN EACH WALL, RUN 5/8" EPSILON PANEL FIRST COLUMN FLANGE, RUN WALL TIGHT FROM TOP OF FLOOR SLAB TO UNDERSIDE OF FLOOR OR ROOF DECK
- NEW 5/8" EPSILON PANEL OVER 1 1/2" 2 FLOORING @ 16" O.C. RUN WALL TIGHT FROM TOP OF FLOOR SLAB TO UNDERSIDE OF FLOOR OR ROOF DECK
- NEW 5/8" EPSILON PANEL OVER NEW 6 ML. VAPOR BARRIER OVER EXISTING 3 1/2" BATT INSULATION OVER EXISTING STUDS IF STUDS ARE NOT PRESENT, INSTALL 20 GA. STEEL STUDS AT 16" O.C. WITH SOUND ATTENUATED BATT INSULATION, RUN WALL TIGHT FROM TOP OF FLOOR SLAB TO UNDERSIDE OF ROOF DECK. SEE SECTION B/A/S FOR ADDITIONAL NOTES
- 1 HOUR RATED WALL, U.L. DESIGN NUMBER L445.
- 5/8" EPSILON PANEL OVER 3 5/8" 20 GA. STEEL STUDS @ 16" O.C. WITH SOUND ATTENUATED BATT INSULATION, RUN WALL, TIGHT FROM TOP OF FLOOR SLAB TO UNDERSIDE OF ROOF DECK
- 3 HOUR RATED WALL, U.L. DESIGN NUMBER L411.
- 2 LAYERS OF 5/8" SHEETROCK (BROAD EPSILON PANEL, FIRECODE CODE, 25 1/2" SHEETROCK BRAND EPSILON PANEL, FIRECODE C CODE, EACH SIDE OVER 3 5/8" 20 GA. STEEL STUDS 16" O.C. WITH SOUND ATTENUATED BATT INSULATION, RUN WALL, TIGHT FROM FLOOR SLAB

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FILE NUMBER	DATE	THROW (P)	DATE ISSUED
2014		JAC	

Architectural floor plan of the second floor of the New York Public Library. The plan shows a complex arrangement of rooms and circulation paths. Key areas include the Reading Studio, Circulation, and various study areas. The plan is annotated with numerous labels and notes, including a detailed section line and a list of notes regarding the plan's specifications.

Notes:

1. SEE PLAN AND SECTION FOR DETAILS.
2. SEE PLAN AND SECTION FOR DETAILS.
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100. SEE PLAN AND SECTION FOR DETAILS.

2'X2' LAY-IN ACOUSTICAL TILE CEILING SYSTEM

PAINTED DEPOSED STRUCTURE

CEILING MOUNTED PROJECTOR

PROJECTION SCREEN

2 X 4 FLOURESCENT LIGHT FIXTURE FOR LAY IN CEILING

RECESSED LIGHT FIXTURE

HVAC SUPPLY REGISTER

CEILING HEIGHT ABOVE FINISH FLOOR

* SEE MECHANICAL DRAWINGS FOR DIFFUSER LOCATIONS

TYPICAL HEIGHTS

TOP OF SLAB TO UNDERSIDE OF STEEL FLOOR DECK = 11'-6"

WALL LEGEND

EXISTING WALLS ARE MADE OF 8" CONCRETE BLOCK WALLS THAT RUN TIGHT TO UNDERSIDE

= EXISTING 1 HOUR FIRE RATING

NEW 2 HOUR FINE DANCE

NOTE: INSTALLATION, WIRING, UTILITIES, ETC., AS HIGH AS POSSIBLE. RAISE CEILINGS IN ROOMS 300, 301 AS HIGH AS POSSIBLE.

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DRAWN BY J.C.			
DATE ISSUED			

PROJECT
JACKSON COLLEGE
MAHER CAMPUS
CENTRAL CORE RENOVATION



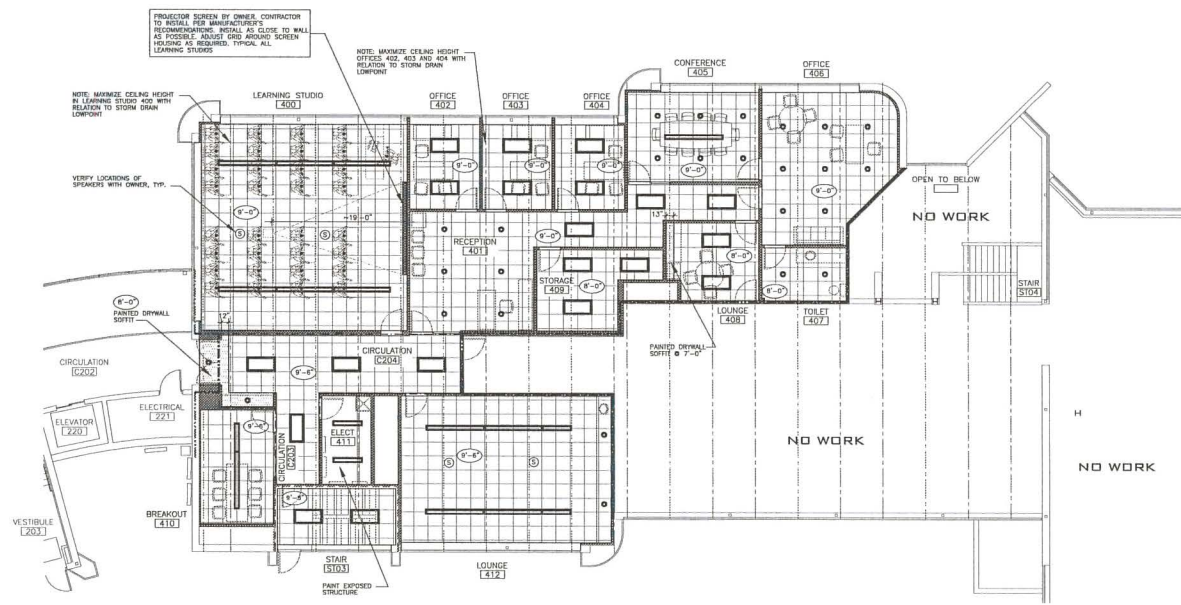
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JACKIE R. COVATTA
317.758.9190

SHEET NUMBER
A3

W7



UPPER LEVEL REFLECTED CEILING PLAN
 1/8" = 1'-0"
 NOTE: INSTALL OUTWORK, PIPING, UTILITIES ETC. AS HIGH AS POSSIBLE. RAISE CEILINGS IN ROOMS 400 AND 412 AS HIGH AS POSSIBLE.

CEILING LEGEND

- 2'X2' LAY-IN ACOUSTICAL TILE CEILING SYSTEM
- PAINTED EXPOSED STRUCTURE
- CEILING MOUNTED PROJECTOR
- PROJECTION SCREEN
- 2 X 4 FLUORESCENT LIGHT FIXTURE FOR LAY-IN CEILING
- SUSPENDED FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- PENDANT LIGHT
- HVAC SUPPLY REGISTER
- HVAC RETURN REGISTER
- CEILING HEIGHT ABOVE FINISH FLOOR

TYPICAL HEIGHTS

TOP OF SLAB TO BOTTOM OF FLOOR JOIST = 11'-0" AT REAR, 10'-7" AT WINDOW
 TOP OF SLAB TO UNDERSIDE OF STEEL BEAM = 11'-0"

WALL LEGEND

- EXISTING 2 HOUR RATED CONSTRUCTION
- EXISTING WALLS ARE MIN. OF 8" CONCRETE
- BLOCK WALLS THAT ARE TYP. TO UNDERSIDE OF EXISTING ROOF DECK
- EXISTING 1 HOUR FIRE BARRIER
- NEW 1 HOUR FIRE BARRIER
- NEW 2 HOUR FIRE BARRIER
- NEW SMOKE BARRIER

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1-14-18	ISSUED FOR 300 PAGE 1	JLC

FILE NUMBER	DATE	DATE
2018	2018	2018

**UPPER LEVEL
 REFLECTED CEILING PLAN**

A4

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 ARE IN ACCORDANCE WITH THE DESIGN INTENT. THE ARCHITECT'S RESPONSIBILITY IS NOT
 TO CONDUCT FIELD SURVEYS OR INSPECTIONS. THE ARCHITECT'S RESPONSIBILITY IS TO
 PROVIDE THE FIELD WITH THE NECESSARY INFORMATION TO COMPLETE THE WORK.

A1

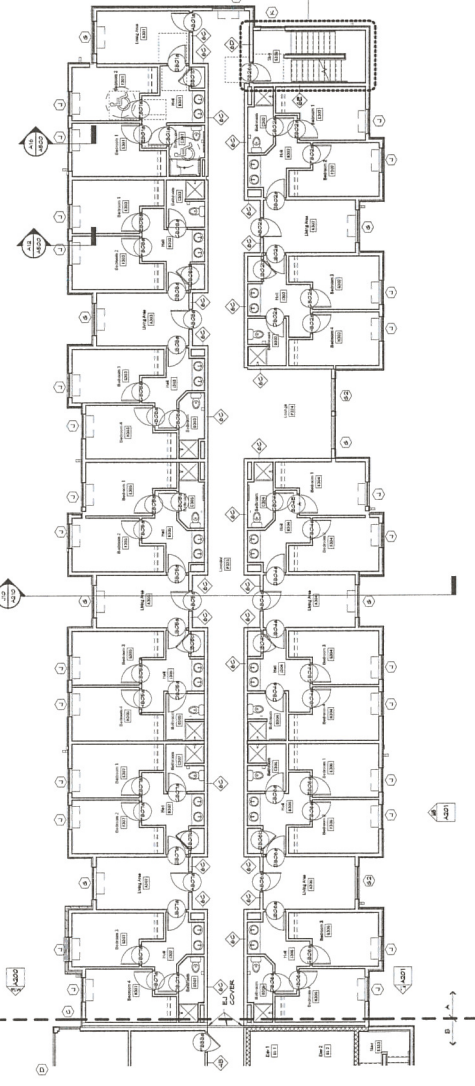
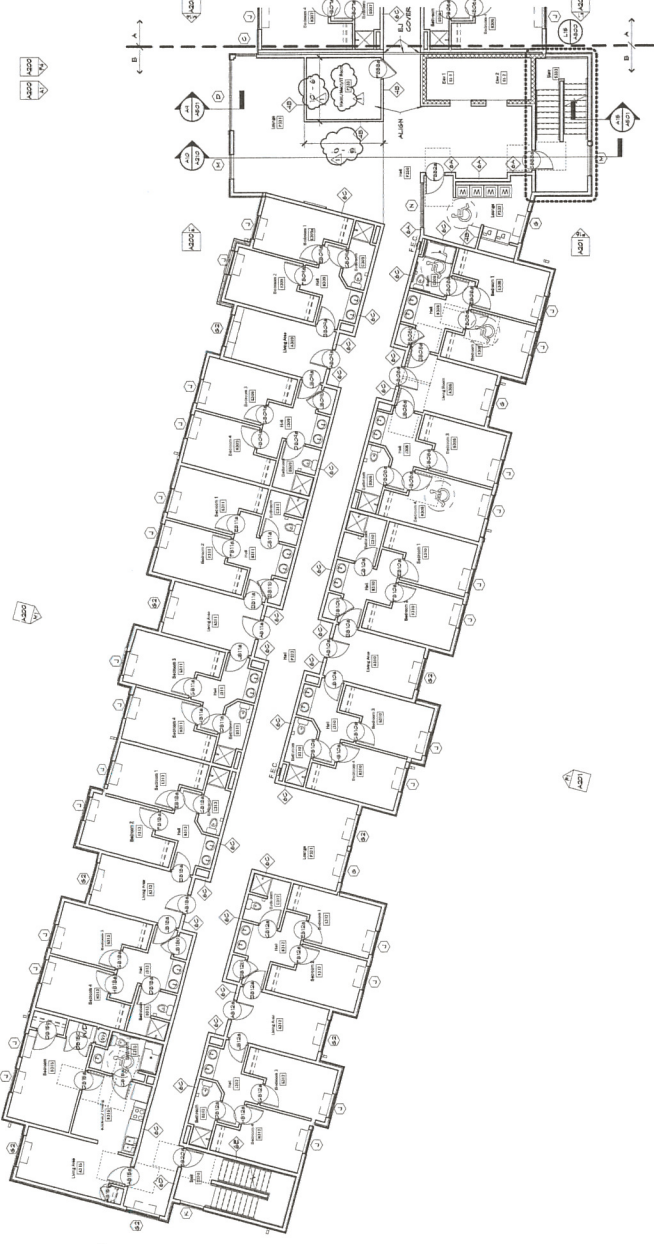
Level 3 Floor Plan - Area A

Scale
1/8" = 1'-0"

H1

Level 3 Floor Plan - Area B

Scale
1/8" = 1'-0"



KEY PLAN



LEVEL 3 - FLOOR PLAN

A103

DATE: 1/15/2014
DESIGNED BY: CHANG
CHECKED BY: CHANG

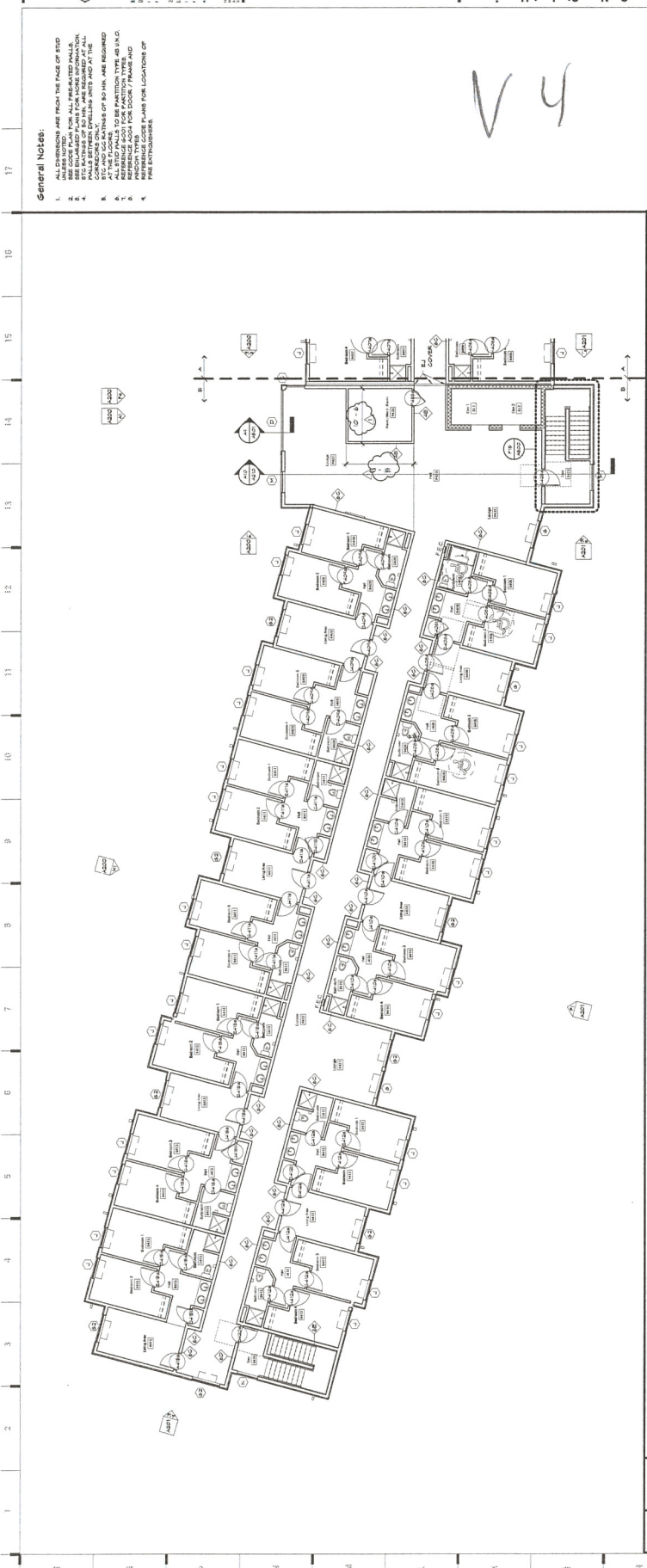


Jackson College - Campus View 3 - New Student Housing
Student Suites
211 Emmons Road, Jackson, Michigan 49201
Addendum #1 Set

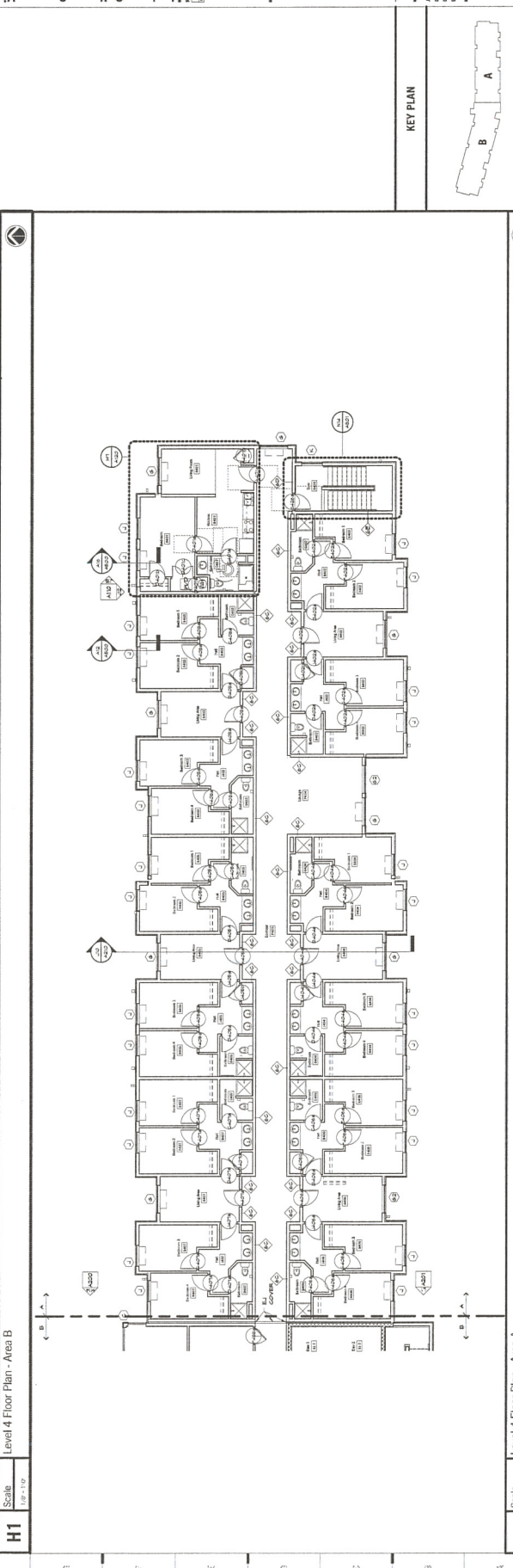
- General Notes:**
1. ALL DIMENSIONS ARE FROM THE FACE OF STUD
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hollis + miller
architects





H1 Scale 1/8" = 1'-0" Level 4 Floor Plan - Area B



A1 Scale 1/8" = 1'-0" Level 4 Floor Plan - Area A



General Notes:

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hollis + miller
architects

2111 Emmons Road, Jackson, Michigan 49201
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Jackson College - Campus View 3 - New Student Housing

**JACKSON COLLEGE
FY'18 CAPITAL OUTLAY PROJECT REQUEST**

Project Title: Health, Sport Management & Kinesiology (HSK) Center

Project Focus: Academic

Type of Project: New Construction

Approximate Square footage: 60,000

Total Estimated Cost: \$9,900,000

Estimated Duration of Project: 12 Months

Is the Five-Year Plan posted on the institution's public website? YES

Is the requested project the top priority in the Five-Year Capital Outlay Plan? YES

1. Describe the project purpose:

The purpose of creating the Jackson College Health, Sport Management & Kinesiology (HSK) Center is literally at the heart of Jackson College's mission, which declares that we are an institution of higher education whose mission it is to assist all learners in identifying and achieving their educational goals. This proposed Capital Outlay project will advance this mission insofar as it will provide opportunities, physical space, and instructional programming designed to assist students in completing a credential of market value, entering the workplace or transferring to a baccalaureate-degree granting institution.

More particularly, this specific stand-alone HSK project will provide the educational spaces, classrooms/learning studios, clinical and lab settings for students who seek specific credentials leading to employment or transfer, as well as for those students who may wish to pursue additional degree options in either our Health Science and Business Educational Pathways: <https://www.jccmi.edu/academics/programs-of-study/> At the same time, the construction of this HSK project creates new jobs for the State of Michigan and concomitantly leverages existing facilities on the College's Central Campus.

This new facility will allow Jackson College to provide related and necessary instructional programming leading to high-demand, high wage-paying jobs in the business/management area, such as Sports Directors/Managers, Sports Media Specialist, Coaching Staff Manager, Sports Facility Manager, Event Operations Director, Sales Director, Sports Marketing Specialist, Sport Information Director, Customer Relations Manager and Account Manager. Indeed, the broader international sport industry also provides many opportunities for students in many different

geographic areas in fields including business, management, facility and event management, marketing and promotion, field research and more.

Additionally, a Health, Sport Management or Kinesiology degree is not simply focused on working with athletes in the collegiate or professional sporting world. Kinesiology is more particularly the scientific study of human movement, which addresses physiological, mechanical, and psychological mechanisms. Specific applications of kinesiology to human health in the Health Science Pathway include biomechanics and orthopedics, strength and conditioning, sport psychology, methods of rehabilitation, such as physical and occupational therapy, as well as sport and exercise. Thus, related jobs that our graduates would pursue in this aspect of the program would include Fitness Instructor, Occupational Therapist, Personal Trainer, First-Aid Responder, Athletic Trainer, Physical Therapist, Rehabilitation Specialist, Physical Education Teacher, Exercise and Sport Psychologist, and Recreational Therapist.

While the aforementioned Business and Health Science Pathways represent a large aspect of many careers available to those who wish pursue a degree in Health, Sport Management and Kinesiology, they are not the only ones, as there are many related corporate aspects and opportunities such a degree represents.

2. Scope of the project:

The intended construction of this approximately 60,000 square foot instructional and lab facility will be comprised of the following elements:

- Classrooms/Learning Studios
- Learning/Training/Therapy Labs
- Student-based Study/Breakout Rooms
- Demonstration Spaces
- Faculty/Staff Offices
- Conference Room
- Maintenance Areas
- Human Circulation Spaces
- Restrooms
- Storage

The plan for the new HSK facility will also include a connector to the College's existing Cuiss Fieldhouse building, thereby leveraging aspects of circulation for our students to not only move between existing and new classrooms on campus, but also capitalize on existing training and fitness equipment, while also encouraging more student utilization of existing spaces.

3. Program focus of occupants: The particular focus of the proposed Health, Sport Management and Kinesiology programming is, of course, providing education in courses and instructional programs that meet a strong market demand. The particular design focus of the instructional spaces is built around faculty input, recommendations from related instructional advisory groups, as well as health and kinesiological industry standards. Ultimately, the space will provide practical, clinical, practicum and programmatic instructional experiences designed to advance student success in their program of study, degree and/or credential completion, and/or transferring to a baccalaureate program or immediate employment in the industry.

4. How does the project support Michigan's talent enhancement, job creation and economic growth initiatives on a local, regional and or/statewide basis?

This project will provide for the education and practical experience necessary for students to enter into a high-demand job market that is comprised of various specialization areas, as noted previously. More particularly, the U.S. Bureau of Labor Statistics predicts that job growth in sports management will grow faster than average for many areas of the job field through 2024 principally due to an occupational expansion prompted by national multi-billion job growth projections from the Bureau of Labor Statistics, through 2024, are approximately 6-9% over the period.

This HSK project will support the provision of training opportunities for community members, unemployed workers, and students in high demand, high wage jobs. For example, according to the 2016-17 Occupational Outlook Handbook from the U.S. Bureau of Labor Statistics (BLS), the median national annual salary for an agent or business manager of artists, performers and athletes is \$64,200. Additionally, Coaches and Scouts see an annual salary of \$30,640, and a Sports Marketing Manager can earn, on average \$127,130. Furthermore, in the Health Sciences Pathway, students seeking to become a Personal Trainer could earn \$41,920. Athletic Trainers earn, on average \$38,926, Physical Therapists earn an average of \$86,520, and Physical Education Teachers can earn \$59,280, as examples of career earning potential.

Jackson College is one of the largest employers in Jackson County. As such, this project will provide yet additional, future opportunities to employ additional individuals at the College. At a regional level, we are committed to using a competitive bid process but pride ourselves in employing local and regional contractors and vendors. This project will have an economic impact of approximately \$42 million dollars and create an estimated 125 jobs during the construction of the facility, which will provide direct economic growth in our region. In addition, the operations of the new facility will require the addition of 21 full- and part-time faculty and staff positions at Jackson College.

5. How does the project enhance the core academic and/or research mission of the institution?

Jackson College is an institution of higher education whose mission is to assist learners in identifying and achieving their educational goals. This project will provide additional academic and career options for students and enhance our health, wellness, sport, and kinesiology curricula. In addition, the building will provide the capacity necessary to increase these course and program offerings.

Students who complete these programs will have a high-quality learning experience in a modern facility and be prepared for immediate entry into the workforce. The two most popular certifications available in sports management are the sports management certificate offered to those students who are pursuing a bachelor's degree, and the associate's degree in sports management, which allows students a way to enhance their skills and professional credentials. In addition, other degree and certification options on the health science aspect of the planned instructional program include sport psychology, physical therapy, exercise physiology and athletic training.

6. Is the project focused on a single, stand-alone facility? If no, please explain.

This HSK facility will be stand-alone and constructed in the vicinity of our existing Cuiss Fieldhouse so that existing aspects of our current building can be leveraged to support the new instructional programming planned for this new building. The characteristics of the current fieldhouse are planned to be shared among other curricula, which will keep the cost of the construction to a minimum. Indeed, a hallway will allow the two buildings to connect and facilitate the circulation of students and encourage the use of both spaces, and equally importantly, provide for students with limited mobility.

7. How does the project support investment in or adaptive re-purposing of existing facilities and infrastructure?

As noted above, given the close proximity of this proposed HSK facility to the existing Victor Cuiss Fieldhouse, we plan to connect both buildings, with a corridor in order to share standards amenities including, locker rooms, restrooms, classrooms and other common spaces, as well as establish control/access points for security purposes. Doing so lowers the overall cost of the new HSK facility.

8. Does the project address or mitigate any current health/safety deficiencies relative to the existing facilities? If yes, please explain.

The new HSK building will provide for disabled students to participate more fully in this facility than is possible in the neighboring Victor Cuiss Fieldhouse, as it was constructed

in the 1960s with limited access, and design limitations. Furthermore, the new HSK facility will allow the existing, neighboring building to be less crowded in some of its learning/lab spaces – indeed this building is unable to meet student demand currently. Additionally, this building will provide for an all-gender focus on restroom and changing spaces for students, which will remove load from other, limited spaces around the rest of the Central Campus.

9. How does the institution measure utilization of its existing facilities, and how does it compare relative to established benchmarks for educational facilities? How does the project help to improve the utilization of existing space and infrastructure, or conversely how does current utilization support the need for additional space and infrastructure?

The College currently uses scheduling software to track both space and energy utilization, as well as overall operational efficacy. Further, each building is separately metered and monitored. We believe each building has unique programming and academic needs so we focus our attention on our annual utilization reports and academic programming to determine the particular need and use for space. The neighboring facility (i.e., Cuiss Fieldhouse) has no room for classroom or lab expansion in the current building envelope, as nearly the entirety of the facility is dedicated as a gymnasium and a few related spaces. This leaves little space for academic programming (only once classroom exists in the entire building) but with the addition of a sport management and kinesiology program, we will need academic and lab spaces to support these programs.

In addition, the planned facility will incorporate the required, and established, benchmarks of higher educational buildings, included, but not limited to essential life-safety provisions, space and density considerations, enrollment growth provisions, energy use and carbon emissions, energy consumption, maintenance staffing levels per square foot, equipment standards, and commissioning requirements.

Finally, as noted previously, the current utilization of the Victor Cuiss Fieldhouse, relative to its non-performance spaces (i.e., classrooms, strength training, physical therapy and classroom spaces) is highly over-taxed. The facility not only services the College's traditional credit programming, but is also used for non-credit courses, as well as for classes associated with the DaVinci Public Charter School and the public academy of Jackson Preparatory & Early College (JPEC), both of which are located on the Jackson College Central Campus. Indeed, the College is unable to offer sufficient courses to meet student demand, let alone community needs currently. This HSK facility will reduce the over-use of the existing building and allow the College to meet current, as well as emerging demand.

10. How does the institution intend to integrate sustainable design principles to enhance the efficiency and operations of the facility?

The College has a proud history of obtaining USGBC LEED certifications for our buildings over the years. With this new HSK facility, the College plans to use energy efficient construction practices and sustainable design principles consistent with USGBC LEED certification requirements for the basis of construction.

Particular attention will be given to solar gain, building automation systems, footing and foundation design, right-sized HVAC, cross-ventilation, fenestration, envelope construction, alternative operational technologies, and waste material recycling. These and related principles will enhance the efficiency of the space and keep operating costs low. Furthermore, ongoing operations will incorporate sustainable practices and materials. It is our intention to pursue LEED certification for the building.

11. Are match resources currently available for the project? If yes, what is the source of the match resources? If no, identify the intended source and the estimated timeline for securing said resources.

Potentially – resources will be pursued for this project. More specifically, the College intends to utilize a combination of existing operating and existing private donations for this building. That said, and once the project is authorized, the Jackson College Foundation will include the HSK in its portfolio for funding support and aggressively seek donor support, which would be used in the College's match. Ideally, we would seek multiple naming opportunities for the facility and for interior spaces. At this point, we are unable to determine the timing or the amount of such gifts to the College. However, should no donor funding support become available, the College is prepared to provide the entire 50% match requirement from current operational revenues.

12. If authorized for construction, the state typically provides a maximum of 75% of the total cost for university projects and 50% of the total cost for community college projects. Does the institution intend to commit additional resources that would reduce the state share from the amounts indicated? If so, by what amount?

No. Jackson College will cover 50% of the cost of this stand-alone project, as required. Despite the fact that the College has local taxing capability, the local taxpayers have opted not to support additional taxation since 1964.

Jackson College Cost Share: \$4,450,000

State of Michigan Cost Share: \$4,450,000

13. Will the completed project increase operating costs to the institution? If yes, please provide an estimated cost (annually, and over a five-year period) and indicate whether the institution has identified available funds to support the additional cost.

Yes. The estimated annual operating cost for the building is approximately \$244,000 (i.e., \$1,MM over 5 years). The projected academic programming will generate new enrollment, which will be used to cover the additional operating cost, both in terms of additional tuition revenues and fees, as well as an enhanced share of state support through the community college funding formula.

14. What impact, if any, will the project have on tuition costs?

There will be no impact on tuition from the construction of this stand-alone facility, thus students will not be negatively impacted financially.

15. If this project is not authorized, what are the impacts to the institution and its students?

If this project is not authorized, the institution will not be able to expand its health, sport management and kinesiology programs and curricula providing additional training, degree and employment opportunities for students and community members. The health and sport industry is a high-demand, high wage industry documented by national research. Without this facility, we would be disadvantaging our students, likely limiting the College's enrollment, and affecting the College's overall relevance to the region. Clearly, such an occasion would be a distinct loss to the region currently served by Jackson College.

16. What alternatives to this project were considered? Why is the request project preferable to those alternatives?

There was considerable review and consideration of expanding and completely renovating the existing facility Victor Cuiss Fieldhouse, however cost estimates for remodel, substantial infrastructure replacement, HVAC improvements and upgrading are nearly twice the cost of what is currently proposed expense-wise with the HSK Facility.