

Athletic / Recreation Master Plan

Winona State University

submitted by:
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MASTER PLAN - FEBRUARY 2017



Create. Meaning. Together.

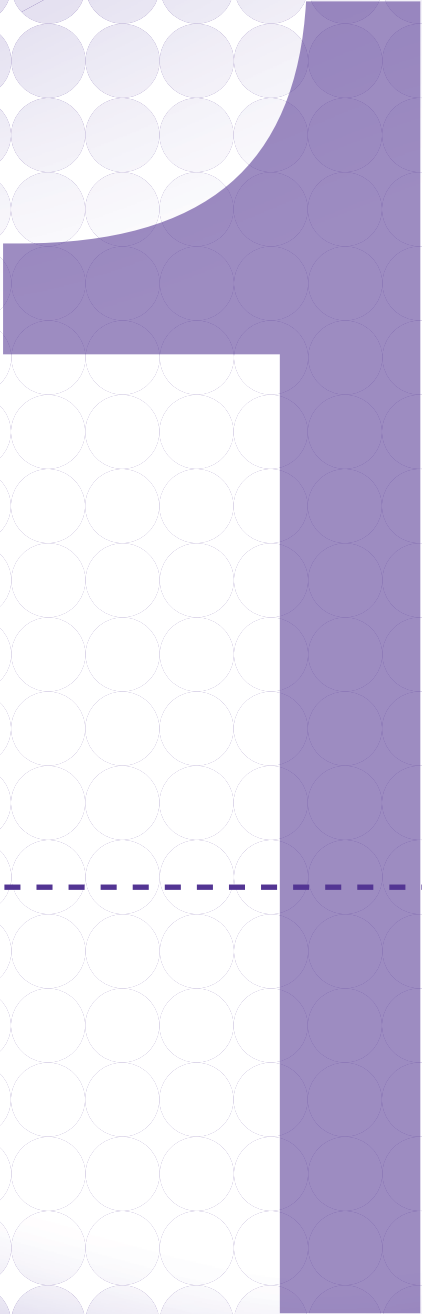
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INTRODUCTION

CHAPTER ONE





Introduction

Goal - Create a master plan for Athletics and Campus Recreation at Winona State University, Winona, Minnesota (WSU).

In 2015, WSU retained the design team of RDG Planning & Design to lead a master planning effort focused on determining the future needs of Athletics and Campus Recreation. RDG used a participatory planning process to engage users, administrators, and coaches in an effort to create a master plan that best met WSU needs, most accurately reflected the institutions values and culture, and positioned it for the future.

Process

The planning team analyzed existing athletic and recreation facilities, benchmarked WSU with peers, met with eleven focus groups to collect information on needs and likes/dislikes, examined the campus master plan, evaluated athletic/recreation trends, studied previous planning efforts, and then prepared numerous options for the planning committee to evaluate. The planning first focused on determining the types, quantity, and size of spaces and activity areas needed. Then the team worked to prepare multiple options showing how the spaces could be assembled on campus to meet the stated goals of the master plan. After collecting feedback on the various options, the planning team prepared a final master plan that met the needs of WSU.

ACKNOWLEDGEMENTS

CHAPTER TWO



Acknowledgements

The Planning Committee consisted of:

Winona State University, Athletics

- Eric Schoh, Director of Athletics
- Jennifer Flowers, Associate Athletic Director / SWA
- Chris Kautza, Assistant Athletic Director
- Mike Turgeon, Associate Athletic Director
- Tom Wynn, Warrior Club President

Winona State University, Facilities

- Mike Pieper, Assistant VP for Facilities Management
- Jim Kelly, Director of Planning & Construction

Winona State University, Finance and Administration

- Scott Ellinghuysen, Vice President / CFO

Winona State University, Recreation

- Mark Bambenek, Director of Intramural & Recreational Sports

RDG Planning & Design

- Al Oberlander, AIA, LEED AP, Project Principal / Sports Planner
- Jonathan Martin, PLA, Campus Master Planner
- Jennifer Cross, PLA, Site Planner
- Tyler Jessen, Architectural Intern

PROJECT
GOALS

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CHAPTER THREE



Project Goals

The planning goals and objectives culled from extended discussion with the Planning Committee are powerful but brief. They are informative, with clear directives.

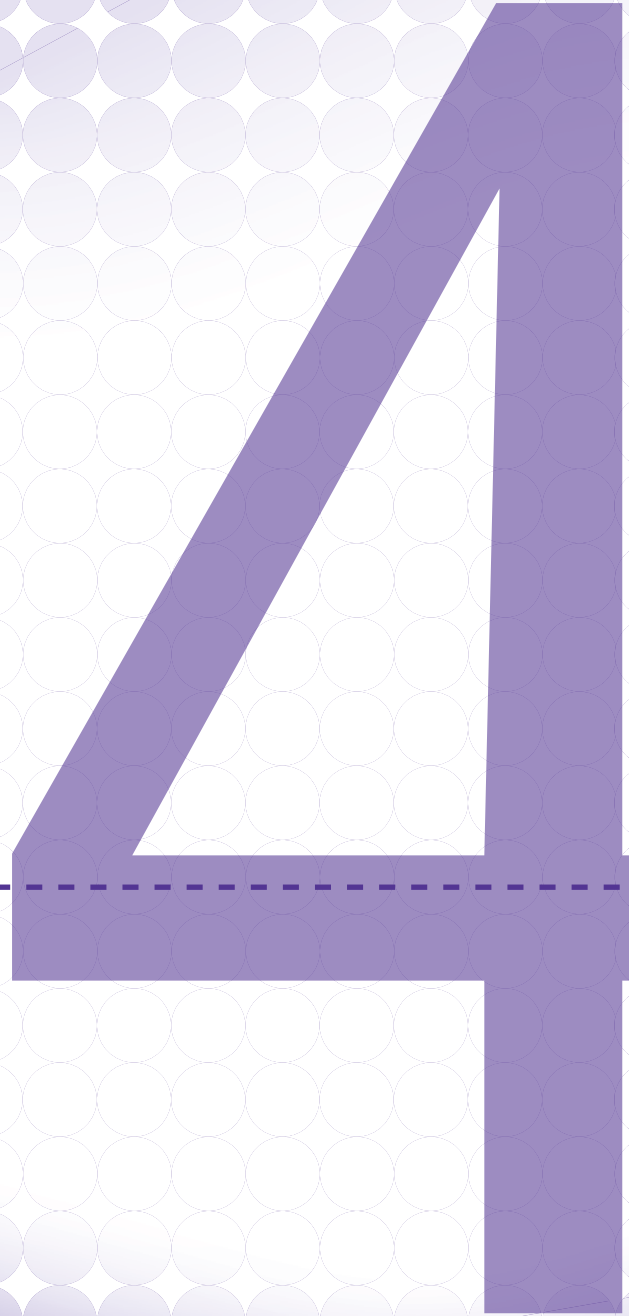
Master Plan Goals

- Assure a final plan that is compatible with the Winona State University campus master plan and strategic plan.
- Create a plan that enhances quality of life.
- Provide elements that aid in student recruitment and retention.
- Incorporate features for spectators that enhance their experience when attending WSU athletic events.
- Plan for spaces/activities that appeal to all years and genders.
- Create a plan that is implementable in a logical sequence.
- Create a plan that is a good steward of the money used to construct it.
- The plan should help the institution make good decisions for investments in sports, recreation, and wellness.

The plan should help WSU achieve:

- Increased Enrollment
- Safe Practice and Competition Venues
- Engaging Student Athlete and Fan Experience
- Quality Wellness and Fitness Campus Culture
- Top NCAA DII Facilities / Competitive with Peers
- Relieve Pressure on other Campus Facilities
- Accommodate Future Sports
- Reasonable Multi-Use of Space
- Memorable Places
- Implementable
- WOW

**EXISTING
FACILITIES**



CHAPTER FOUR

Existing Facilities

An important part of any master plan involves evaluating existing facilities. Below is a summary of existing facilities used to meet the needs of students at WSU for recreation and athletic activities.

Recreation and Athletics currently share use of several buildings on campus.

Memorial Hall

Built in 1953, Memorial houses locker rooms for recreation and athletics, academic space, the Talbot Gym, a swimming pool, and offices for athletics, recreation, and academics.

McCown Gym

Originally built as a multi-use space for indoor track, basketball, concerts, commencement, intramurals, classes, and other activities, this building is outdated and over scheduled.

Integrated Wellness Complex (IWC)

The newest part of the athletic and recreation offerings for WSU students includes space for recreation basketball, volleyball, cardio, jogging, and group exercise. Also offered

are academic spaces for health sciences. Athletics uses the space for weights, administrative offices, and a hall of fame.

The building is in good condition, however, it's intended use is being compromised because of demands on McCown Gym which has pushed some athletic practices into the IWC recreation gym.

Wabasha Recreation Center

This building on the east side of campus is currently used by recreation and academics for rock climbing and classes. It is also used by athletics for gymnastics.

The building is being eliminated as part of the Education Village so the athletic components in the building will need to be relocated.

Wabasha Hall / Education Village

This building currently houses academic space for the Education Department and also houses athletic department academic services.

This building will be eliminated for the new Education Village and therefore athletics will need to be relocated.



McCown Gym

Athletics has some outdoor areas which primarily serve their needs.

Maxwell Field / Stadium

The football stadium is home to football and soccer competitions and practice. The synthetic turf field is in good condition. The site is limited by rail lines to the north and a city street to the south.

Loughrey Baseball Field and Stadium

Located west of the football stadium, the baseball field fits on a tight site that results in foul balls exiting the field of play and endangering those walking or driving by.

Athletics shares use of other areas with community groups. All of these are located off campus.

- Track & Field shares an outdoor track with St. Mary's University. This venue is located several miles from campus and is viewed as an inconvenience for student athletes.
- Indoor Track is also shared with St. Mary's University and is also located quite far from the campus.
- Indoor Tennis occurs at a private tennis club in Winona that is located northwest of campus.
- Golf athletes use two local country clubs for practice and competition.
- Cross Country uses various locations within the community. They currently do not have a home course.
- Softball currently uses Alumni Field south of Sarnia. It is located in a city park and shared with Winona Parks & Recreation.

Based on assessment of the existing facilities, the following conclusions related to location, size, and condition are summarized below:

The existing Memorial Hall, McCown Gym, and Integrated Wellness Center complex is in an ideal location to serve students, however, Memorial and McCown are in need of a significant remodeling. IWC is in good condition. The swimming pool is outdated and requires significant investment to continue its useful life.



Memorial Hall Pool



Integrated Wellness Complex



Maxwell Field / Stadium

The Wabasha Recreation Center gymnastics area is undersized resulting in increased risk of injury for athletes. Access to the space is not ADA compliant. The exterior of the building is deteriorated and in need of extensive repairs. It needs to be relocated because of the current plan to use this space as part of the Education Village.

Maxwell Football Field currently lacks:

- Adequate locker rooms for home and visitors
- Adequate concessions and restrooms.
- Quality seating and an appropriate amount of seating.
- Convenient access around the stadium for fans.
- A collegiate feel to the stadium that is appropriate for a division 2 athletic program.

As mentioned above, the Loughrey Baseball Field site is very tight and results in compromised right field distances and dangerous areas from foul balls. The number and quality of seats, dugouts, concessions, restrooms, and press area are not adequate.

The shared softball field utilizes a movable outfield fence to accommodate the various skill levels who use the field. This does not portray the image expected by today's college softball players.

The outdoor and indoor shared track facilities and tennis location forces WSU students to make frequent trips off campus which increases risks of accidents and takes time away from practice and academics.

Although located off campus, golf and cross country locations are reasonable for these activities. It is not reasonable to locate a golf course next to campus nor is it feasible to locate a cross country course on campus because of the way campus is knitted into the Winona community. It would be desirable to identify a remote location that could serve as a dedicated cross country home course.

Users of Existing Facilities

The existing facilities are shared by multiple user groups which maximizes the use of space but also results in frequent conflicts. Those sharing use of space include:

Primary users

Student Athletes

- Use space for practice and competition.

Student Recreation Participants

- Use space for intramurals, club sports, and open recreation/fitness workouts.



Wabasha Recreation Center Gymnastics



Loughrey Baseball Field and Stadium



Shared Softball

Student Academics

- Use space for classes offered by Health Exercise & Rehabilitation Services, Recreation Tourism & Therapeutic Recreation, and Physical Education & Sport Science.

Staff and Faculty

- Use space for workouts and for teaching classes.

Spectators

- Use space to observe college and high school competitions.

Other users

Community

- No community health club memberships are available to citizens.

Camps

- Coaches host summer camps which utilize all existing spaces. These events bring many high school students on campus.

High Schools

- The football stadium is home field for high school football.
- McCown Gym hosts a high school basketball tournament over Christmas break.

Partners

Winona Parks and Recreation

- WSU and the City of Winona share some use of indoor and outdoor space.

Gymnasium space

- Parks and Recreation uses WSU gym space for community volleyball and basketball.

Outdoor fields

- WSU uses Parks and Recreation fields for intramurals and for softball.

St. Mary's University

- WSU and St. Mary's share use of the St. Mary's indoor and outdoor track and field facilities.

Winona Tennis Center

- This private tennis club is the home for WSU tennis.

Golf Clubs

- The men's and women's golf programs use the Bridges and Cedar Valley Golf Clubs for practice and competition.

PROGRAM
OF NEEDS

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CHAPTER FIVE



Program of Needs

WSU currently provides opportunities for students to participate in the following athletic sports:

Men

- Baseball
- Basketball
- Cross Country
- Football
- Golf

Women

- Basketball
- Cross Country
- Golf
- Gymnastics
- Soccer
- Softball
- Tennis
- Track & Field
- Volleyball

Possible future sports

- Men's Wrestling
- Women's Rugby
- Men's Track & Field
- Women's Lacrosse

Possible growth sports

- Women's Track & Field

Recreation opportunities on campus include:

Indoor

- Women's volleyball
- Co-Ed volleyball
- Co-Ed indoor soccer
- 3 on 3 basketball
- 5 on 5 basketball
- Co-Ed 4 on 4 basketball
- Aquatics / lap swimming
- Jogging
- Cardio
- Weights
- Group fitness classes

Outdoor

- 9 man football
- 7 on 7 football
- Men's soccer
- Co-Ed Outdoor soccer
- Softball (Men's, Women's, & Co-Ed)
- Sand volleyball

Currently 63% of the campus population is female and the sports offered reflect this focus on opportunities for female students.

To create a list of needed spaces, the design team worked with the planning committee to review: peer data, trends in recreation and athletics, condition and size of existing spaces, and then used this foundational information to prepare the list and size of needed spaces.

Peer Institution Benchmarking

When compared to its peers, Winona State University is deficient in quantity and quality of space for athletics and recreation. Peers were identified by WSU in various categories.

League Peers

- St. Cloud University, St. Cloud, Minnesota
- Minnesota State University, Mankato, Minnesota
- University of Minnesota, Duluth, Minnesota
- Augustana University, Sioux Falls, South Dakota

National Peers

- Grand Valley State University, Allendale, Michigan

MIAA Conference Peers

- Northwest Missouri State University
- Pittsburg State University, Pittsburg, Kansas
- Emporia State University, Emporia, Kansas
- University of Central Missouri, Warrensburg, Missouri
- Missouri Western State University, Saint Joseph, Missouri

Regional Peers

- University of Wisconsin, Lacrosse for football and track.

Quantity of Space

The quantity of space is one method of comparing what an institution has to offer for athletics and recreation. The numbers reveal WSU is behind its athletic peers in amount of indoor turf, arena seating capacity, stadium seating capacity, locker room space, and total indoor square footage. WSU is comparable to regional athletic peers in weight room size but slightly behind national peers in this area. The biggest indoor deficiencies are:

- Indoor turf
- Indoor track
- Arena
- Football stadium seating / support
- Dedicated athlete weight area
- Gymnastics
- Team locker spaces

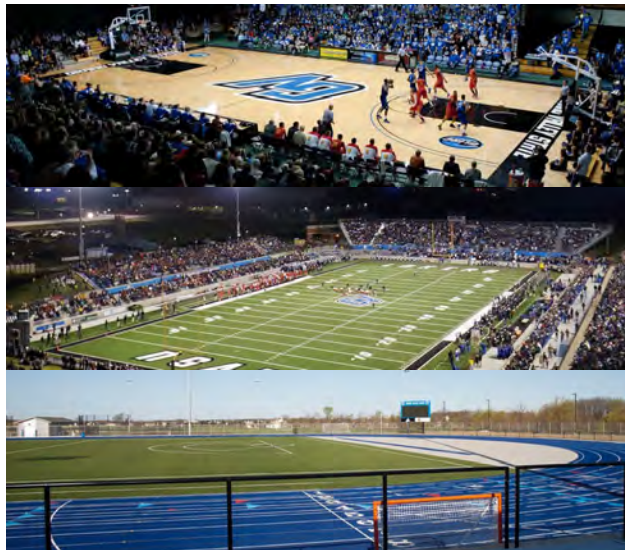
The biggest outdoor deficiencies are:

- On campus facilities for track and tennis

WSU is behind its recreation peers in amount of cardio and group exercise space and ahead in climbing, sand volleyball courts and passive recreation space. The biggest indoor deficiencies are:

- Recreation gyms (because existing gyms are used to meet athletic needs that could be met with an indoor turf facility)
- Recreation cardio space
- Recreation group exercise space
- The biggest outdoor deficiencies are:
- On campus fields for recreation football, soccer rugby, ultimate Frisbee, etc.
- On campus courts for tennis and basketball.

Athletic and Recreation peer comparison data follows:



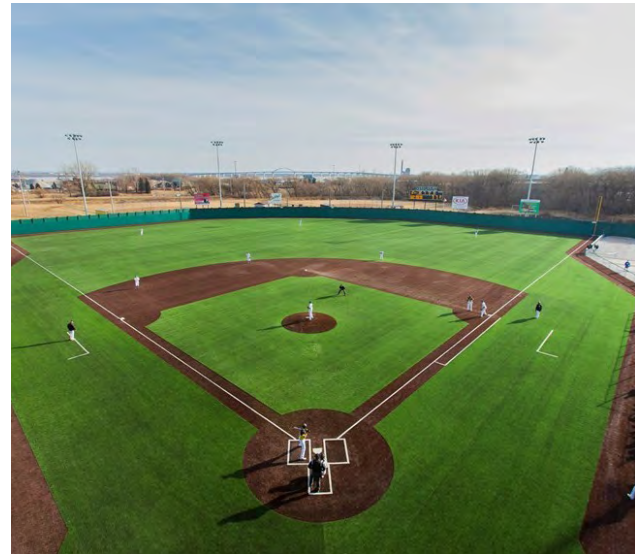
Grand Valley State



Augustana



St. Cloud State



University of Minnesota Duluth



Minnesota State University Mankato



Grand Valley State

Winona State University

St. Cloud State University

Minnesota State Univ. Mankato

Activity Areas	Winona State University			St. Cloud State University			Minnesota State Univ. Mankato		
	NSF	Qty	Total NSF	NSF	Qty	Total NSF	NSF	Qty	Total NSF
Indoor Facilities									
Lobby	1,826 NSF	1	1,826 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Control Desk	155 NSF	1	155 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Vestibule	103 NSF	1	103 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Strength / Weights	9,692 NSF	1	9,692 NSF	NSF	0	0 NSF	7,326 NSF	1	7,326 NSF
Fitness / Cardio	5,262 NSF	1	5,262 NSF	9,600 NSF	1	9,600 NSF	NSF	1	NSF
Personal Assessment	61 NSF	2	122 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Jogging Track	NSF	0	0 NSF	NSF	0	0 NSF	NSF	1	NSF
Group Ex	NSF	0	0 NSF	NSF	3	NSF	958 NSF	2	1,916 NSF
Multipurpose Room	2,586 NSF	1	2,586 NSF	NSF	1	NSF	NSF	0	0 NSF
Storage	233 NSF	1	233 NSF	NSF	1	NSF	NSF	0	0 NSF
Multipurpose Gymnasium	12,972 NSF	1	12,972 NSF	NSF	0	0 NSF	8,985 NSF	1	8,985 NSF
Auxiliary Gymnasium	NSF	0	0 NSF	NSF	0	0 NSF	24,621 NSF	1	24,621 NSF
Performance Gymnasium	31,000 NSF	1	31,000 NSF	NSF	1	NSF	100,000 NSF	1	100,000 NSF
Spectator Seating			seats			7,500 seats			4,800 seats
Storage	NSF	0	0 NSF	NSF	1	NSF	NSF	0	0 NSF
Concession	369 NSF	1	369 NSF	2,100 NSF	1	2,100 NSF	NSF	0	0 NSF
Ticket Booth	276 NSF	1	276 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Lobby	NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Swimming Pool / Natatorium	3,840 NSF	1	3,840 NSF	NSF	1	NSF	3,850 NSF	1	3,850 NSF
Fieldhouse / Indoor Track	NSF	0	0 NSF	NSF	1	NSF	134,078 NSF	1	134,078 NSF
Storage	NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Ice Arena	NSF	0	0 NSF	138,000 NSF	1	138,000 NSF	55,000 NSF	1	55,000 NSF
Climbing Wall	NSF	0	0 NSF	2,100 NSF	1	2,100 NSF	NSF	1	NSF
Racquetball Courts	800 NSF	5	4,000 NSF	800 NSF	6	4,800 NSF	400 NSF	4	1,600 NSF
Massage	111 NSF	2	222 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Hall of Fame	825 NSF	3	2,475 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Classrooms	825 NSF	3	2,475 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Indoor Batting Cages	2,400 NSF	1	2,400 NSF	NSF	2	NSF	NSF	0	0 NSF
Indoor Tennis Courts	NSF	0	0 NSF	NSF	6	NSF	NSF	0	0 NSF
Indoor Golf Cages	NSF	0	0 NSF	NSF	1	NSF	NSF	0	0 NSF
Indoor Turf	NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
Storage	2,128 NSF	1	2,128 NSF	NSF	0	0 NSF	NSF	0	0 NSF
			99,536 NSF			156,600 NSF			356,122 NSF
Outdoor Athletic Facilities									
			New Memorial Hall						72,017
			Old Memorial Hall						70,224
			Wabasha Recreation						27,000
			Integrated Wellness						78,000
Football			Maxwell Stadium & Press Box			Husky Stadium / Dome			Blakeslee Stadium
			Stadium – 5320 GSF			4,400 spectators			7,000 seats
			Press Box – 9843 GSF			Omni Grass Turf Field			Opened 1962
						Dome – 72 feet high			
						Press Boxes: 3 radio booths, 1 TV booth, Coaches Boxes, President's suite			Master Plan – new stadium for football
Track & Field			Winona Community Sports & Rec Complex						Track & Field Complex
Cross Country Course									

University of Minnesota Duluth

Augustana College

Grand Valley State University

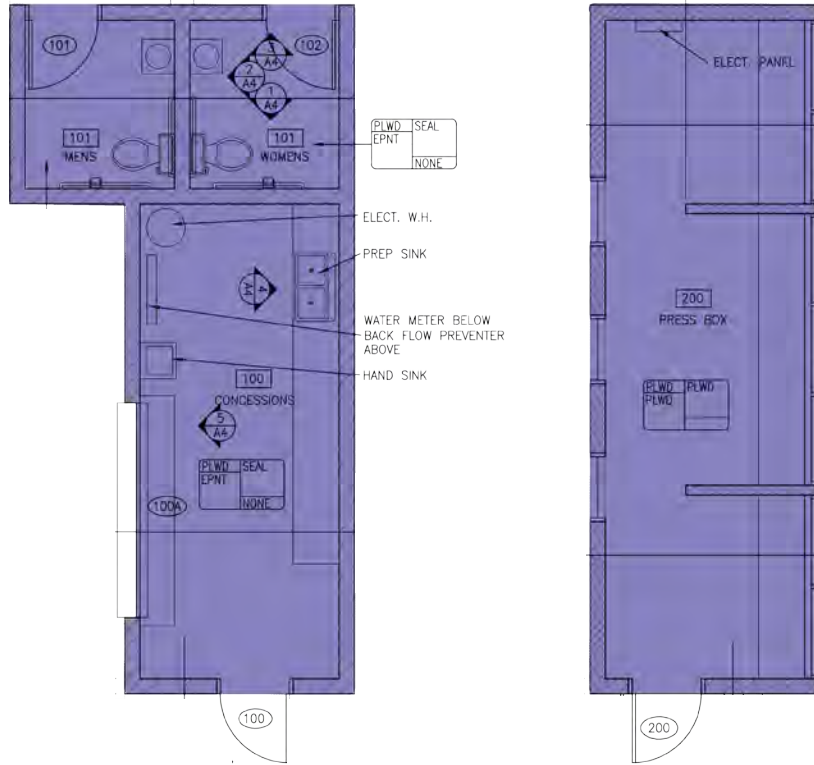
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NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	11,500 NSF	1	11,500 NSF
8,815 NSF	1	8,815 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	1	NSF
1,478 NSF	2	2,956 NSF	NSF	0	0 NSF	NSF	1	NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
252 NSF	1	252 NSF	NSF	0	0 NSF	NSF	0	0 NSF
12,000 NSF	1	12,000 NSF	NSF	0	0 NSF	NSF	1	NSF
NSF	0	0 NSF	28,000 NSF	1	28,000 NSF	NSF	0	0 NSF
24,378 NSF	1	24,378 NSF	27,000 NSF	1	27,000 NSF	300,000 NSF	1	300,000 NSF
2,759 seats			4,006 seats			4,200 seats		
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	25 yd NSF	0	0 NSF	22.86x25 NSF	1	NSF
NSF	0	0 NSF	85,000 NSF	1	85,000 NSF	138,000 NSF	1	138,000 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	800 NSF	2	1,600 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
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NSF	0	0 NSF	NSF	2	NSF	NSF	2	NSF
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NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
NSF	0	0 NSF	NSF	0	0 NSF	NSF	0	0 NSF
50,457 NSF			141,600 NSF			449,500 NSF		
Sports & Health Center 46,000 SF			Elmen Center 92,000 SF Hall Football Complex/ Sanford Gym Addition 120,000 SF			Recreation Center 72,000 SF planned expansion 17,000 SF		
James S. Malosky Stadium 4,500 seat 1999 renovation A-Turf			Kirkeby-Over Stadium 6,500 seating incl. 2,200 chairback seats FieldTurf			Lubbers Stadium 10,444 seating 2011-2012 renovations FieldTurf		
James S. Malosky Stadium 4,500 seat 1999 renovation A-Turf 8-lane all weather Track			Howard Wood Field FieldTurf 2003 Press Box, Seating 2012			GVSU Lacrosse/Track&Field Stadium 9 lane, 400 meter track		

Activity Areas	Winona State University			St. Cloud State University			Minnesota State Univ. Mankato		
	NSF	Qty	Total NSF	NSF	Qty	Total NSF	NSF	Qty	Total NSF
Soccer									
	Maxwell Field Approx 84,000 SF with permanently marked lines for regulation football & soccer			Husky Stadium / Dome 4,400 spectators Omni Grass Turf Field Dome – 72 feet high Press Boxes			The Pitch		
Tennis									
	Winona Tennis Center								
Golf									
	Cedar Valley Golf Course (Women's) The Bridges Golf Course (Men's)								
Baseball / Softball									
	Loughrey Field Building – 550 GSF						MSU Baseball Complex		
	Alumni Field			Selke Field (Husky Women's Softball) Opened in 1930 Multipurpose Fields 10 acres of recreation space			The Diamond at Gage Towers (Softball)		
Lacrosse									
	N/A			N/A			N/A		



University of Minnesota Duluth			Augustana College			Grand Valley State University		
NSF	Qty	Total NSF	NSF	Qty	Total NSF	NSF	Qty	Total NSF
James S. Malosky Stadium			Morstad Field			GVSU Soccer Field		
4,500 seat						2001		
1999 renovation						Natural Grass		
A-Turf								
			Huether Tennis Centre			GVSU Tennis Courts		
			6 outdoor courts			2008		
			37,400 SF			6 tennis courts, 3 sand volleyball		
						3 basketball, 1 roller hockey		
			Kirby Indoor Golf Center			The Meadows Golf Course		
			Prairie Green Golf Course			1994		
Bulldog Park			Ronken Field			GVSU Baseball Field		
Natural Grass Playing Surface			2012 Turf infield			2010 renovation		
Renovated Wade Stadium also used			field lighting, press box, grandstand, luxury suite					
Junction Avenue Field			Bowden Field			GVSU Softball Field		
Built in 1987						2008 renovation		
250 spectators								
N/A			N/A			GVSU Lacrosse/Track&Field Stadium		

Existing Floorplans



LEGEND

- Academic
- Athletics
- Recreation
- W Softball
- W Gymnastics
- W Track & Field
- W Soccer
- W Volleyball
- W Cross Country
- W Basketball
- M/W Tennis
- M Cross Country
- M Baseball
- M Football
- M Basketball

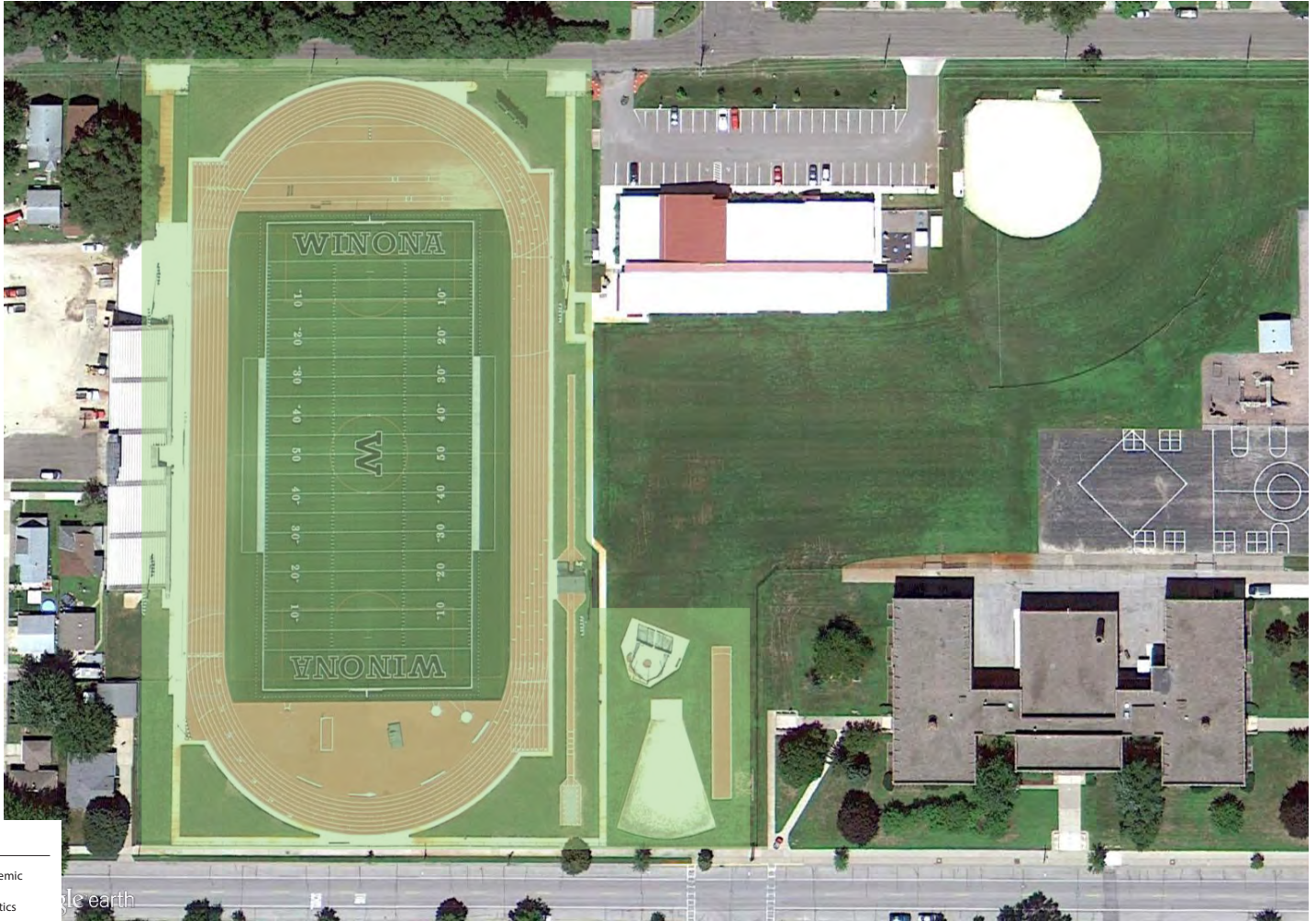
LOWER FLOOR PLAN
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UPPER FLOOR PLAN
 1/4"=1'-0"

EXISTING ALUMNI SOFTBALL FIELD PLAN

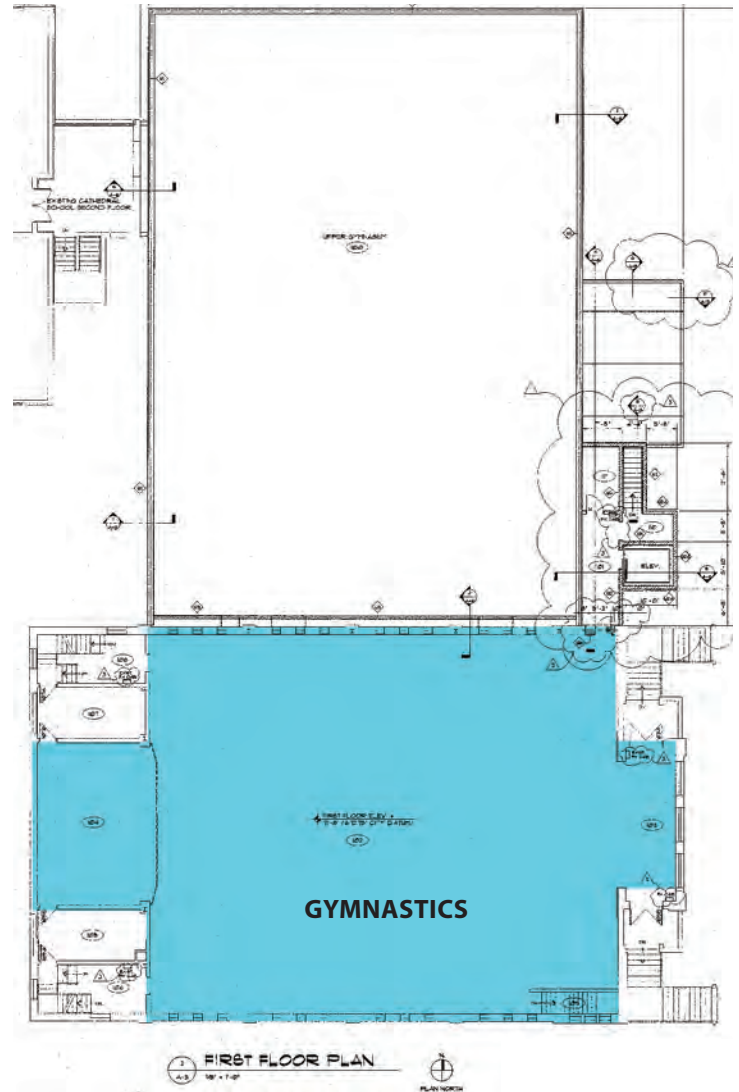
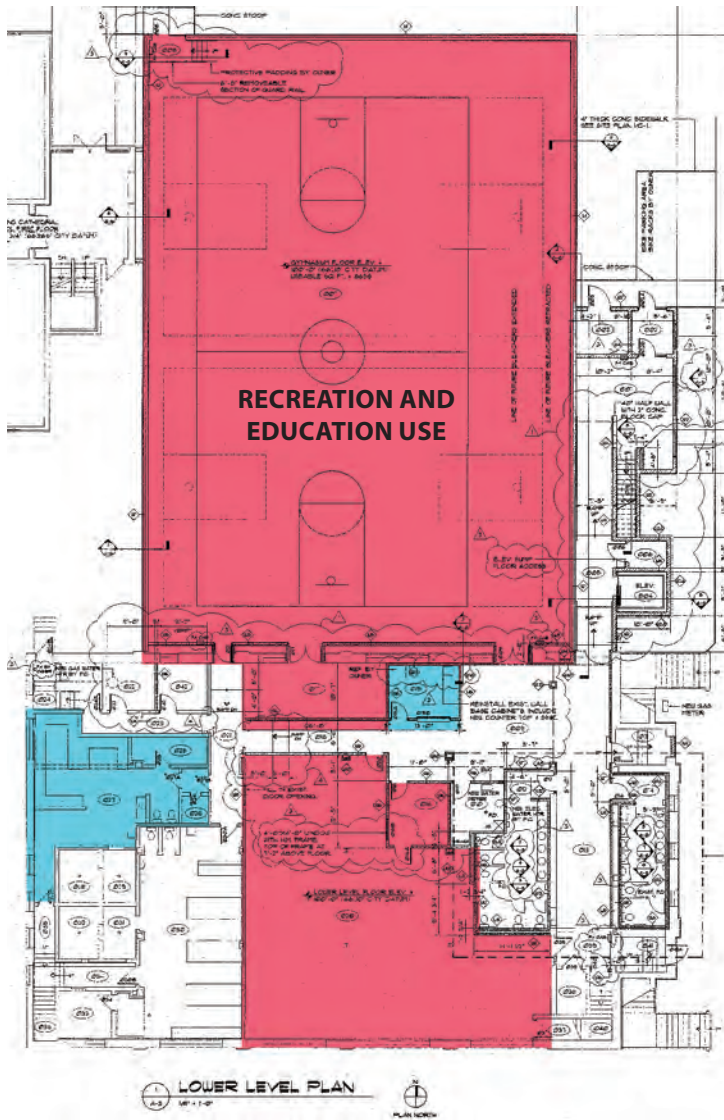


EXISTING ALUMNI SOFTBALL FIELD PLAN



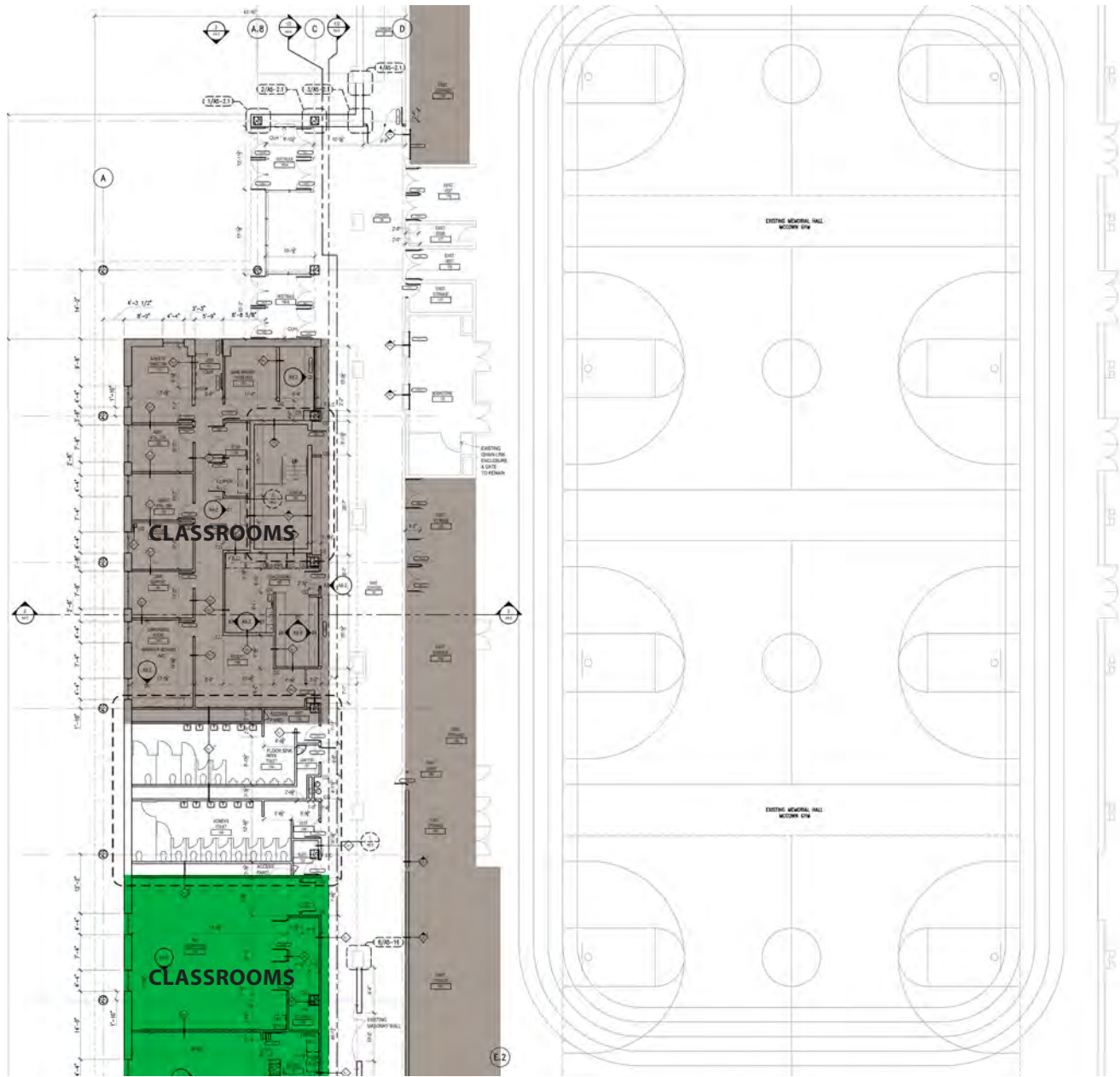
- LEGEND
- Academic
 - Athletics
 - Recreation
 - W Softball
 - W Gymnastics
 - W Track & Field
 - W Soccer
 - W Volleyball
 - W Cross Country
 - W Basketball
 - M/W Tennis
 - M Cross Country
 - M Baseball
 - M Football
 - M Basketball

EXISTING COMMUNITY SPORTS & RECREATION
Used for WSU Track & Field

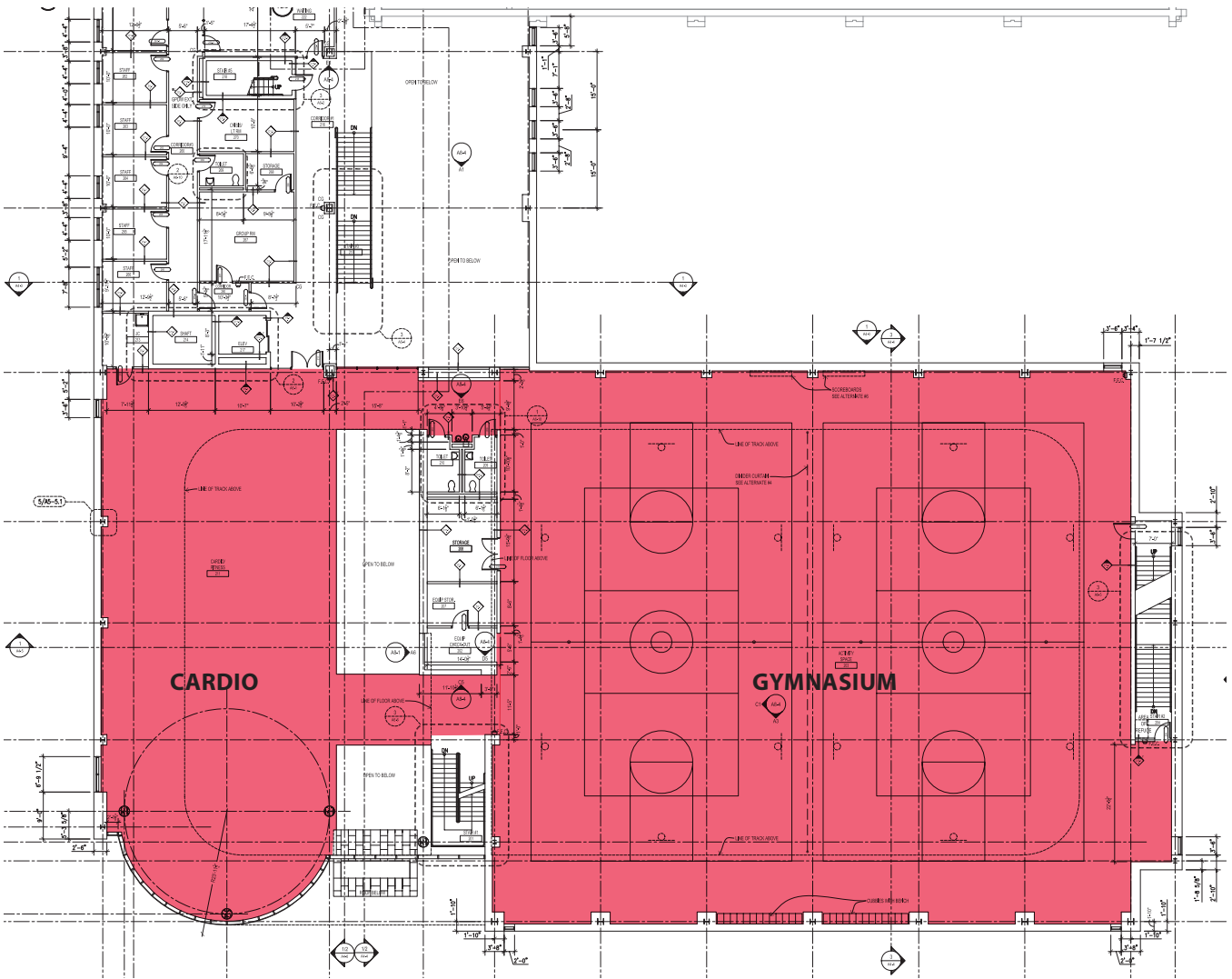


EXISTING GYMANASTICS FLOOR PLAN

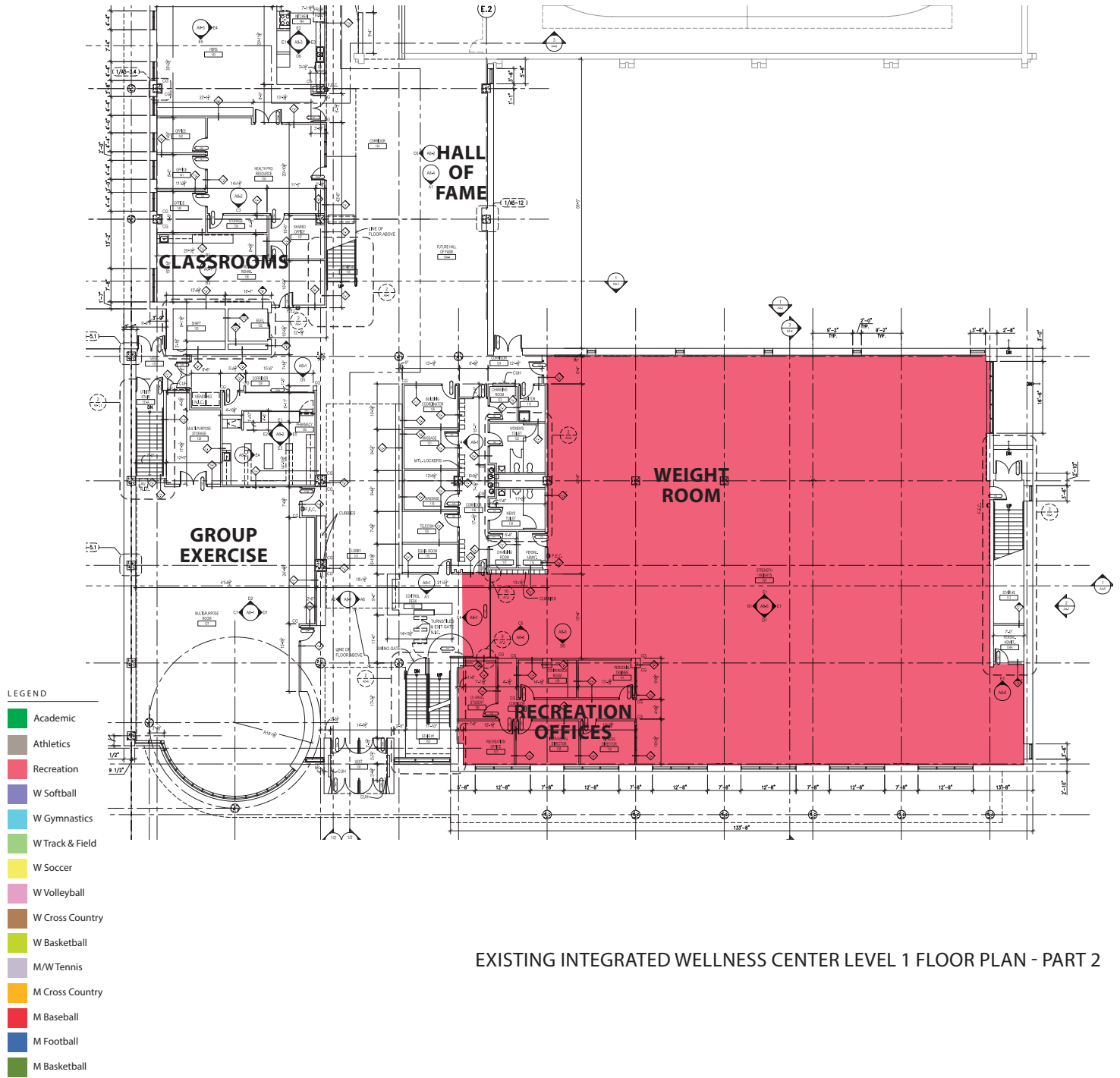
- LEGEND**
- Academic
 - Athletics
 - Recreation
 - W Softball
 - W Gymnastics
 - W Track & Field
 - W Soccer
 - W Volleyball
 - W Cross Country
 - W Basketball
 - M/W Tennis
 - M Cross Country
 - M Baseball
 - M Football
 - M Basketball

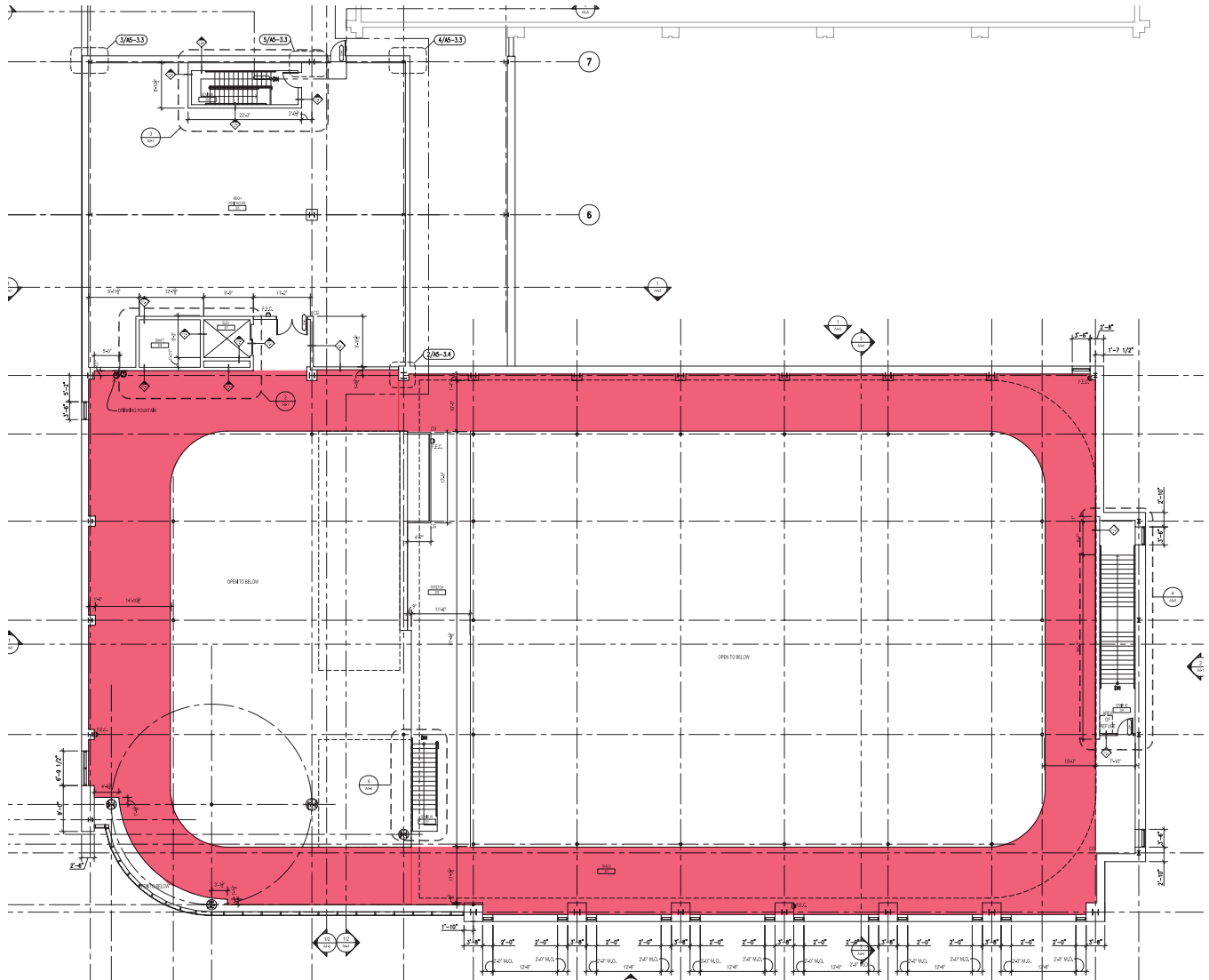


EXISTING INTEGRATED WELLNESS CENTER LEVEL 2 FLOOR PLAN - PART 1

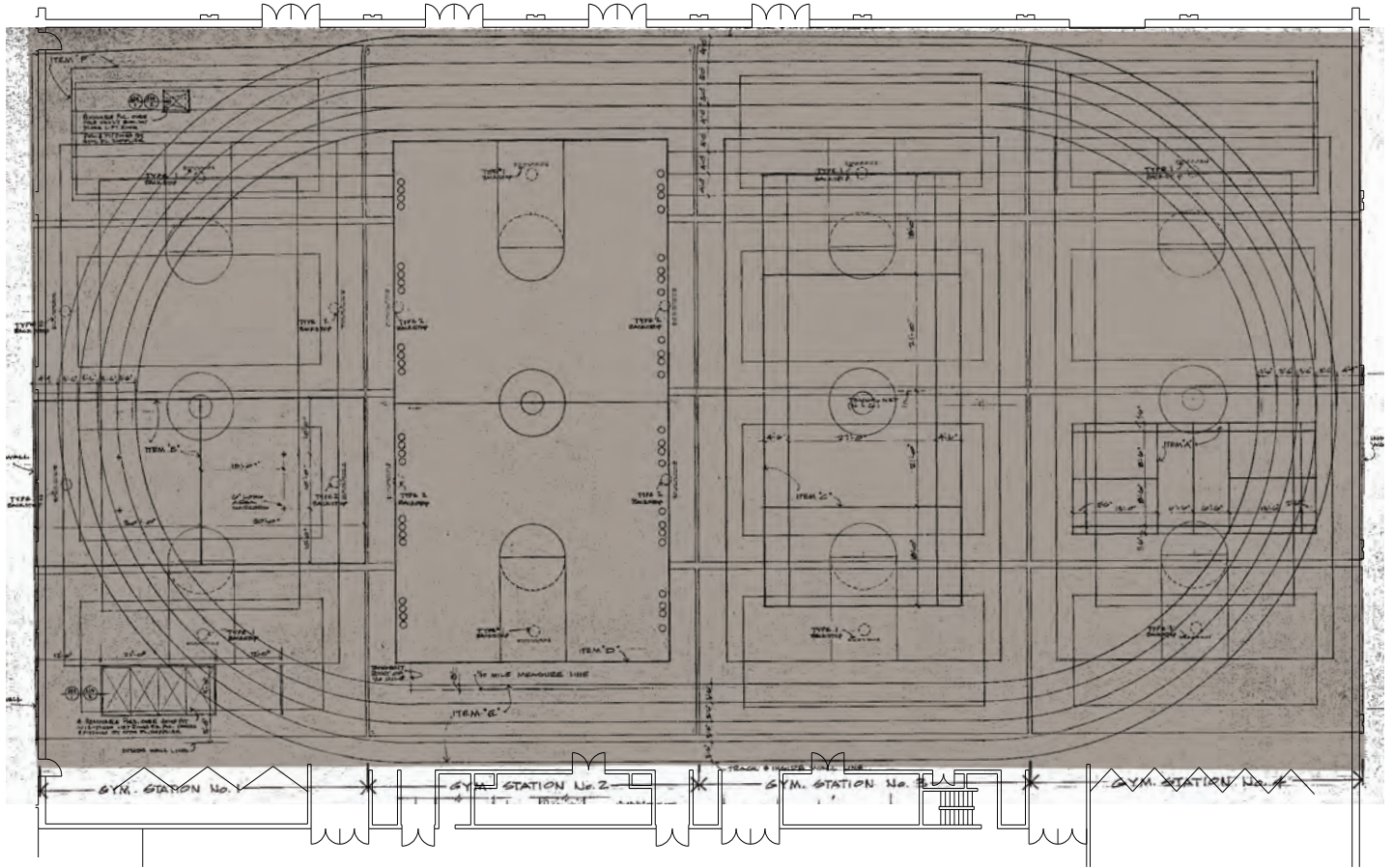


EXISTING INTEGRATED WELLNESS CENTER LEVEL 2 FLOOR PLAN - PART 2





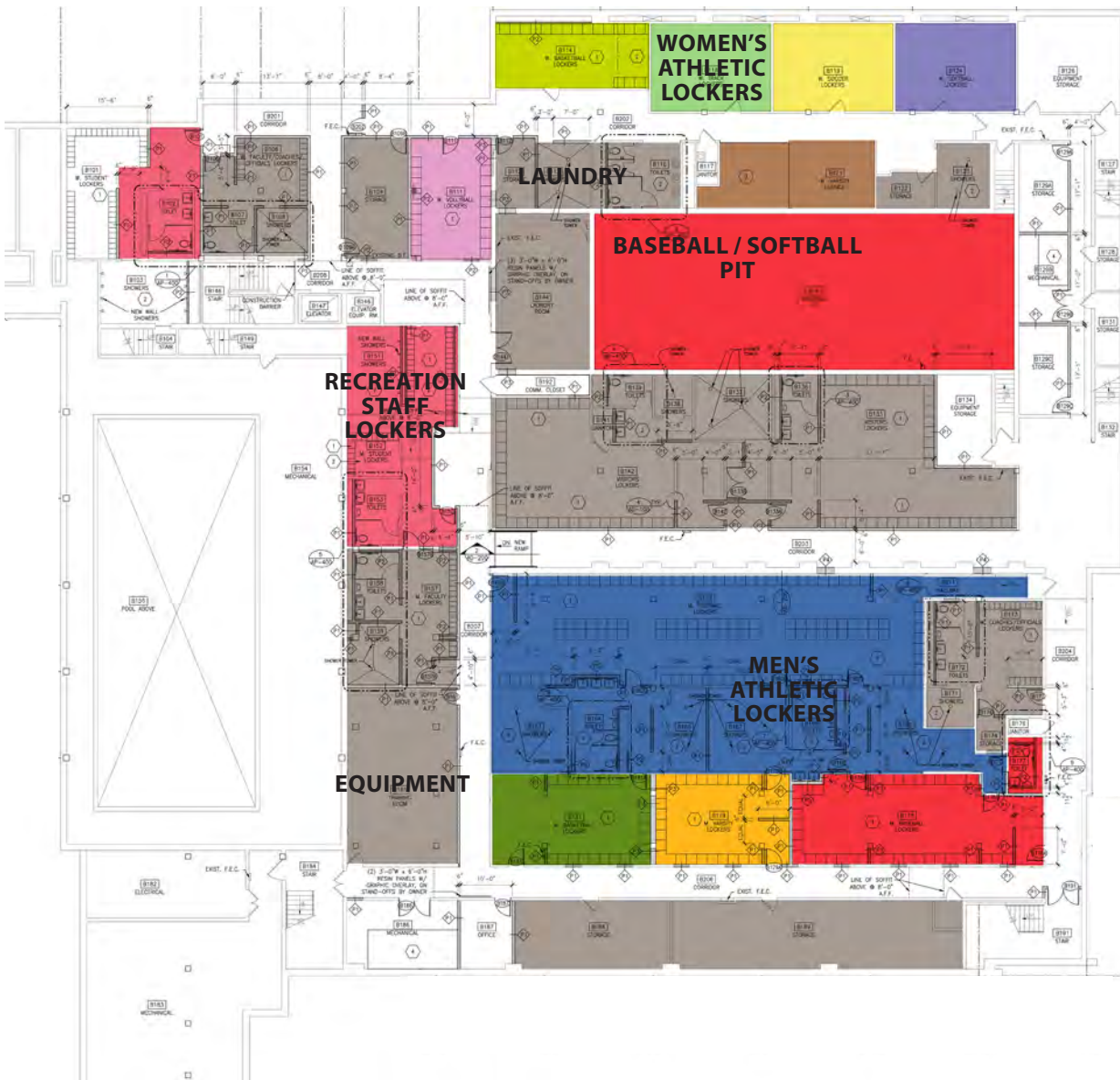
EXISTING INTEGRATED WELLNESS CENTER LEVEL 3 FLOOR PLAN - PART 2



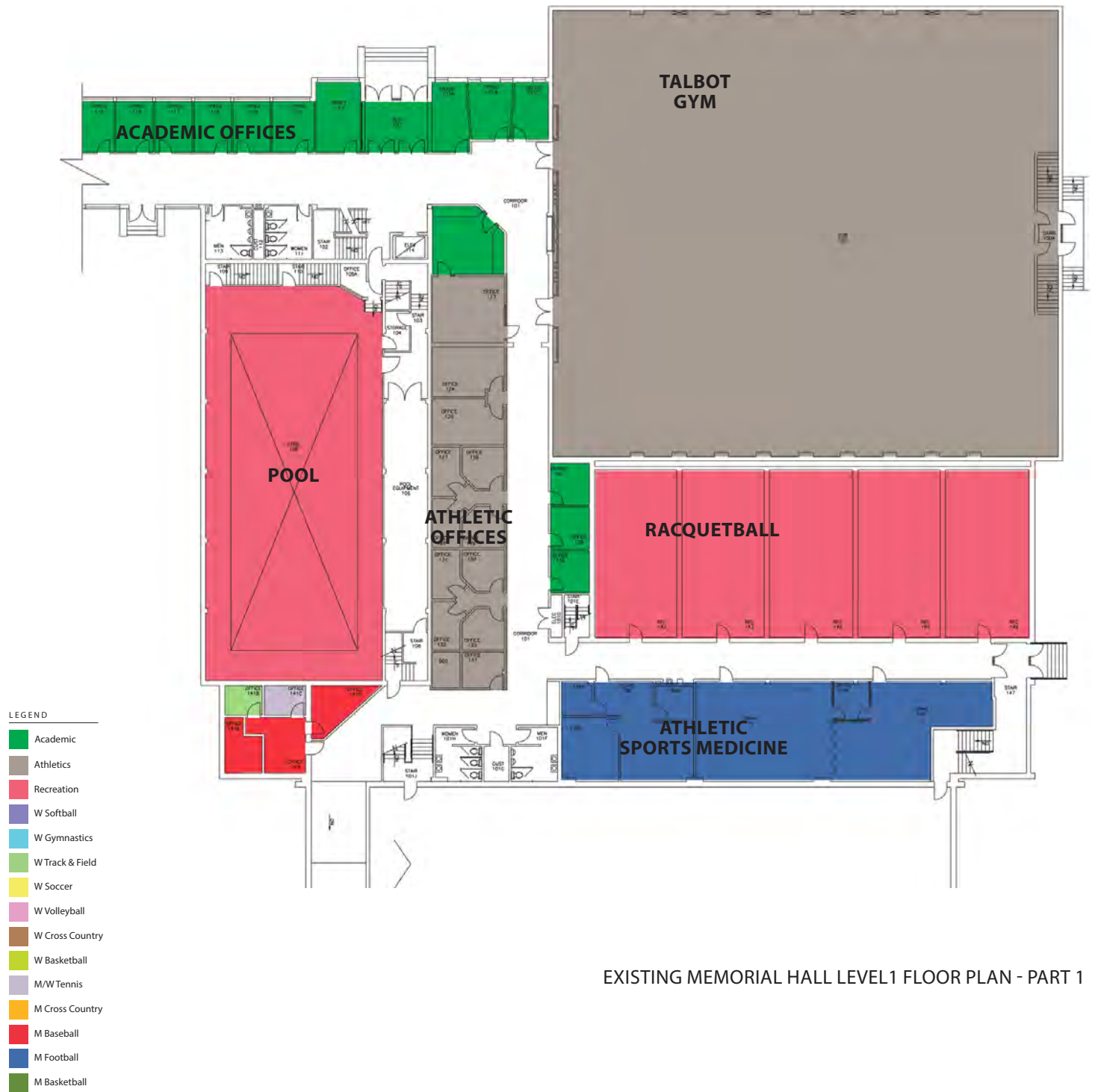
LEGEND

- Academic
- Athletics
- Recreation
- W Softball
- W Gymnastics
- W Track & Field
- W Soccer
- W Volleyball
- W Cross Country
- W Basketball
- M/W Tennis
- M Cross Country
- M Baseball
- M Football
- M Basketball

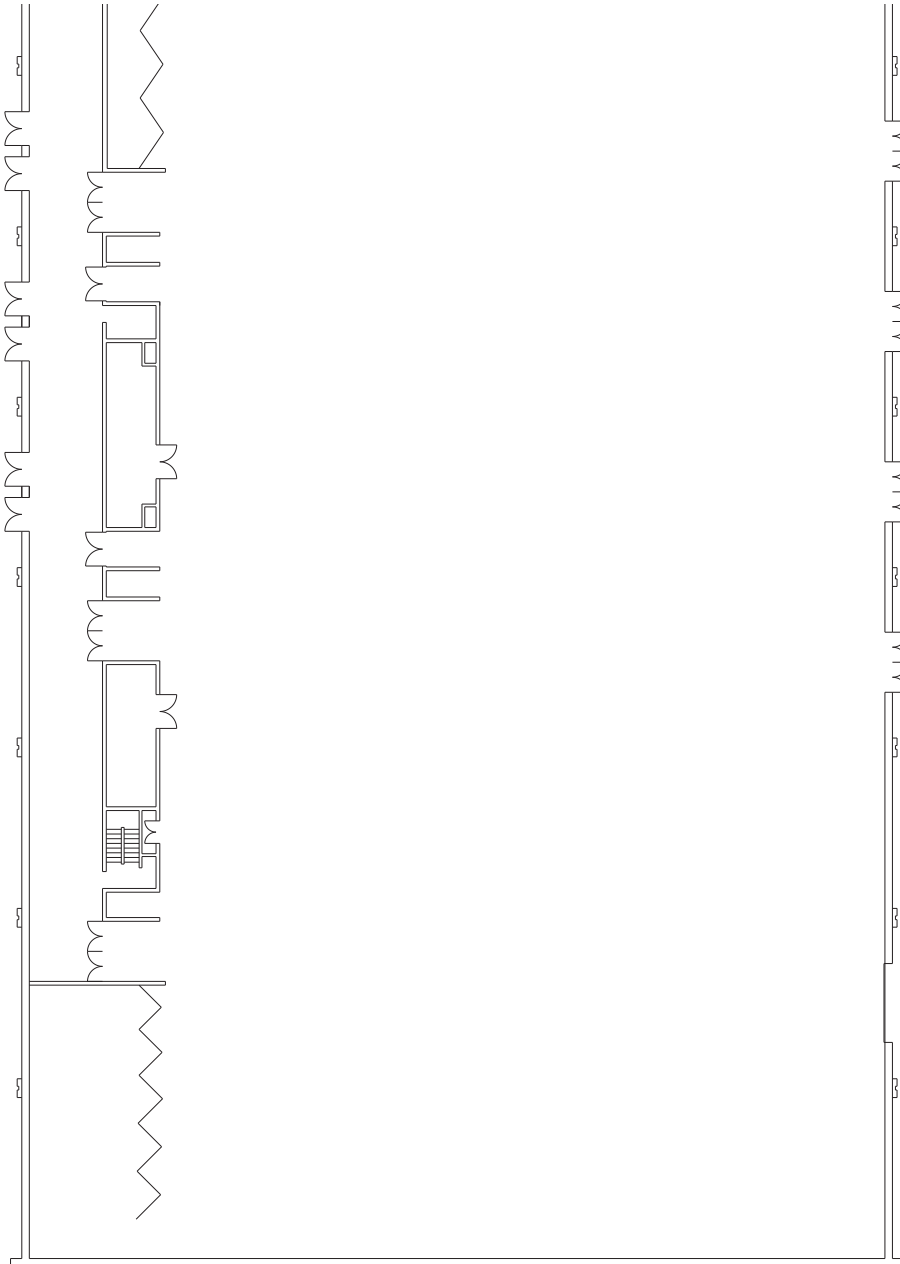
EXISTING MCCOWN GYM LEVEL 1 FLOOR PLAN



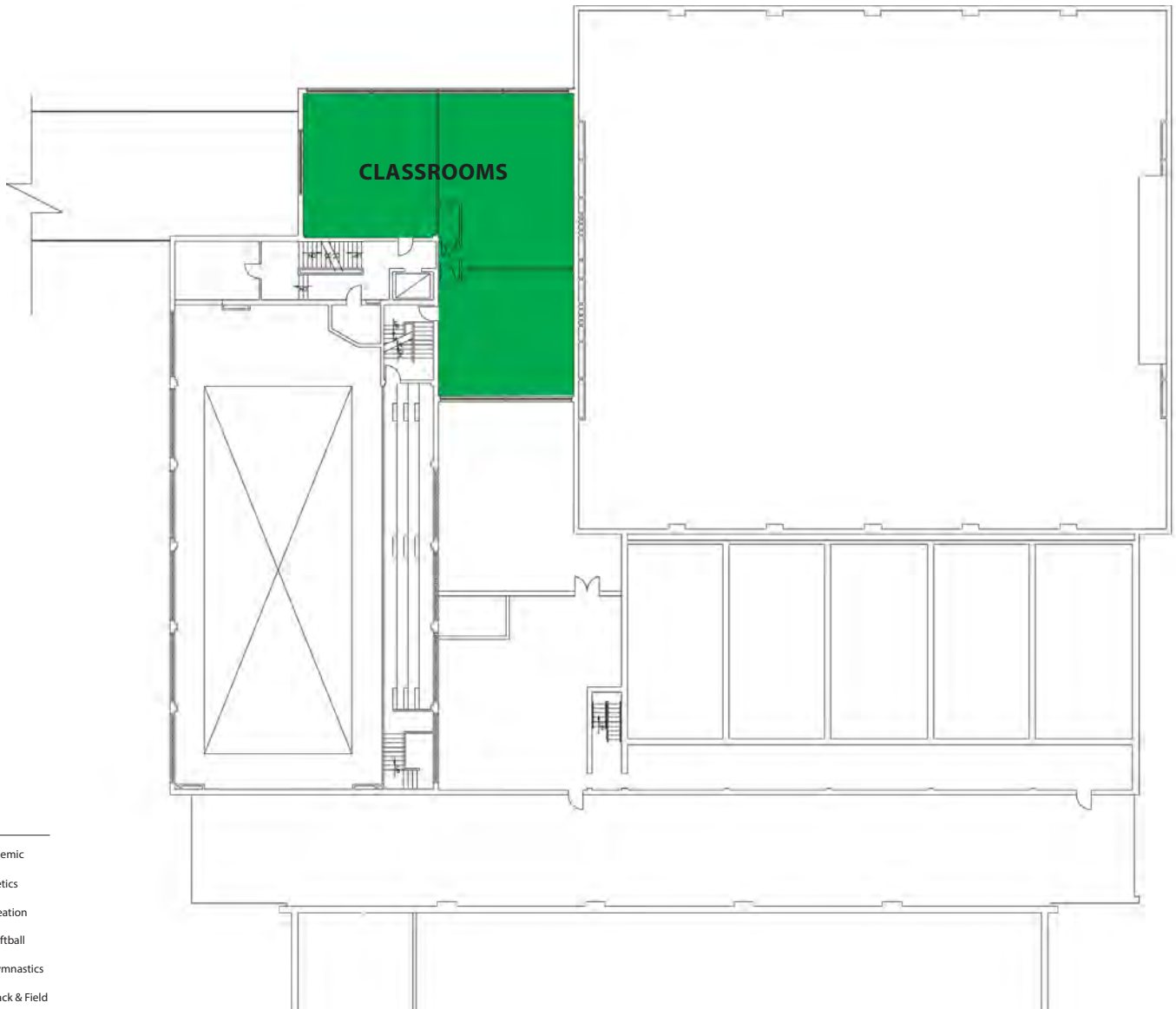
EXISTING MEMORIAL HALL LEVEL 0 FLOOR PLAN



EXISTING MEMORIAL HALL LEVEL1 FLOOR PLAN - PART 1



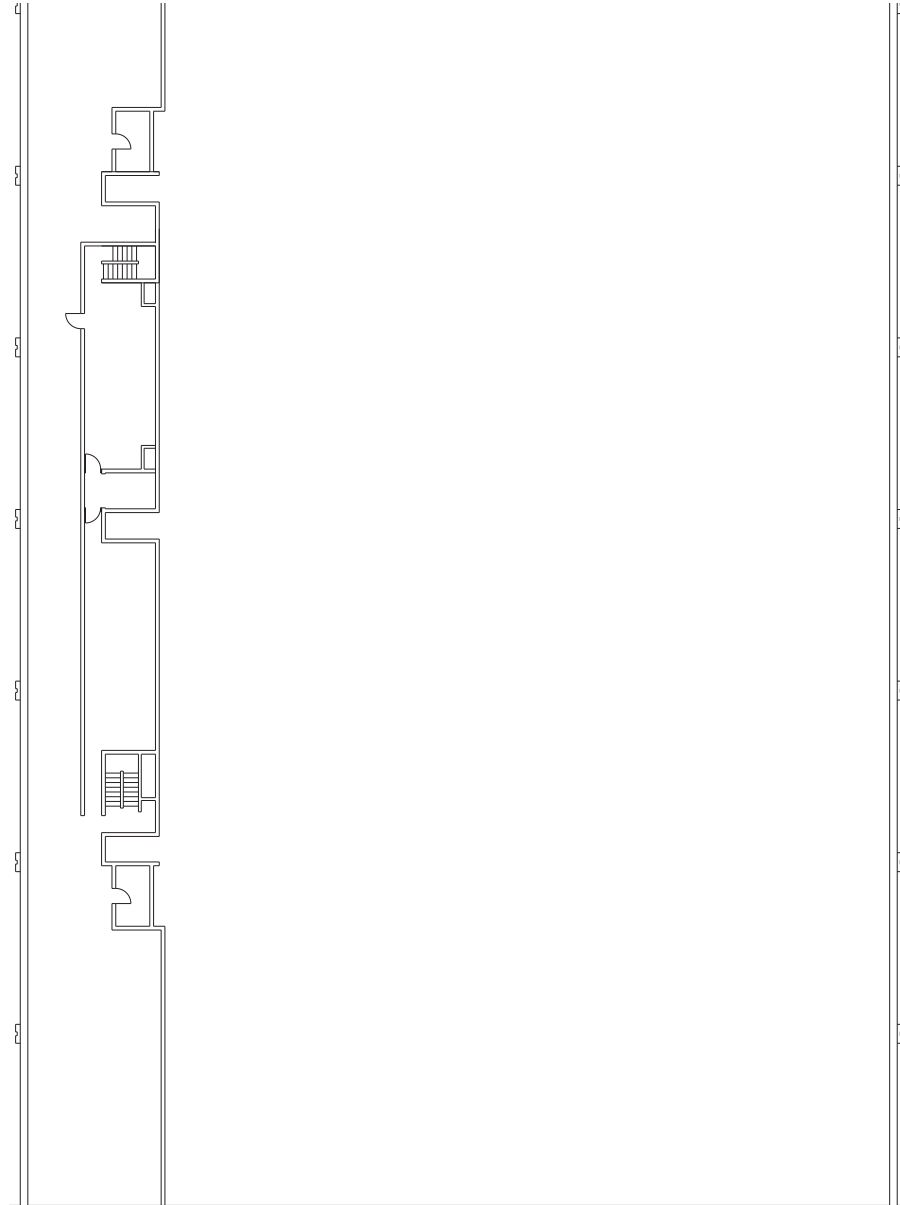
EXISTING MEMORIAL HALL LEVEL 1 FLOOR PLAN - PART 2



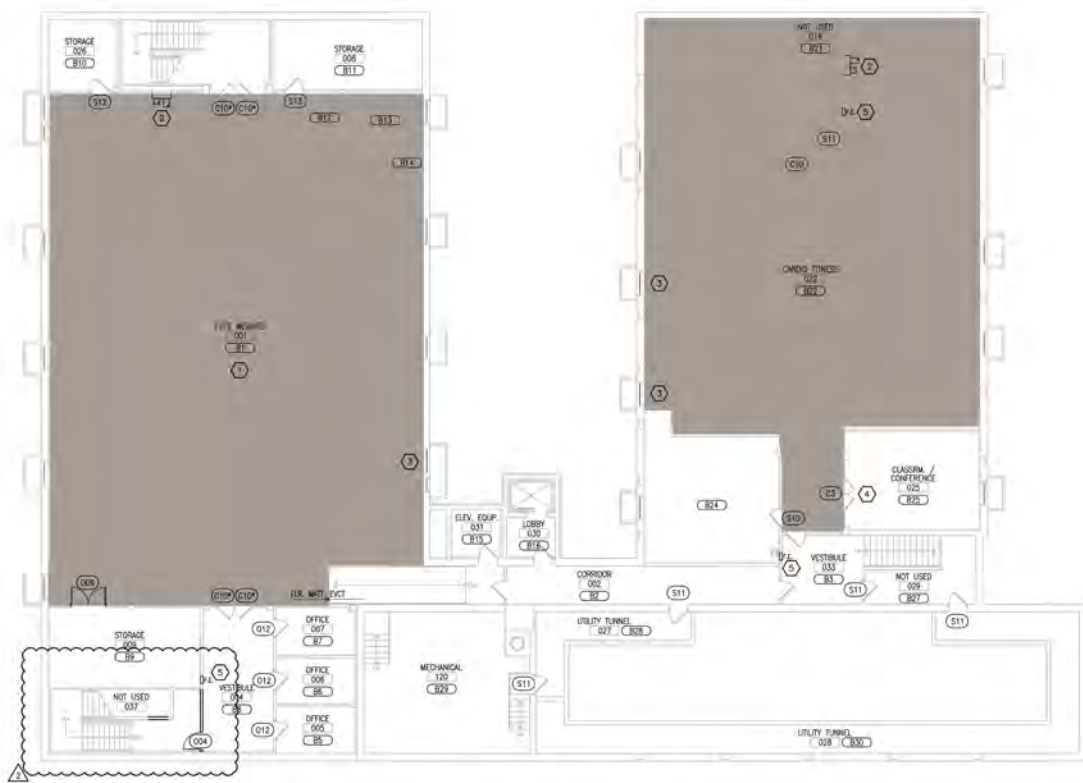
- LEGEND
- Academic
 - Athletics
 - Recreation
 - W Softball
 - W Gymnastics
 - W Track & Field
 - W Soccer
 - W Volleyball
 - W Cross Country
 - W Basketball
 - M/W Tennis
 - M Cross Country
 - M Baseball
 - M Football
 - M Basketball

EXISTING MEMORIAL HALL LEVEL2 FLOOR PLAN - PART 1





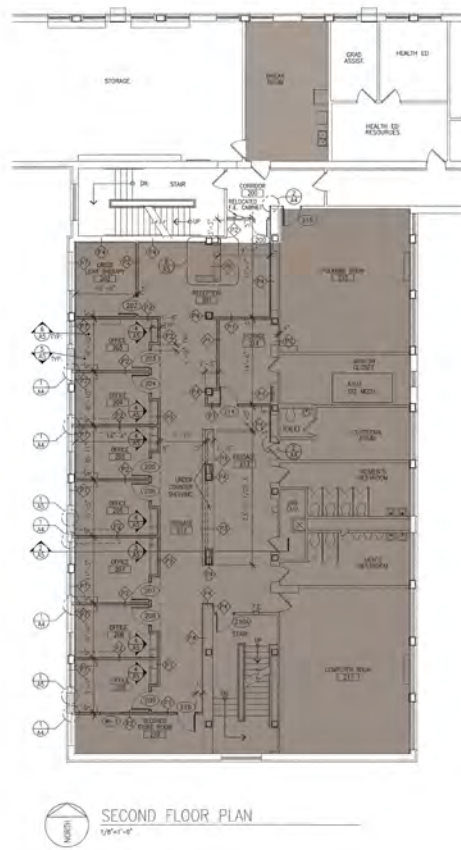
EXISTING MEMORIAL HALL LEVEL 2 FLOOR PLAN - PART 2



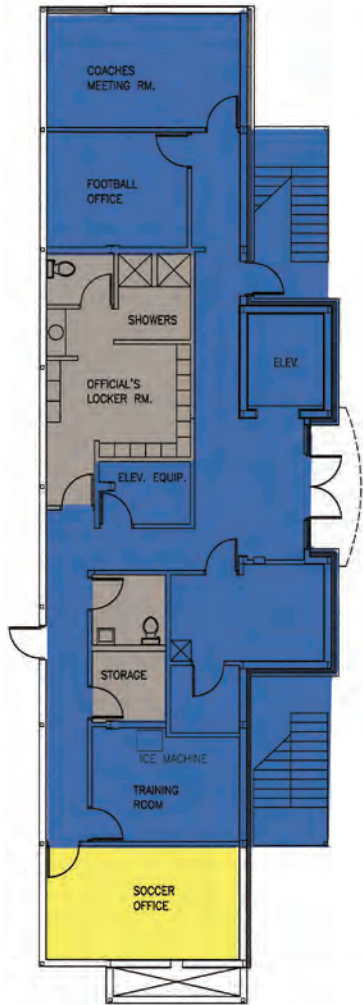
- LEGEND
- Academic
 - Athletics
 - Recreation
 - W Softball
 - W Gymnastics
 - W Track & Field
 - W Soccer
 - W Volleyball
 - W Cross Country
 - W Basketball
 - M/W Tennis
 - M Cross Country
 - M Baseball
 - M Football
 - M Basketball

1 BASEMENT FLOOR PLAN
AS-10 1/20-11-07

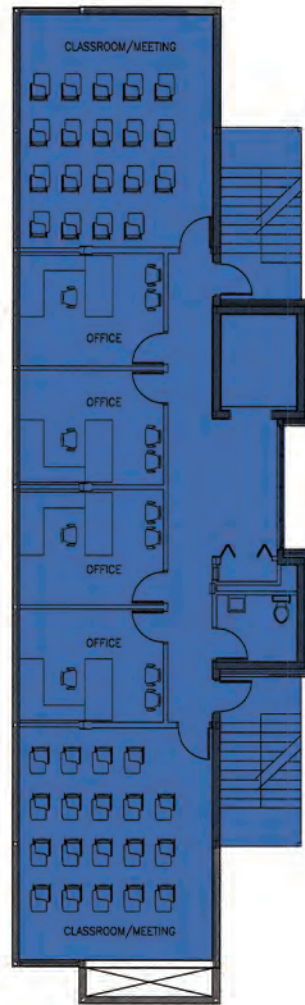
EXISTING STUDENT ATHLETE SUCCESS CENTER BASEMENT FLOOR PLAN



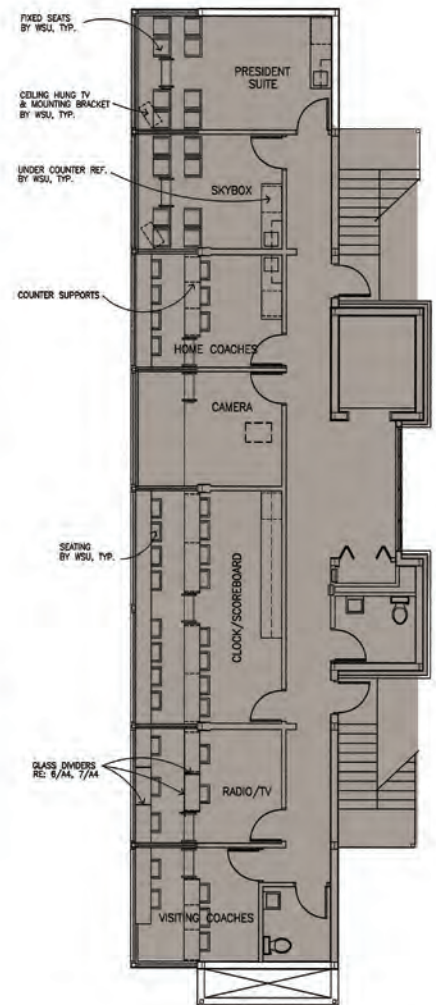
EXISTING STUDENT ATHLETE SUCCESS CENTER SECOND FLOOR PLAN



FIRST FLOOR FURNITURE PLAN
ALL FURNITURE BY WSU UNLESS NOTED OTHERWISE-TYP.



SECOND FLOOR FURNITURE PLAN



FOURTH FLOOR FURNITURE PLAN

- LEGEND
- Academic
 - Athletics
 - Recreation
 - W Softball
 - W Gymnastics
 - W Track & Field
 - W Soccer
 - W Volleyball
 - W Cross Country
 - W Basketball
 - M/W Tennis
 - M Cross Country
 - M Baseball
 - M Football
 - M Basketball

EXISTING WARRIOR FOOTBALL / SOCCER STADIUM, OFFICES, PRESS



EXISTING LOUGHREY BASEBALL FIELD, EXISTING WARRIOR FOOTBALL / SOCCER STADIUM

Quality of Space

The quality of space is another method of comparing to peers.

Athletics

As can be seen in the visual comparison that follows, WSU is behind peers in several areas of facilities being offered to current and prospective student athletes.

- Arena
- Football Stadium
- Locker rooms
- Training room
- Indoor field house
- Baseball
- Gymnastics



Winona State University



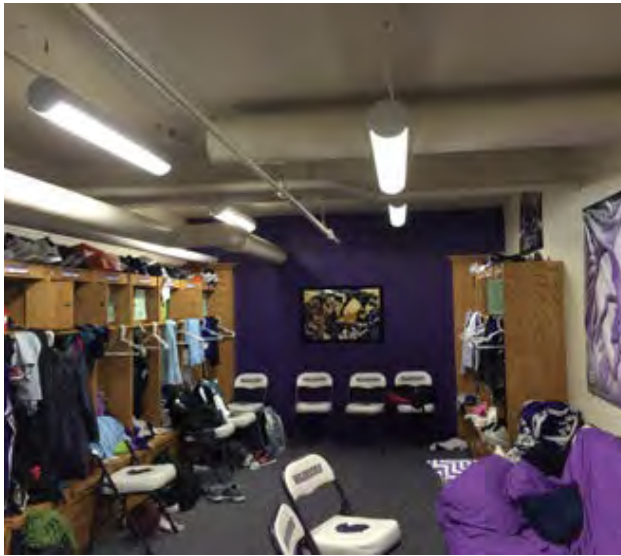
Minnesota State University



Winona State University



Grand Valley State



Winona State University



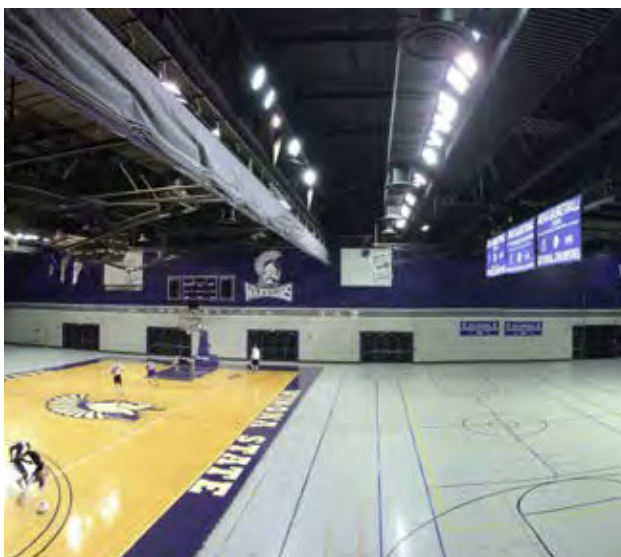
Minnesota State University



Winona State University



Grand Valley State



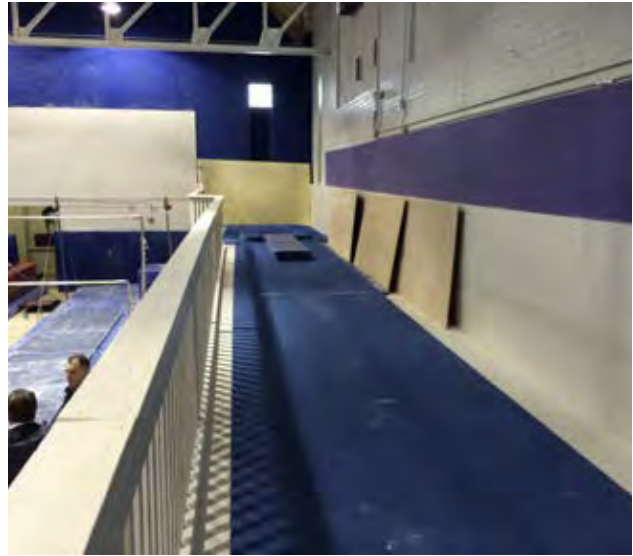
Winona State University



Grand Valley State



Winona State University Baseball



Winona State University Gymnastics

Recreation

Recreation space quality measures up favorably with peer institutions. Featured below is a visual comparison of WSU recreation space in the IWC to peers.

- Gym
 - Cardio
 - Group Exercise
- Exterior of building
 - The only area that doesn't measure up to peers are the recreation locker rooms shown below.



Winona State University



Winona State University





Winona State University



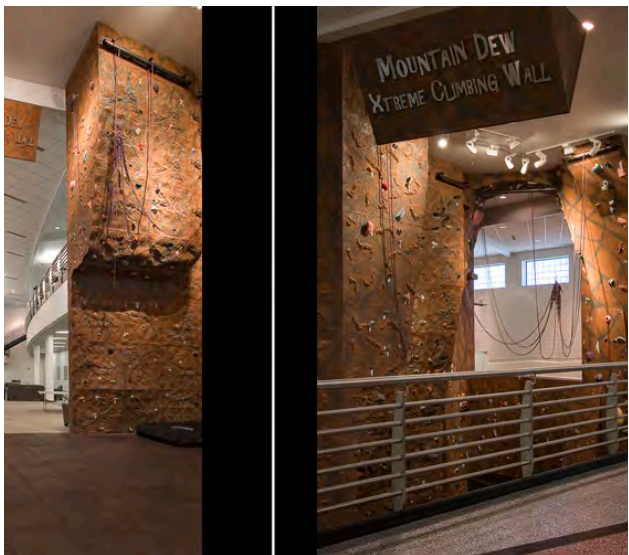
Winona State University



Grand Valley State University



St. Cloud State University



St. Cloud State University



University of Minnesota Duluth

Overview of Needs

In summary, Winona State University is a leader in recreation opportunities. Its biggest needs are for an indoor turf and track field house to serve: athletic practice and competition, recreation during bad weather, community events, and to host high school competitions to aid in recruitment. This new space would relieve significant pressure on McCown so it could be used to better meet the needs of recreational gym space and needs of athletics for basketball and volleyball. The new field house would also allow track and field to have an on campus facility therefore reducing travel and improving convenience. In addition, locker rooms for athletics and recreation are inadequate and need expansion and modernization. Spectator venues for football and basketball need expanded seating and support areas to enhance the fan experience. The construction of the Education Village will displace gymnastics and student academic services spaces which will need to be relocated. Another need is a banquet room seating approximately 500 which could reduce pressure on the Union and McCown freeing these spaces up to meet student activity needs.





Trends in Recreation

As part of the campus recreation master plan process, the design team presented to the planning committee a snapshot of current trends impacting campus recreation across America. These trends were then discussed and evaluated to determine which had relevance to the WSU student and institution. The design team has specifically worked to separate recreation fads from trends. Fads have short shelf life and usually don't warrant investment of student fee dollars into their implementation. It was the determination of the design team that the information presented below reflects trends that have had proven staying power and have either shaped the face of collegiate recreation or will shape it over the coming decade.

The Big Picture

Some of the current overall objectives for campus recreation design are creation of:

- A place of student ownership and pride.
- A safe & secure campus community.
- A social hub.
- A magnet to attract students.
- A positive learning environment extension.
- A place to develop lifelong wellness skills / habits.
- A recruiting tool.
- A fun place to meet friends & establish new relationships.
- An image place "WOW" - showcase activity, views in and out, powerful first impression.

The Ideal Recreation Environment

Today's students are savvy consumers of recreation services. They have seen what other universities have to offer and have often grown up attending private wellness clubs or community centers. To meet their needs, it is important that the following be considered:

Right types of spaces

- Individual vs. team vs. group
- Female vs. male

Right size of spaces, number of spaces

- Avoid long waits for equipment, courts and classes
- "I want it, when I want it."

Right controls

- Facilitate the use and enjoyment of students who have paid their fees.
- Minimize conflicts with those not paying fees trying to use facilities.

Right types of equipment

- Well maintained and full of technology.
- Right programs / classes need to be offered.

The Social Environment

Student's today are looking for more than a physical workout when they visit a recreation facility, they also frequent these facilities because of the social environment and the opportunities to see friends and make new friends. Research has shown that students who have a good support system of friends on campus are more likely to be retained. Some keys to creating an environment that meets the student expectations are:

Maximize number of students who use facilities

- Create a facility that attracts first time visitors
- Create a facility that encourages repeat visits
- Work to lengthen students stay in the building
- Offer something for everyone
- Provide offers for female and male students

Encourage exploration

- Maximize openness and views into the facility and inside the center
- Allow students to see activities and shop other recreation and wellness activities
- Showcase fitness, exercise, and food

Heighten student interaction

- Pay special attention to the location of cardio equipment

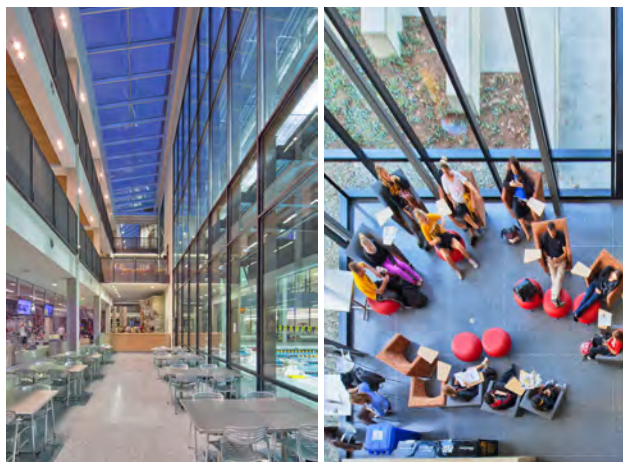
and food. These are popular items for students.

- Provide open circulation inside the building to promote “seeing and being seen.”
- Create intersections and boulevards that maximize student opportunities to interact with other students.
- Provide active and passive areas within the building.

Trends

Providing Social Space

Students are more time sensitive than ever. Providing them with convenience is high on their list of needs. Consider combining food, lounges, and fast network access to recreation environments.



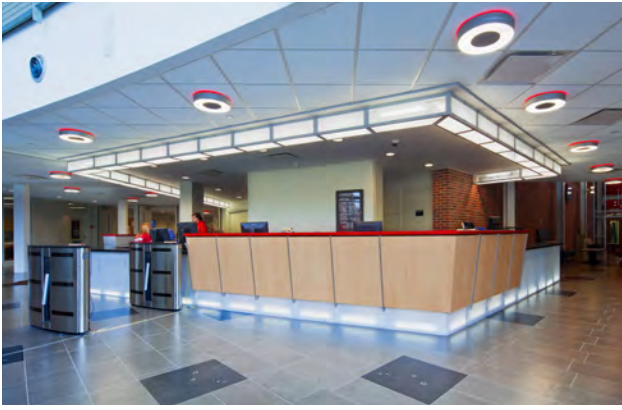
Total Wellness

Students are interested in more than just physical workouts. They want physical, mental, spiritual, financial, and intellectual wellness. They expect to be offered demonstration kitchens, massage therapy, stress management classes, personal trainers/coaches, assessment services, and individualized fitness planning.



Control and Security

Secure yet inviting is key. Students pay for today’s recreation and wellness centers with student fees and they want assurances that others are not using their space for free. Therefore single control points have become the norm, but the control must be designed to be inviting, not fortress like.



Multi-Purpose Spaces

Most recreation centers contain large volume spaces that are often sought after by others on campus for activities and events. Designing these spaces so they can serve multiple student purposes is desired and expected.



Openness and Views

This applies to the interior and exterior of recreation design. Creating a facility that optimizes views enhances the social environment, offers dynamics, and aids security within and around the facility. It also provides a great exercise distraction allowing participants to get their mind off the activity they are engaged in by watching others.



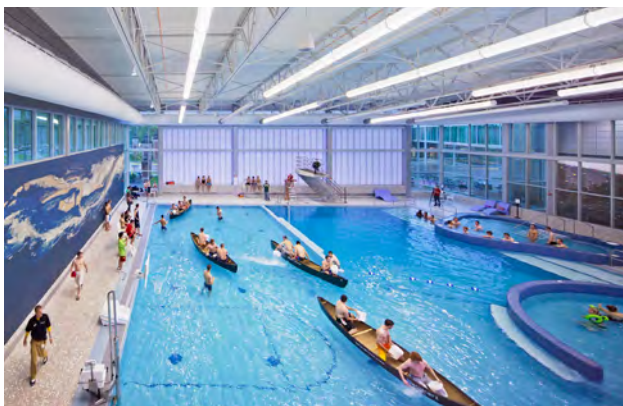
Sustainability

Most college students have a concern about the environment and desire the facilities they use be programmed and designed to minimize their short term and long term impact on the planet.



Outdoor Activities Move Indoors and Extreme Sports

Over the past few decades many “traditional” outdoor activities have begun to find their way into recreation centers. Historically this had only been swimming pools, but has now expanded to jogging paths, climbing walls, zip lines, soccer, and other activities.



Enhanced Outdoor Activity Areas

College campus are starting to include skate board areas, high ropes course, cross fit training areas, and resort like aquatics complexes with stages, movie screens, and grills.



Family Focus

The non-traditional student on college campus is also being served by today's rec centers. This often is accomplished with family changing rooms, child care, and family friendly activities.



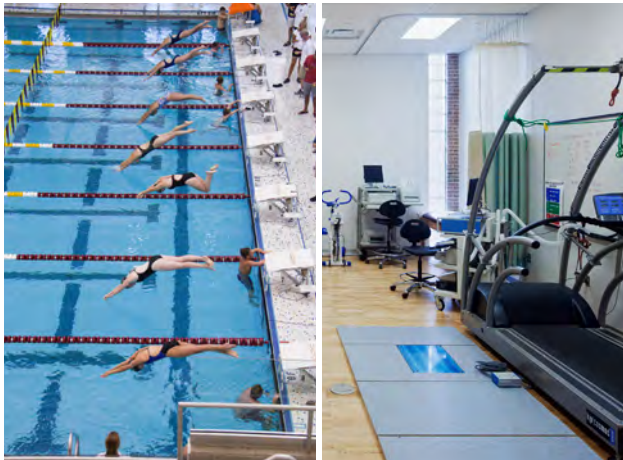
Fusion Facilities

The combination of multiple activities under one roof has become a proven success on numerous campuses. The blending of recreation and wellness with retail, bookstores, cafes, arenas, health services, food service, meeting rooms, academics, athletics, and others.





Some of the trends above impact programming while others impact design. After discussion with the WSU Planning Committee, it was determined that each of the trends has a place in the design of the master plan for campus recreation. However, many of these have been incorporated into the recently completed Integrated Wellness Center (IWC).

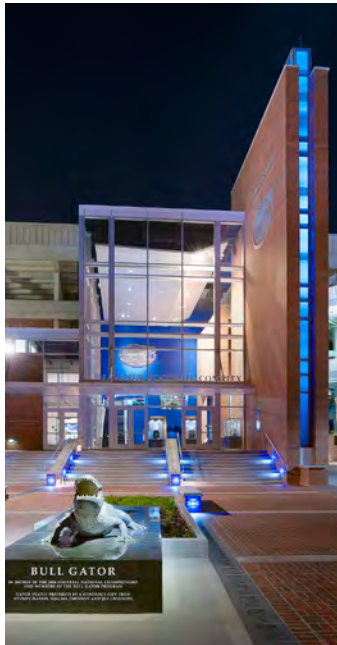
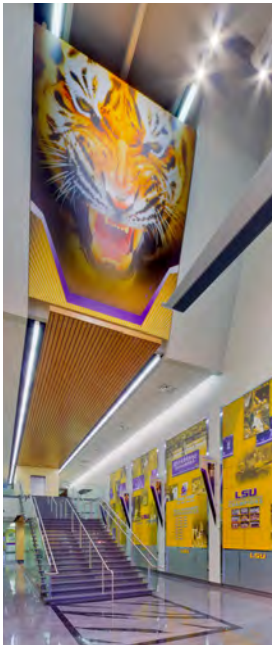


Trends in Athletics

In collegiate athletics the trends shaping facility design are focused on: enhancing recruiting of students, establishing convenient practice and competition venues, and enhancing the fan experience. The keys to each of these areas are:

Enhancing Student Recruitment

- High school students have grown up with technology. It is an essential part of their everyday lives. Today's athletic training facilities need to include technology and accommodate their use of it. Gaming stations, charging stations, access to Wi-Fi, and interactive kiosks are expectations. For athletes they also expect video analysis and access to performance data.
- People often talk about the first 15 minutes someone is on a campus or in a facility. The first impression is so important. It is often referred to as the need for a "WOW" factor, or a "Powerful First Impression."
- Consistent messaging is also important. If a coach or professor talks about the tradition or history of an institution, does what the prospective student or athlete see reinforce that? It is important that the visual message matches the audible one.



Convenient Practice and Competition Venues

- Today's students are more time sensitive than ever. Therefore, convenience is very important when recruiting students. It's also important for coaches who are always wanting to optimize the time they have with athletes.
- Locating practice facilities as close to campus as possible has been a trend shaping campus athletics the past 20 years and the trend shows no sign of diminishing.
- The current "gotta have it" space in college athletics is indoor turf. This type of space is in high demand because of its wide appeal to multiple sports. Especially in northern climates, indoor turf can be used year round by: football, soccer, lacrosse, golf, baseball, softball, rugby, and intramurals.
- Indoor track facilities are also very popular in northern climates because of the ability to practice in winter months and when weather forces teams inside.
- Dedicated practice facilities for each sport is a strong trend at division one schools and is becoming common at D2 schools while D3 schools continue to share practice space.



Enhancing the Fan Experience

- In arena and stadium design fans desire staying connected to the game when at concessions or restrooms. This is driving open concourse design and added technology in concourses. The open concourse concept allows fans to see the field or court from the concourse therefore not missing the action. When this isn't possible, the introduction of flat panel TV's in the concourse with live feeds of the game allow fans a similar connection to the action.
- Convenience for fans also drives a series of design concepts for spectator venues.
 - Staying connected to the outside world via smart phones is important for fans. Therefore, most spectator venues today have enhanced Wi-Fi connections.
 - In order for fans to move quickly to concessions, restrooms, and their seats, today's venues have wider concourses to reduce congestion.
- Entertainment and celebration are important as teams work to continuously connect with fans. This includes the addition of fan party decks used for socialization during games, large atrium front entrances to arenas where fans can gather to celebrate, and heavy branding and graphics to celebrate team and individual accomplishments and help fans gain a deeper understanding of their team.
- Fan amenities continue to improve with corporate suites, clubs, and multiple food options becoming the norm. These not only cater to fan desires, but have become a significant revenue source for athletic departments.
- Smaller spectator venues have found that by providing access to seating via top loading or mid-level loading of seating can prevent a feeling that fans are attending a high school event.



In order to establish the most complete and accurate list of spaces and sizes needed to meet future demand, the planning committee and planners compiled data and input from multiple sources, then analyzed and prioritized the information to establish the best fit for WSU. The data and input sources included:

Eleven focus groups were engaged with to gain insight into general and specific needs. Focus groups included:

- Campus Recreation
- Athletics Administration
- Football
- Athletic Training
- Basketball
- Volleyball
- Gymnastics
- Track & Field / Cross Country
- Grounds & Maintenance
- Students
- Executive Cabinet

Trends shaping the collegiate recreation and athletic industries were reviewed and tested as to their appropriateness for WSU.

The National Intramural Recreation Sports Association (NIRSA) has recommended square footages for various recreation activities based on an institutions size. These were reviewed and evaluated for WSU.

Peer Data was collected from cross application institutions and other institutions identified by campus recreation and athletics.

The data evaluated, and the comments received, shaped the recommended campus wide program list of space needs, which is summarized below.

The program by major use types is summarized as follows:

Space Type <i>(Areas are net square feet, unless noted otherwise)</i>	Existing Square Footage	Proposed Square Footage
Field House	32,000	150,000
Meeting / Banquet Rooms	2,400	12,500
Athletic Lockers	17,300	32,500
Recreation Lockers	2,600	3,600
Offices	6,500	17,200
Hall of Fame	1,500	1,500
Student Casual Study	0	3,000
Training	2,280	12,090
Student Success Center	2,520	8,940
Gymnastics	7,210	12,500
Talbot Gym	12,500	13,200
Weights / Cardio	14,100	20,800
Recreation	33,600	34,400
Natatorium	5,000	0
Racquetball	4,000	2,400
McCown Seating	42,600 2,500	32,800 2,650
Stadium Seating	3,000	5,400
Support	3,600	6,600
TOTAL NET SF	189,710	364,030
TOTAL GROSS SF		460,000

The detailed program of all spaces is included as follows:

ACTIVITY NEEDS	
Winona State University Preliminary Program of Needs Building and Program	
Phase 1	
Men's Baseball	
Press Box	
Stadium for 750 with synthetic turf and lights	
Concessions	
Dugout	
Dugout	
Office	
Restrooms	
Club house team room	
Storage	
Phase 2	
300 Meter Indoor Track and Turf Area	
300 Meter Track	
Seating 8 rows on side	
Throws at end of Track	
Storage	
Meeting Rooms	
Team Meeting Room (divide into two of 60 ea)	
Position Meeting Rooms for Football / Other Sports	
Small Meeting Rooms for 15	
Meeting Room Storage	
Strength and Conditioning for Athletes	
Weights	
Offices (2)	
Control Desk	
Equipment Repair	
Cardio	
Field House Laundry and Equipment Issue/Repair	
Laundry (2W & 2D)	
Equipment (football, soccer, track, cc, bsball, sfball)	
Office	
Storage	
Lobby - Field House	
Lobby	
Tickets	
Event Restrooms	
Concession	
Lockers (all @ 24" except football)	
Football (120 Lockers at 36")	
Soccer (30 @ 24" lockers)	
W. Restroom and Shower	
M. Restroom and Shower	
M Baseball Locker (35)	
M. Cross Country locker (25)	
Future Locker (30)	
Future locker (30)	
W. Softball locker	
W Track and Cross Country (80@ 24" lockers)	
Staff Locker (2)	
Official Locker (2)	
Visiting Locker (2) (40 lockers ea open to one another)	
Changing rooms for others using facility (2) (20 lks ea)	
Athlete Lounge at Fieldhouse	

EXISTING AND NEW SPACE NEEDS								
Memorial Hall	McCown Gym	Integrated Wellness Center	Gymnastics	Student Success Center	Alumni Softball Field	Loughrey Baseball	Warrior Football Stadium	New Space Needs
								2,870
							1,150	
							250	250
							200	200
							250	250
							250	250
								120
								1,000
								600
							200	200
							0	150,000
								126,000
								10,000
								10,000
								4,000
							0	5,300
								1,300
								3,500
								300
								200
							0	6,670
								5,000
								300
								170
								200
								1,000
							0	4,220
								600
								3,000
								120
								500
							0	5,280
								3,000
								80
								1,400
								800
							10,850	21,450
							1,760	6,000
							385	900
							500	0
							1,525	0
							700	900
							444	900
								900
								900
							385	900
								1,800
							1,786	1,500
							450	450
							2,530	2,700
								1,600
								2,000

ACTIVITY NEEDS

**Winona State University
Preliminary Program of Needs
Building and Program**

Offices
Football Head Coach
Football Assistants (10)
Conference Room for 12
GA/Volunteers (6-8) football
Football Workroom
Football Reception
Soccer Head Coach
Soccer Assistants
Soccer GA/Vol
Soccer Storage
Operations
Baseball head Coach
Baseball Assistant Coach
Baseball GA/Vol
Baseball Storage
Softball - Head Coach Office
Softball - Asst Coach Office
Softball GA/Vol
Softball Storage
Track and Field W - Hd coach office
Track and Field W - Asst coach office
Track and Field W GA/Vol
Track and Field W Storage
Shared - Conference Room
Cross Country - M Hd coach office
Cross Country - M. Asst coach office
Cross Country M GA/Vol
Cross Country M Storage
Cross Country - W. Hd coach office
Cross Country - W. Asst coach office
Cross Country W GA/Vol
Cross Country W Storage
Future - Head coach office (2)
Future Asst coach office (2)
Future GA/Vol (2)
Future Storage (2)
Recruit Room / Break Room
Training at Field House
Training (10 tape, 20 treat)
Rehab
Hydro Room (1 cold (10), 1 hot (6), 1 treadmill)
Hydro Machine Room
Office (4 @ 120)
Storage
Computers and Records
Restroom
Ice
Exam
Cubbies
Trainers day locker room
Post Concussion Area
Stadium Seats / Clubs / Suites
Banquet Space for 500
Presidents Suite for 20
Stadium Seating next to Banquet Space (200)
Suites
Club/Suites Restrooms
Banquet Storage
Catering Kitchen

EXISTING AND NEW SPACE NEEDS								
Memorial Hall	McCown Gym	Integrated Wellness Center	Gymnastics	Student Success Center	Alumni Softball Field	Loughrey Baseball	Warrior Football Stadium	New Space Needs
							1,880	7,305
							150	180
								1,200
							415	325
							150	540
							200	215
							135	325
							200	180
							150	120
								120
								80
								140
	180							180
	240							240
								120
								80
								180
								120
								120
								80
	60							180
								120
								120
								80
								250
								180
								120
								120
								80
								180
								120
								120
								80
								360
								250
								120
								80
								200
							0	7,320
								2,000
								1,600
								1,000
								200
								480
								400
								140
								100
								200
								100
								100
								200
								800
							360	14,700
								6,000
							206	600
								-
							154	1,200
								700
								400
								800

ACTIVITY NEEDS

**Winona State University
Preliminary Program of Needs
Building and Program**

Stadium Seats / Clubs / Suites

West stadium seating (2,700)
Concessions
Sale of Wearables
Restrooms for 2,700
Storage

Phase 3

Student Success Center

Office	125
Office	125
Office	125
Office	125
Office	125
Office	125
Office	125
Learning Specialist	
Open Study Space	
Classroom (25)	
Check In	
Small Tutor Rooms (15 for 2)	
Large Tutor Rooms (6 for 6)	
Small Study Rooms (3)	
Storage	150
Break Room	350
Structured Study Room	620
W. Restroom	185
M. Restroom	185
Secure Storage Room	150
Study Rooms (4)	

Women's Gymnastics

Gym Storage	250
Ex. Gymnasium	6,300
Entry / Waiting for youth gymnastics	
Office	130
W. Locker Room	530

Phase 4

Football Stadium

Current Stadium (seating for 3,000)	
Seating for 2,700	
Seating expansion to 8,000	
Concessions for 2,700 (50 LF counter) (2,700 in Ph 2)	
Restrooms for 2,700 (2,700 in phase 2)	
Suites (use coach offices as suites) (14-16)	

Phase 5

Training at McCown

Training (5 tape, 10 treat)	2,100
Rehab	115
Hydro Room (1 cold for 10, 1 hot for 6)	65
Hydro Machine Room	
Office (4 @ 120)	
Storage	
Computers and Records	
Restroom	
Ice	
Exam	
Cubbies	
Trainers day locker room	
HERS Student Athletic Trainers Classroom	

EXISTING AND NEW SPACE NEEDS

Memorial Hall	McCown Gym	Integrated Wellness Center	Gymnastics	Student Success Center	Alumni Softball Field	Loughrey Baseball	Warrior Football Stadium	New Space Needs
							360	14,700
								1,000
								200
								3,000
								800
							2,515	8,935
				125				180
				125				180
				125				180
				125				180
				125				180
				125				0
				125				0
								125
								2,700
								0
								100
								1,050
								720
								100
				150				0
				350				200
				620				700
				185				80
				185				80
				150				80
								2,100
							7,210	12,500
			250					800
			6,300					10,000
								800
			130					
			530					900
							0	4,000
								1,000
								3,000
								0
							2,280	4,770
	2,100							1,300
								600
	115							600
								200
	65							480
								100
								140
								100
								150
								100
								0
								200
								800

ACTIVITY NEEDS

**Winona State University
Preliminary Program of Needs
Building and Program**

McCown Laundry and Equipment Issue/Repair

Laundry (2W & 2D)	
Equipment (Bball, Vball, Gymnastics, Tennis, Golf)	
Office	
Storage	

Lockers (all @ 24")

M. Basketball Locker (24)	
Future Locker (30)	
Future Locker (30)	
W. Volleyball locker (20)	
W. Basketball locker (24)	
Staff Locker (2)	
Official Locker (2)	
Visiting Locker (2) (30 lockers ea open to one another)	
Changing rooms for others using facility (2)	
Athlete Lounge at Memorial	

Phase 6

Offices

Operations	
PE offices (4 total)	
Volleyball Hd Coach Office	
Volleyball Assistant	
Volleyball GA/Vol	
Volleyball Storage	
Basketball M. hd coach	
Basketball M. Asst Coach office	
Basketball M. GA/Vol	
Basketball M. Storage	
Shared Conf Room (10-12)	
Shared Film room with stadium seating for 24 (3)	
Basketball W. Assistant Office	
Basketball W. Hd Coach Office	
Basketball W. GA/Vol	
Basketball W. Storage	
Tennis Coach Office	
Golf Women Coach Office	
Golf Men Coach Office	
Gymnastics - Head coach office	
Gymnastics - Asst coach office	
Gymnastics - GA/Vol	
Gymnastics - Storage	
Future - Head coach office (2)	
Future Asst coach office (2)	
Future GA/Vol (2)	
Future Storage (2)	

Athletic Administration Offices

Athletic Director	
Associate Athletic Director	
Assistant Athl. Director	
Assistant Athl. Director	
Assistant Athl. Director	
Sport info dir (SID)	
Student Workers (2)	
Interns (2)	
Comp Support	
Reception/Waiting	
File Room	
Conference Room (10-12)	

EXISTING AND NEW SPACE NEEDS

Memorial Hall	McCown Gym	Integrated Wellness Center	Gymnastics	Student Success Center	Alumni Softball Field	Loughrey Baseball	Warrior Football Stadium	New Space Needs
							3,579	2,420
540								600
900								1,200
130								120
2,009								500
							6,456	11,050
530								900
								900
								900
360								900
360								900
1,786								1,500
450								450
2,530								2,000
								1,600
440								1,000
							1,325	5,500
								140
750								
100								180
100								120
								120
								80
200								180
								120
								120
								80
								400
								1,800
100								120
								180
								120
								80
75								120
								120
								120
								180
								120
								120
								80
								360
								240
								120
								80
							3,290	4,410
								195
								150
								120
								120
								120
								400
								200
								200
								120
								250
								150
								230

ACTIVITY NEEDS

**Winona State University
Preliminary Program of Needs
Building and Program**

Break Room
Concessions
Copy/Printer/Work
Game Management
Ticket Office (4 windows)
Hall of Fame

Phase 7

Practice Gymnasium
Gym with two collegiate courts
Storage - Gym
Talbot Gym - Existing

Phase 8

Arena
McCown Gym
McCown Gym stg.
Spectator Venue (3,500 seats)
Media Room / Production / Storage
Suite / Reception Club (20-30)
Lobby
Concessions (see office area above)
Logo sales area
Storage
Ticket booth (see office area above)
Press Area

Phase 9

Recreation
Racquetball (5 exist, 3 proposed)
Men's Rec Locker room
Women's Rec Locker room
Faculty M Locker Room
Faculty W Locker Room
Gymnasium / Climbing
Storage
Gymnasium at Wellness
Walking Track
Cardio and Fitness
Strength and Weights
Rec Offices (6)
Group Exercise / MP Room
Natatorium (use YMCA)
Golf Simulator (2)
Classroom / Meeting Room
Classroom / Meeting Room
Classroom / Meeting Room

Phase 10

Alumni Softball
Press box
Stadium for 400 with synthetic turf and lights
Concessions
Dugout
Dugout
Storage
Restrooms
Club house team room
Office

EXISTING AND NEW SPACE NEEDS

Memorial Hall	McCown Gym	Integrated Wellness Center	Gymnastics	Student Success Center	Alumni Softball Field	Loughrey Baseball	Warrior Football Stadium	New Space Needs
		370						180
								200
		275						275
								120
		1,500						1,500
						12,500		13,200
								12,500
								700
						12,500		
							42,610	32,810
	32,000							
	2,000							
								24,000
		2,200						700
								1,500
		4,000						4,000
		410						410
		2,000						2,000
								200
							61,770	54,520
	4,000							2,400
	820							1,200
	860							1,200
	550							600
	420							600
			8,600					8,600
			2,200					2,200
			12,500					12,500
			7,000					7,000
			4,600					4,600
			9,500					9,500
			720					720
			2,600					2,600
	5,000							0
								800
			800					0
			900					0
			700					0
							1,160	1,970
					250			250
					200			200
					225			250
					225			200
					160			100
					100			600
								120

ACTIVITY NEEDS

**Winona State University
Preliminary Program of Needs
Building and Program**

Miscellaneous

Baseball Pit	
CC - 3,000 Meter loop with structure for weather	

Net Square Feet

Additional Space for Corridors, Stairs, Mech, RR, Walls, Custodial, Data Closets, Elevators, etc. 78,282

GROSS SQUARE FOOTAGE TOTAL 460,482

TOTAL PROJECT COST

EXISTING AND NEW SPACE NEEDS

Memorial Hall	McCown Gym	Integrated Wellness Center	Gymnastics	Student Success Center	Alumni Softball Field	Loughrey Baseball	Warrior Football Stadium	New Space Needs
							2,400	1,000
							2,400	0
								1,000
							161,335	382,200

MASTER
PLAN

6

CHAPTER SIX

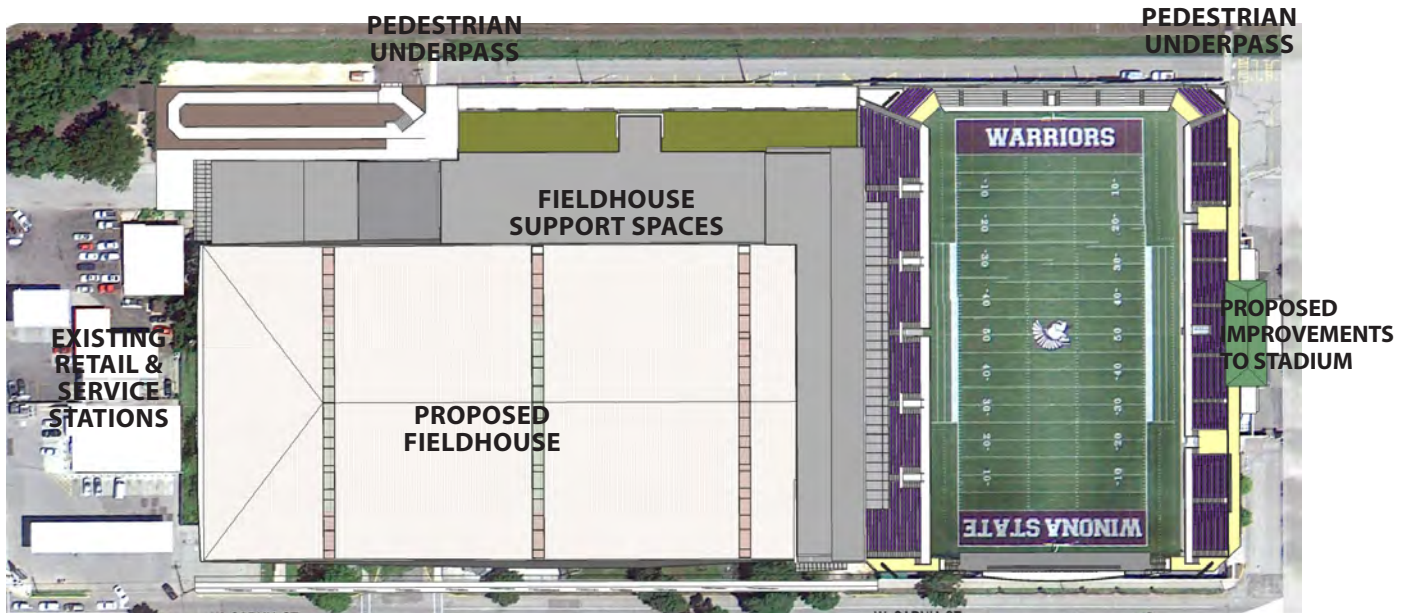
Master Plan Recommendations

The Big Picture Vision

The overall master plan was driven by several key elements.

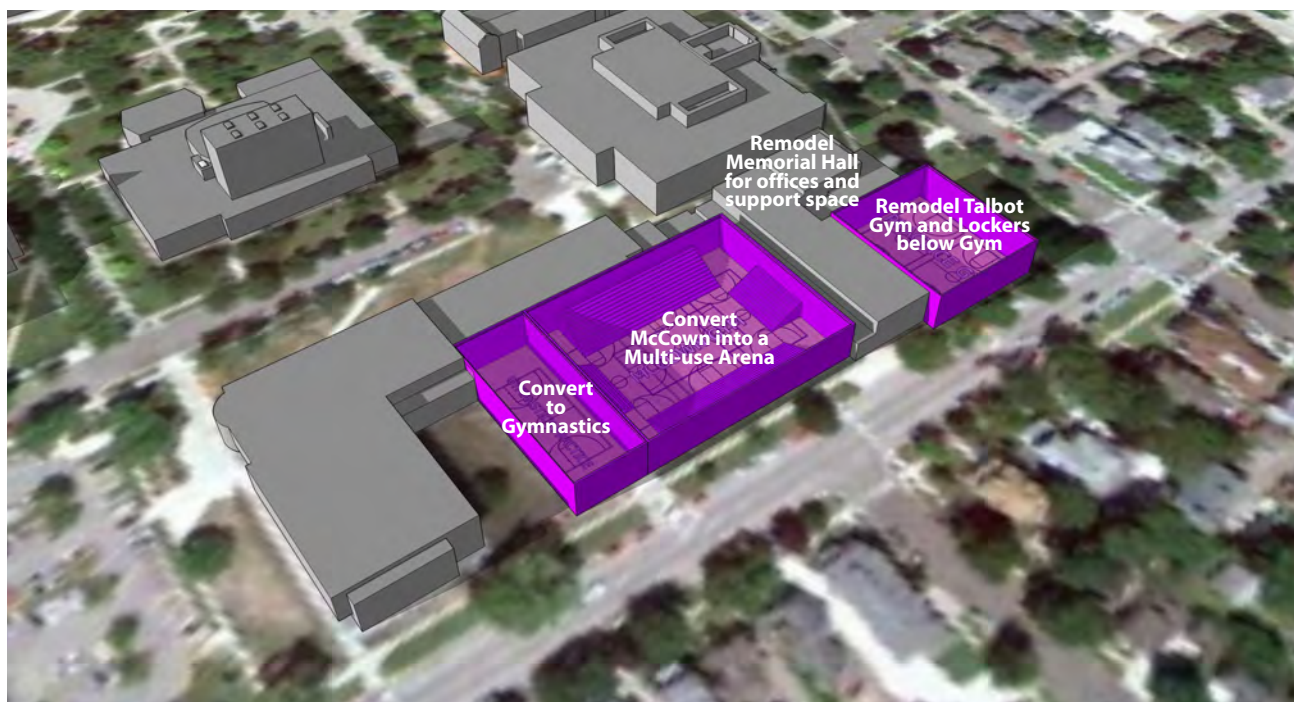
- Optimize the number of students who are served with on campus facilities. This vision drove the placement of the new indoor field house to an on campus location because it would serve the largest number of students and also maximize the exposure for WSU as community members and high school students used the facility for events. The relocation of baseball off campus opens up enough land for the new field house on the south edge of campus. This site will be even better connected to campus with the completion of the railroad track underpasses which will be completed in fall of 2016.
- Maximize the number of teams and students who could be served by a new indoor turf and track facility. This one building will be able to meet the practice and/or competition needs of football, soccer, track & field, cross country, baseball, softball, and golf. In addition, it will be able to serve students for open recreation, intramurals, and club sports and academics will be able to use it for multiple classes. The community and area high schools

will also be able to use this for competitions. Not only is a building like this tremendously flexible to meet the needs of multiple groups, but it is a marvelous recruiting aid for schools in northern climates.



Aerial Site - Fieldhouse

- Capitalize on the existing building location and available space. Memorial Hall, McCown Gym, and Integrated Wellness Complex are located in an ideal spot on campus. They are easy for students to access and convenient to parking. This location will be capitalized on by remodeling existing space rather than abandoning it. These buildings also provide strong nostalgic connections for alumni. There are also opportunities to better utilize space within two of these three buildings. The existing indoor pool is in need of extensive work and is costly to operate. With the construction of a new YMCA pool in the community, this space could be converted into other uses. Likewise, the existing McCown Gym size would not be needed when a new field house is built. It could then be used to serve basketball, volleyball, recreation, and gymnastics. These facilities will be renovated and remodeled to become state of the art spaces that connect with today's students.



Site - Memorial Hall, McCown Gym, and Integrated Wellness Complex

- Modernize the existing football stadium and enhance revenue opportunities by expanding seating capacity, providing adequate concessions and restrooms, improving circulation within the stadium, providing fans with clubs and social decks for entertaining, and improving scoreboard and public address systems.



Site - Football



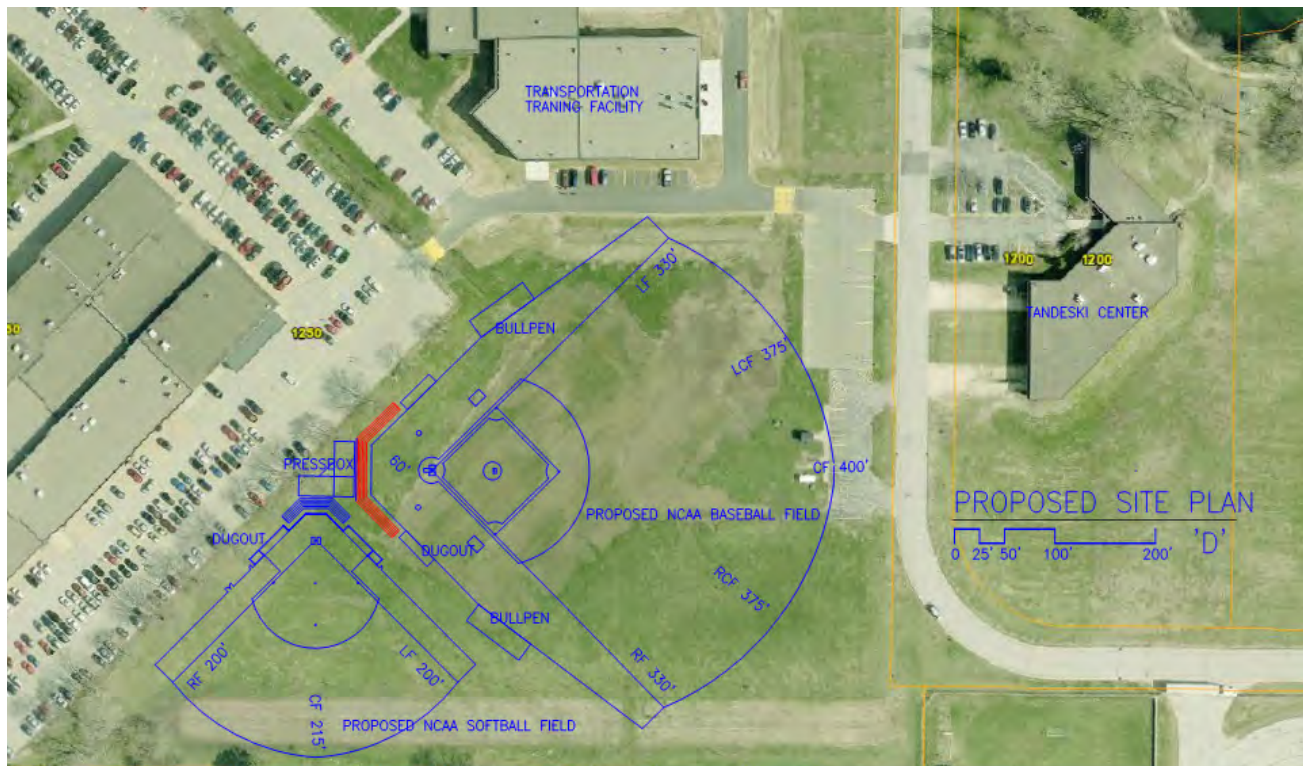
Interior Perspective - Football Banquet Hall

Phased Implementation

The master plan has been assembled into a series of phases which allow for a logical implementation. Some phases are sequential, requiring preceding phases to be completed first, while others may be able to occur at any time funding is available.

Phase 1 - Baseball Stadium

The baseball stadium currently occupies a site that is too small for it, resulting in an irregular field layout and foul ball safety concerns. The master plan locates a new baseball field south east of the campus. This move opens the existing baseball site up for a higher and better use as the new field house. The land used for the new baseball stadium is also large enough that it can accommodate a future softball field if required.



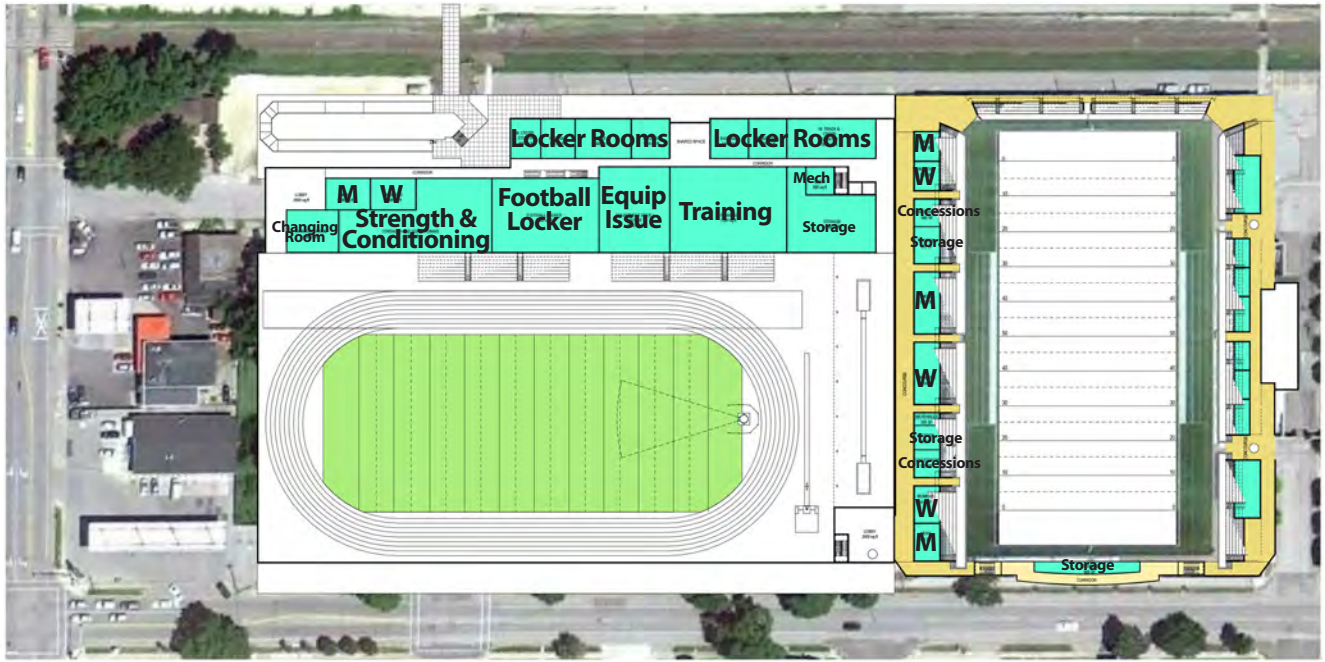
Site Plan - Baseball

Phase 2 - New Field House

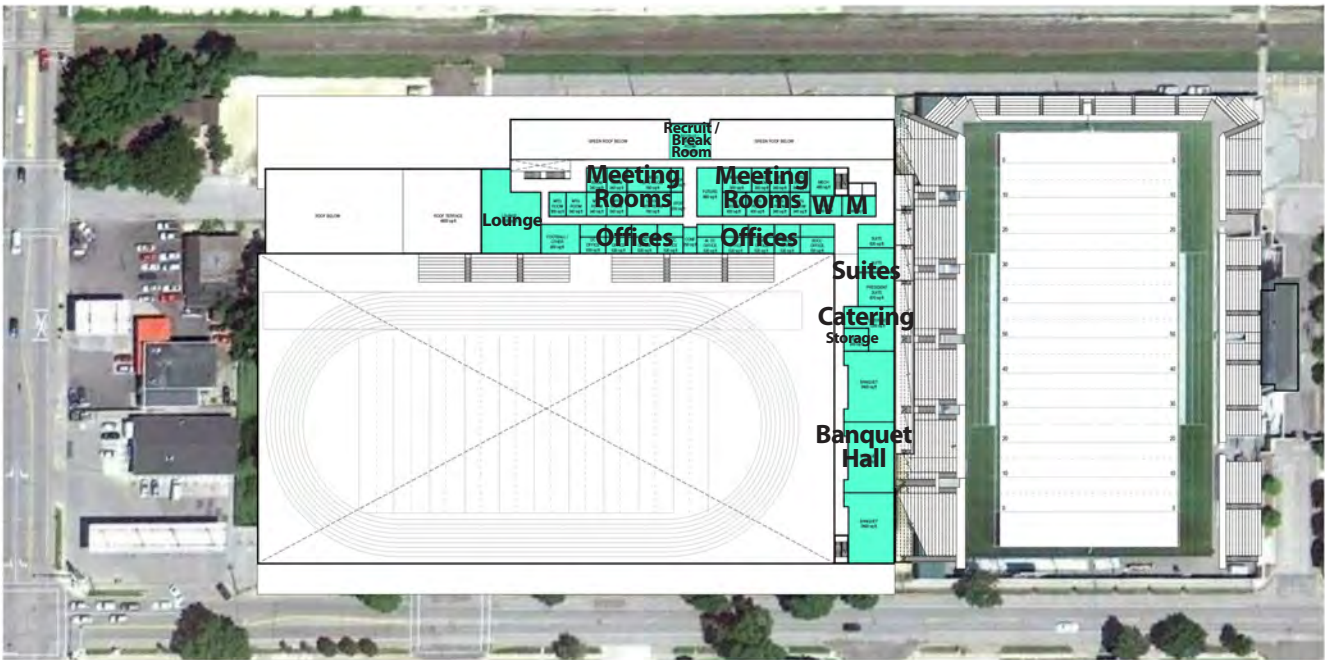
The centerpiece of the athletic and recreation master plan is a proposed new field house to be constructed south of the railroad tracks on a site currently occupied by the baseball stadium. This facility will meet the needs for football, soccer, baseball, softball, track & field, cross country, recreation, and academics. It's focal space is a single room large enough to accommodate a full football field, a 300 meter track, throwing and jumping venues for track, and spectator seating for 2,100.

This project will significantly free up space in Memorial Hall, McCown Gym, and the IWC so that those facilities can better meet the needs for recreation, academics, and non-student activities. In addition, the facility will be a magnet for high school sports teams and competitions. The unique nature of the project, unlike any other in Minnesota, will serve as a recruiting asset for WSU.

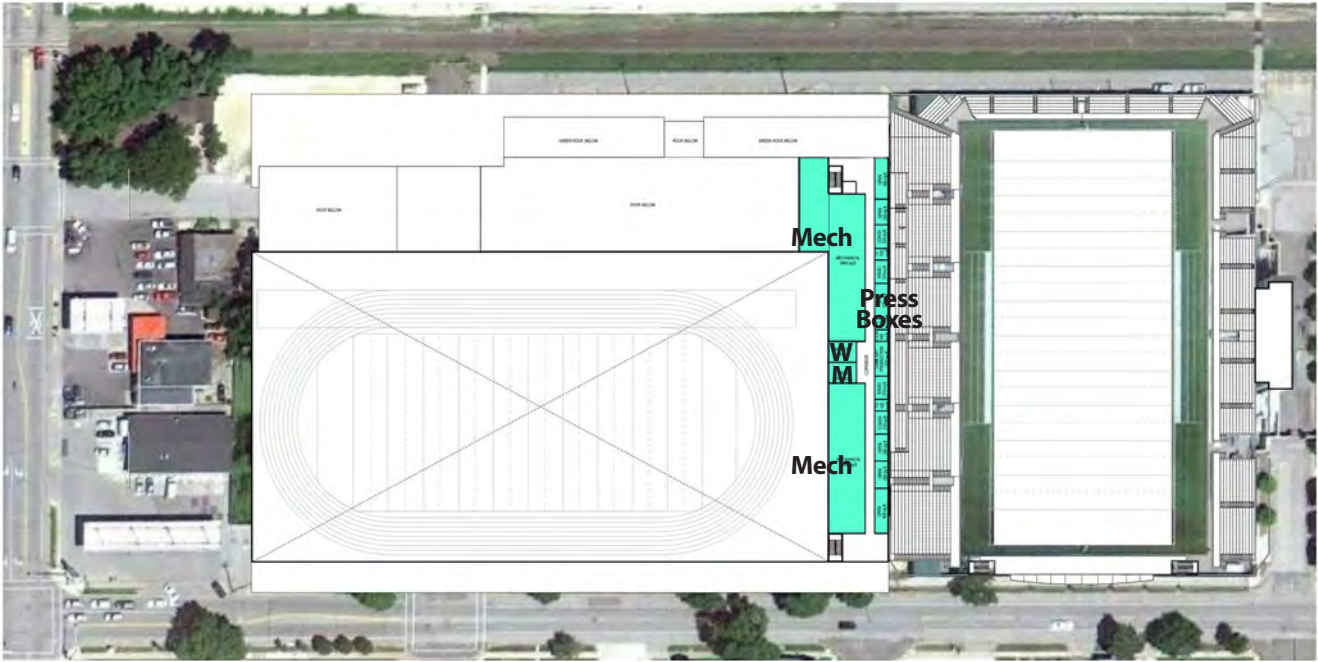
The building includes support spaces for each of the teams above. These include meeting rooms, locker rooms, weight room, athletic training, offices, and equipment issue. Also included are spaces to serve banquets on campus.



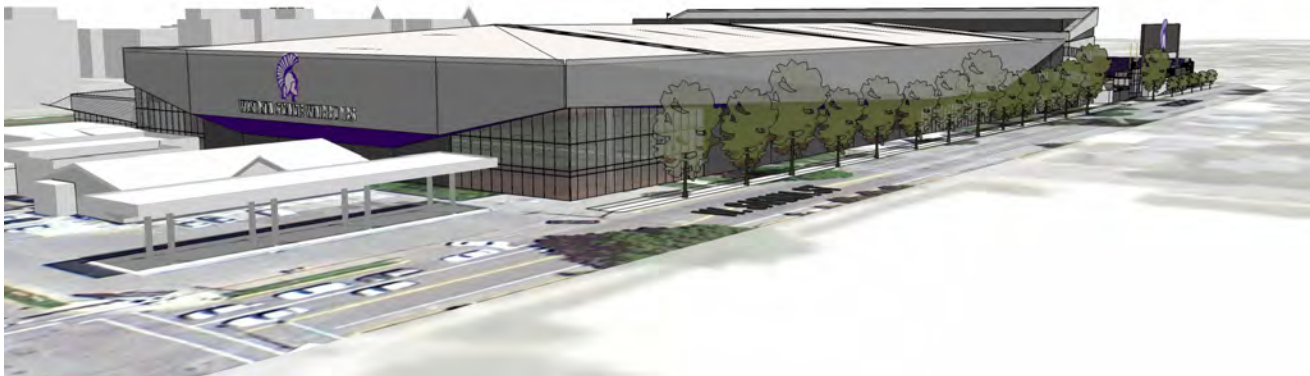
Fieldhouse First Floor Plan



Fieldhouse Second Floor Plan



Fieldhouse Third Floor Plan



Fieldhouse Building Massing and Conceptual Character



Fieldhouse Building Massing and Conceptual Character



Fieldhouse Building Massing and Conceptual Character



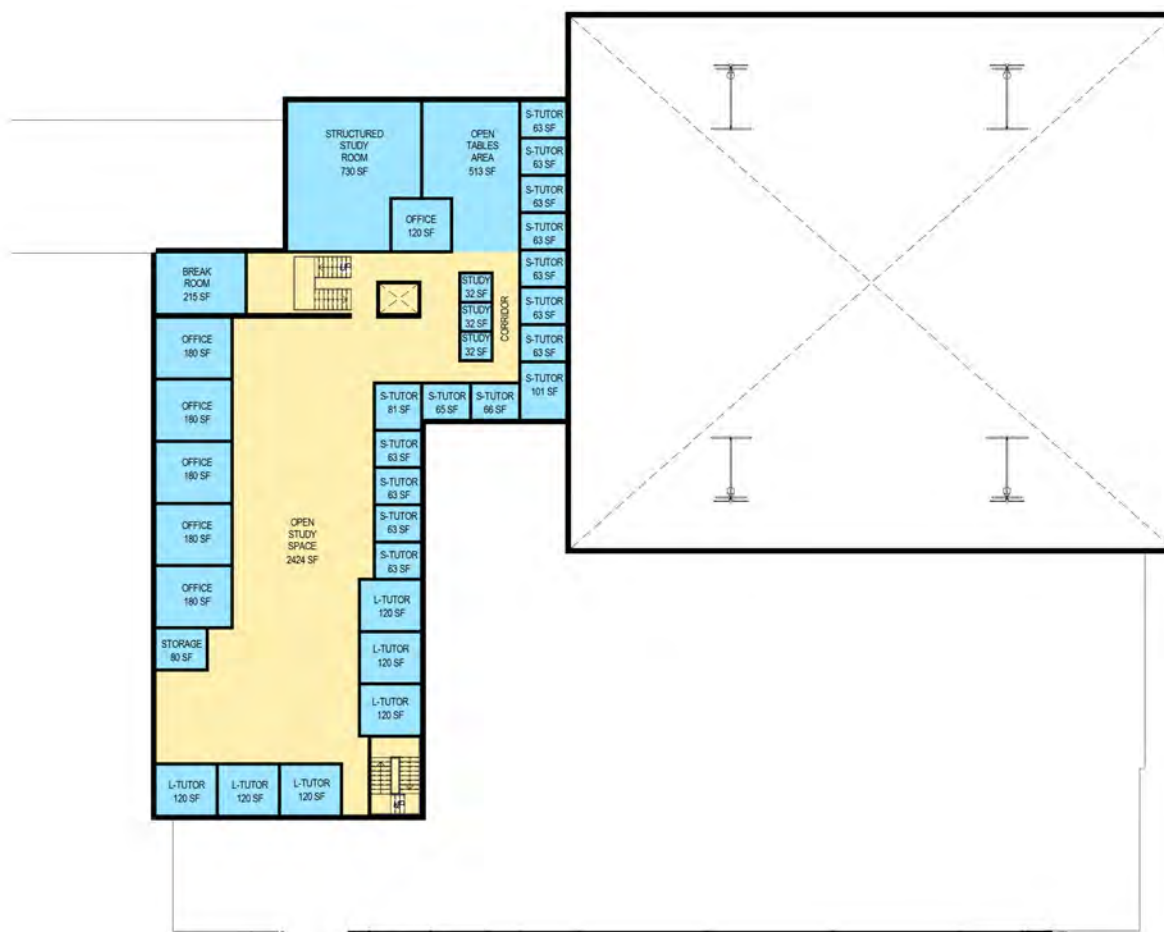
Fieldhouse Building Massing and Conceptual Character



Interior Perspective

Phase 3 - Student Success Center

The existing Student Success Center is being moved out of its current space because of the new Education Village. This will require the Success Center to temporarily be located on campus. At some point in the next few years, the pool in the existing Memorial Hall will be abandoned. When this occurs, the master plan calls for utilizing the tall pool volume to house the Student Success Center. This will require construction of a floor to match up to the existing second level of Memorial. The majority of the Success Center will be housed on the upper floor with parts of it located on the first floor.



Success Center on Second Level

Phase 4 - Football Stadium

The football stadium currently seats 3,000 spectators and lacks adequate concessions, concourses, restrooms, and locker rooms. The master plan calls for expanding seating capacity to approximately 5,700 with new concessions, restrooms, locker rooms, logo gear sales area, concessions, scoreboard, and fan amenities. The stadium improvements would capitalize on the adjacent field house by using its banquet room and by locating press rooms on its upper floors.



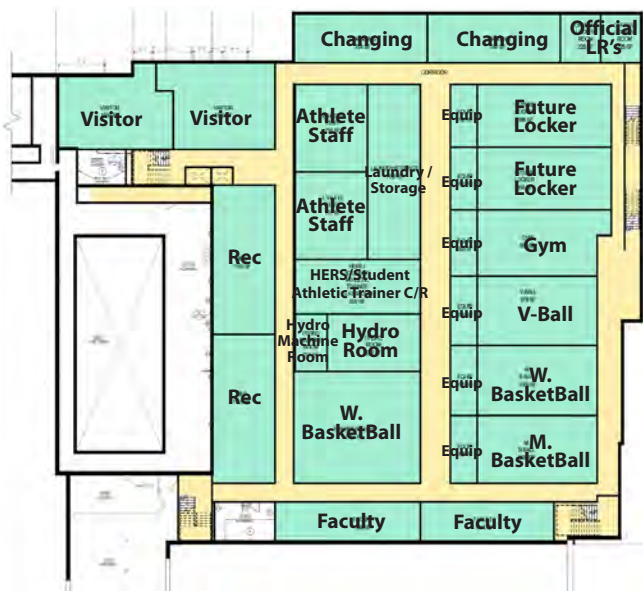
Football Stadium



Football Stadium

Phase 5 - Remodel McCown / Memorial Lower Level

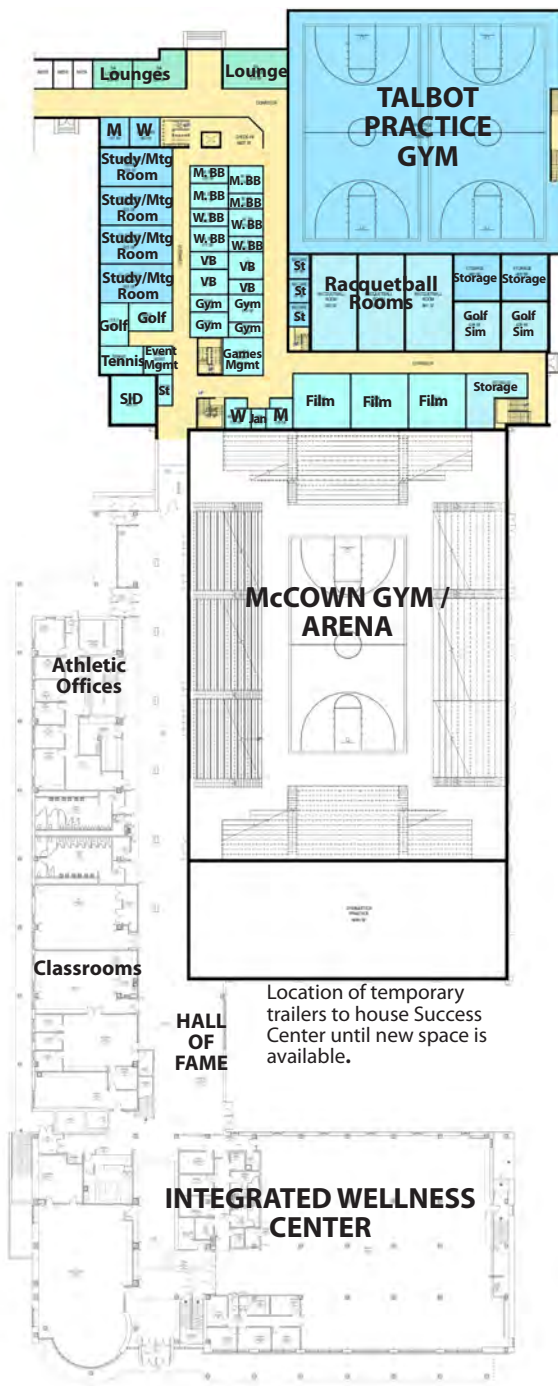
The existing lower level of Memorial and McCown houses severely outdated locker rooms and laundry room. The existing baseball dirt room with batting cages would also be removed, and moved to the new field house. The master plan calls for the entire lower level to be remodeled for team and recreation locker rooms, athletic training room, HERS training classroom, new laundry, and equipment issue areas. It will be organized to provide convenient access to McCown Gym and other areas used for practice and competition.



McCown / Memorial Hall Lower Level

Phase 6 - Remodel Memorial Hall and IWC for offices

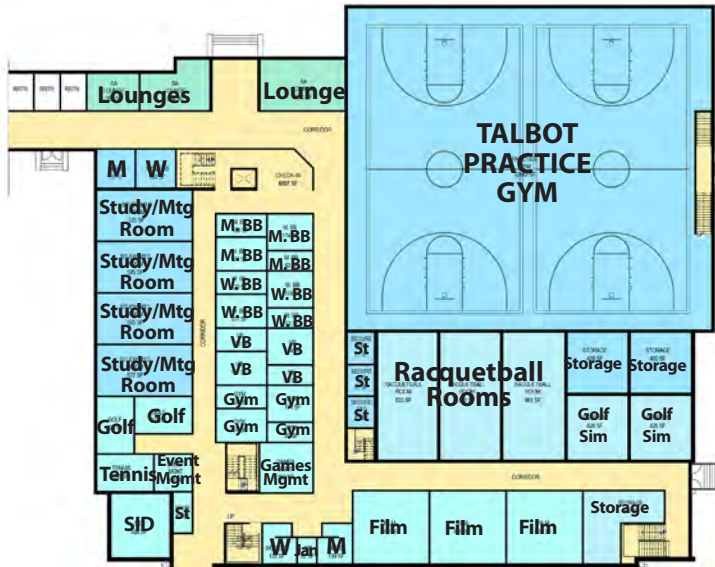
The offices for volleyball, tennis, basketball, gymnastics, operations, Sports Information, and PE will occupy remodeled space in Memorial Hall. This will be a convenient location for students, coaches, and professors. Athletic administration offices will remain in IWC. The existing Hall of Fame will also remain in IWC.



Remodel Memorial Hall and IWC for offices

Phase 7 - Talbot Practice Gym

The existing Talbot Gym will be remodeled as part of the master plan. It will receive new finishes and systems throughout. The floor will be oriented to allow for 2 cross and one main court. This space will meet the needs of volleyball, basketball, recreation, and academics for practice and other activities.

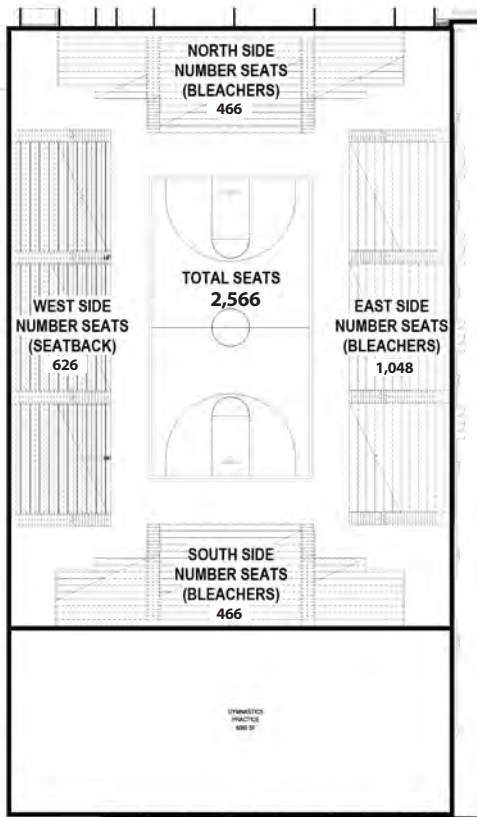


Talbot Practice Gym

Phase 8 - McCown Gym / Arena

The existing McCown Gym/Arena is a great 1970's venue. However, it is no-where near what athletes, fans, and coaches expect today. It's floor surfaces are so old they could actually hurt performance resulting in increased risk of injury. The master plan calls for a complete make-over of this space with new seating arranged in a bowl configuration, new lighting, new HVAC systems, new flooring, new graphics, new scoreboard, and creation of an elevated club area for donors. Seating would be a mix of chair back seats and bleachers with capacity increased to approximately 3,000. The competition floor would be oriented north/south to allow seating on all four sides of the court. This bowl effect would help provide a more collegiate feel to the venue.

Not all of the existing space is required for the arena allowing the furthest south area to be utilized for gymnastics. A wall would be constructed separating the arena from the gymnastics practice area. Doors from gymnastics into the arena would allow for easy movement of equipment into the arena for competitions.

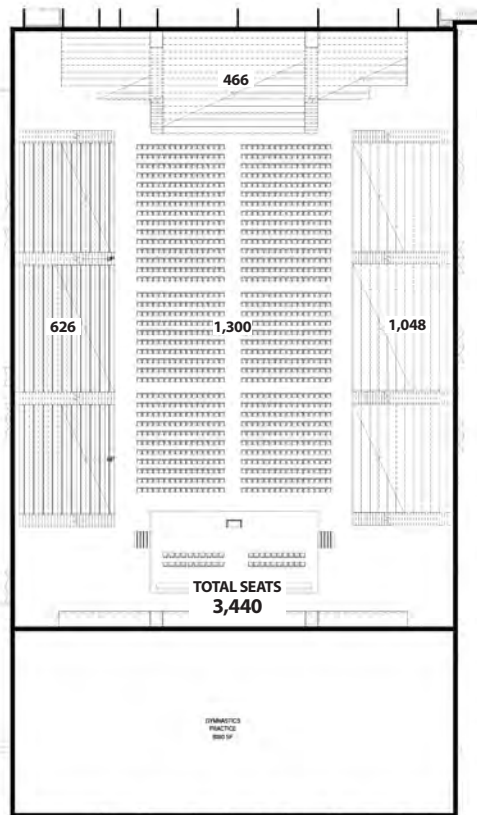


1 ARENA LAYOUT
3/4" = 1'-0"

TOTAL SEATS 3,115

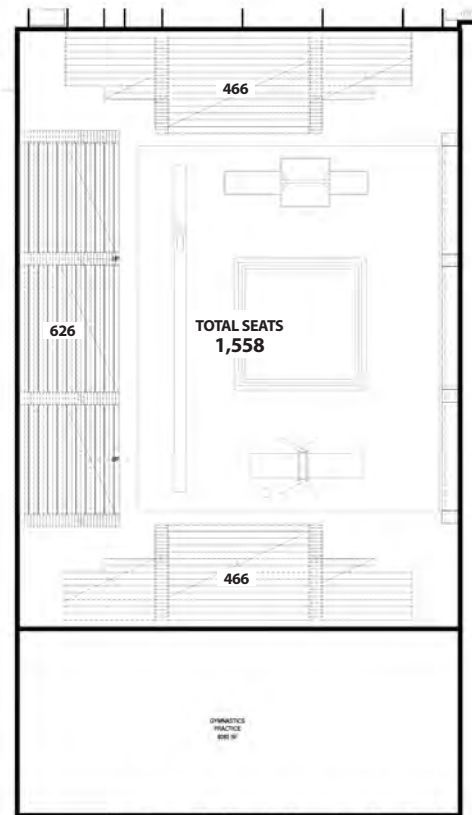


2 PRACTICE LAYOUT
3/4" = 1'-0"



3 COMMENCEMENT LAYOUT
3/4" = 1'-0"

TOTAL SEATS 3,471

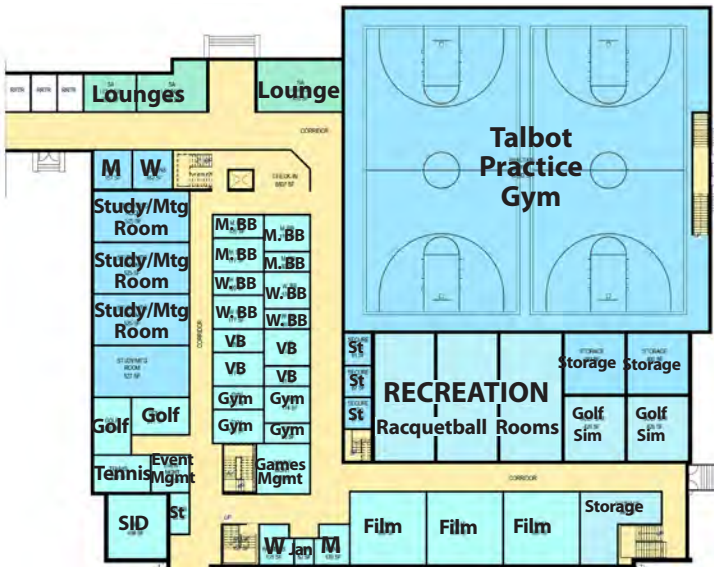


4 GYMNASTICS LAYOUT
3/4" = 1'-0"

TOTAL SEATS 2,228

Phase 9 - Recreation

Space in Memorial Hall, McCown, and IWC will house the indoor recreation activity areas. The new IWC meets most all needs of the WSU students for recreation. The existing facilities will be enhanced by remodeling: three of the existing racquet ball courts, locker rooms, and by adding two golf simulators. In addition, access to recreation space will be greatly improved for students because there will be less competition for space in McCown, Talbot, and in the IWC weight room and gymnasium. The construction of the new field house will move much athletic activity out of these spaces, therefore allowing recreation to have seven courts they have more access too. The new field house will also provide recreation with a significant indoor turf area that can be used to schedule soccer, flag football, lacrosse, and open recreation activities like Frisbee, softball, etc.



Additional recreation spaces

Phase 10 - Alumni Softball

The softball field is currently shared with the city of Winona. Its' location is close to campus, which is a real asset. However, the multi-use nature of the facility does compromise the outfield because of the movable fence. The master plan continues with the current location and anticipates a future team room and office addition to the complex. As was noted in Phase 1, the baseball site is adequate to accommodate a future softball field if WSU has a desire to move from the current location.





**PROJECT
SCHEDULE & COSTS**

CHAPTER SEVEN

Schedule and Costs

A Roadmap for Improvement

The WSU Campus Athletic and Recreation master plan consists of multiple components interwoven and planned to work together to improve quality of life on the WSU campus. The master plan is intended to provide a road map for facility and site improvements to be made over a fifteen year period.

The proposed timeline for improvements is:

2016	<ul style="list-style-type: none"> • Open New Baseball Stadium • Complete part of the improvements to McCown (Seating, Flooring, Lighting)
2017	<ul style="list-style-type: none"> • Start Construction of Field House
2018	<ul style="list-style-type: none"> • Continue Construction of Field House
2019	<ul style="list-style-type: none"> • Complete Construction of Field House
2020	<ul style="list-style-type: none"> • Complete Football Stadium Improvements
2021	<ul style="list-style-type: none"> • Remodel Lower Level of Memorial / McCown
2022	<ul style="list-style-type: none"> • Student Success Center moves into new space
2023	<ul style="list-style-type: none"> • Remodel for offices in Memorial Hall
2024	
2025	<ul style="list-style-type: none"> • Complete McCown Arena / Gymnastics
2026	
2027	<ul style="list-style-type: none"> • Complete Recreation Remodeling and Alumni Softball Team Room

Costs of Improvements

The master plan probable costs reflect the dollars needed to construct, equip, and design the facilities. These are most often referred to as total project costs. Anticipated funding sources can be found in the Comprehensive Facilities Plan document.

A summary of probable total project costs by component follows:

Phase 1 - Baseball Stadium

- 2016 TOTAL PROBABLE COST \$ 4,300,000

Phase 2 - Field House

- 2016 TOTAL PROBABLE COST \$59,000,000

Phase 3 - Student Success Center

- 2016 TOTAL PROBABLE COST \$ 4,300,000

Phase 4 - Football Stadium

- 2016 TOTAL PROBABLE COST \$ 8,000,000

Phase 5 - Lower Level of Memorial / McCown

- 2016 TOTAL PROBABLE COST \$ 6,000,000

Phase 6 - Offices

- 2016 TOTAL PROBABLE COST \$ 1,500,000

Phase 7 - Talbot Gym Remodel

- 2016 TOTAL PROBABLE COST \$ 1,400,000

Phase 8 - McCown Arena and Gymnastics

- 2016 TOTAL PROBABLE COST \$ 5,000,000

Phase 9 - Recreation Remodel

- 2016 TOTAL PROBABLE COST \$ 1,700,000

Phase 10 - Alumni Softball (price is for new)

- 2016 TOTAL PROBABLE COST \$ 3,000,000