



WESTERN CAROLINA UNIVERSITY ATHLETICS MASTER PLAN

May 2019

HEERY



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EXECUTIVE SUMMARY ATHLETICS MASTER PLAN

Western Carolina University Athletics is committed to success with integrity. Through this commitment we will realize our vision of becoming the premier institution of choice to be a student-athlete, coach, or athletic administrator in the Southern Conference.

- WCU Athletics Vision

Western Carolina University (WCU) is a public university, part of the University of North Carolina system, and is located in Cullowhee, North Carolina. The campus is set in the picturesque valley of the Tuckasegee River in the Western Carolina mountains, 52 miles southwest of Asheville, along NC-107. The University is near Great Smoky Mountains National Park, the Blue Ridge Parkway, and some of the nation's most beautiful national forest lands. In Fall of 2018, WCU had a student enrollment of 11,639, however with the new NC Promise Plan to make college more affordable and increase opportunity across the state, WCU expects enrollment to continue to rise.

WCU Athletics is a member of the National Collegiate Athletic Association (NCAA) Division-1 FCS and currently competes in Southern Conference (SoCon). The Catamounts provide athletic opportunities to approximately 350 student-athletes across 16 varsity sports programs including:

MENS SPORTS

Baseball
Basketball
Cross Country

Football
Golf
Track & Field (I&O)

WOMENS SPORTS

Basketball
Cross Country
Golf
Soccer

Softball
Tennis
Track & Field (I&O)
Volleyball

In early 2019, Western Carolina University's Board of Trustees provided a directive to WCU Athletics to develop an Athletic Facilities Master Plan that would provide a proactive plan for future athletics facilities development. Heery was selected as the planning consultant to lead this effort to help organize project priorities and provide a road map for future facility improvements. A Steering Committee composed of individuals from WCU Campus Facilities Management and WCU Athletics provided the vision and guidance to the planning process.

MASTER PLANNING PROCESS

The master planning process was kicked off with an on-site, interactive work session with the Heery team and Steering Committee. This collaborative session detailed the overall master planning goals and aspirations for the University and Athletics.

Throughout the course of the master planning process, the Heery team collaborated with the Steering Committee and benchmarked against comparable facilities both in and out of Conference to develop right-sized programs and detailed plans for facility modernization. The design team and Steering Committee continued to meet on a bi-monthly basis, both in-person and web-based, to develop the Athletics Master Plan that is further detailed on the following pages.

PROJECT PRIORITIES

During the master planning process, the design team categorized facility upgrades into three different priority levels - short-term, mid-term, and long-term - which was determined by program needs and “domino effect” created when WCU decided there will be no future capital investments made on Camp Lab Gym, which currently houses many of WCU Athletics locker rooms and offices.

The first project priority level includes a new Football Team Facility and a new Soccer, Track & Field, Golf, and Rec Team Facility. The Football Team Facility will house all daily operations for football, as well as shared sports medicine, strength and conditioning, and academics spaces for all student-athletes. This project must be completed first in order to move the football team out of their existing space at the Ramsey Center. This move management approach will free up space for Athletic offices to move out of Camp Lab Gym and into Football’s existing space at the Ramsey Center. The new Soccer, Track & Field, Golf, and Rec Facility is also a primary priority to provide locker room space for those sports before Camp Lab Gym use is discontinued.

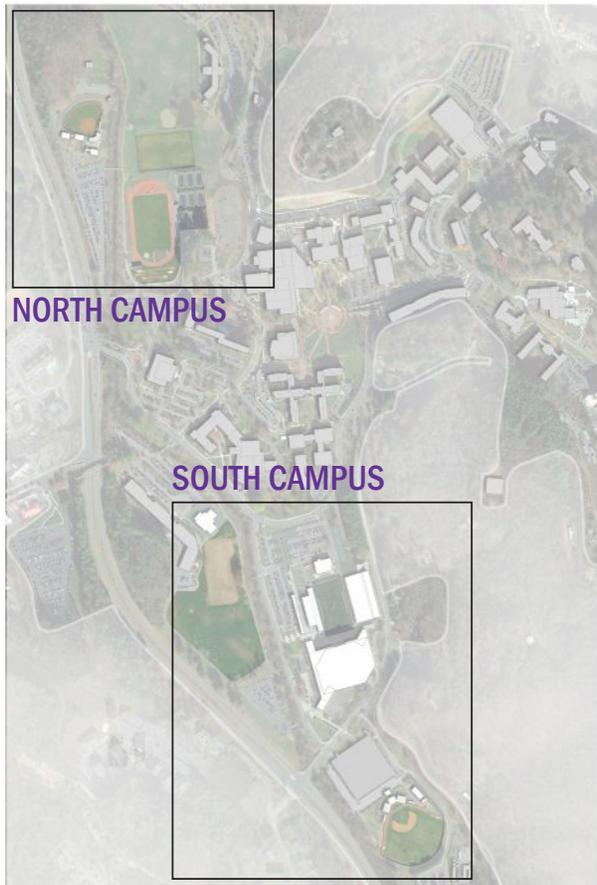
The second project priority level includes renovations to the Ramsey Center and a new Indoor Practice Facility. Renovations to the Ramsey Center will centralize Athletic offices in one spot, in the area that Football vacates once Football moves into their new Team Facility building. The proposed new Indoor Practice Facility provides practice area for all outdoor sports to utilize during inclement weather. The Indoor Practice Facility is connected to the Football Team Facility which helps obscure the massive scale, as well as aligns the facility with Whitmire Stadium.

The third project priority level includes Whitmire Stadium expansions, a new practice gym expansion, Hennon Stadium improvements and Catamount Softball Complex upgrades. Both the baseball and softball facilities currently lack indoor hitting and pitching areas, and baseball lacks a team facility at its stadium. The Whitmire Stadium expansion creates a plan for an expanded press box and club room, as well as additional seats for future expansion. The stadium expansion will address ADA concerns within the existing press/club area. The practice gym expansion provides additional practice space for teams that utilize the Ramsey Center, as well as a potential competition court for Women’s Volleyball and Basketball. The new practice gym will meet NCAA height requirements for Volleyball matches.



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EXISTING SITE ANALYSIS CAMPUS CONTEXT



WCU Athletics occupies facilities in both North Campus and South Campus, as illustrated on the map to the right.

North Campus includes the Catamount Softball Complex and the Catamount Athletic Complex (CAC). The CAC houses competition and outdoor practice facilities for Women’s Soccer, Women’s Tennis, and Men’s and Women’s Track & Field. The CAC also includes locker rooms for the Soccer and Tennis programs.

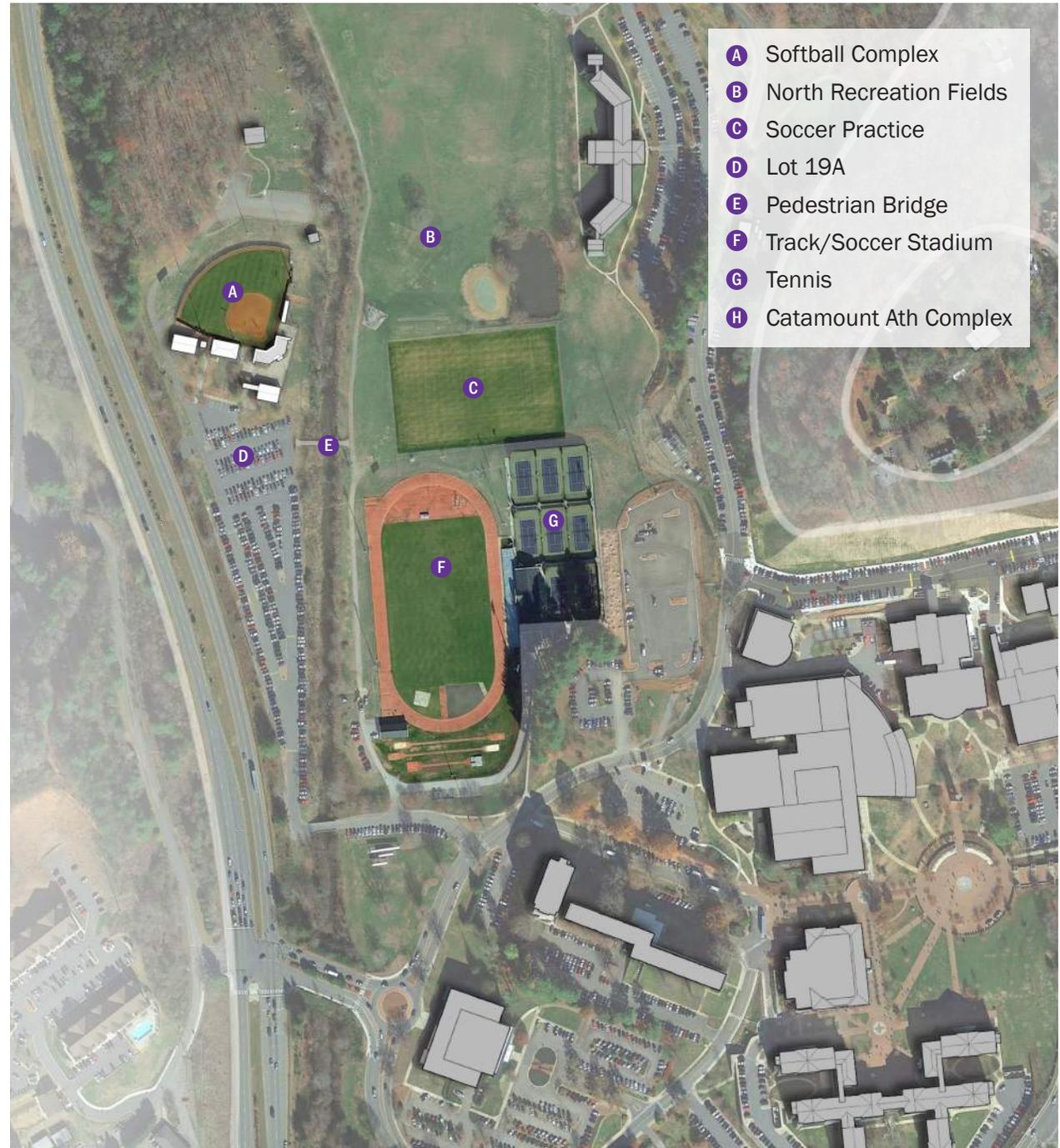
South Campus includes Whitmire Stadium, the Ramsey Center, Hennon Stadium, and the Camp Lab Gymnasium.

- Whitmire Stadium is the 13,742-seat football stadium with structured seating along the east and west sidelines, a strength and conditioning fieldhouse in the north end zone, and the Ramsey Center in the south end zone.
- The Ramsey Center is the home for Men’s and Women’s Basketball and Women’s Volleyball. The Ramsey Center also houses most of WCU Athletic offices, the primary sports medicine area for all athletes, the Football locker room, Football meeting areas, and the Baseball locker room.
- Hennon Stadium is located 300 yards south of the Ramsey Center and is the 1,500-seat competition field for WCU Baseball.
- Camp Lab Gym is an old gymnasium located across Cullowhee Creek north of the campus recreation fields and houses the remainder of athletic office and locker rooms.

During the planning process, the design team met with individual user groups to determine the needs and wishes for each program. The list below details specific interests by program.

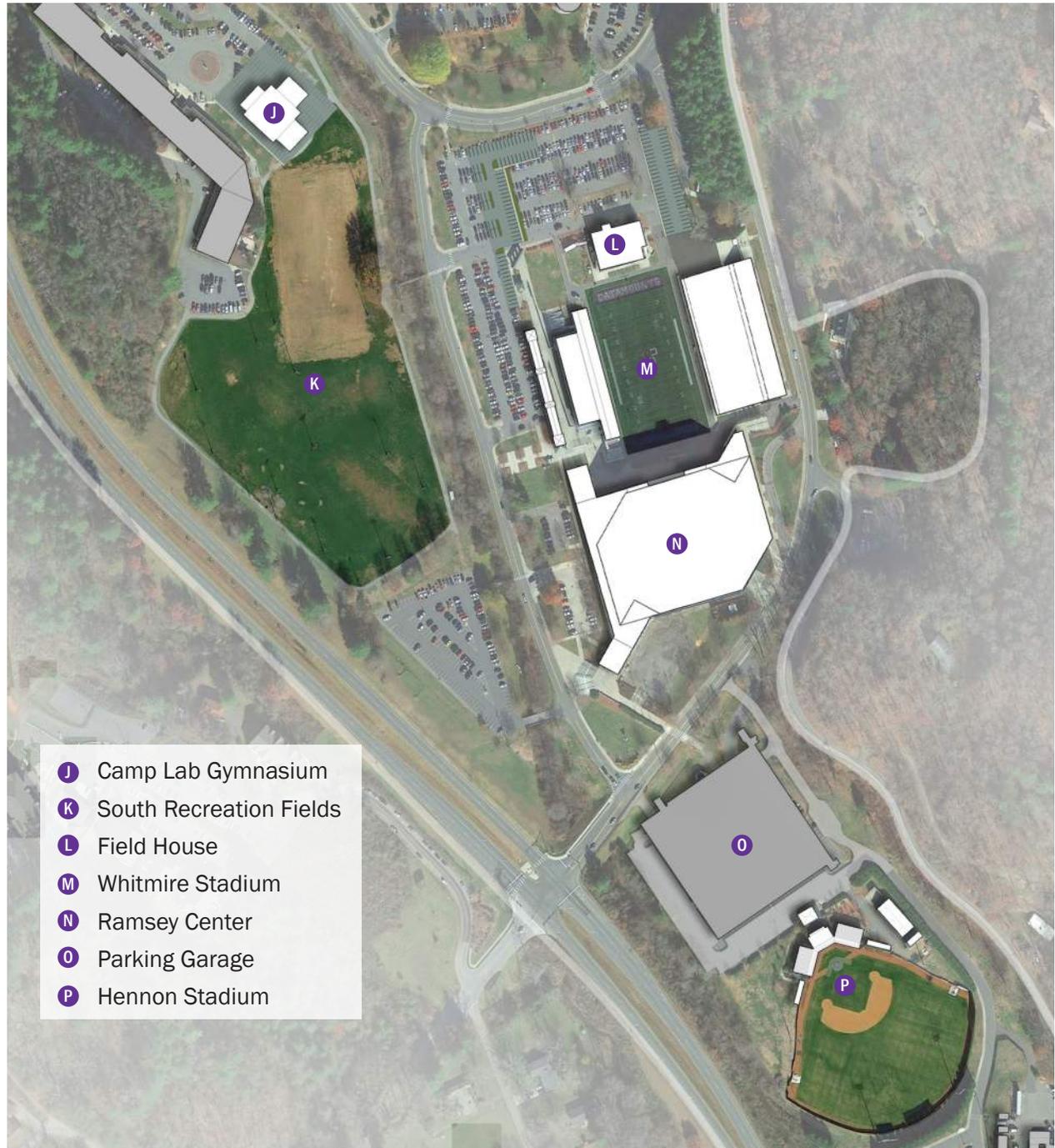
NORTH CAMPUS ESSENTIALS:

- The softball team needs enclosed space for practice for additional privacy, conditioned space, and player development advantages.
- Men's and Women's Track & Field needs respective locker rooms near their competition venue.
- Women's Soccer needs a locker room near their stadium and practice field.
- Golf team needs an on-campus practice area.
- Cheerleading needs an on-campus practice area.



SOUTH CAMPUS ESSENTIALS:

- Camp Lab Gym currently houses offices for Soccer, Softball, and Track; locker rooms for Men's and Women's Track; a satellite Sports Medicine area; and indoor Golf practice area.
- Athletic offices are partially decentralized and need to be relocated prior to the Camp Lab Gym demolition.
- Football's current team facility spaces in the Ramsey Center is inadequate for Conference standards (locker room, weight room, sports medicine, equipment room, offices, meeting rooms, etc.).
- All outdoor sports currently practice outdoors and need an indoor practice facility for inclement weather.
- Whitmire Stadium's press box/club is currently undersized, inefficient, and does not meet ADA code requirements.
- The current auxiliary gym in the Ramsey Center is utilized by several users which creates issues for scheduling and is too short to meet NCAA Volleyball requirements.
- The baseball team needs player development facilities and indoor cages located at the stadium.





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ATHLETIC MASTER PLAN PROPOSED CONCEPTS

SOCCER, TRACK & FIELD, GOLF LOCKER ROOMS | The decision that there will be no future capital investments made to the Camp Lab Gym building creates a domino effect for athletic facility needs on the WCU Campus. New space is needed to replace and upgrade the existing facilities for offices and locker rooms. Planning the ideal locations and relationships for these locker room facilities ensures a positive impact on the daily operations and overall recruiting for WCU Athletics. WCU Athletics agreed upon a centralized approach for athletic offices for the displaced teams (Soccer, Track & Field, and Golf) once relocated from the Camp Lab Gym. The centralized approach allows coaching staff to share ideas and experiences between sports, making the Ramsey Center the ideal location for coaches offices.

FOOTBALL TEAM FACILITY | The current football team facility, located in the Ramsey Center, does not create a competitive advantage compared to other programs within Southern Conference. The athletic master plan revealed that a new team facility is needed for the football program to grow. This facility will include a Football locker room, player’s lounge, equipment area, team meeting spaces, and coaches’ offices. The new facility will also provide space for sports medicine, strength and conditioning, and academic facilities for all student-athletes. Once Football vacates the Ramsey Center, the offices currently in Camp Gym can relocate to the Ramsey Center. The Football Team Facility building is a more immediate priority due to the proceeding office relocations in the “domino effect”.

ATHLETIC MASTER PLAN

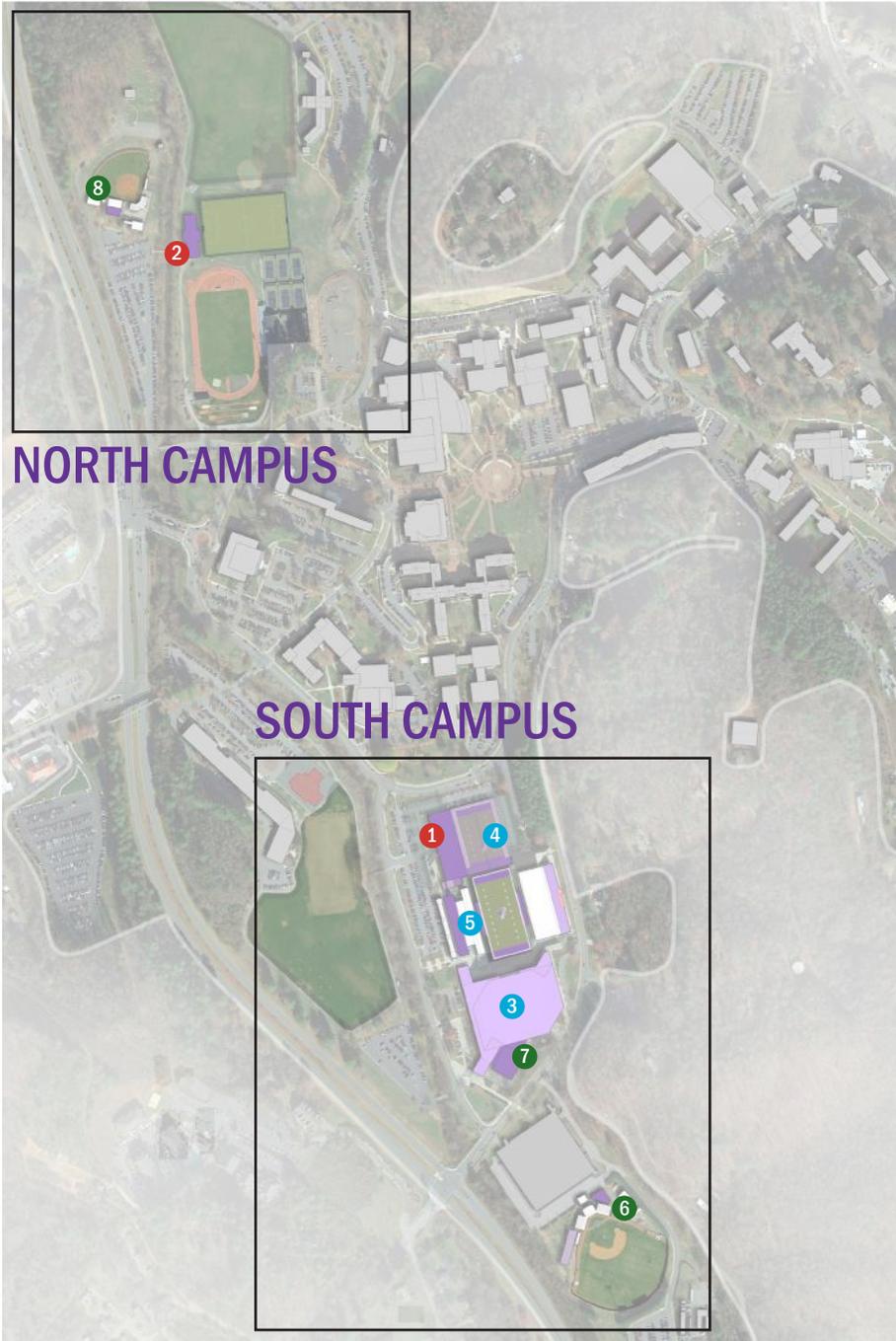
PROPOSED CONCEPTS

INDOOR PRACTICE FACILITY | An indoor practice facility is also essential for all outdoor sports to train during inclement weather. The new indoor practice facility will be located near the new football team facility and stadium, which provides the ideal adjacency for football practice and operations.

WHITMIRE STADIUM RENOVATIONS | Multiple options were explored for renovations to Whitmire Stadium from upgrading the current press and Chancellors box on the East to building a full press and amenity tower on the West side of the Stadium. The study also looked at seating expansion options for future growth opportunities.

ADDITIONAL ATHLETIC IMPROVEMENTS | The athletic master plan also explored a new Baseball team facility at Hennon Stadium, an additional Practice Gym at the Ramsey Center, and enclosed practice cages at the Softball Complex.

The following pages highlight three levels of priority - short-term, mid-term, and long-term - providing a road map for Athletics to proceed with facility improvements. Detailed programs and floor plans were also developed for Priority 1 improvements (New Football Team Facility and New Soccer, Track & Field, Golf, and Rec Locker Room Facility), as well as conceptual massing renderings for the new Football Team Facility. Priority 2 and 3 improvements include program and conceptual plans for future upgrades.



NORTH CAMPUS

SOUTH CAMPUS

PRIORITY 1

- ① New Football Team Facility
- ② New Soccer, Track & Field, Golf, and Rec Locker Room Facility

PRIORITY 2

- ③ Renovations to Ramsey Center
- ④ New Indoor Practice Facility
- ⑤ Whitmire Stadium Renovations

PRIORITY 3

- ⑥ New Baseball Team Facility
- ⑦ New Practice Gym Expansion
- ⑧ New Softball Practice Facility

NORTH CAMPUS



SOUTH CAMPUS

PRIORITY 1

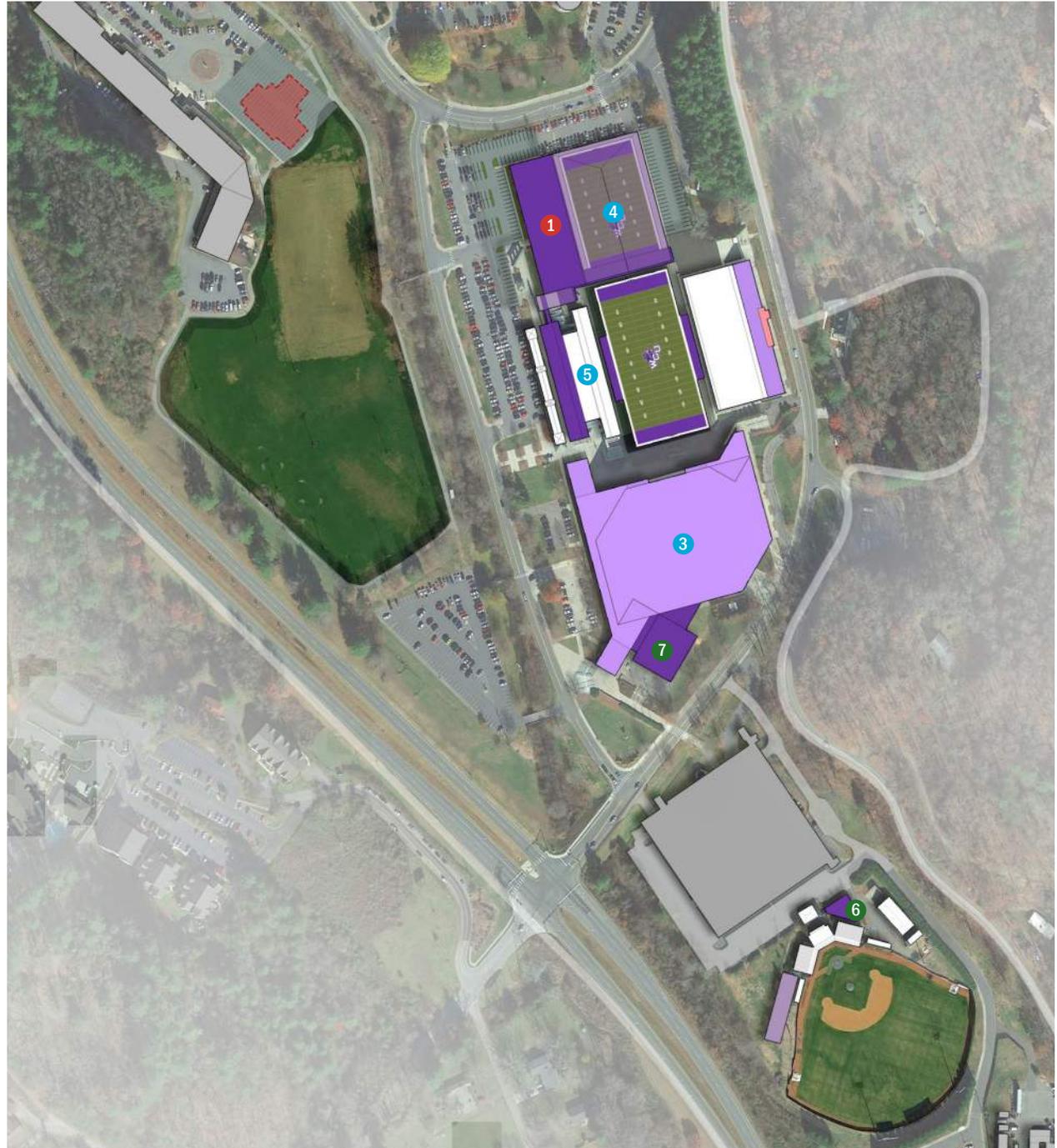
- 1 New Football Team Facility
- 2 New Soccer, Track & Field, Golf, and Rec Facility

PRIORITY 2

- 3 Renovations to Ramsey Center
- 4 New Indoor Practice Facility
- 5 Whitmire Stadium Renovations

PRIORITY 3

- 6 New Baseball Team Facility
- 7 New Practice Gym Expansion
- 8 New Softball Practice Facility







NEW FOOTBALL TEAM FACILITY + INDOOR PRACTICE FACILITY

The WCU Football program is currently housed in two neighboring locker rooms within the Ramsey Center at the south end of Whitmire Stadium. The football coaches' offices and team meeting rooms are located on the second floor of the Ramsey Center. The meeting room is currently not dividable into individual position rooms, which forces the groups to find alternative locations to meet. The equipment room and sports medicine areas are on the lower level near the locker rooms, while strength and conditioning and academics are located in the fieldhouse in the north end zone. All four of these spaces are shared between all student-athletes and are significantly undersized to serve the current number of athletes. The current football team facility spaces do not meet competitive recruiting standards with other programs in the Southern Conference.

To address the football program needs, an enlarged football team facility in the north end zone will create a new home for WCU Football that is comparable to other Southern Conference programs. Simultaneously, relocating and expanding the shared functions for sports medicine, strength and conditioning, and academics to the new football team facility yields an upgraded experience for all student-athletes.

WCU Athletics also emphasized the importance of an indoor practice area for outdoor sports to use during inclement weather. Multiple sports have lost valuable practice time leading into their respective seasons due to insufficient areas to practice during storms. The new indoor practice facility has a partial football field length which provides WCU Athletics enough space for agility and alternative drills.

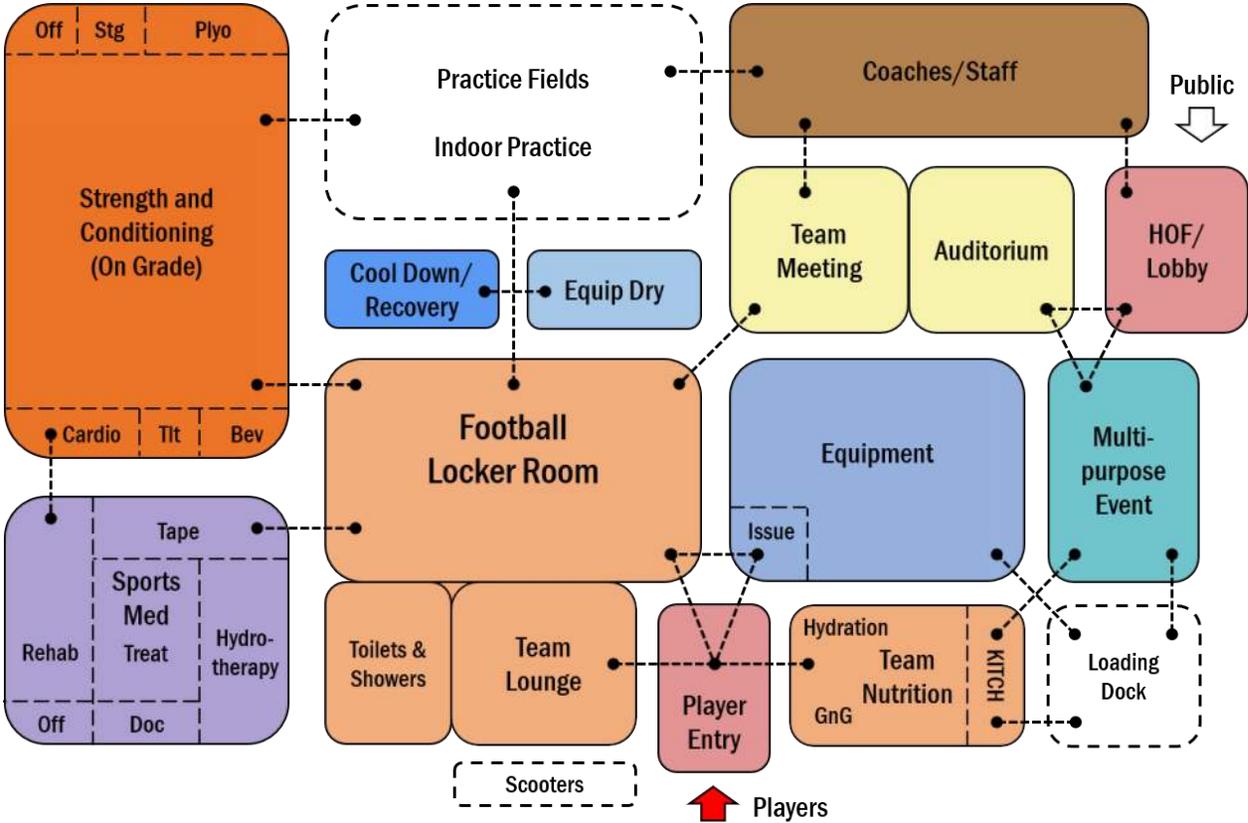
Multiple options for the arrangement of the football team facility and indoor practice facility were presented to WCU Athletics. Ultimately, the selected arrangement is on axis with the competition field and connects to the west side of the new football team facility. This option provides a functional adjacency, while utilizing the architecture of the team facility to help reduce the massing of the indoor practice facility.

PROGRAM SUMMARY

During the master planning process, the design team developed a full program for the new team facility and indoor practice facility. The sizes below illustrate the conceptual square footages by space type. During the program verification phase of each project, the square footages will need to be re-verified based on future program needs. The diagram on the right depicts the optimal adjacency relationships between the team facility space types.

Team Facility Total	68,353
Football Locker Room	7,691
Player's Lounge	3,113
Equipment	5,864
Team Meeting Rooms	10,165
Football Offices	10,168
Sports Medicine (shared)	6,104
S&C (shared)	14,742
General	1,562
Academic (shared)	8,944

Indoor Practice Total 65,642



**PROGRAM
INDOOR PRACTICE FACILITY**

WCU Athletic MP - Program											NEW PROGRAM			
Room Name	Unit			EXT	NSF			DSF			GSF			
	Count	X	Y		Each	Quanti	Total	%	SF	Total	%	SF	Total	
Indoor Football Practice Facility														
Indoor Practice														
Indoor Field	1	160	270		43,200	1	43,200	0%	0	43,200	10%	4,320	47,520	
Addtnl Field Practice	0	160	30		0	1	0	0%	0	0	10%	0	0	
Indoor Runoff	15	1	860		12,900	1	12,900	0%	0	12,900	10%	1,290	14,190	
3 Sprint Lanes*	1	17	380		6,460	0	0	0%	0	0	10%	0	0	
Sand Pit*	1	12	30		360	0	0	0%	0	0	10%	0	0	
Indoor Storage - Football	1	16	50		800	1	800	0%	0	800	20%	160	960	
Indoor Storage - Other Sports	1	16	20		320	1	320	0%	0	320	20%	64	384	
Outdoor Storage	1	16	50		800	1	800	0%	0	800	20%	160	960	
Entry Lobby	1	12	40		480	1	480	15%	72	552	20%	110	662	
Visitor Viewing / Recruiting	1	12	25		300	0	0	15%	0	0	20%	0	0	
Janitor	1	10	12		120	0	0	15%	0	0	20%	0	0	
Filming Platform	1	5	12		60	2	120	15%	18	138	20%	28	166	
Mens / Womens Toilet	1	5	10		50	8	400	15%	60	460	20%	92	552	
Unisex Toilet	1	6	10		60	1	60	15%	9	69	20%	14	83	
Water / Riser	1	10	12		120	1	120	15%	18	138	20%	28	166	
Electrical	1	10	15		150	0	0	15%	0	0	20%	0	0	
IT	1	10	12		120	0	0	15%	0	0	20%	0	0	
AV / Sound	1	10	10		100	0	0	15%	0	0	20%	0	0	
* Included in runoff							59,200		177	59,377		6,265	65,642	
INDOOR PRACTICE							59,200		177	59,377		6,265	65,642	

PROGRAM
FOOTBALL TEAM FACILITY
FOOTBALL PLAYER FUNCTIONS

WCU Athletic MP - Program										NEW PROGRAM				
Room Name	Unit			EXT	NSF			DSF			GSF			
	Count	X	Y		Each	Quanti	Total	%	SF	Total	%	SF	Total	
FOOTBALL TEAM FACILITY														
FTBL PLAYER FUNCTIONS														
Locker Room														
Locker Area	120	3	8		2,880	1	2,880	15%	432	3,312	20%	662	3,974	
Team Gather	120	7	1		840	1	840	15%	126	966	20%	193	1,159	
Vestibule	1	10	20		200	1	200	15%	30	230	20%	46	276	
Showers	25	5	6		750	1	750	15%	113	863	20%	173	1,035	
Drying Area	8	6	8		384	1	384	15%	58	442	20%	88	530	
Toilets	8	3	8		192	1	192	15%	29	221	20%	44	265	
Urinals	9	3	5		135	1	135	15%	20	155	20%	31	186	
Lavs / Grooming Area	8	3	8		192	1	192	15%	29	221	20%	44	265	
							5,573		836	6,409		1,282	7,691	
Team Lounge														
Lounge/Display/Game Room	40	6	7		1,680	1	1,680	15%	252	1,932	20%	386	2,318	
Study Lounge	8	6	7		336	1	336	15%	50	386	20%	77	464	
Hydration	1	12	20		240	1	240	15%	36	276	20%	55	331	
Barber Shop	0	12	16		0	1	0	15%	0	0	20%	0	0	
							2,256		338	2,594		519	3,113	
Equipment														
Office	1	10	16		160	0	0	15%	0	0	20%	0	0	
Mgr office	1	10	12		120	1	120	15%	18	138	20%	28	166	
Player compartment (150 -5 high)	150	1	2		300	1	300	15%	45	345	20%	69	414	
Mannequins display - in lobby	3	2	4		24	1	24	15%	4	28	20%	6	33	
Laundry 4w & 4d commercial	1	18	30		540	1	540	15%	81	621	20%	124	745	
Drink Cooler	1	8	10		80	1	80	15%	12	92	20%	18	110	
Issue Window	1	10	6		60	1	60	15%	9	69	20%	14	83	
Cubies (Ftbl)	125	1	2		250	1	250	15%	38	288	20%	58	345	
Laundry Cart Storage (Ftbl)	8	2	3		48	1	48	15%	7	55	20%	11	66	
Trunks	24	3	3		216	1	216	15%	32	248	20%	50	298	
Work area with benches	1	12	20		240	1	240	15%	36	276	20%	55	331	
SpaceSaver*	1	20	80		1,600	1	1,600	15%	240	1,840	20%	368	2,208	
Coaches Gear storage	1	10	12		120	1	120	15%	18	138	20%	28	166	
Covered dock	2	10	12		240	1	240	15%	36	276	20%	55	331	
Bulk Storage	1	15	20		300	1	300	15%	45	345	20%	69	414	
Laundry chutes	3	2	2		12	1	12	15%	2	14	20%	3	17	
Shoe Drying	1	10	10		100	1	100	15%	15	115	20%	23	138	
							4,250		638	4,888		978	5,865	
Team Meeting														
Auditorium	150	4	5		3,000	1	3,000	10%	300	3,300	20%	660	3,960	
Auditorium A/V Room	1	6	10		60	1	60	15%	9	69	20%	14	83	
Auditorium Support/stg	1	12	10		120	1	120	15%	18	138	20%	28	166	
X-Large Meeting Room	60	4	5		1,200	1	1,200	10%	120	1,320	20%	264	1,584	
Scout Rooms	24	4	6		576	0	0	15%	0	0	20%	0	0	
Large position room	24	4	6		576	2	1,152	15%	173	1,325	20%	265	1,590	
Medium Position Room	18	4	6		432	3	1,296	15%	194	1,490	20%	298	1,788	
Small meeting room	10	4	6		240	3	720	15%	108	828	20%	166	994	
							7,548		922	8,470		1,694	10,164	
FTBL PLAYER FUNCTIONS TOTALS							19,627		22,361			26,833		

PROGRAM
 FOOTBALL TEAM FACILITY
 FOOTBALL COACHES

WCU Athletic MP - Program													NEW PROGRAM		
Room Name	Unit			EXT	NSF			DSF			GSF				
	Count	X	Y		Each	Quanti	Total	%	SF	Total	%	SF	Total		
FTBL COACHES															
Head Coach Suite															
Head Coach	1	16	24		384	1	384	15%	58	442	20%	88	530		
Toilet / Shower Rm	1	6	10		60	1	60	15%	9	69	20%	14	83		
General Storage	1	8	10		80	0	0	15%	0	0	20%	0	0		
Pantry	1	4	6		24	0	0	15%	0	0	20%	0	0		
HC Closet	1	3	6		18	1	18	15%	3	21	20%	4	25		
Covered Balcony	1	5	10		50	1	50	15%	8	58	20%	12	69		
HC Reception	8	4	6		192	0	0	15%	0	0	20%	0	0		
Conference / Staff Room	30	4	4		480	1	480	15%	72	552	20%	110	662		
							992		149	1,141		228	1,369		
Assistant Coaches															
Assistant Coach - OC	1	12	20		240	1	240	15%	36	276	20%	55	331		
Assistant Coach - DC	1	12	20		240	1	240	15%	36	276	20%	55	331		
Grad Assistant	6	6	6		216	1	216	15%	32	248	20%	50	298		
Assistant coaches	1	12	16		192	8	1,536	15%	230	1,766	20%	353	2,120		
Admin Assistant	1	8	8		64	2	128	15%	19	147	20%	29	177		
Head Operations	1	12	16		192	1	192	15%	29	221	20%	44	265		
Recruiting Coordinator	1	12	16		192	1	192	15%	29	221	20%	44	265		
Recruiting interns	4	6	8		192	1	192	15%	29	221	20%	44	265		
Flex office	1	12	16		192	1	192	15%	29	221	20%	44	265		
Parents waiting	8	4	6		192	0	0	15%	0	0	20%	0	0		
File storage	1	8	12		96	1	96	15%	14	110	20%	22	132		
Sorting/Programs	1	12	16		192	0	0	15%	0	0	20%	0	0		
Break room	1	12	16		192	1	192	15%	29	221	20%	44	265		
Conference Room - OC	10	4	5		200	1	200	15%	30	230	20%	46	276		
Conference Room - DC	10	4	5		200	1	200	15%	30	230	20%	46	276		
Main Reception	8	4	6		192	1	192	15%	29	221	20%	44	265		
Closet	1	12	16		192	1	192	15%	29	221	20%	44	265		
Work Copy Room	1	12	16		192	1	192	15%	29	221	20%	44	265		
Staff Restrooms	1	10	15		150	2	300	15%	45	345	20%	69	414		
Staff locker room	10	2	8		160	2	320	15%	48	368	20%	74	442		
							5,012		752	5,764		1,153	6,917		
Video - Coaches															
Video Room	1	10	25		250	1	250	15%	38	288	20%	58	345		
Video FTE	1	10	10		100	1	100	15%	15	115	20%	23	138		
Video GA	1	8	8		64	0	0	15%	0	0	20%	0	0		
Video Student Workers	1	6	8		48	0	0	15%	0	0	20%	0	0		
Video staff (occasional)	1	8	8		64	0	0	15%	0	0	20%	0	0		
Video Server room	1	9	12		108	1	108	15%	16	124	20%	25	149		
Patch & Switches	1	6	8		48	0	0	15%	0	0	20%	0	0		
Video Equipment Stg	1	8	10		80	1	80	15%	12	92	20%	18	110		
Video Trunks	1	8	10		80	0	0	15%	0	0	20%	0	0		
Video Archive Storage	1	6	10		60	0	0	15%	0	0	20%	0	0		
							538		81	619		124	742		
Football Coaches Locker Room															
Coaches Locker Room	16	3	5		240	1	240	15%	36	276	20%	55	331		
Gather	16	7	1		112	1	112	15%	17	129	20%	26	155		
Showers/Drying Rooms	6	5	10		300	1	300	15%	45	345	20%	69	414		
Toilets	3	3	8		72	1	72	15%	11	83	20%	17	99		
Urinals	2	3	5		30	1	30	15%	5	35	20%	7	41		
Lavs / Grooming Area	3	3	8		72	1	72	15%	11	83	20%	17	99		
							826		124	950		190	1,140		
FTBL COACHES TOTALS							7,368		8473		10,168				

**PROGRAM
FOOTBALL TEAM FACILITY
SHARED PLAYER FUNCTIONS FOR
SPORTS MEDICINE AND
STRENGTH & CONDITIONING**

WCU Athletic MP - Program											NEW PROGRAM		
Room Name	Unit			EXT	NSF			DSF			GSF		
	Count	X	Y		Each	Quanti	Total	%	SF	Total	%	SF	Total
Sports Medicine													
Reception / entry	1	7	10		70	1	70	15%	11	81	20%	16	97
Waiting area (4)	1	10	10		100	1	100	15%	15	115	20%	23	138
Exam Room	1	10	10		100	1	100	15%	15	115	20%	23	138
Head physician w/ Xray	1	10	16		160	1	160	15%	24	184	20%	37	221
Fabrication/Casting Room	1	10	12		120	0	0	15%	0	0	20%	0	0
Head office / staff conf (4)	1	12	18		216	1	216	15%	32	248	20%	50	298
Assist office	1	10	12		120	2	240	15%	36	276	20%	55	331
Office/Treatment Room	1	10	10		100	1	100	15%	15	115	20%	23	138
Massage Therapy	1	10	12		120	0	0	15%	0	0	20%	0	0
Procedure Minor surgery Room	1	10	18		180	0	0	15%	0	0	20%	0	0
Xray room	1	10	10		100	0	0	15%	0	0	20%	0	0
Unisex toilets -Drug testing	1	8	8		64	1	64	15%	10	74	20%	15	88
Conference	10	4	5		200	0	0	15%	0	0	20%	0	0
Break room	1	12	20		240	0	0	15%	0	0	20%	0	0
Work area	1	5	10		50	1	50	15%	8	58	20%	12	69
Taping Tables	1	4	8		32	6	192	10%	19	211	20%	42	253
Treatment Tables	1	6	9		54	12	648	10%	65	713	20%	143	855
Rehab Equipment	1	15	25		375	1	375	10%	38	413	20%	83	495
Rehab Plyometrics	1	15	25		375	1	375	10%	38	413	20%	83	495
Storage - general	1	10	15		150	1	150	15%	23	173	20%	35	207
Ice/Cooler Storage	1	12	10		120	1	120	15%	18	138	20%	28	166
Garage - gators	2	10	10		200	0	0	15%	0	0	20%	0	0
Locked storage	1	5	10		50	1	50	15%	8	58	20%	12	69
Hot Plunge - 10p	10	3	10		300	1	300	15%	45	345	20%	69	414
Cold Plunge - 10p	10	3	10		300	1	300	15%	45	345	20%	69	414
Steam	6	4	5		120	0	0	15%	0	0	20%	0	0
Sauna	6	4	5		120	0	0	15%	0	0	20%	0	0
Appendage pools	1	5	5		25	2	50	15%	8	58	20%	12	69
Therapy Pool - HydroWorx 200	1	18	22		396	1	396	15%	59	455	20%	91	546
Change / Rinse Shwr	1	5	8		40	1	40	15%	6	46	20%	9	55
Equip pits	1	18	22		396	1	396	15%	59	455	20%	91	546
							4,492		594	5,086		1,017	6,104
Strength & Conditioning													
Power Racks	12	12	16		2,304	1	2,304	10%	230	2,534	20%	507	3,041
Open Floor Equipment	1	40	80		3,200	1	3,200	10%	320	3,520	20%	704	4,224
Turf / plyo area	1	40	80		3,200	1	3,200	10%	320	3,520	20%	704	4,224
Head S&C office	1	12	16		192	1	192	15%	29	221	20%	44	265
FT Staff Office	1	10	10		100	2	200	15%	30	230	20%	46	276
GA's Office	1	12	16		192	1	192	15%	29	221	20%	44	265
S & C Locker Area Men/ women	1	8	10		80	2	160	15%	24	184	20%	37	221
Toilets Showers Men / women	1	8	8		64	2	128	15%	19	147	20%	29	177
Storage	1	10	15		150	1	150	15%	23	173	20%	35	207
Housekeeping	1	7	10		70	1	70	15%	11	81	20%	16	97
Conference	10	4	5		200	0	0	15%	0	0	20%	0	0
Nutrition	1	20	25		500	1	500	15%	75	575	20%	115	690
Cardio Mezzanine	1	16	50		800	1	800	10%	80	880	20%	176	1,056
							11,096		1,189	12,285		2,457	14,742
SHARED PLAYER FUNCTIONS TOTALS							15,588			17,372			20,846
Football Facility - General													
Hall of Fame	1	20	20		400	1	400	15%	60	460	20%	92	552
Elevators (3 Floors)	1	12	12		144	1	144	15%	22	166	20%	33	199
M/W Restrooms	3	6	8		144	2	288	15%	43	331	20%	66	397
Players Entry	1	12	25		300	1	300	15%	45	345	20%	69	414
							1,132		170	1,302		260	1,562
FTBL TEAM FACILITY TOTALS					TOT. NSF>		43,715	TOT. DSF>		49,508	TOT. GSF>		59,409

**PROGRAM
FOOTBALL TEAM FACILITY
SHARED PLAYER FUNCTIONS FOR
ACADEMIC CENTER**

WCU Athletic MP - Program												NEW PROGRAM		
Room Name	Unit			EXT	NSF			DSF			GSF			
	Count	X	Y		Each	Quanti	Total	%	SF	Total	%	SF	Total	
ACADEMIC CENTER														
Reception, Check-In, Study Hall														
Check-in	1	10	10		100	1	100	25%	25	125	25%	31	156	
AC Reception	1	10	10		100	1	100	25%	25	125	25%	31	156	
24 HR Study Room	10	5	6		300	1	300	25%	75	375	25%	94	469	
Open Study Lounge	20	5	6		600	1	600	25%	150	750	25%	188	938	
Healthy Vending/Break	1	3	8		24	1	24	25%	6	30	25%	8	38	
AC Men's Restroom	3	6	8		144	1	144	25%	36	180	25%	45	225	
AC Women's Restroom	3	8	8		192	1	192	25%	48	240	25%	60	300	
							1,460		365	1,825		456	2,281	
Tutor Rooms														
Tutor Room (6-8)	1	10	16		160	6	960	25%	240	1,200	20%	240	1,440	
SM. Tutor Room (3-4)	1	10	10		100	10	1,000	25%	250	1,250	20%	250	1,500	
Lab - Quiet Study	1	15	20		300	1	300	25%	75	375	20%	75	450	
Library / Resource Room	1	10	15		150	0	0	25%	0	0	20%	0	0	
							2,260		565	2,825		565	3,390	
Computer Labs														
Computer Lab	40	3	5		600	1	600	25%	150	750	25%	188	938	
							600		150	750		188	938	
Student Development														
Receptionist	1	10	15		150	0	0	15%	0	0	20%	0	0	
Assistant Director	1	10	12		120	0	0	15%	0	0	20%	0	0	
Student Life Coordinator	1	10	12		120	0	0	15%	0	0	20%	0	0	
Career Development	1	10	12		120	0	0	15%	0	0	20%	0	0	
Career Center	1	15	15		225	0	0	15%	0	0	20%	0	0	
GA Storage, Office	1	8	10		80	0	0	15%	0	0	20%	0	0	
Communication Center	1	15	15		225	0	0	15%	0	0	20%	0	0	
Conference Room	1	10	20		200	0	0	15%	0	0	20%	0	0	
Cubbies / Coat Area	1	8	10		80	0	0	15%	0	0	20%	0	0	
							0		0	0		0	0	
Staff Offices														
Director's Office	1	10	15		150	1	150	20%	30	180	20%	36	216	
Offices	1	10	12		120	5	600	20%	120	720	20%	144	864	
Psychologist Office (Wellness)	1	10	12		120	0	0	20%	0	0	20%	0	0	
Nutritionist	1	10	12		120	0	0	20%	0	0	20%	0	0	
Graduate Assts.	1	6	8		48	4	192	20%	38	230	20%	46	276	
Copy Room	1	10	10		100	1	100	20%	20	120	20%	24	144	
Conference	1	14	20		280	1	280	20%	56	336	20%	67	403	
Staff Break Room	1	10	15		150	0	0	20%	0	0	20%	0	0	
Open IT Office	1	10	12		120	1	120	20%	24	144	20%	29	173	
Secure Laptop Storage	20	2	2		80	1	80	20%	16	96	20%	19	115	
Storage	1	10	10		100	1	100	20%	20	120	20%	24	144	
							1,622		324	1,946		389	2,336	
ACADEMIC CENTER														
							TOT. NSF>		5,942	TOT. DSF>		7,346	TOT. GSF>	8,944
FULL FACILITY														
							TOT. NSF>		49,657	TOT. DSF>		56,854	TOT. GSF>	68,353

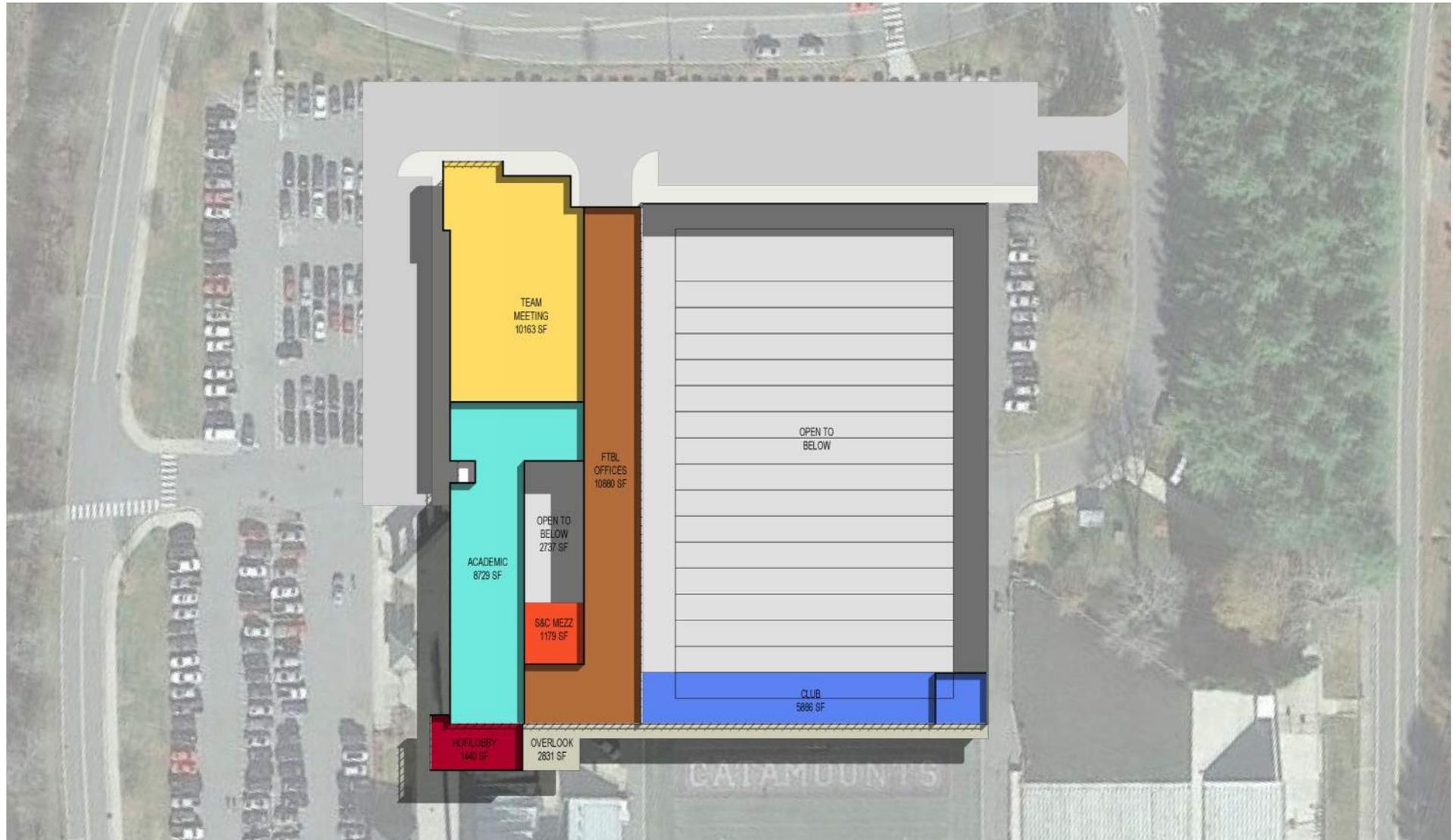
Football Team Facility - Upper Level Conceptual Plan - Option 1



Football Team Facility - Lower Level Conceptual Plan - Option 2



Football Team Facility - Upper Level Conceptual Plan - Option 2



Football Team Facility - Conceptual Renderings



RELATIONSHIP TO CAMPUS

The preliminary conceptual renderings explore ways to blend the new facility into the campus context. Understanding the current campus architecture and tying this facility into the surrounding context is an important component of ensuring the mass of this building does not overpower the surrounding building scale.

The 2-story team facility was designed to be an architectural extension of Whitmire Stadium's west facade along Catamount Road, while helping hide the mass of the indoor practice facility behind it. A similar architectural solution was executed across the street at the Bardo Arts Center to minimize the theater portion of the building.

Continuing a similar 2-story vernacular and utilizing a hip roof along the north facade of the indoor practice facility, the scale is drastically reduced providing a similar proportion to campus buildings.



Entrance to Football Team Facility



RELATIONSHIP TO STADIUM

The design intent on the field side of Whitmire Stadium is to enclose the north end zone and give the new indoor practice facility a prominent and intentional appearance. The alignment of the indoor practice field and the competition field emphasizes the axial connection and continuation of the fields from the outside to inside. The conceptual renderings depicts a glass portal as the main design element that ties the two facilities together, nonetheless a similar feature, like a scoreboard, could accomplish the same effect.

The facade of the indoor practice facility closely borders the end zone and utilizes a gabled roof design to give it a monumental, intimidating feel. The second floor balcony club is both an interior and exterior space that extends along the facade as a seating overlook, similar to the current Paw Porch but with an interior club space to overlook the practice field.







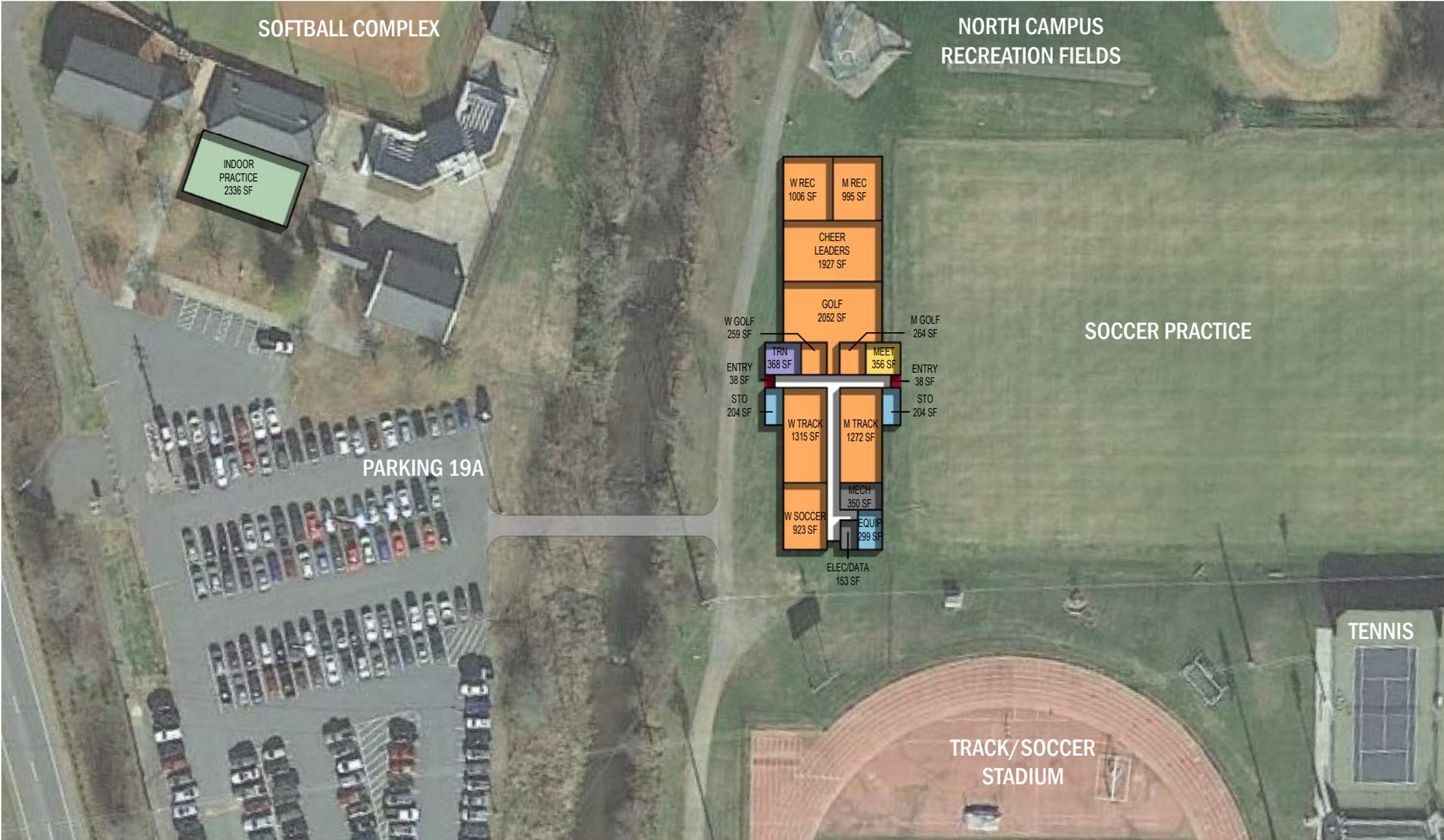
NEW SOCCER, TRACK & FIELD, GOLF AND REC FACILITY

Since there will be no future capital investments made on the Camp Lab Gym, Athletics must provide new locker rooms and office areas for the Soccer, Track & Field, and Golf programs. With Soccer and Track & Field's practice and competition fields located on the north side of campus, the design team programmed a new facility to house their locker rooms adjacent to their venues. In this new facility, space is also allocated for the Golf program for an on-campus practice area for simulators and putting green. The new facility also includes a dedicated practice area for the Cheerleading Squad.

Campus Recreation is currently in the process of mending the drainage issues at the North Campus Recreation fields and will need to build restroom facilities. After looking at multiple locations for the new Soccer, Track & Field, and Golf facility, the ideal location is in the center of North Campus' athletic area, adjacent to the Soccer Stadium, Track & Field Stadium, and the soccer practice field, as well as adjacent to the pedestrian bridge that connects to the softball complex and parking lot 19A.

This location also neighbors the North Campus Recreation Fields to provide additional recreation restroom facilities on the north end of the new facility.

Soccer, Track and Field, and Golf Facility



PROGRAM SOCCER, TRACK, GOLF, CHEER, & REC TEAM FACILITY

Team Facility Total	14,237
Womens Soccer Locker Room	966
Womens Track Locker Room	1,514
Men's Track Locker Room	1,551
Golf	3,186
Cheerleading	2,703
General	2,278
Campus Recreation	2,608

WCU Athletic MP - Program													NEW PROGRAM		
Room Name	Unit			EXT	NSF			DSF			GSF				
	Count	X	Y		Each	Quanti	Total	%	SF	Total	%	SF	Total		
SOCCER TRACK GOLF FACILITY															
Women Soccer Locker Room															
Locker Area	30	1.5	8		360	1	360	15%	54	414	20%	83	497		
Showers	3	4	8		96	1	96	15%	14	110	20%	22	132		
Toilets	4	3	8		96	1	96	15%	14	110	20%	22	132		
Lavs / Grooming Area	2	3	8		48	1	48	15%	7	55	20%	11	66		
Gathering	1	10	10		100	1	100	15%	15	115	20%	23	138		
					700				90	805		138	966		
Men's Track Locker Room															
Locker Area	50	1.5	8		600	1	600	15%	90	690	20%	138	828		
Showers	5	4	8		160	1	160	15%	24	184	20%	37	221		
Toilets	4	3	8		96	1	96	15%	14	110	20%	22	132		
Lavs / Grooming Area	4	3	8		96	1	96	15%	14	110	20%	22	132		
Urinals	3	3	5		45	1	45	15%	7	52	20%	10	62		
Gathering	1	10	10		100	1	100	15%	15	115	20%	23	138		
					1,097				150	1,262		229	1,514		
Women's Track Locker Room															
Locker Area	50	1.5	8		600	1	600	15%	90	690	20%	138	828		
Showers	5	4	8		160	1	160	15%	24	184	20%	37	221		
Toilets	7	3	8		168	1	168	15%	25	193	20%	39	232		
Lavs / Grooming Area	4	3	8		96	1	96	15%	14	110	20%	22	132		
Gathering	1	10	10		100	1	100	15%	15	115	20%	23	138		
					1,124				154	1,293		236	1,551		
Golf Locker Room															
Locker Area	20	1.5	8		240	1	240	15%	36	276	20%	55	331		
Toilets	4	3	8		96	1	96	15%	14	110	20%	22	132		
Lavs / Grooming Area	2	3	8		48	1	48	15%	7	55	20%	11	66		
Golf Facility	1	35	55		1,925	1	1,925	15%	289	2,214	20%	443	2,657		
					2,309				346	2,655		531	3,186		
Cheerleaders Locker Room															
Locker Area	20	1.5	8		240	1	240	15%	36	276	20%	55	331		
Toilets	4	3	8		96	1	96	15%	14	110	20%	22	132		
Lavs / Grooming Area	2	3	8		48	1	48	15%	7	55	20%	11	66		
Cheerleaders Facility	1	35	45		1,575	1	1,575	15%	236	1,811	20%	362	2,174		
					1,959				294	2,253		451	2,703		
REC Locker Room															
Men's Rec	1	27	35		945	1	945	15%	142	1,087	20%	217	1,304		
Women's Rec	1	27	35		945	1	945	15%	142	1,087	20%	217	1,304		
					1,890				284	2,174		435	2,608		
Shared Functions															
Office or Storage	2	9	11		198	1	198	15%	30	228	20%	46	273		
Meeting Room	1	16	20		320	1	320	15%	48	368	20%	74	442		
Trainer & Sport Medicine	1	12	12		144	5	720	15%	108	828	20%	166	994		
					1,238				186	1,424		285	1,708		
SOCCER TRACK GOLF TOTALS					TOT. NSF>	10,317	TOT. DSF>	11,865	TOT. GSF>	14,237					



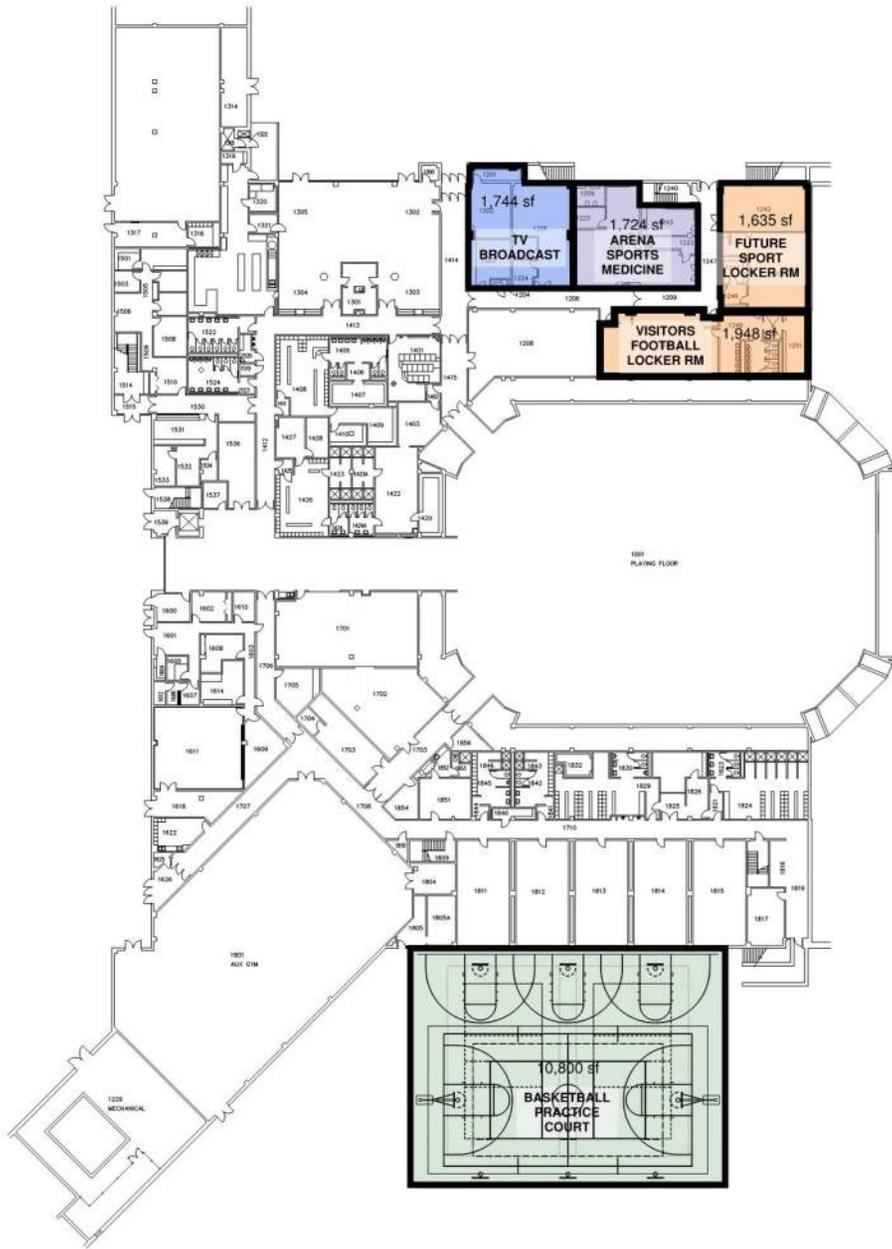


THE RAMSEY CENTER

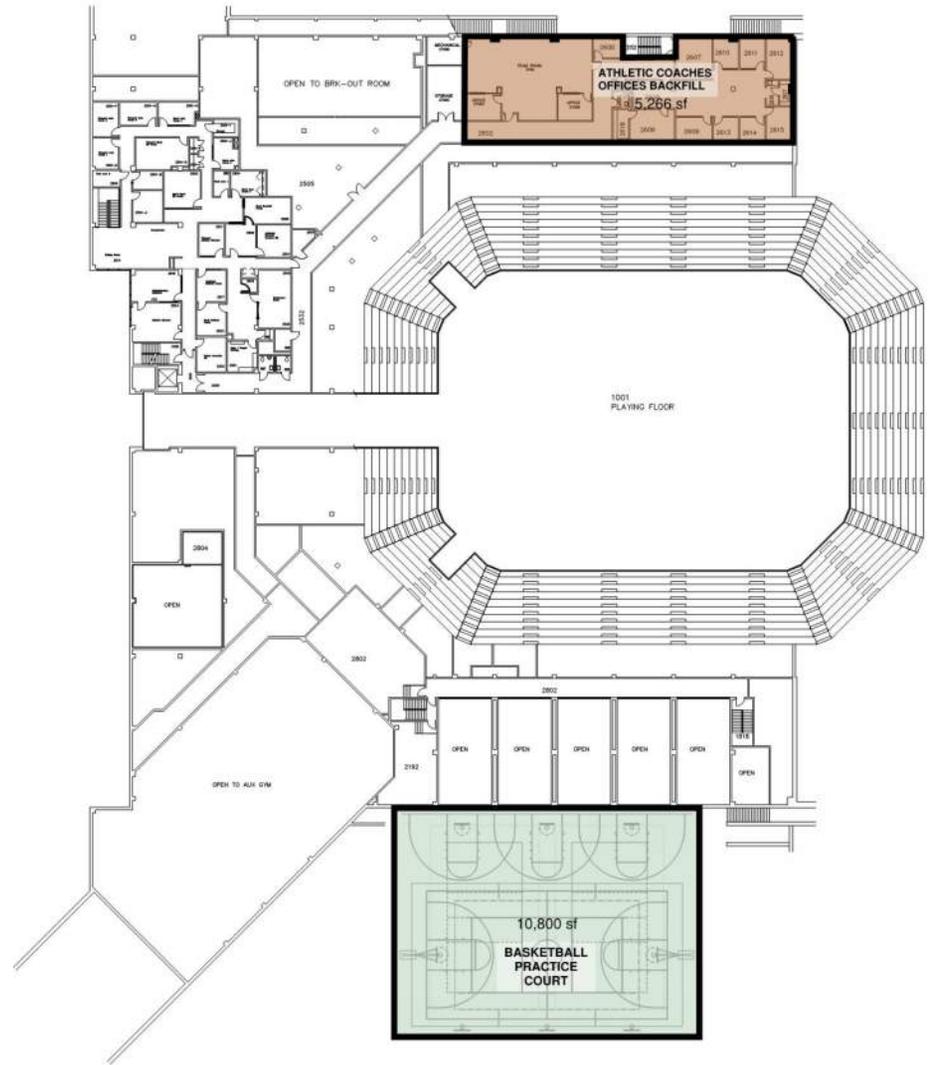
The Ramsey Center is currently in the process of undergoing a facade upgrade and continues to function well for WCU Athletics. The Ramsey Center currently functions as the home of Men's and Women's Basketball, Women's Volleyball, Men's Baseball, and Men's Football and houses the majority of the WCU Athletic Administration and coaches' offices. Once Football and the primary sports medicine space move into their new space at the Football Team Facility, it will free up space for back-fill in the Ramsey Center.

Utilizing the current football office and meeting areas to relocate the coaches currently in the Camp Lab Gym would achieve a centralized office approach that WCU Athletics strives to achieve. A centralized approach allows the coaching staffs to share ideas and experiences between sports, and creates a more unified athletic program.

One of the two current football locker rooms will remain as the visiting locker room and the other locker room could be used for a future sport. With the new shared sports medicine space in the Football Team Facility, a portion of the existing space could be used to expand the Television/Broadcast suite while maintaining a generous satellite sports medicine facility at the Ramsey Center.



Court Level 1



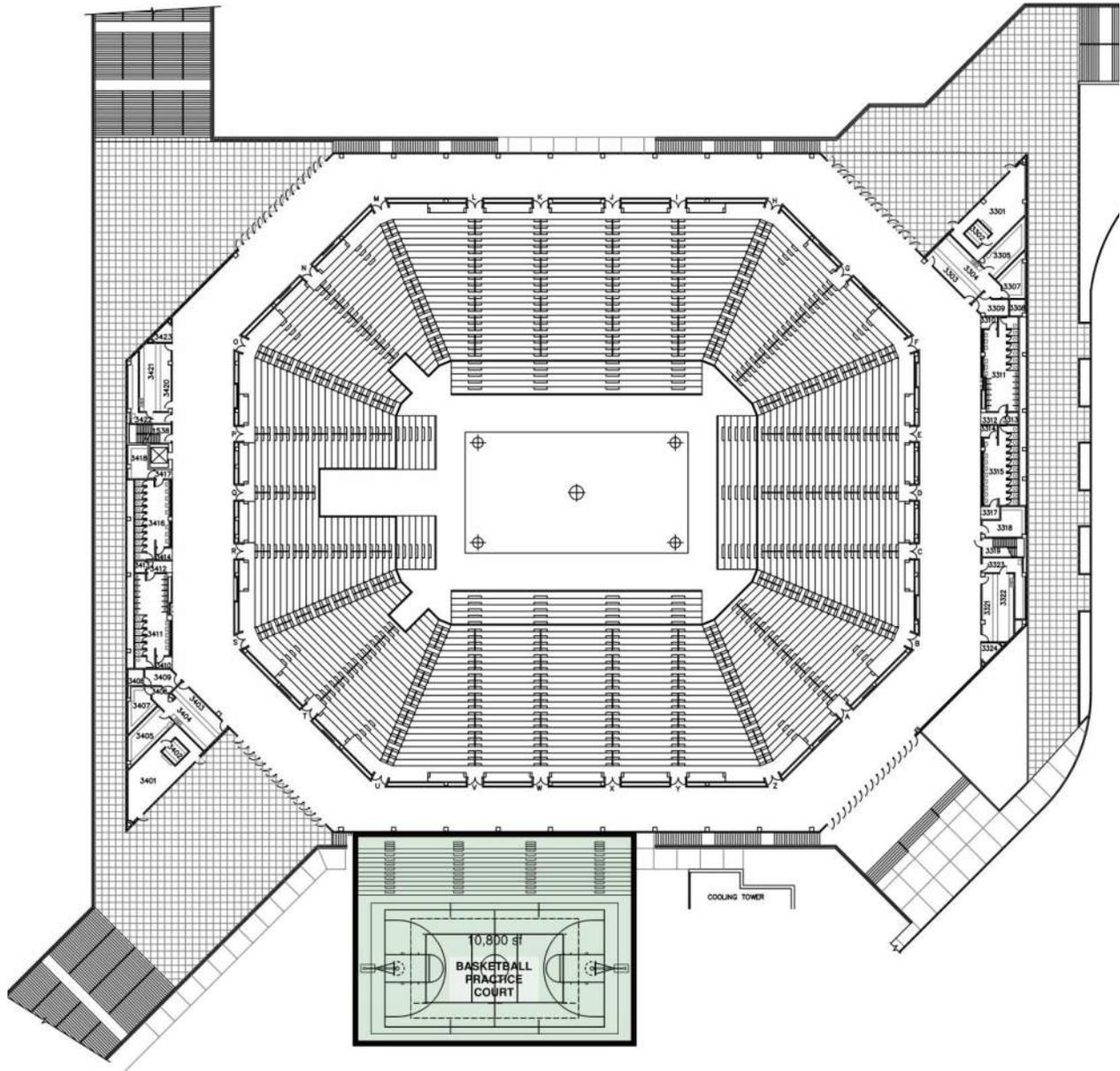
Mid Office Level 2

ADDITIONAL PROJECTS

WCU Athletics suggested two additional projects at the Ramsey Center to benefit the student-athletes and recruiting.

The first project is an additional practice gym on the south side of the Ramsey Center. The current auxiliary gym is shared between three sports and recreation classes, providing scheduling limitations and excessive coordination. The existing space does not meet the NCAA clearance requirements for Volleyball. The new practice gym would meet all facility requirements and have retractable stands for 500-750 people to host Women's Volleyball or Basketball games. The new practice gym would utilize the toilets and concessions in the Ramsey Center.

The second project is to install an indoor track surface on the concourse which would allow for indoor track practice and, depending on NCAA size requirements, could be used for indoor track events.



Concourse Level 3





WHITMIRE STADIUM EXPANSION

E.J. Whitmire Stadium is a thrilling place to watch a football game in the fall. The current 13,000-seat capacity works well for WCU fans, but Athletics believes there is a market for additional upgraded seating offerings. One of the biggest issues with the existing stadium is the current press box and Chancellor's box at the top of the East Grandstand. They do not have ADA access and face directly into the setting sun. A renovation to the existing east tower would upgrade the Chancellor's box and press box and provide ADA access, however, the press area is undersized and additional VIP amenities: clubs, suites, boxes, and loges, are desired along the stadium sideline.

A new press and amenity tower, including a new Chancellor's box, is proposed on the West side of Whitmire Stadium. This would fix the ADA compliance issues, resolve the setting sun angle concern, provide a more balanced seating bowl, and provide additional premium options for fans.

With large buildings in the north and south end zones and mountains to the east, it is essential to study stadium expansion possibilities before building a new tower on the West.

Whitmire Stadium improvements could be phased given available resources. The West press box and club area can be completed independently from seating expansion, which needs further investigation as explained above. There are two options to expand the seating on the East side including demolition and replacement of the existing upper stands and concourse amenities as well as expansion to the existing concrete grandstands.

PRESS BOX / CLUB TOWER

A - LEVEL EXISTING STANDS

Option 1 shows a single story press box and club behind the existing east grandstand.



B - LEVEL EXISTING STANDS

Option 2 shows a two story press box and club behind the existing east grandstand.





C - LEVEL EXPANDED STANDS

Option 3 shows a single story press box and club behind the expanded east grandstand.



D - LEVEL EXPANDED STANDS

Option 4 shows a two story press box and club behind the expanded east grandstand.

SEAT COUNT - OPTION 1

Option 1 shows a minor expansion option adding 3,360 seats on the west side and 1,953 seats around the south end zone. This increases the seat count for the stadium from 12,966 seats to 17,787 seats.

In both expansion options the new press tower aligns over the existing toilets and concessions on the lower level.



SEAT COUNT - OPTION 2

Option 2 expands on Option 1 adding additional corner seats on both sides on the end zone. This configuration also expands the East stands toward the road. This would be a more complicated build out than Option 1, but shows the potential to add another ~10,000 seats for a total count of ~28,000 seats.







HENNON STADIUM PROJECTS

Hennon Stadium is a 1,500-seat baseball stadium on the south end of the WCU Campus. The stadium functions well on game day. WCU Athletics would like to develop a picnic area with view of the field that can be used as overflow for largely attended games. This area could be converted into grandstand seating should the need arise in the future.

One of the biggest issues at the stadium is that it currently does not have a baseball team facility. The baseball locker room is currently 300 yards north at the Ramsey Center. The current cages are covered but the lighting is insufficient to replicate the game experience. The design team proposed a new team facility at the stadium, complete with locker room, meeting room, equipment room, small treatment room, and enclosed batting cages and pitching tunnels.

As a separate project the University is in the process of realigning the road bordering the stadium and building a 1,000-space parking garage in the lot between the Ramsey Center and Hennon Stadium. It is not anticipated to have an effect on the operation of stadium but does change the building scale and appearance in the area.



Baseball Team Facility Options

PROGRAM BASEBALL TEAM FACILITY

Team Facility Total	12,222
Baseball Locker Room	1,641
Equipment	193
Treatment	166
Team Meet	518
General	114
	2,632
Pitching Lab	3,381
Batting Cages	6,210
	9,591

WCU Athletic MP - Program											NEW PROGRAM			
Room Name	Unit			EXT	NSF			DSF			GSF			
	Count	X	Y		Each	Quanti	Total	%	SF	Total	%	SF	Total	
BASEBALL FACILITY														
Baseball Locker Room														
Locker Area	50	1.5	8		600	1	600	15%	90	690	20%	138	828	
Showers	5	4	8		160	1	160	15%	24	184	20%	37	221	
Toilets	4	3	8		96	1	96	15%	14	110	20%	22	132	
Urinals	3	3	5		45	1	45	15%	7	52	20%	10	62	
Lavs / Grooming Area	4	3	8		96	1	96	15%	14	110	20%	22	132	
Gathering	1	12	16		192	1	192	15%	29	221	20%	44	265	
							1,189		150	1,367		229	1,641	
General														
Equipment / Laundry Room	1	10	14		140	1	140	15%	21	161	20%	32	193	
Auxiliary Treat	1	10	12		120	1	120	15%	18	138	20%	28	166	
Entry	1	4	6		24	1	24	115%	28	52	120%	62	114	
Meeting Room	1	15	25		375	1	375	15%	56	431	20%	86	518	
							659		123	782		208	990	
Baseball Fields														
Pitching	1	35	70	X	2,450	1	2,450	15%	368	2,818	20%	564	3,381	
Batting Cages	1	50	90	X	4,500	1	4,500	15%	675	5,175	20%	1,035	6,210	
				X			6,950		1,043	7,993		1,599	9,591	
BASEBALL TOTALS					TOT. NSF> 8,798			TOT. DSF> 10,142			TOT. GSF> 12,222			





SOFTBALL TEAM FACILITY

The Catamount Softball Complex on North Campus functions well. The seating is sufficient and the team facility is attached to the dugout. The proposed project at the Softball Complex is to either enclose the existing practice area or build a new enclosed practice area attached to the team facility.





WESTERN CAROLINA UNIVERSITY ATHLETICS MASTER PLAN

