

UNIVERSITY OF NORTH TEXAS

ATHLETIC FACILITIES MASTER PLAN REPORT



TABLE OF CONTENTS

1	EXECUTIVE SUMMARY	Page 9
2	CAMPUS OBSERVATIONS Existing Locations and Adjacencies Site Analysis	Page 13 14 16
3	MASTER PLANNING Existing Key Athletic Component Locations Short-Term Athletic Master Plan Mid-Term Athletic Master Plan Long-Term Athletic Master Plan	Page 23 24 26 28 30
4	FACILITY CONCEPTS Indoor Practice Facility Athletic Center Coliseum - Basketball, Volleyball, Golf New Arena Soccer, Track & Field Softball Baseball Swim & Dive Tennis Parking	Page 35 39 45 53 60 67 71 77 81 87 91

ACKNOWLEDGMENTS

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MASTER PLAN APPROVALS

UNT ATHLETIC FACILITIES MASTER PLAN

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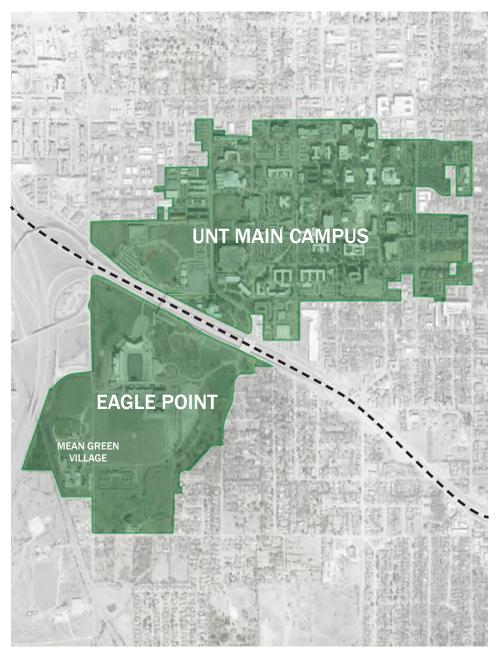


Figure 1.1
The UNT campus straddles I-35E in Denton, Texas. The Mean Green Athletic Village is located at Eagle Point south of I-35E, while the rest of the main campus is located north of I-35E.

EXECUTIVE SUMMARY

The University of North Texas (UNT) is one of the nation's largest universities in the fourth largest metropolitan region in the country. Located in Denton, Texas, a college town of about 115,000 people, the campus is the largest residential campus in the North Texas Region. It is located approximately 35 miles north of both Dallas and Fort Worth with a presence along Interstates I-35E and I-35W, and is comprised of 163 buildings on approximately 900 acres. As of Fall 2016, UNT enrolled nearly 38,000 students.

UNT is a member of the National Collegiate Athletic Association (NCAA) Division-1 and currently competes in Conference USA with aspirations of participating in more prestigious conferences and providing additional sports such as men's baseball in the future. Throughout the years, the North Texas Mean Green athletes have achieved 65 conference championships and 4 national championships. The mission of the North Texas Mean Green athletics program is:

BUILDING CHAMPIONS and PREPARING LEADERS through the pursuit of perfection in academics, athletics, and life.

Currently, UNT services and provides athletic opportunities to approximately 350 student- athletes across 16 NCAA Division-1 sports programs:

MENS SPORTS	WOMENS SPORTS		
Basketball	Basketball	Swim & Dive	
Cross Country	Cross Country	Tennis	
Football	Golf	Track & Field	
Golf	Soccer	Volleyball	
Track & Field	Softball		

In October of 2016, the University of North Texas System (UNTS) initiated the process to develop an Athletic Facilities Master Plan that would provide a proactive 20-year plan for future athletics facilities development. Heery International was selected as the planning consultant to lead this effort. A Steering Committee that was composed of individuals from the UNT System, UNT Administration, and UNT Athletics provided the vision and guidance to the process while a Resource Committee provided additional relevant details and information as necessary to complete the planning process.

MASTER PLAN VISION AND GOALS

The vision of the Athletics Facilities Master Plan as outlined by the Steering Committee was to:

- Create a realistic, actionable plan that integrates athletics into the physical campus through coordination with the 2013 Campus Master Plan Update, as well as current campus improvements.
- Emphasize the importance of the I-35 corridor and its proximity to the athletics precinct as an opportunity to advertise and enhance the University of North Texas brand.
- Provide the facilities to accommodate hosting Conference and NCAA championships as an additional means
 of promoting UNT nationally.
- Change the philosophy of students, fans and the community from that of "good enough" to that of striving for athletics excellence.

UNT Athletics envisions an athletics precinct that creates an opportunity for individual sports, and their corresponding facilities, to interact with one another in order to capitalize on proximity logistics and provide efficiencies for the athletes to maximize their time both in practice and the classroom.

As a result of this vision the following goals for the Athletic Master Plan were established:

- To create a proactive 20-year road map for athletic facilities improvements and modernizations
- To establish a plan that is realistic, flexible and achievable
- To consolidate the current athletic facilities to a single precinct
- To accommodate considerations for an athletic conference realignment and resulting opportunities
- To enhance the public image that reflects the University's brand
- To design a plan for individual facilities to accommodate strategic growth, while benchmarking against similar Conference and University standards

MASTER PLANNING PROCESS

The master planning processes kicked off with an on-site, multi-day interactive work session with the HEERY team, Steering, and Resource 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 and resource committees and benchmarked against comparable facilities both in and out of conference to develop right-sized programs and detailed plans for modernization. The design team had bi-monthly meetings, both in-person and webbased, with UNT and/or UNTS to develop the Athletic Master Plan that is further detailed on the following pages.

EXISTING CONDITIONS

UNT Athletics currently has a presence in 20 different geographically dispersed facilities on the western side of the UNT campus. The facilities range in age from Fouts Field constructed in 1952 and the Coliseum ("Super Pit") constructed in 1973 to newer facilities such as Apogee Stadium which opened in 2011. UNT Athletics also utilizes many of the facilities located in the area of campus known as Mean Green Village (Figure 1.1). These facilities were acquired in 2005 with the acquisition of property that was previously developed as an elementary and high school. Subsequently, these facilities were renovated for use by multiple UNT departments including athletics.

PROGRAM AND FACILITY NEEDS

Conceptual programs were developed for each sport and administrative area of the athletic department and provided the preliminary framework for comparing the existing facilities to current trends in collegiate athletic facilities. In general, the common theme throughout the programmatic study indicated that the majority of athletic player and team development facilities are significantly undersized. As a result, it was determined that the master plan provide short, mid, and long-term solutions to address the deficiencies raised during the resource committee interviews and steering committee meetings.

Before new facilities were recommended, renovation and expansion scenarios were investigated and balanced against the long-term athletic master planning vision and goals. Inherent challenges in renovations were identified, from existing structural and technology systems to usable facility square footage area to the long-term plan of the individual sports. New facilities proposed in this Athletic Facilities Master Plan include an indoor practice facility, arena, baseball stadium, indoor tennis facility, softball stadium, soccer practice fields, and natatorium. The facilities proposed for renovations include the Athletic Center, and Ernie Kuehne Practice Facility.

ATHLETIC FACILITIES MASTER PLAN

To achieve the goal of consolidation of the athletic facilities, the Athletic Facilities Master Plan is primarily focused on the development of a 200-acre site south of I-35E, known as the Eagle Point Campus (Figure 1.1) and Mean Green Village. The Master Plan locates all current and future anticipated sports to the Eagle Point campus, creating a cohesive Mean Green Sports Precinct, which is beneficial to enhance time in a student-athlete's day, create a centralized recruiting path, establish a stronger brand for UNT Athletics, and maximize efficiencies through economies of scale for parking, maintenance, shared-use facilities and overall logistics.

Existing facility observations were gathered and assessed. As previously noted, the majority of the existing facilities were regarded as inadequate based on similar benchmarked facilities, as well as general space needs for individual sports. The master plan was prioritized into phases reflecting short, mid and long-term goals, while also understanding the practical resources and timing factors involved.

The short-term phase develops a new central athletic hub on Eagle Point by:

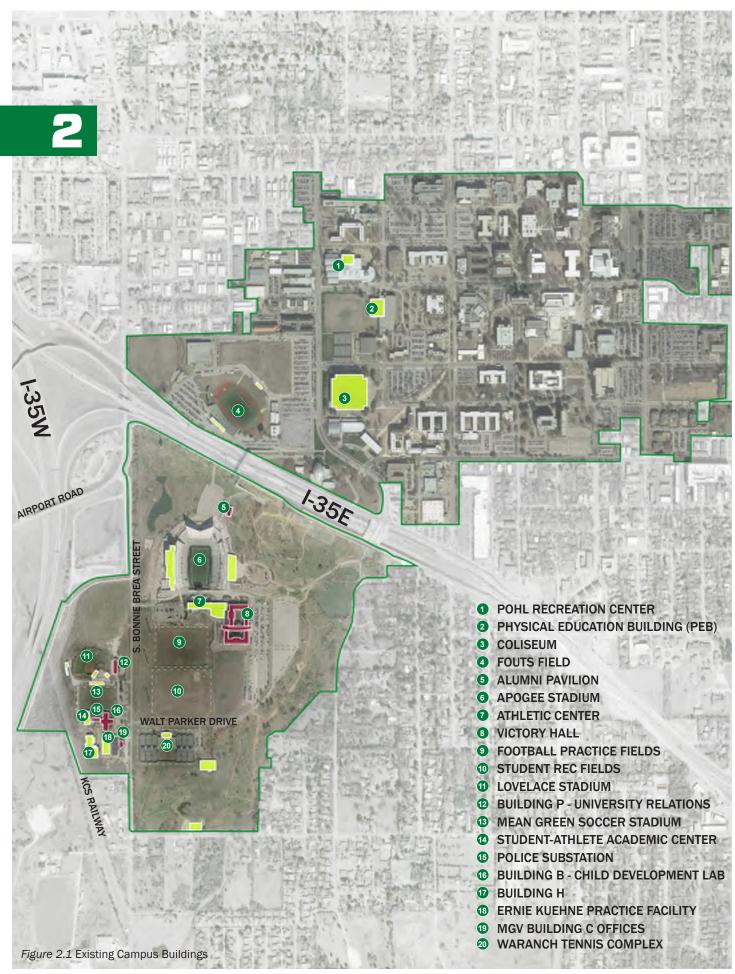
- Recognizing the current Track & Field and Soccer project that is currently in construction
- Constructing a new Indoor Practice Facility to accommodate several existing teams to offer a safe environment for practices during inclement weather while also remain competitive with similar Athletics programs
- Expanding the Football Operations Center in the existing Athletic Center that has a direct connection to practice fields, as well as necessary space allocations for football player and team development facilities.
- Relocating the football scoreboards in Apogee Stadium to establish a stronger presence in the south end zone and allow for visual connection to the Athletics Center.

The mid-term phase further develops the central athletic hub on Eagle Point by:

- Developing the first phase of a new Tailgate Park to enhance the game day experience and provide a new opportunity for revenue-generation.
- Developing a central pedestrian path to establish a walkable corridor through Eagle Point, while providing a direct connection back to the rest of main campus.
- Constructing a new 6,000-seat arena within the Mean Green Sports Precinct at Eagle Point. After careful consideration of repurposing the existing arena, the master planning team proposes a new facility to accommodate an asset mainly dedicated to Men's and Women's Basketball, Volleyball, and Golf.
- Constructing a new baseball stadium as UNT considers adding Baseball as its next NCAA sport.

The long-term phase completes the Mean Green Sports Precinct, centralized at Eagles Point by:

- Relocating and reorienting the softball stadium and soccer practice fields to the eastside of Bonnie Brae Street for optimal sun angles during practice and competition events, while placing the facilities closer to their individual team facilities for ideal adjacencies.
- Complete Tailgate Park, while also extending the central pedestrian path to service the new athletics facilities and to provide a direct connection back to the main campus.
- Constructing a new indoor tennis facility to remain competitive with in-state recruiting.
- Constructing a dedicated Swim & Dive Natatorium with additional lanes and training areas to eliminate scheduling coordination issues that currently occur with the shared use of the Pohl Recreational Center.



CAMPUS OBSERVATIONS

UNT currently competes in Conference USA fielding the following sports: Football, Cross Country, Track & Field, Softball, Mens & Womens Basketball & Golf, Womens Soccer, Swimming & Diving, Tennis, & Volleyball. All athletics facilities are located west of the heart of campus. Most facilities are located south of I-35E at Eagle Point, while Swimming & Diving and Men's and Women's Basketball are north of I-35E. Swimming & Diving share facilities on campus at the Pohl Student Recreation Center (1) and the Physical Education Building (2). Men's and Women's Basketball are based in UNT's Coliseum (3). Last year, Fouts Field (4) was the home of Track & Field and Cross Country but the New Soccer and Track Stadium, with anticipated completion in 2018, will replace this venue.

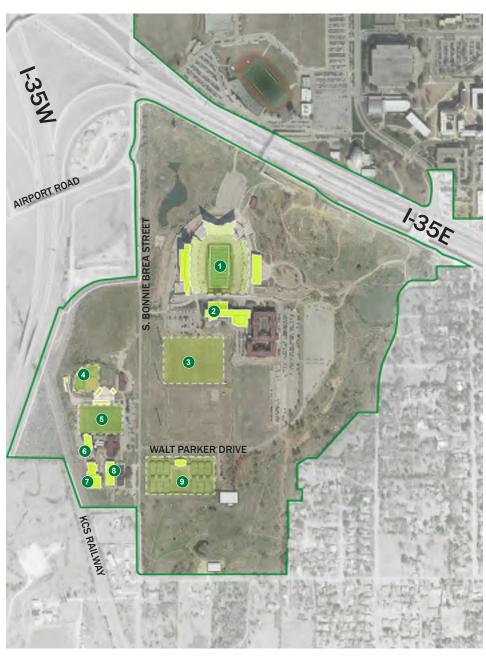
The remaining athletic facilities are located south of I-35E at the Eagle Point campus. The land east of Bonnie Brae Street was originally Eagle Point Golf Course, while the land and facilities west of Bonnie Brae Street were acquired in 2005 from Liberty Christian School. Bonnie Brae Street is currently undergoing improvements that include sidewalks and widening to four lanes.

Football facilities include Apogee Stadium (6), the Athletic Center (7) and the Football Practice Fields (9). The Athletic Center also houses athletics administration, strength & conditioning, sports medicine, and the Champs Dining Facility. Softball, soccer, volleyball golf and tennis are based in the Mean Green Village at Lovelace Softball Stadium (11), Mean Green Soccer Stadium (13), Building H - Olympic Sport Complex (17), The Ernie Kuehne Practice Facility (18), and Waranch Tennis Complex (20). The Student-Athlete Academic Center (14) is also located in the Mean Green Village. These existing Athletic facilities are largely out of date and in need of more space to compete with Conference USA and other benchmarking peers. Further, the spread of the Athletic Facilities across I-35 and Bonnie Brae Street complicates logistics for student-athletes, coaches, and athletic administration.

There are also non-athletic buildings at the Eagle Point campus. The Alumni Pavilion (5) which is only used on football game days and is the home of the UNT Alumni Association, the dining hall portion of the Athletic Center, and studentathlete housing at Victory Residence Hall (8), are closely associated with athletic uses but are operated by the University. Building P (12) and the MGV Building C (19) are University administration offices located in the Mean Green Village. These offices are located here as a result of a space deficiency within the existing administration building. The Police Substation (15) is no longer in use and planned for demolition. The Building B - Child Development Lab (16), was recently renovated, but would require further analysis to determine its longevity in its current location. The Eagle Point Student Recreation Fields (10) are located in the center of the Eagle Point Site, and are the only non-athletic uses that would require relocation for proposed Master Plan projects. It was discussed among the steering committee that there was a push to consolidate student recreation fields from around campus to a single location near campus. The future relocation of the Eagle Point student rec fields allows for future Athletic uses to be considered for their current site.

Through discussions with the Steering Committee, several assumptions or suggested land uses outlined in the 2013 Master Plan Update would be adjusted to accommodate future athletic facility requirements. The second residence hall planned south of Victory Hall in the 2013 Master Plan Update will not be built at this location. In the short-term, parking lot expansion will occur south of Victory Hall. Also the Hotel & Convention Center sited northeast of Apogee Stadium that was included in the 2013 Master Plan Update was built on property not owned by UNT.

EXISTING ATHLETIC USES

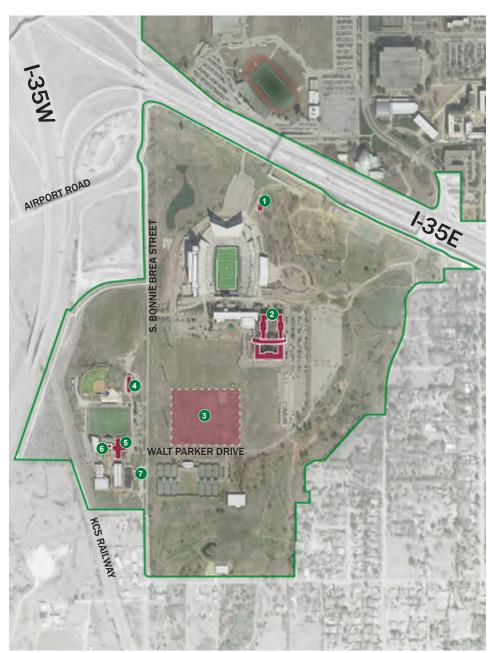


- APOGEE STADIUM
- ATHLETIC CENTER
- FOOTBALL PRACTICE FIELDS
- LOVELACE STADIUM
- MEAN GREEN SOCCER STADIUM
- STUDENT-ATHLETE ACADEMIC CENTER
- BUILDING H
- ERNIE KUEHNE PRACTICE FACILITY
- **9 WARANCH TENNIS COMPLEX**

Figure 2.2
The areas marked with green dots illustrate the current athletic facilities at the Eagle Point campus. The solid green blocks represent buildings while the green dashed outlines indicate outdoor facilities.

EXISTING NON-ATHLETIC USES

Figure 2.3 The areas highlighted in red depict the current non-athletic facilities at the Eagle Point campus. The solid red blocks represent buildings while the red dashed outlines indicate the recreation



- ALUMNI PAVILION
- 2 VICTORY HALL
- **3** STUDENT REC FIELDS
- **4** BUILDING P UNIVERSITY RELATIONS
- **5** POLICE SUBSTATION
- **6** BLDG B CHILD DEVELOPMENT LAB
- **MGV BUILDING C OFFICES**

SITE ANALYSIS

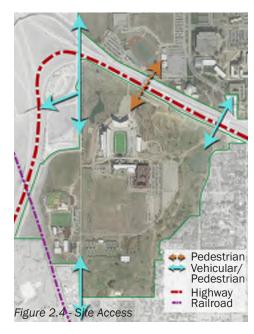
The Eagle Point campus is located just inside the junction of I-35E and I-35W. I-35W and the KCS (Kansas City Southern) railway form a firm site boundary to the west, while I-35E forms the boundary to the north. I-35E is crossed by two vehicular and one pedestrian access path that links Eagle Point to the Main Campus.

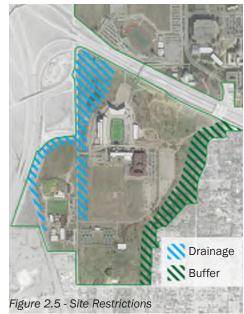
The new North Texas Boulevard bridge over I-35E provides vehicular access to the north east corner of Eagle Point and eastern parking lots, but requires navigating a parking lot to connect to Walt Parker Drive and the Mean Green Village. The other primary vehicular access path is via Bonnie Brae Street. Bonnie Brae is the western edge of the Main Campus. It continues south under I-35E as the primary vehicular access to the Mean Green Athletic Facilities at Eagle Point, ultimately continuing further south to US-377 Fort Worth Drive. The City of Denton is currently in Phase 1 of widening of Bonnie Brae Street, with improvements to the intersections at Walt Parker Drive and Airport Rd. Currently the bus routes from Main Campus to Eagle Point utilize Bonnie Brae to travel to the central bus drop off at the circle near Victory Hall.

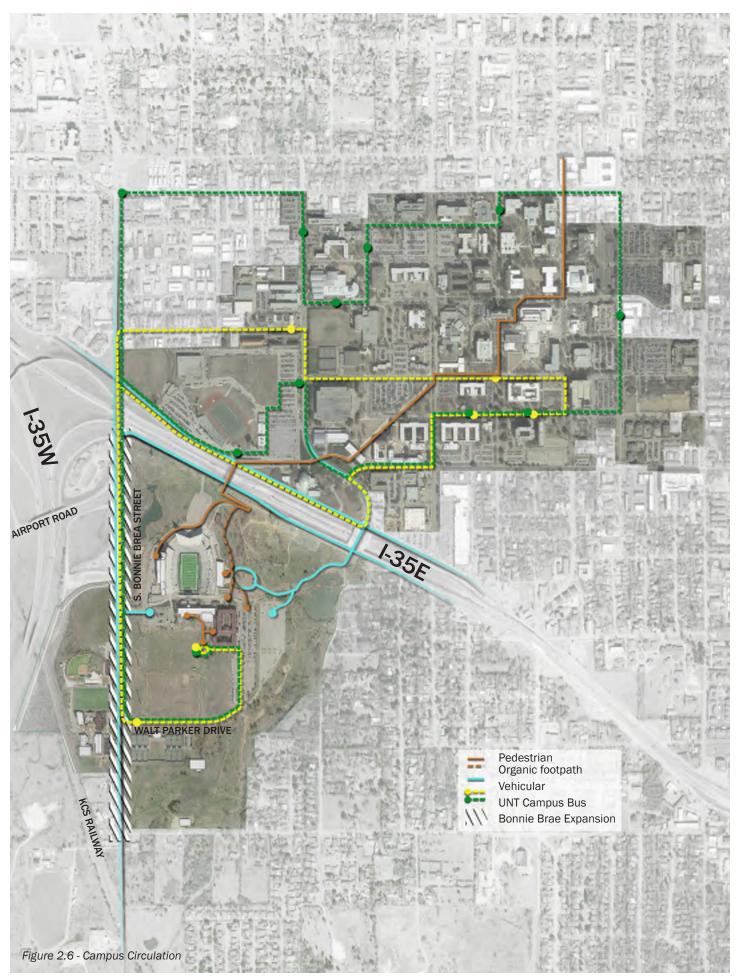
The diagram to the right (Figure 2.5), illustrates the two areas of the site that have building restrictions. The area hatched in blue is a water detention zone, off limits to building, while the area hatched in green accommodates a buffer to the adjacent neighborhood.

Much attention of both the 2005 and 2013 Campus Master Plans focused on campus connectivity. One of the primary connections proposed was a new central pedestrian path through the heart of campus. As part of this path, and in an effort to connect Eagle Point to the main campus, a dedicated pedestrian bridge was built in 2012 across I-35E connecting Main Campus to Apogee Stadium. The built path ends at the north end of the Football stadium, but an organic footpath has formed along the simplest circulation route between the pedestrian bridge and Victory Hall. The other established pedestrian path on the Eagle Point campus links the bus drop, Victory Hall, and the Athletic Center.

This Athletic Facilities Master Plan provides for the extension of these connections beyond those formally established in the Campus Master Plan. This path is planned to be extended in to the heart of the Mean Green Athletic Precinct to create a walkable district. Focusing the proposed facilities along this pedestrian corridor links the venues to each other as well as to the main campus. The recommendations for the specific elements and dimension of the pedestrian path from the 2013 Master Plan should be followed and will vary depending on location.







One of the goals of the Athletics Facilities Master Plan was to create public image that reflects the University brand. Located at the junction of two major interstates, the site is highly visible to a large number of travelers. This prominence allows the site itself to function as a recruiting tool for Mean Green Athletics and the University as a whole.

The views below are of Eagle Point from the interstates. The marquee venue, Apogee Football Stadium, stands out as a focal point along I-35W. Additional venues will continue to add to the public visibility. A new marquee that takes advantage of the existing topography next to I-35E has the potential to create a similar statement along I-35E. This site also takes advantage of adjacent parking lots that serve Apogee Stadium, as well as the foot bridge over I-35 that provides a pedestrian link to the rest of campus.

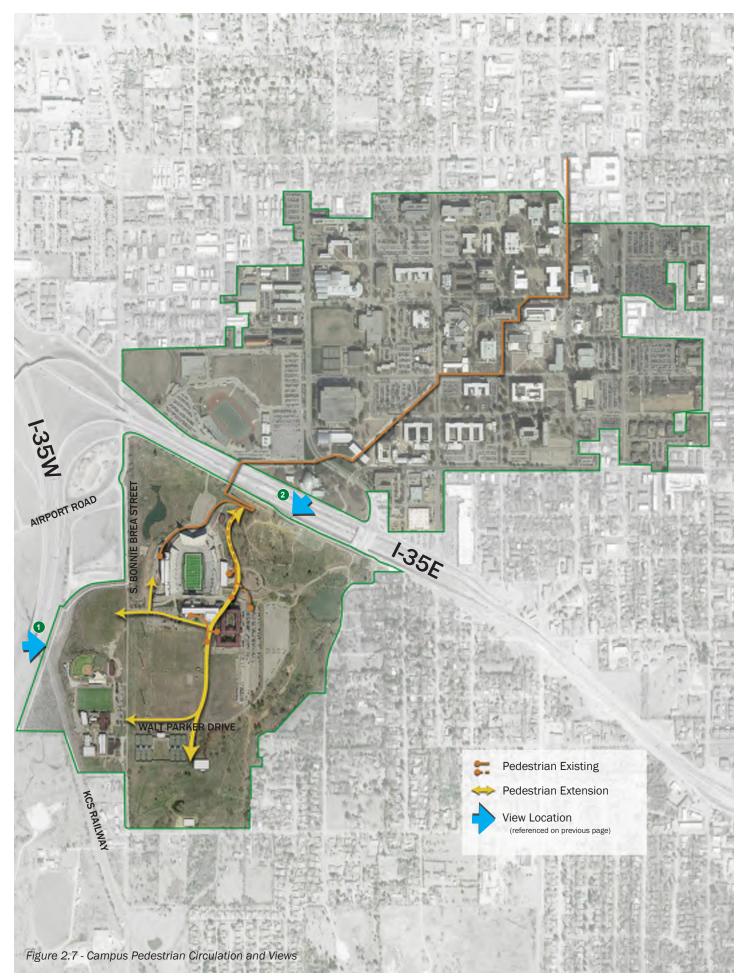
Building on the campus connectivity concepts developed in previous Master Plans, the diagram on the opposite page proposes continuing the central pedestrian path that runs through the heart of the main campus into the heart of the Mean Green Athletic Precinct. Focusing the facilities along this pedestrian corridor creates a walkable district, linking the venues to each other as well as to the Main Campus.



1 View from I-35W towards Eagle Point



View from I-35E approaching gateway connector pedestrian bridge



EAGLE POINT UTILITY MAP



Figure 2.8 - Existing utility map of Eagle Point

The adjacent map shows the site utilities located at the Eagle Point site. These utilities include electric power, data / communication, natural gas, sanitary sewer, storm drainage, water, and fire protection.

Utility service locations and connections will have to be studied in depth for each project during the design phase to take in to consideration building proximity to available utility lines, efficiency of building systems, availability and cost from service providers, storm drainage requirements and options, water pressure and fire suppression requirements, etc.

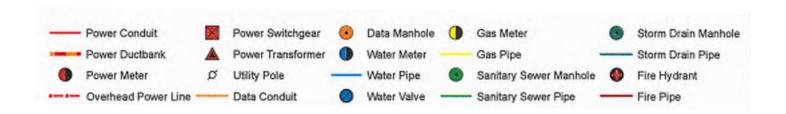




Figure 3.0 - 2013 Master Plan Image from the 2013 Master Plan Study establishes a pedestrian corridor through campus to connect Eagle Point.

MASTER PLANNING

Specific current constraints and needs by each sport are addressed in detail in the following "Facilities" section of the report. Some of those needs include a dedicated Training Table and expanded Academic Center for all sports, Improved Strength & Conditioning for Olympic Sports, Indoor Practice Facility & improved Locker Room for Football, Right-sized modern Arena for Basketball, Modern facility for Track & Field, and Dedicated locker room & improved facilities for Swim / Dive.

The Master Planning section addresses these needs with new proposed facilities, broken in to three phases:

SHORT-TERM MASTER PLAN immediate priorities

MID-TERM MASTER PLAN secondary priorities

LONG-TERM MASTER PLAN desired upgrades and enhancements based on future resources

This provides a 20-year road map for Athletics. With direction from the Steering Committee, the master planning team developed a proactive guide with consensus among all parties indicating a plan that meets the goals while being realistic, flexible, and achievable.

While realistic, the Athletic Master Plan by no means is intended to be limiting as it relates to future needs or resource availability. This document provides an attainable approach to achieve higher aspirations, expanding on the "2013 Campus Master Plan Update," taking a more in depth look into the future redistribution and expansion of athletic facilities throughout the Eagle Point campus.

The proposed phases provide a suggested sequence to the overall completion of the Master Plan. The Master Plan is designed to be adaptable, able to accommodate the needs and objectives of UNT Athletics as you grow and evolve. The overall direction of the Master Plan is to promote a cohesive sports precinct, enhancing both student-athlete and fan experience.

EXISTING VERSUS PROPOSED PROGRAM

Program	Existing (SF)	New Program (SF)	Program Delta (SF)
Football Team Ops	29,071	57,819	28,748
Athletic Administration	8,682	14,994	6,312
Shared Olympic Team Support	0	11,762	11,762
Academic Center	6,586	14,626	8,040
Athletic Center General	1,563	8,482	6,919
Basketball Ops	5,774	11,933	6,159
Volleyball Ops	1,279	4,732	3,453
Golf	1,811	3,643	1,832
Arena Support	1,874	10,523	8,649
Soccer Ops	1,352	4,387	3,035
Softball Ops	2,416	4,131	1,715
Baseball Ops	0	4,255	4,255
Swin Dive Ops	898	3,919	3,021
Tennis Ops	2,204	2,231	27

EXISTING KEY ATHLETIC COMPONENT LOCATIONS

The existing site plan (Figure 3.1) and the existing facility location chart (below) reflect the understood existing conditions at Eagle Point. As shown in the chart below, most sports are dispersed across a variety of buildings.

For instance, the softball locker rooms, coaches offices, and stadium are in three different facilities. Having a sport in a single facility is ideal for recruiting and operations. The NCAA requires student-athletes to limit their time of competition and practice per week. By consolidating program related to a specific sport to one or two buildings within close proximity to one another, student athletes can maximize their practice time.

The existing site plan of Eagle Point (Figure 3.1) illustrates that the current facilities are grouped in clusters around the edge of the site, with a large central open practice and recreation fields. The clusters of buildings are a product of their previous uses, as opposed to a cohesive planned athletic precinct. The large open field in the heart of the site creates a void in connectivity.

PROGRAM	LOCKER ROOM	COACHES OFFICES	PRACTICE	COMPETITION
FOOTBALL	Athletic Center	Athletic Center	Outdoor Practice Fields	Apogee Stadium
BASKETBALL M/W	Existing Coliseum	Existing Coliseum	Existing Coliseum / Ernie K.	Existing Coliseum
VOLLEYBALL	Building H	Building H	Building H	Building H
GOLF	Off campus	Building H	Ernie Kuehne Practice Facility	Off campus
BASEBALL	N/A	N/A	N/A	N/A
SOFTBALL	Building H	Ernie Kuehne Practice Facility	Lovelace Stadium / Kuehne	Lovelace Stadium
TENNIS	Waranch Tennis Complex	Waranch Tennis Complex	Outdoor courts	Outdoor courts
SOCCER	Building H	Building H	MG Soccer Stadium	MG Soccer Stad
TRACK & FIELD	Fouts	Fouts	Fouts	Fouts
SWIM / DIVE	Pohl Rec Center	Building H	Pohl Rec Center / PEB	Off campus

The chart above explains the location of each component per sport for the associated phase. **Green text** identifies the final destination of its associated component while **bold** highlights changes from the previous phase.



SHORT-TERM MASTER PLAN

The Short-Term Athletic Facilities Master Plan develops a new central athletic hub centrally located on the Eagle Point campus. This phase includes a new Indoor Practice Facility, expansion of the existing Athletic Center, new corner video boards at Apogee Stadium, and a new Track and Field and Soccer Stadium.

The Indoor Practice Facility (IPF) is the identified primary critical need for recruiting and player development, as local Texas high schools and other Conference USA programs have dedicated indoor practice facilities. While primarily a football facility, it offers all sports the opportunity for respite from inclement weather and is an asset to the all of UNT athletic teams. The facility is sited on what is currently the Easternmost football practice field. The remaining outdoor fields will be replaced, including sub-drainage, in the short-term phase. This will be done as funds become available, as their replacement is not included in the planned Indoor Practice facility scope of work.

The athletic center is expanded to meet football operations additional space needs and also consolidates the academic center and selected coaches offices to one building. It was decided to keep football operations in the athletic center due to its ideal location between the competition and practice fields, as well as it's adjacency to Victory Residence and Dining Halls. The expansion also includes a relocated Academic Center, and an expanded sports medicine and hydrotherapy center. A new Olympic Weight room, is included, separate from the football weight room, that will ease scheduling conflicts, and allow for a better focus on the needs of the non-football student athletes. This consolidation allows for more interaction between coaches, players, and administration, while also saving time in transit between facilities. Relocating the Apogee Stadium video boards to the corners will give the expanded Athletic Center a stronger presence in the south end zone and allow for unobstructed views into the stadium.

PROGRAM	LOCKER ROOM	COACHES OFFICES	PRACTICE	COMPETITION
FOOTBALL	Expanded Athletic Center	Expanded Athletic Center	New indoor practice (IPF)	Apogee Stadium
BASKETBALL M/W	Existing Coliseum	Existing Coliseum	Existing Coliseum	Existing Coliseum
VOLLEYBALL	Building H	Building H	Building H	Building H
GOLF	Off campus	Building H	Ernie Kuehne Practice Facility	Off campus
BASEBALL	N/A	N/A	N/A	N/A
SOFTBALL	Building H	Ernie Kuehne Practice Facility	Lovelace Stadium / Kuehne	Lovelace Stadium
TENNIS	Waranch Tennis Complex	Waranch Tennis Complex	Outdoor courts	Outdoor courts
SOCCER	New stadium	New stadium	MG Soccer Stadium	New stadium
TRACK & FIELD	New stadium	New stadium	New stadium	New stadium
SWIM / DIVE	Pohl Rec Center	Building H	Pohl Rec Center / PEB	Off campus

The chart above explains the location of each component per sport for the associated phase. Green text identifies the final destination of its associated component while **bold** highlights changes from the previous phase. *Priorities could be re-organized based on available resources



MID-TERM MASTER PLAN

The Mid-Term Athletic Facilities Master Plan proposes phase 1 of tailgate parking, the development of a new arena, and a new baseball stadium with supporting indoor facility.

After careful evaluation, the steering committee decided to propose a new 6,000 seat arena within the Mean Green Sports Precinct, as opposed to renovating and right-sizing the UNT Coliseum. Adding the amenities that are desired for a basketball arena, and providing code-compliant wheelchair seating would have greatly reduced the capacity of the existing Coliseum, but a 10,000 seat facility is still desired for campus for graduation and other events. The proposed New Arena also includes team locker rooms, coaches offices, and practice facilities for Men's and Women's Basketball, Volleyball, and Golf. The arena site was chosen for its proximity and visibility along I-35, as well as it's adjacency to parking lots, and the pedestrian bridge

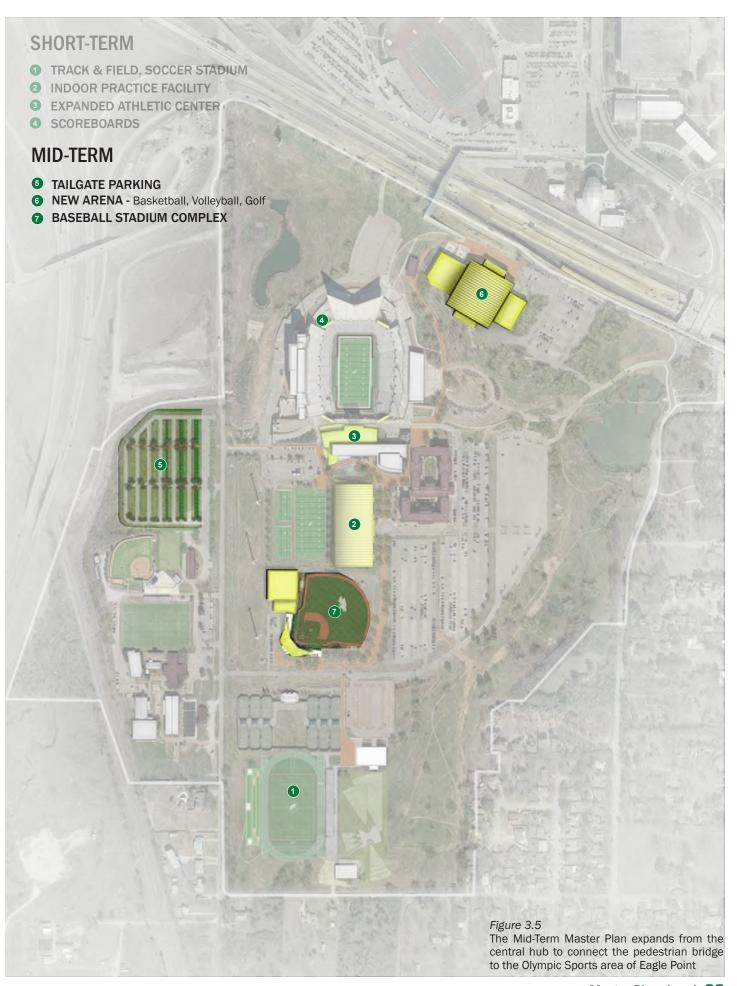
UNT is considering adding Baseball as its next NCAA sport. A new Baseball Stadium and team facility is proposed to be built in the Mid-Term phase of the Athletic Master Plan. The proposed location is south of the Short-Term planned Indoor Practice Facility in order to locate along the pedestrian path, and take advantage of adjacent parking lots.

The proposed locations for the New Arena and Baseball Stadium expand out from the Athletic Center central hub, aligning the majority of the athletic venues with the pedestrian bridge. This allows the central pedestrian corridor to continue through Eagle Point, creating a walkable path between venues and back to the Main Campus.

The first phase of the new Tailgate Park is included in the Mid-Term Master Plan. This area enhances the game day experience and provides a new opportunity to generate revenue for athletics. The location was chosen due to it's proximity to I-35 and Apogee Stadium for both convenience and branding.

PROGRAM	LOCKER ROOM	COACHES OFFICES	PRACTICE	COMPETITION
FOOTBALL	Expanded Athletic Center	Expanded Athletic Center	Indoor Practice Facility	Apogee Stadium
BASKETBALL M/W	New Arena	New Arena	New Arena	New Arena
VOLLEYBALL	New Arena	New Arena	New Arena	New Arena
GOLF	Off campus	New Arena	New Arena	Off campus
BASEBALL	Baseball Stadium Complex	Baseball Stadium Complex	Baseball stadium Complex	Baseball Stadium Complex
SOFTBALL	Building H	Ernie Kuehne Practice Facility	Lovelace Stadium / Kuehne	Lovelace Stadium
TENNIS	Waranch Tennis Complex	Waranch Tennis Complex	Outdoor courts	Outdoor courts
SOCCER	New stadium	New stadium	MG Soccer Stadium	New stadium
TRACK & FIELD	New stadium	New stadium	New stadium	New stadium
SWIM / DIVE	Pohl Rec Center	Building H	Pohl Rec Center / PEB	Off campus

The chart above explains the location of each component per sport for the associated phase. **Green text** identifies the final destination of its associated component while **bold** highlights changes from the previous phase. *Priorities could be re-organized based on available resources



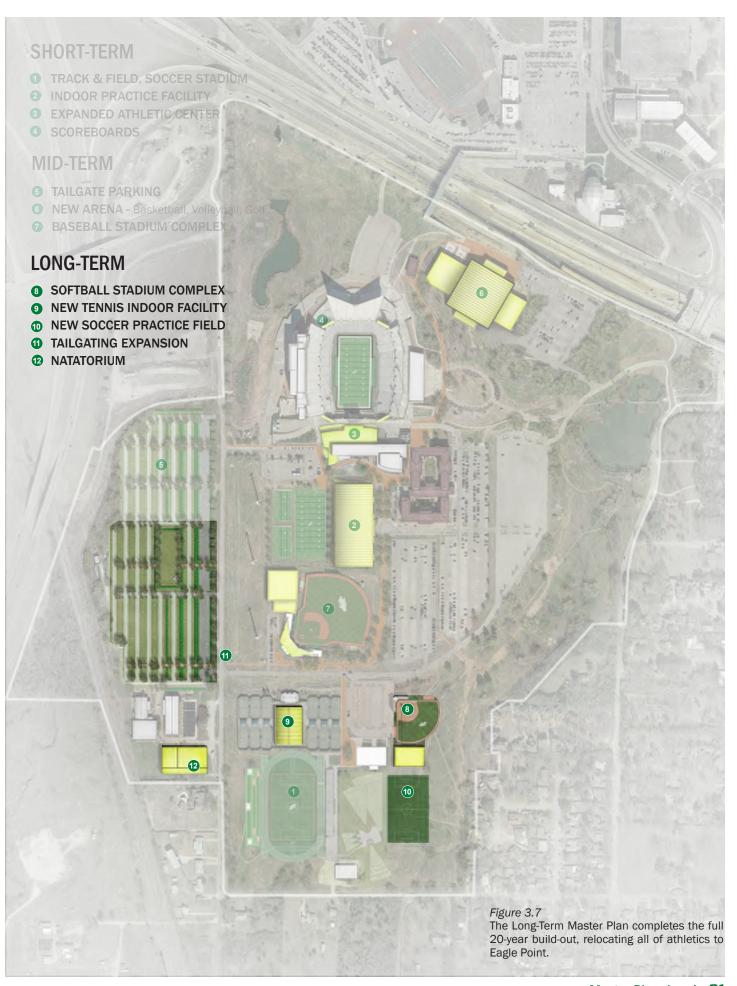
LONG-TERM MASTER PLAN

The Long-Term Athletic Master Plan completes the UNT Athletic Facilities Master Plan, finalizing the Mean Green Sport Precinct by relocating all athletic facilities to this portion of campus. This phase includes moving and properly orienting both the softball stadium and the soccer practice fields. It proposes to locate both fields close to their team facilities and orients them to have the least sun impact on the players. Relocating these facilities also allows the extension of the Tailgate Park along Bonnie Brae.

This phase also proposes to build a new indoor tennis court facility at the Waranch Tennis Complex and an adjacent new Swim & Dive Natatorium. These two facilities are considered the most flexible in terms of schedule implementation. As with all the proposed facilities the time frame will largely depend on funding and support.

PROGRAM	LOCKER ROOM	COACHES OFFICES	PRACTICE	COMPETITION
FOOTBALL	Expanded Athletic Center	Expanded Athletic Center	Indoor Practice Facility	Apogee Stadium
BASKETBALL M/W	New Arena	New Arena	New Arena	New Arena
VOLLEYBALL	New Arena	New Arena	New Arena	New Arena
GOLF	Off campus	New Arena	New Arena	off campus
BASEBALL	Baseball Stadium Complex	Baseball Stadium Complex	Baseball Stadium Complex	Baseball Stadium Complex
SOFTBALL	Softball Stadium Complex	Softball Stadium Complex	Softball Stadium Complex	Softball Stadium Complex
TENNIS	Waranch Tennis Complex	Waranch Tennis Complex	New indoor facility	New indoor facility
SOCCER	New stadium	New stadium	New Practice Field	New stadium
TRACK & FIELD	New stadium	New stadium	New stadium	New stadium
SWIM / DIVE	Natatorium	Natatorium	Natatorium	Natatorium

The chart above explains the location of each component per sport for the associated phase. Green text identifies the final destination of its associated component while **bold** highlights changes from the previous phase. *Priorities could be re-organized based on available resources



EXISTING ATHLETIC SHARED-USE FACILITY LOCATIONS

The shared-use facility diagrams below illustrate two themes within college athletic facilities. The first theme being consolidated facilities which are more efficient for the athletic department as a whole, requiring less staff and building square footage to operate. The second contrasting theme being dispersed facilities where each sport has it's own facilities at it's competition and practice venues, which are preferred by many coaches who can maximize the efficiency of their players time by having all resources nearby.

These diagrams show that UNT currently has a hybrid of these two themes. The existing strength & conditioning diagram shows all sports, except for basketball, sharing a strength & conditioning (S&C) facility at the Athletic Center. Basketball has a satellite S&C at the Coliseum. The existing training room diagram indicates a large primary sports medicine training room at the Athletic Center, handling all sports rehabilitation, with smaller satellite training rooms at Building H, the New Soccer & Track Stadium, and the Coliseum for daily use. The existing office diagram shows the existing office location for each sport.











[football]



[track & field]



[soccer]



(f) [softball]





[swim & dive]



[tennis]











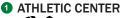


[satellite training at building H and coliseum]

OLYMPIC SPORTS COMPLEX: BUILDING H (1)

3 COLISEUM

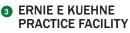






[administration offices]

OLYMPIC SPORTS COMPLEX: BUILDING H 多よを





WARANCH TENNIS COMPLEX

6 COLISEUM



LONG-TERM ATHLETIC SHARED-USE FACILITY LOCATIONS

These diagrams show that UNT plans to continue to have a hybrid of the two themes over the next 20 years. The main central S&C facilities will still be located at the Athletic Center and New Arena, with a proposed increase from 7,000 SF to 26,350 SF, adding a dedicated Olympic Sports S&C area. This allows for a majority of sports' Strength & Conditioning to remain consolidated for better efficiency of staffing and other resources, while providing football their own weight room to avoid existing scheduling conflicts with other teams. Each venue will still have its own satellite training room primarily for the use of taping before practice and games. The Sports Medicine/Hydrotherapy Center square footage is proposed to triple from 3,650 SF to 11,000 SF.

The diagram represents the proposed coaches' offices locations at each associated facility, with the exception of Swimming, whose offices would be located at the Athletic Center with football and athletic administration.

The academic center is also shared by all sports and is planned to be relocated to the athletic center during the athletic center expansion in the Short-Term Master Plan. Victory Dining Hall, which is connected to the athletic center is also planned to provide food offerings specifically tailored to student-athletes (training table).







- **1** ATHLETIC CENTER EXPANSION
- 2 ATHLETIC CENTER RENOVATION
- **3 NEW ARENA**

- **1** ATHLETIC CENTER EXPANSION Ø\$ 2 9

[satellite training at building H and coliseum]

- 2 NEW SOFTBALL STADIUM (1)
- **3 NEW SOCCER & TRACK STADIUM**
- **4** NEW BASEBALL STADIUM
- **5 NEW ARENA**

- **1** ATHLETIC CENTER EXPANSION
- NEW SOFTBALL STADIUM
- **3 NEW SOCCER & TRACK STADIUM** # 🟵
- **4** NEW BASEBALL STADIUM
- 6 NEW ARENA
- **6** WARANCH TENNIS CENTER

FACILITIES

The following pages provide a conceptual overview for each of the master planned facilities in detail by building and sport. The investigation includes an existing building analysis, as well as a proposed conceptual test-fit for the new or renovated spaces.

Established through coaches interviews, steering committee meetings, and comparable facility benchmarking, the Master Plan team created a full conceptual program for each sport's team facility, training area, and competition venue. The conceptual program is a preliminary framework for comparing the existing facilities to current trends in collegiate athletic facilities. In general, the common theme throughout the programmatic study shows the majority of athletic facilities are significantly undersized.

The following facility investigations propose a combination of Short-Term, Mid-Term, and Long-Term solutions to a number of the deficiencies, including square footage, raised during the coaches interviews and steering committee meetings. The facility investigations are ordered to parallel the Athletic Master Plan phasing, with the exception of the parking analysis located last in this section.

EXISTING VERSUS PROPOSED PROGRAM

Figure 4.1 - The programmatic study below compares existing square footage to programmed square footage needs, highlighting that the majority of athletic facilities are significantly undersized.

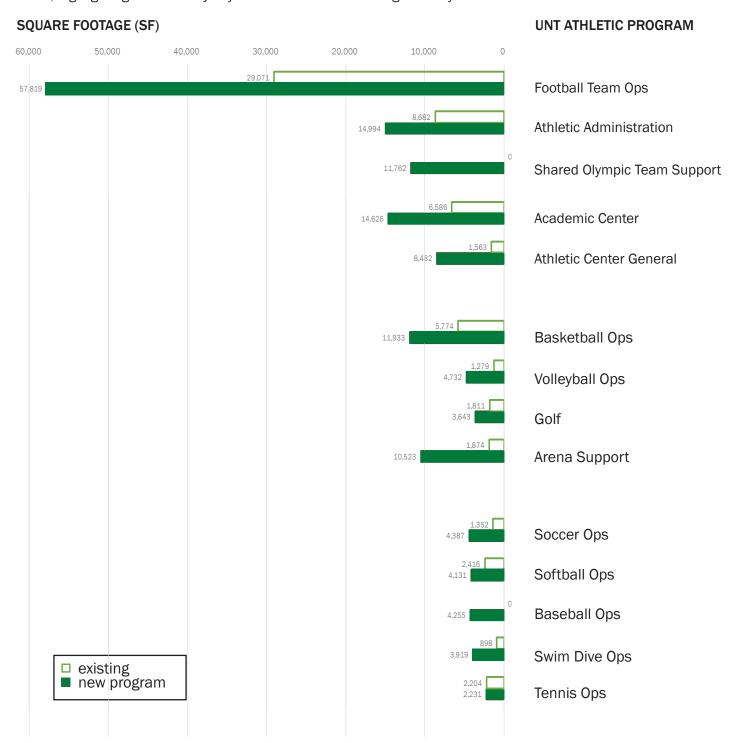




Figure 4.2
An Indoor Practice Facility is the immediate need for University of North Texas Athletics. Currently, there are no facilities to accommodate teams during inclement weather that otherwise typically practice outside...

INDOOR PRACTICE FACILITY

WHAT WE HEAR...

efficiency An Indoor Practice Facility provides an area to practice when weather is not conducive for outside practice.

recruiting Seven Universities and 144 High Schools in Texas along with three Conference USA programs have Indoor Football Practice Facilities. Recruits are starting to expect these.

accessibility As the facility's primary use will be football, it should be located with a direct connection to the football outdoor practice fields and in close proximity to the football team facilities.

functionality The facility should have: a full field with runoff, additional practice area, ability to practice field goals (no punting), padded walls, sprint lanes, overhead doors to outdoor fields, recruiting room, camera platforms, air conditioning, speaker coverage, and equipment storage.

> The Indoor Practice Facility is an immediate priority in order to provide a practice option during inclement weather and high-heat conditions. The prevalence of these facilities among other universities and within the state of Texas in both Universities and High Schools, has resulted in them being a necessity for recruiting student athletes.

> The selected concept for an Indoor Practice Facility (IPF) is a multi-use facility designed primarily for Football, with ancillary uses for Track & Field and Soccer, Softball, and Baseball hitting & fielding could also be accommodated with future netting & equipment. All student athletes will have access for general conditioning during inclement weather. The facility will also include a public lobby and restrooms, as well as a recruiting lounge with views to the field.

> The 94,303 GSF facility is proposed as an efficient pre-engineered structure, approximately 196' wide x 426' long, including a full-length field, extra 10 yard practice area, support space and run-off space for player safety. A minimum clear indoor height of 55' is provided for place kicking, but not punting. The building should be insulated, sprinklered, and tempered by full HVAC systems. The main surface is synthetic turf with a rubberized track surface for three lanes along one side.

> The facility is proposed to be located south of the Athletic Center on the existing grass practice fields. The site was chosen so that the facility will take the place of one of the fields, while providing the ideal facility layout and still providing 1 1/2 outdoor grass fields adjacent to the indoor artificial turf Field. The outdoor fields could also be expanded westward to 2 fields if required in the future. Adjacency to the Athletic Center provides proximity to the team locker rooms, while adjacency to the existing parking lots to the East provides parking options for pre-game events.

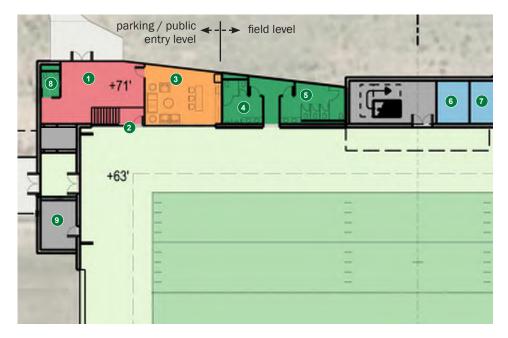


- VIP Entrance
- 2 Indoor Practice Field
- 3 10 YRD. Auxillary Field
- 4 Filming Platforms
- **5** 100 M. Sprint Lanes (3)
- Sand Pit
- HVAC / Storage below
- Indoor Storage
- Outdoor Storage
- 1 IT / AV
- Service Entrance
- Players Entrance
- Overhead Doors
- Future Connection to Athletic Center Option A
- Future Connection to Athletic Center Option B
- ⑤ Electrical Room

Figure 4.3 Indoor Practice Facility overall plan

- Public Entrance Lobby
- View to Field
- Alumni / Recruiting Lounge
- Mens Restroom
- Womens Restroom
- AV Control
- IT / Data
- Unisex Restroom
- **Electrical Room**

Figure 4.4 Indoor Practice Facility enlarged detailed plan



The overall plan (left - Figure 4.3) and enlarged detail plan (above - Figure 4.4) indicate locations of the programed elements of the proposed IPF. The main entry lobby (red) is located on the NW corner, on grade with the top of the parking lot and the Main Level of the Athletic Center. The visitors/recruiting lounge (orange) is accessed directly from the lobby with both overlooking the Practice Field. Field Level is 8 ft below the entrance and accessible by stair or elevator. Additional players entries are provided at Field Level on the north and west. Multiple storage areas (blue) surround the Practice Field. The three sprint lanes and sand pit are located within the runoff area to the east.

The concept plan assumes 50 SF/person based on International Building Code exercise room occupancy group. This results in 1,720 occupants, which requires 10 (3'-0") doors for exiting.

Four water closets and two lavatories are provided for both men and women. The restrooms are sized for approximately 500 people, double the standard use (250 people) of the facility but less than the maximum occupancy (1,720 people). The primary use group all have restroom facilities associated with their individual locker rooms as well.



Figure 4.5 - View of the NW entry and west elevation



Figure 4.6 - View of the west elevation from the outdoor practice fields



Figure 4.7 - View of the Indoor Practice Facility complex

- New Indoor Practice Facility
- 2 New outdoor practice fields
- 3 Expanded pedestrian gameday connector

Figure 4.8 - Site plan of the Indoor Practice Facility and the outdoor practice fields

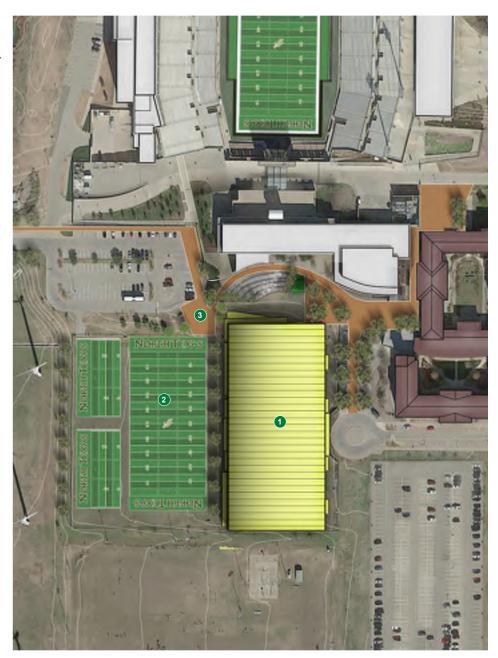




Figure 4.10
The Athletic Center is located just south of Apogee Stadium in close proximity to Victory Hall student-athlete housing

ATHLETIC CENTER

WHAT WE HEAR...

efficiency

The existing strength & conditioning and sports medicine areas are too small. It is impossible to have multiple sports training at the same time.

recruiting The football locker room lacks the height, size and aesthetic appeal to create that "WOW" recruiting factor.

accessibility Occupants are required to transfer elevators to go from Level 1 to Level 3.

functionality The football locker room is a level below the training room and practice fields. Players are forced to vertically circulate and walk through the hall of fame in the building lobby to access the outdoor practice fields.

> Opened in 2005, the Mean Green Athletic Center is located in the south end zone of Apogee Stadium, centralized within the Eagle Point campus. The facility houses all Football program functions including the locker room, lounge, equipment room, team meeting rooms, and football coaches offices. The Center also houses the main strength & conditioning and sports medicine & rehabilitation facilities for UNT Athletics. The upper floor houses the athletic administration offices, while the main level connects to the Champs Dining Facility and neighbors the Victory Residence Hall.

> As the epicenter of athletic and football operations, the facility's location works well for its heavy use. Its position between the Stadium and the practice fields is an ideal location for football operations. The principal issue with the Athletic Center is all the spaces are too small; the square footage of the existing Football operations functions are all roughly half the current standard of Group of 5 Football operations centers of 60,000 or more square feet. "Group of 5" refers to the second tier of conferences in the NCAA Division 1 Football Bowl Subdivision: Sun Belt, Conference USA, Mountain West, American Athletic Conference, and Mid-American Conference. Both strength & conditioning and sports medicine facilities are shared by all sports. However, they are all smaller than what would be currently programmed for a football-only facility.

EXISTING ATHLETIC CENTER



Figure 4.11
Existing Athletic Center Floor Plan



Football Locker Room



Athletic Center Entrance



Football Strength & Conditioning

Facility deficiencies include:

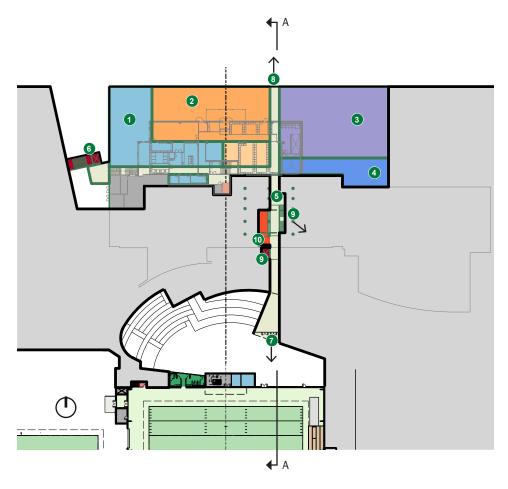
- Each elevator only travels one floor and in dispersed locations so no single elevator connects all three levels
- The large outdoor patio is underutilized because it is blocked by the stadium scoreboard
- Sports Medicine is a level up from the football locker room so players have to traverse levels to get taped for practice
- The team's route to the football practice fields is up a stair and out through the main lobby/hall of fame
- The coaches locker room is on the top floor and difficult to secure

The lower level is at the field level of the stadium, consisting of the football locker room, lounge and equipment room. The direct connection from the competition field to locker room functions well but the locker room is tight with low head room. The lounge space is now part of the locker room and is the only place to gather the team. The lockers were recently renovated but are not well ventilated and the restroom facility has a low fixture count. The equipment room is properly located adjacent to the locker room, but is small given the trend for multiple uniforms that has become prominent in the last decade.

The existing main level of the Athletic Center is one level up from the locker room level and includes the main lobby/hall of fame, sports medicine, strength & conditioning, team meeting rooms, auditorium, and dining hall. Ideally, sports medicine should be located adjacent to the locker room due to the constant back and forth interaction between training, taping, hydrotherapy, and the locker room. The auditorium was recently enlarged to seat 150 people but football lost three position meeting rooms in the process.

The upper level consists primarily of the football and administrative offices, the majority of which have their stadium view blocked by the scoreboard and the corridor layout is inefficient. The biggest issue is the need to transfer between elevators to get from the upper level to the lower level thereby negatively impacting the recruiting path.

PROPOSED RENOVATED LOWER LEVEL



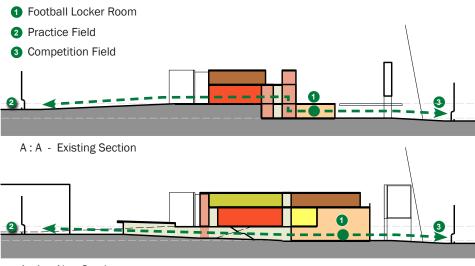
- 1 Equipment 6,735 SF
- 2 Football Locker Room 6,790 SF
- 3 Sports Medicine and Rehab 6,210 SF
- Cool Down / Hydrotherapy 3,290 SF
- 5 Connection Corridor 3,131 SF
- 6 Main Lobby Connection
- Direct Access to Indoor
- 8 Direct Access to Competition
- 9 Players Entry Connection above
- Plyometric ramp to S&C

Figure 4.12
Proposed Lower Level Test-fit

The Master Plan study offers conceptual square footage test-fits for expanding the existing Athletic Center from 62,460 GSF to 141,875 GSF. The following test-fits are purely conceptual in nature. Programs and square footages should be verified and revised as development progresses.

The lower level test-fit expands the lower level square footage significantly. This allows the locker room and equipment room to be enlarged while adding space for the coaches locker room, sports medicine, and cool down/hydrotherapy.

The proposed new corridor, connecting below the main level, will provide a direct horizontal link between the competition field, the locker room level and the Indoor Practice Facility. The central vertical circulation in the corridor provides the opportunity to vertically link to strength & conditioning, team meeting, auditorium, and the new student-athlete entry. The players entry also links directly to the coaches offices and academic center on the upper level.



A: A - New Section



Figure 4.13
Existing Cross Section vs. Proposed Cross Section

PROPOSED RENOVATED MAIN LEVEL



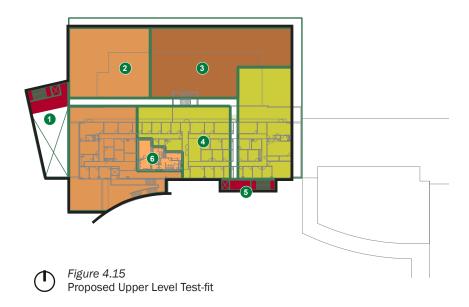
- Main Lobby / HOF 3.380 SF
- Pootball S+C 15,885 SF
- 3 Olympic Sports S+C 7.850 SF
- Team Meeting / Auditorium 8,117 SF
- 5 Players Lounge 3,200 SF
- 6 Locker Room Overlook 4,622 SF
- Players Entry 691 SF
- 8 Existing Training Table 17,227 SF
- Football Players Patio 4,707 SF

The main level test-fit also expands the facility significantly. The conceptual master plan program and coach's interviews determined that the current all-sport S&C is substantially undersized at 6,150 SF. Current facility design programs an additional 9,000 SF for football and 7,800 SF for Olympic Sports. Moving sports medicine down to the lower level and moving the hall of fame out into the parking area as a prominent entry point, allows S&C to take over a portion of this square footage.

Also, above the lower level expansion are the team meeting rooms and a football team lounge that overlooks a two-story atrium concept locker room. A new student-athlete entrance is proposed on axis with the lower corridor along the south face of the facility, close to the dining hall and student dorms. The current dining halls' square footage is appropriate for an athletic training table.

PROPOSED RENOVATED UPPER LEVEL

- Main Lobby Overlook 850 SF
- Olympic Sports and **Administration Offices** 14,722 SF
- Football Coaches Offices 9,027 SF
- Academic Center 12,310 SF
- Players Entry Connection 691 SF
- Staff Locker Rooms 1,215 SF



The upper level test-fit includes the Olympic Sports and Administration Offices, the football coaches offices and a larger centrally located academic center. The test-fit locates the Olympic Sports and Administration Offices toward the west and the new hall of fame entry. The academic center is toward the southeast near the existing dorms, dining hall, and student-athlete entrance. The football offices are located to the north, overlooking the stadium.

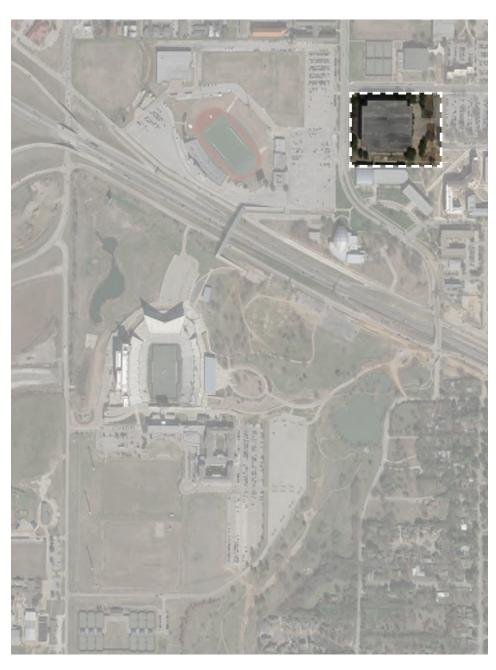


Figure 4.16
The Coliseum is located just North of I-35 on the UNT Denton main campus

COLISEUM - Basketball, Volleyball, Golf

WHAT WE HEAR...

fan experience The existing capacity is too large for basketball games, does not provide enough variety and price point differentiation of seating amenities, and does not have enough restrooms or concessions for crowded events.

student-athlete experience

Team and coaches facilities are small and the practice gym is located across campus away from team facilities in the Ernie Kuehne Practice Facility at Mean Green Village.

The University of North Texas Coliseum, more commonly referred to as "The Super Pit" currently serves a number of University sponsored events including basketball, commencements, concerts, workshops, camps, classes etc. Positioned north of I-35E, the facility is located within the main campus, putting it closer to the students, but further from Eagle Point athletic campus.

Nicknamed "The Super Pit", the Coliseum was opened in 1973. The interior of facility is a single elliptical 10,500-seat bowl with a small dress circle ringing the bowl halfway between the competition floor and top row of seating. A single mid-level course wraps the outside of the bowl. The concourse area, toilets, and concessions are vastly undersized for the quantity of seating.

The quantity and quality of seating is one of the primary issues with the facility. Campus requires a 10,000 seat facility for convocation, graduation and outside events, while Athletics needs a 5,000-6,000 seat Arena with varying price points and amenities. The addition of these amenities such as loge seats, clubs, and suites, and additional compliant wheelchair positions would have reduced the total number of seats well under the 10,000 needed for campus events, but left it well over the 5,000 to 6,000 ideal size for basketball.

Due to these inherent issues with right-sizing the existing Coliseum, the steering committee discussed the possibility of building a New Arena for athletics, while keeping the existing Coliseum for larger campus events. The New Arena is proposed to be built south of I-35E in the Eagle Point campus. The smaller more intimate venue will offer a wide variety of seating options and price-points to enhance the fan experience, while the new attached Basketball and Volleyball team player development and Practice Facilities will enhance the student-athlete experience.

COLISEUM

Existing Fan Amenities

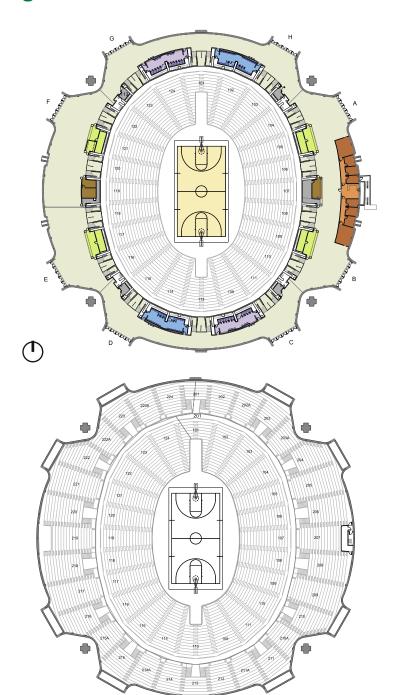


Figure 4.17 Existing Coliseum Fan Amenities



View from upper bowl



Concourse



Graduation configuration

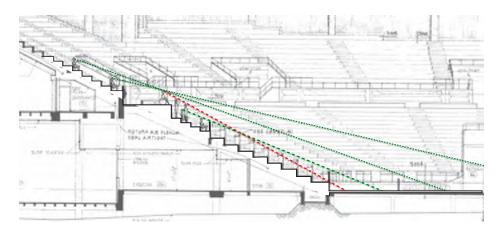


Figure 4.18
Sightline study of existing Coliseum with new ADA positions

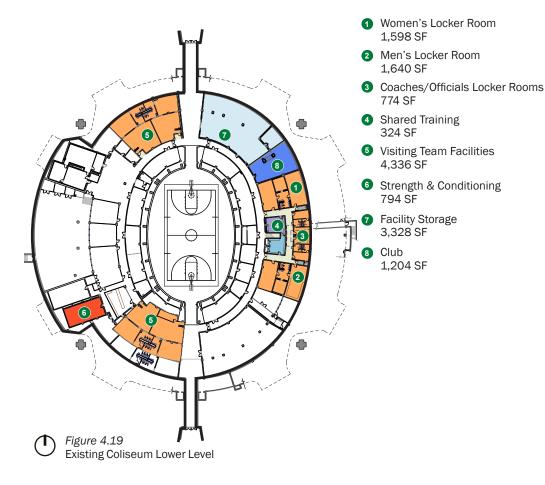
The quantity of seating in a venue has a dynamic effect on the size of supporting amenities. Plumbing fixtures, ADA positions, concession points of sale (POS), concourse square footage, and gate capacities are all proportional based on the seating capacity.

The existing Coliseum currently has 22 women's and 42 men's water closets. Per code, a new or renovated 10,500-seat venue will require 101 womens and 52 mens water closets, a difference of 89 fixtures. A new or renovated 6,000-seat venue will require 63 women's and 33 men's water closets. Standard concession practice provides one POS (point of sale) for every 250 seats: 10,500-seats equates to 42 POS while 6,000-seats equates to 24 POS, the existing Coliseum currently has 21 POS.

Another challenge with renovating the Coliseum is meeting the current ADA seating guidelines while preserving sightlines for the fans above. Based on the existing capacity of 10,500 patrons, the building code requires 64 ADA positions. These positions must be accessible from the main concourse and cannot impede aisle exit widths. The only way to achieve this is to build platforms over the top two rows of the lower seating bowl. In doing so, the sightlines of patrons in the first few rows of the upper seating bowl are significantly compromised.

BASKETBALL

Existing Team Facilities



- 1,598 SF
- 2 Coaches/Officials Locker Rooms 774 SF



Figure 4.20
Existing Coliseum MainLevel

Men's and Women's Basketball operations are primarily located at the Coliseum. Here, each team has a dedicated locker room, meeting area/lounge, and restroom facility. The team spaces are small in comparison to other facilities but were recently re-branded.

The teams share the Coliseums' training room, equipment room, and S&C center. These shared spaces are considerably undersized. For example, the S&C room is a converted racquetball court. Since the Coliseum is shared with other campus users, programmatic expansion will require displacing other user groups.



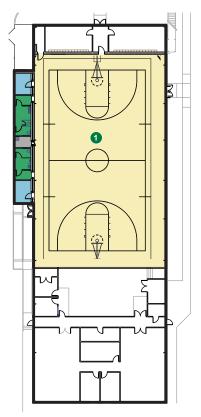
Strength & Conditioning



Womens team meeting room



Womens Locker Room



Practice Courts 7,563 SF



The Men's and Women's Basketball coaches' offices are located on the concourse level of the Coliseum. Each team has four offices with a shared reception.

The basketball teams alternate practices between the competition floor at "The Super Pit" and the Ernie Kuehne Basketball Practice Facility. The Ernie Kuehne Practice Facility is located across campus from the Coliseum in the SW corner of Eagle Point. This single court facility is helpful in that it provides a practice area when the Coliseum is occupied. However, it is smaller than the preferred 1 1/2 court configuration that allows full court practice and free throw practice simultaneously.

VOLLEYBALL

Existing Team Facilities



- 100 SF
- 2 Shared Coaches 313 SF
- 3 Offices 349 SF
- Shared Training 330 SF
- 5 VB Competition 13,200 SF



Volleyball Branding



Volleyball Practice / Competition Court



All volleyball operations are currently based out of Building H in the Mean Green Village. The gym space inside Building H is used for both practice and competition. In competition layout, the facility seats 600 people.

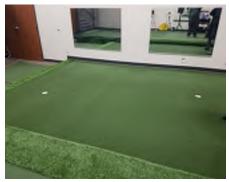
The facility's biggest shortcoming is its 27 feet overhead clearance. Though 2 feet higher than the minimum, it is significantly lower than the 41 feet recommended clearance desired to host NCAA Tournaments. Additionally, the volleyball and soccer locker rooms currently share restroom facilities, which can cause scheduling conflicts. Volleyball also lacks a lounge or meeting room space.



Volleyball Locker Room

GOLF

Existing Team Facilities



Golf practice green



Golf swing training net

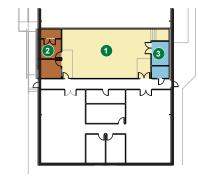


Figure 4.23
Existing Ernie Kuehne Practice Facility

- Swing Training Area 897 SF
- 2 Coaches Offices 504 SF
- 3 Storage 143 SF



Maridoe Golf Course

Men's and Women's Golf operations are located off-campus at their home golf course, Maridoe Golf Club, in Carrollton, TX. However, University of North Texas Golf has a small practice area located on campus in Ernie Kuehne Practice Facility. The indoor practice area consists of a 20x30 putting area and two hitting bays. Ideally the putting area will be 30x40. Two hitting bays is sufficient. More equipment storage and covered van parking are Golf's biggest on-campus needs.

PROPOSED NEW ARENA

Basketball, Volleyball, Golf



Figure 4.24
The New Arena is located along I-35E as a marquee campus facility. It is easily accessible from Main Campus via the pedestrian bridge with VIP parking located east of the facility.

This Master Plan offers a conceptual square footage test-fit for the New Arena and associated team facilities for Men's and Women's basketball and volleyball. The following test-fits are purely conceptual in nature. Programs and square footages will need to be verified and revised as development progresses.

The test-fit for the proposed 6,000-seat New Arena shows a 17 row 4,200-seat lower bowl and a 7 row 1,800-seat upper deck. The concourse has open views to the court with toilets and concessions along the exterior.

A wide variety of VIP options are proposed along the eastern court side, including a premiere court-side club, a mid-court club, loge boxes, sky suites, and catwalk club. Focusing the VIP options to the east places a VIP entrance adjacent to the nearest parking area. The catering functions are focused into a single full service kitchen. The mid-court club overlooks both basketball and volleyball competition.

Figure 4.25 The New Arena Court Level

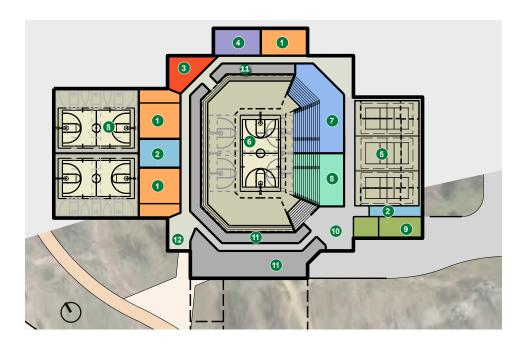
- Locker Rooms
- 2 Equipment
- 3 Strength & Conditioning
- 4 Training
- 6 Practice Courts
- **6** Competitions Courts
- Back Court Club
- 8 Kitchen
- Golf
- Loading
- Back of House Storage
- Entry

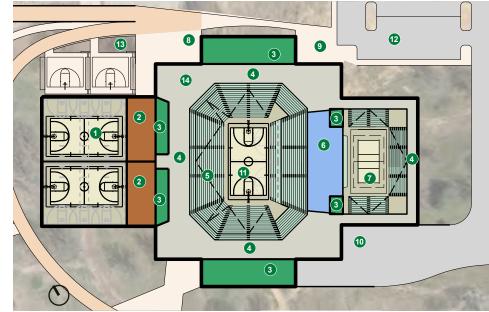
Figure 4.26 The New Arena Concourse Level

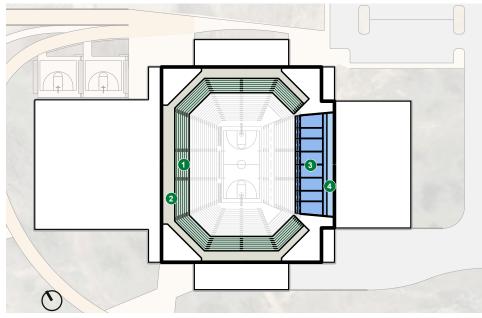
- Practice Court Below
- 2 Coaches Offices
- 3 Toilets / Concessions
- 4 Concourse
- 6 Lower Bowl Seating
- 6 Club
- Volleyball Competition
- 8 Main Entrance / Ticketing
- 9 VIP Entrance
- Loading Below
- Competition Court
- VIP Parking
- 13 Entry Plaza
- 4 Hall of Fame

Figure 4.27 The New Arena Upper Level

- Upper Bowl Seating
- 2 Concourse Catwalk
- 3 Suites
- 4 Club Overlook







PROPOSED NEW ARENA - TEAM FACILITIES

Basketball

The proposed scheme provides the Men's and Women's Basketball teams their own locker suite and practice court at competition court level. The coaches offices are at concourse level, overlooking each teams practice gym.

The arena sports all share training, equipment, and S&C rooms at the arena. The elongated north facade offers the opportunity to create a signature facility paralleling I-35E, while the south facade will be designed to allow for future expansion of another sport.

- Basketball Men's Locker
- 2 Basketball Women's Locker
- Basketball Equipment
- 3 Basketball Practice Courts
- Basketball Competition Court

Volleyball

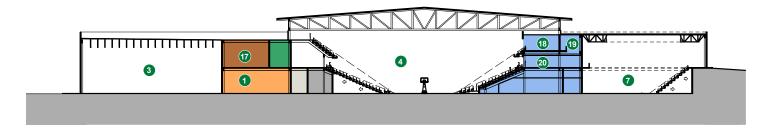
A new Volleyball Practice/Competition Court is proposed to be attached to the east side of the facility. The flooring layout accommodates three practice courts or a single competition court surrounded by 1,000 retractable seats for competition. This dedicated volleyball competition area will utilize the restrooms and concessions that are part of the basketball concourse.

- 5 Volleyball Locker Rooms
- 6 Volleyball Equipment
- Volleyball Practice Courts

Golf

Along the east side the Golf program would be served with a practice area, coaches offices, and van parking.

- 8 Golf
- Shared Strength & Conditioning
- Shared Training
- Back Court Club
- Kitchen
- 1 Loading
- 4 BOH Storage
- 15 Entry
- 16 Future Program Expansion
- Coaches Offices
- Suites
- Club Overlook
- 20 Club



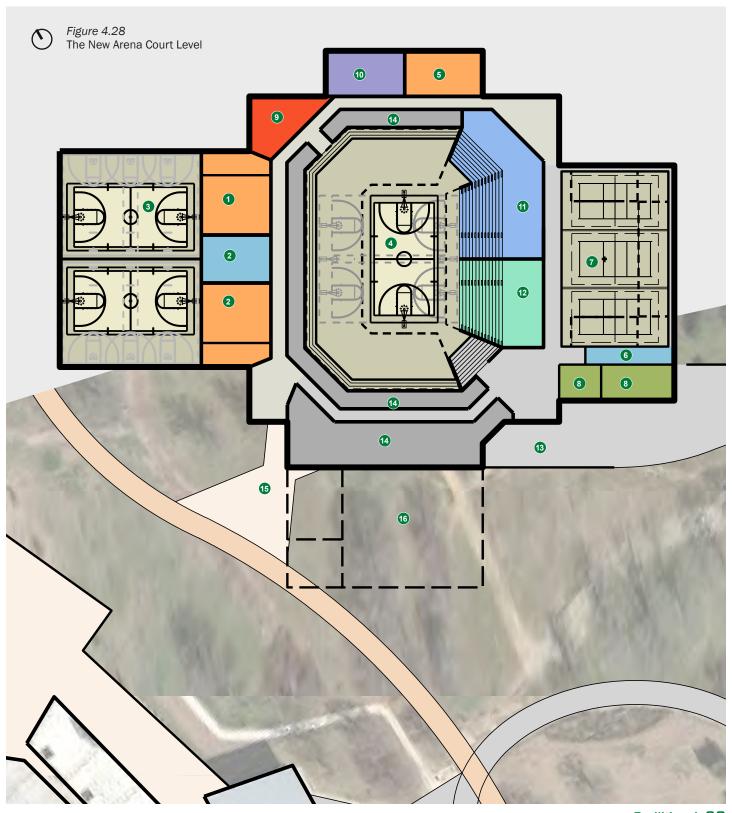




Figure 4.29 New Arena Court View



Figure 4.30 New Arena Exterior View



Figure 4.31 Soccer and Track & Field

SOCCER, TRACK & FIELD

WHAT WE HEAR...

efficiency

The new Soccer and Track Stadium will be shared between both programs. Re-orienting the competition field to a more suitable orientation is ideal.

recruiting

The new facility provides both teams with upgraded student-athlete experience.

accessibility

functionality

Access to an indoor practice area is desired by both Track & Field and Soccer.

The current S&C at the Athletic Center does not meet Track & Field's needs as the current facility is focused towards weight lifting for football, as opposed to the functional strength training needed for other sports. An Olympic Sports focused S&C is desired to better focus on non-football sports and alleviate current scheduling conflicts. A training table, staffed by a nutritionist and open 7 days a week is desired.

While the Athletic Facilities Master Plan was being developed, design was in process for a new combined Soccer and Track & Field stadium and shared team facility south of the Waranch Tennis Complex. The new 1,600-seat facility will have a competition soccer field surrounded by a 400m Track. Throwing areas will be located behind the seating to the west, while the new team facilities will be located north of the throwing and south of an enlarged tennis parking lot.

Track operations are currently located north of I-35E at the old football stadium, Fouts Field. However, with Fouts Field scheduled for demolition, a new facility is required. The soccer team facility and coaches offices are located in the Building H: Olympic Sports Complex.

Soccer currently practices and competes at Mean Green Soccer Stadium. The field runs east to west between the Olympic Sports Complex and Lovelace Softball Stadium, with 900 pre-manufactured bleacher seats along the north sideline and shares the restrooms and concessions at Lovelace Softball stadium. The Mean Green Soccer stadium is proposed to remain as the soccer practice field when the new stadium is open but the east-west orientation remains less than ideal even for practice due to the afternoon and evening sun.

Both the soccer and track coaches requested an indoor space to be able to practice during inclement weather. The proposed indoor football practice facility provides this opportunity. Both programs also requested a strength & conditioning space aimed more toward Olympic Sports. The proposed Athletic Center addition provides an Olympic Sport S&C addition.

SHORT-TERM SOCCER PRACTICE





Soccer meeting room



Soccer press building

Figure 4.32 The Short-Term plan reuses the existing soccer competition venue for practice $\frac{1}{2}$

1 Existing Soccer Field

The Mean Green Soccer Stadium deficiencies include a need for increased capacity, drainage (the field is soggy after heavy rains), and the east-west field orientation is undesirable as one team is always looking into the sun. The new stadium solves these issues but drainage and field orientation issues remain with the practice field. The Master Plan proposes relocating the soccer practice field to the East side of the proposed throwing area in the Long-Term Master Plan.



Shared training room

LONG-TERM SOCCER PRACTICE



Figure 4.33
The Long-Term Master Plan relocates the soccer practice field East of the track and soccer facility, and West of the neighborhood buffer zone

- Soccer Competition Field
- New Soccer Practice Field



Figure 4.34
Softball is currently located East of Bonnie Brae Street, split among three facilities in the Mean Green Village: Lovelace Stadium, Ernie Kuehne Practice Facility and the Olympic Sports Complex.

SOFTBALL

WHAT WE HEAR...

efficiency The softball locker room and team meeting area are located over 650 feet from the stadium and practice area, resulting in student-athlete time loss in transit.

recruiting

Dugouts are dated and need bathrooms, the exterior cages are badly deteriorated and need cover, and the indoor cages are too short.

accessibility

Though most student-athletes live off-campus, a better training table and larger academic center will definitely be utilized. A training room should be near the locker room.

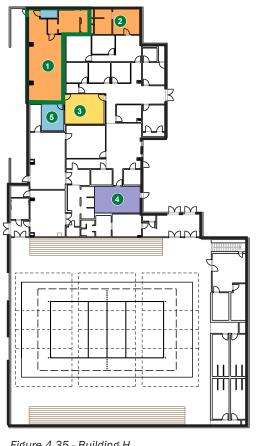
functionality

The field is oriented in the wrong direction, there are drainage issues outside the lines and in the bullpens, the bullpens are not lit by the field lighting, the press box is not very functional, and team storage space is insufficient.

Opened in 2007, Lovelace Stadium is the current home field for Mean Green Softball. It functions as both the competition and practice field. The facility meets all playing requirements and the playing surface is well maintained. Deficiencies that need to be addressed primarily relate to the stadium's orientation. The field is oriented to the north-west, placing the late day sun directly in the eyes of the first baseman, which can be dangerous when receiving throws from the other infielders. Lovelace Stadium is the only Division 1 program in Texas with this orientation and only 1 of 2 in conference.

Other issues include drainage after heavy rains, especially outside the lines and the bullpens; the dugouts are dated and need their own bathroom; bullpens are asymmetrical and are not lit by the field lighting; there is no batters eye wall to shield the interstate beyond; there is not enough team field storage space; and the press box is not functional. The current exterior batting cages are badly deteriorated; Covered cages are Coach's top priority.

EXISTING FACILITIES



- Locker Room 1634 SF
- 2 Shared Coaches Locker Room 313 SF
- Team Meeting 322 SF
- 5 Equipment 165 SF
- 4 Shared Training 330 SF



Building H exterior



Softball Locker Room





The softball locker room and team meeting area are located over 650 feet from the stadium and practice area in the Olympic Sports Complex. While not a recruiting advantage, the locker room and meeting room are heavily utilized.

Softball shares a training room in the building with soccer and volleyball. The adjacency to the locker room is good, but it is too small for three sports to share simultaneously.



Shared training room



Ernie Kuehne Practice Facility exterior



Softball batting cages



Coaches office

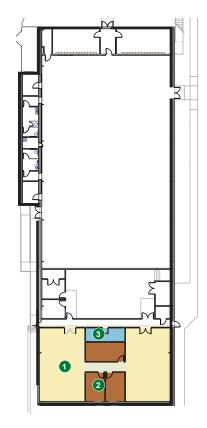


Figure 4.36 - Ernie Kuehne Practice Facility

All sports currently share the academic center, dining hall, and strength & conditioning facilities. Sharing facilities in this manner places a lot of stress on scheduling demands and privacy. Softball often uses their team meeting room for studying because the academic center is too crowded.

The softball coaches offices and indoor batting cages are located next door at Ernie Kuehne Practice Facility. Indoor conditioned cages create a recruiting advantage but the space is too short to face live-pitching. The three offices are adequate, but Softball plans to add another full-time coach, so another office is desired.

- 2 Offices 504 SF
- 3 Storage 143 SF

MID-TERM SOFTBALL



Figure 4.37 - Proposed Mid-Term

- Existing Lovelace Stadium
- 2 Mean Green Olympic Complex: Building H
- 3 Ernie Kuehne Practice Facility

The Mid-Term Athletic Master Plan keeps Lovelace Stadium with minor lighting, dugout, and bullpen adjustments. Once soccer, volleyball and golf are relocated to the new arena, the softball team will be the only sport left in the Olympic Sports Complex. They will be split between Building H and Ernie Kuehne Practice Facility.

LONG-TERM SOFTBALL

Figure 4.38 - Proposed Long-Term

- New Softball Indoor Facility
- 2 New 500 Seat Softball Stadium

2

The Long-Term Athletic Master Plan relocates the softball stadium in a south-east orientation adjacent to the Olympic Sports Complex. Relocation offers the ability to fix all discussed issues: orientation, drainage, dugouts, bullpens, lighting, batters eye, and proximity to the softball team facility.

The softball indoor facility would provide space for an infield practice area, locker suite, team lounge, coaches offices, and taping area to further enhance their recruiting advantage.



Figure 4.39
The key plan highlights the future location of UNT Baseball

BASEBALL

WHAT WE HEAR...

program expansion Baseball is most likely the next sport added by UNT athletics.

challenges Currently UNT does not have any baseball facilities. A new stadium and team facilities will be needed. Adding baseball will require a Title IX analysis to verify compliance.

> Though the University of North Texas does not currently have an NCAA Baseball Program, the steering committee requested that the Master Plan look at the addition of a Baseball Program as part of its proactive plan.

> The Master Plan study focused on space planning for a new 1,500-seat baseball stadium and team facility, with the possibility of adding an indoor infield and hitting facility in the future. The proposed team facility includes a locker suite, training room, coaches offices, pitching tunnels and batting cages.

> After studying multiple locations, the Master Plan steering committee proposed siting the new baseball stadium on the current recreation fields, south of the football practice fields. As discussed with the steering committee, this may require the relocation of those existing recreation fields to a site to be determined in the future.



Figure 4.40 A Conceptual Baseball Stadium image to establish an axis between the larger sports venues

The location approved by the Steering Committee was chosen because the site allows the Baseball Stadium to have the desired north-east field orientation and locates the home plate entrance toward the intersection of Bonnie Brae Street and Walt Parker Drive, thus establishing a southern gateway to the Athletic Precinct.

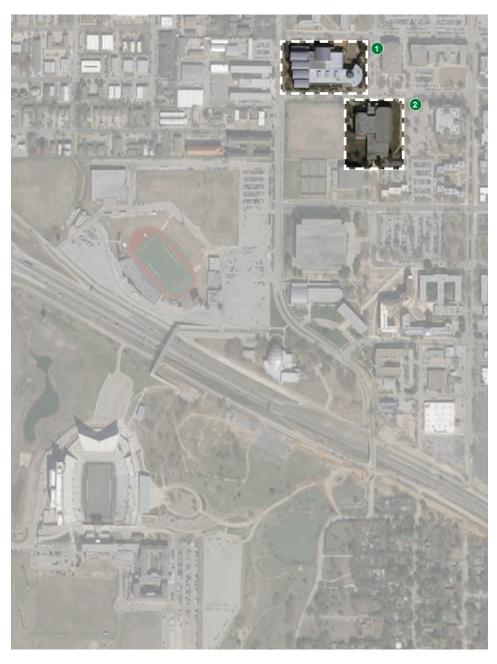
This location also puts the Baseball Stadium along the campus' north-south Pedestrian Path.

Lastly, it allows the site considered from the 2013 Master Plan, the field north of Lovelace Stadium and west of Apogee Stadium, to be turned into a revenue generating Tailgate Park during football season.

- 1 New Baseball Stadium
- 2 New Indoor Team facility
- 3 Expanded pedestrian gameday connector
- 4 New parking lot
- 6 New team parking lot
- 6 Outfield overlook

Figure 4.41 New Baseball Stadium Conceptual Site Plan





- Pohl Recreation Center
- 2 Physical Education Building (PEB)

Figure 4.42 Swim and Dive teams currently share the Pohl Recreation Center and the UNT Physical Education Building both located on the UNT Main Campus north of I-35.

SWIM & DIVE

WHAT WE HEAR...

efficiency The facilities are shared with the Recreation Center and Physical Education Department on Main Campus.

recruiting The swim team needs their own locker room. Currently it is located but segmented within the general locker room for the Recreation Center. The current requirement of off-campus training, and the aged condition of the facilities at the Physical Education Building are also challenges to recruiting.

accessibility Pool use is dependent on the schedules of the Rec Center and Physical Education Building. 5 meter platform diving and 50 meter Swimming have to train off-campus.

functionality The Swim & Dive facilities are located across campus from training, strength & conditioning, and the Academic Center.

> Swim and Dive share multiple facilities across campus. The Swim and Dive offices are located south of I-35E in Building H: Olympic Sports Complex, while the team functions are shared with the Pohl Recreation Center and Physical Education Building north of I-35E.

> Swim practice and competition takes place in the secondary pool at the campus Recreation Center. The pool has an eight-lane 25 meter pool that meets the NCAA requirements for hosting matches. However, the team is a tenant and is dependent on the Recreation Center's scheduled cleaning and maintenance. The swimming locker room is currently an alcove of lockers within the main student recreation center women's locker room.

EXISTING FACILITIES

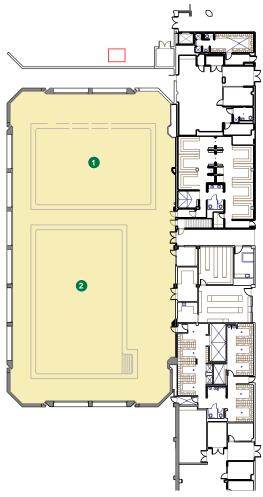


Figure 4.43
UNT Physical Education Building (PEB)

- Diving Well
- 2 Backup Pool



Back-up pool



Diving boards



8 lane 25m pool

- 8 Lane Shared 25m Pool
 2 Shared Locker
 3 Classroom
- Diving takes place at the Physical Education Building located southeast of the Recreation Center. The facility has two one-meter springboards and a three-meter springboard. The facility also has a six-lane 25 meter training pool that can be utilized when the Recreation Center is unavailable; however, it is difficult to hold full practice in six lanes.

Pohl Recreation Center

UNT Swimming and Diving utilizes an off-campus 50 meter pool and a 5 meter diving platform as neither of the current facilities support these requirements.

LONG-TERM SWIM / DIVE



1 Natatorium

Figure 4.45 Long-Term Master Plan proposed Natatorium

The Long-Term Master Plan proposes a location for a new Natatorium near soccer, track and tennis. The proposed facility will consist of an eight-lane 50 meter pool that can be converted into a 25 meter pool and full platform diving well via a bulkhead.

The facility offers a great opportunity to be shared with the local community. The space can be rented to local clubs for daily use and the hosting of tournaments, which can generate revenue for the university.



Figure 4.46
The key plan locates the existing Waranch Tennis Complex just south of existing rec fields

TENNIS

WHAT WE HEAR...

efficiency Courts are shared with campus recreation but not an issue.

recruiting Loosing recruits to in-state programs with indoor practice facilities.

accessibility A larger academic center and better training table is desired.

functionality The Tennis Clubhouse and repaved outdoor courts function well for UNT Tennis. The main need is an Indoor Tennis facility.

The Tennis Program is located at the Waranch Tennis Complex. The facility includes 12 outdoor courts and team clubhouse. Tennis shares the courts with campus recreation but a reservation system ensures that Intercollegiate Tennis practice and competition time are a priority. The courts and clubhouse are adequate. The Tennis Program's main request is an Indoor Practice Facility.

EXISTING CONDITION



- 1 Tennis clubhouse
- Outdoor Tennis courts

Figure 4.47 Existing Tennis Clubhouse, Outdoor Courts.

LONG-TERM TENNIS

- New Indoor Tennis Courts
- 2 Existing Outdoor Tennis Courts



Figure 4.48
Proposed New Indoor Tennis Courts and Existing Outdoor Tennis Courts

Multiple Indoor facility options were studied ranging from an air supported fabric structure over 3 of the existing courts to a pre-engineered metal building over new courts. The air supported fabric structure would have been the most cost effective option, but has several significant issues for a competition court, such as reduced overhead clearance at the edges of the courts and a lack of covered spectator areas. For these reasons, the pre-engineered building over new tennis courts was the Steering Committee proposed solution with the understanding that the final design will be dictated by available funds at the time of construction.

The indoor facility offers a great opportunity to be shared with the local community. The space can be rented to local clubs for daily use and the hosting of tournaments, which can generate revenue for the university.



Figure 4.49
The current Eagle Point existing site plan highlighting the nearly 1,700 parking spaces.

PARKING

WHAT WE HEAR...

campus parking UNT is focusing on increasing campus parking as part of this effort in conjunction with the Athletic Master Plan.

gameday parking

Dedicated tailgate focused parking adjacent to the west side of Apogee Stadium is desired to enhance the fan experience on gameday.

The steering committee requested the Athletic Master Plan team review the parking strategies at Eagle Point for each phase of the Athletic Master Plan.

With the addition of the parking lot south of Victory Hall and new parking at the Soccer and Track Stadium, the understood existing site plan will include nearly 1,700 parking spaces. There are roughly 350 spaces around Apogee Stadium with another 180 spaces in the Mean Green Village.

Parking is reserved for Faculty / Staff, Resident Students, and Eagle Commuters, however on home football weekends these lots turn into gameday parking with overflow directed to the open green spaces around the site.

SHORT-TERM PARKING



Figure 4.50 The Short-Term parking plan focuses on supporting the new Indoor Practice Facility and Athletic Center Expansion by adding two new lots just south of Victory Hall. This expansion will also establish new parking opportunities for fans on game-day who previously tailgated in grass lots.

SHORT-TERM GOALS	
EXISTING	1,667
SHORT-TERM	621
TOTAL	2,288

MID-TERM PARKING



Figure 4.51
The plan above is an enlarged plan showing Phase 1 of the Tailgate Park.

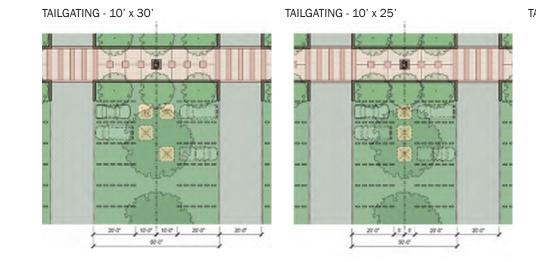
The Mid-Term parking plan includes adding the first phase of parking specifically designed to promote gameday tailgating. This new tailgate lot is proposed in the open area north of Softball and west of Apogee Stadium. The proposed plan provides a pedestrian collector pathway crosses Bonnie Brae aligned with the entrance to the Athletic Center, while the vehicular drive exits are pushed to the edges to reduce cross traffic.

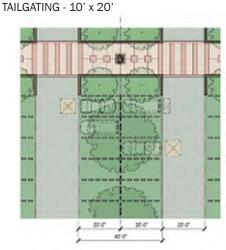
In addition, the proposed plan provides a synthetic turf tailgate park within the Lovelace Stadium Complex that could be used for Softball practice the rest of the year.

The diagrams below show different tailgate parking options. The 10'x30' space provides enough room for a car and a standard tailgate tent thus moving the tailgaters out of the drive lane. The 10'x25' shares the tent area between two parking spaces. Last the 10'x20' shows a typical parking bay option with the tents set up in the drive aisle.

Figure 4.51.1-3 (below)

Depending on the ratio of parking options chosen from the diagrams on the opposite page, Phase 1 of the tailgating park that is included in the Mid-Term Master Plan could accommodate between 626 & 784 spaces.





MID-TERM PARKING





Figure 4.52
The plan to the left shows the Mid-Term Athletic Master Plan with the parking areas highlighted.

The plan above is an enlarged plan showing the small parking lot at the Baseball Facility

The plan to the right shows the proposed parking for the new Arena.

MID-TERM GOALS	
EXISTING	1,667
SHORT-TERM	621
MID-TERM	1,144
TOTAL	3,432

The Mid-Term parking plan also adds parking for the two new venues within the site. The plan below shows the addition of 430 spaces for the New Arena. As indicated in the chart below 430 spaces is only about a quarter of the parking required for a 6,000-seat Arena however this lot would handle smaller events and take care of the VIP parking needs for large crowds. Additional parking would be required for large events by either utilizing the nearby pedestrian bridge or within Eagle Point.

The small parking lot provided at the Baseball Stadium is intended for team facility use. Game parking for 1,500-seats would need to utilize the tailgate lots or Track and Soccer lot.



ARENA TOTALS				
WALK	1,000	0	0	
VIP	500	2	250	
GENERAL	4,500	2.5	1,800	
TOTAL	6,000		2,050	

LONG-TERM PARKING





Figure 4.53
The plan to the right shows the Long-Term Athletic Master Plan with the parking areas highlighted.

The plan above is an enlarged plan showing the sponsor's park in the center of the tailgate parking.

Depending on the ratio of parking options chosen from the diagrams on the opposite page, Phase 2 of the tailgating park could accommodate between 870 & 1,092 spaces.

LONG-TERM GOALS	
EXISTING	1,487
SHORT-TERM	621
MID-TERM	1,144
LONG-TERM	966
	4 04 0
TOTAL	4,218

The Long-Term parking plan expands the Tailgate park south along west side of Bonnie Brae. The proposed option adds an additional 950+ parking spaces to the tailgating area. The park in the center of the tailgating area is an expansion of the park from phase 1. It is provided as a congregation area with sponsor and group activities. The concession and restroom facility from Lovelace Stadium could be left in place and opened to tailgater's.

The proposed expansion of this parking area required the relocation of a number of facilities in the Mean Green Village including the Softball Stadium, Soccer Practice Field, old Academic Center, Child Development Lab, and Ernie Kuehne Practice Facility. The parking could be worked around some of these facilities if required.

Figure 4.54
Phase 1 of tailgate parking becomes a branding opportunity for UNT athletics on game-day and offers an upgraded parking option

Figure 4.55
Phase 2 of tailgate parking preserves an existing bathroom and concession building from Lovelace Softball stadium as a convenience to fans on game-day







