



 SLAM



## UNIVERSITY OF TENNESSEE

SHERRI PARKER LEE SOFTBALL STADIUM RENOVATIONS STUDY



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# 1

# EXECUTIVE SUMMARY

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## PROJECT BACKGROUND

Sherri Parker Lee Stadium is the home of the Lady Vol's Softball program. Since the 2008 stadium opening, the team's staff sizes have increased and the Lady Vols recognize the importance to exceed their SEC peers in recruiting and promoting top-notch facilities.

The site of the existing facility is located on the west side of the River District that is also the home to Tennessee's Soccer Stadium, Volleyball Practice Facility and other campus facilities. The west side of the stadium is bordered by two separate rail lines, limiting area for development. The Lady Vols' existing team operation center has optimal adjacencies next to Sherri Parker Lee Stadium, but is in need of expansion and renovation.

The existing hitting facility features 4 batting cages and pitching lanes. The structure of the hitting facility originally included the exterior canopy and walls were added later to enclose the space, but was never intended to be a permanent interior space. The feasibility study benchmarked peer practice facilities and investigated ways to expand and create a long-term plan for Tennessee's indoor practices.

Many SEC programs have developed state-of-the-art indoor practice facilities featuring full infield areas. These indoor practice facilities allow the teams to practice during inclement weather with a climate-controlled, private space to have a full team practice.

The focus of the stadium renovation study includes:

- adding the indoor infield and associated drop down batting cages
- maintaining two dedicated cages that can function for pitching and hitting
- expanding team spaces such as locker room, mudroom, equipment
- adding coaches offices and staff lockers and meeting spaces
- add strength & conditioning space

While meeting with Athletic and Campus representatives, the design team looked at options for a separate indoor practice space or an all-inclusive indoor infield with retractable nets for hitting and pitching functions. The team ultimately developed concepts to expand the footprint in the usable site area while reusing and renovating the existing building. The existing team spaces were rearranged to increase square footage, as needed.

The building expansion plan provides much needed additional space, maintains the optimal adjacency to the softball stadium, and preserves the team's privacy in the expanded indoor practice areas. These expanded amenities will allow the Lady Vols program to continue competing at the highest level in the country and to develop top-notch student-athletes.

## PROJECT STAKEHOLDERS

### **UNIVERSITY OF TENNESSEE**

Ryan Alpert – Athletics, Deputy AD/Chief Operating Officer

Kevin Zurcher – Athletics, Associate AD of Facilities and Capital Projects

Karen Weekly - Head Coach

Tara Brooks - Associate Athletics Director of Administration

Mike Cate – Design and Construction, Assistant Director – Project Management

Bethany Morris – Facilities Services, Project Manager - Landscape Design

### **THE S/L/A/M COLLABORATIVE**

Marc Clear – Project Manager

Dane Hawthorne – Lead Designer

Mike Holleman – Planner/Programmer

Jorge Saravia - Designer

INDOOR INFIELD PRACTICE FACILITY



LEVEL 2 OFFICE LEVEL OVERLOOKING THE CAGES AND INDOOR INFIELD





STRENGTH + CONDITIONING ENTRY



COACHES OFFICE WITH OVERLOOKING BALCONY



STRENGTH + CONDITIONING WITH VIEWS INTO THE HITTING CAGES





# 2

# PROGRAM + BENCHMARKING

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While meeting with coaching staff and Athletics and Campus representatives, the design team documented key needs for the expansion and renovation master plan, including:

- An indoor practice facility with a full infield
- A direct connection between the team locker room and sports medicine
- Additional staff offices and meeting spaces
- Covering the home bullpen with a future building addition

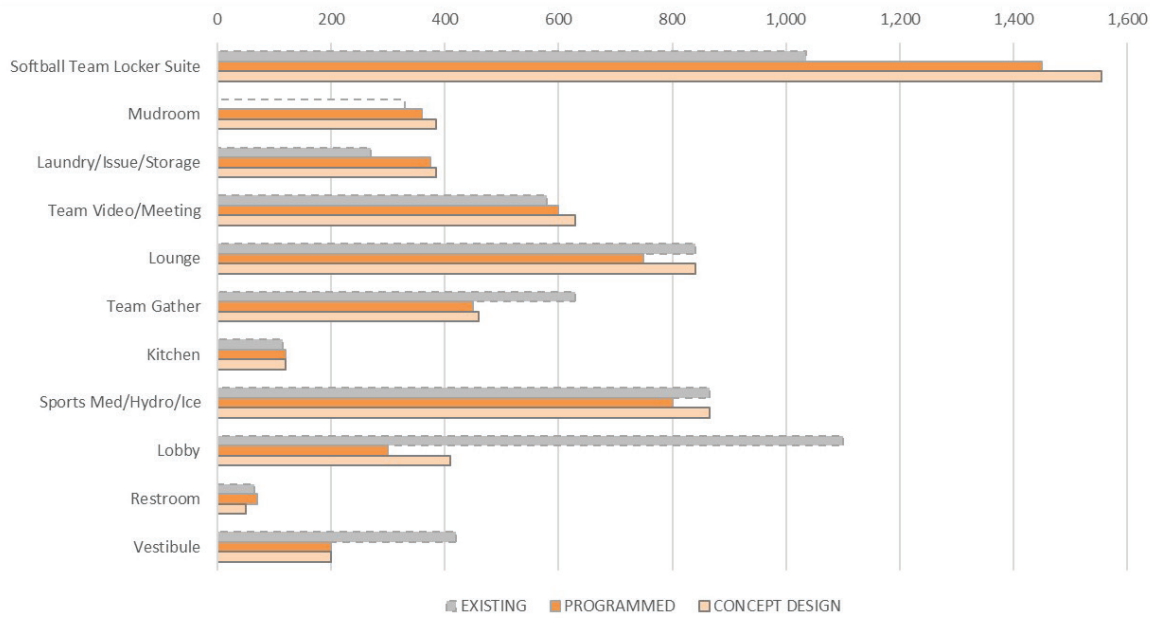
The program developed on the following pages represents new sizes of each space that match the project goals.

Program										NEW PROGRAM			EXIST	DIFF
Room Name	Unit			EXT	NSF			DSF		GSF		NSF Total	NSF Total	
	Count	X	Y		Each	Quanti	Total	%	Total	%	Total			
<b>SOFTBALL</b>														
<b>Softball Team</b>														
Locker Area	30	2.5	8		600	1	600	15%	690	20%	828	320	-280	
Team Gather	30	7	1		210	1	210	15%	242	20%	290	0	-210	
Make-up vanity	4	5	6		120	1	120	5%	126	20%	151	120	0	
Showers	4	4	10		160	1	160	5%	168	20%	202	120	-40	
Toilets	4	5	7		140	1	140	5%	147	20%	176	195	55	
Lavs / Grooming Area	4	4	10		160	1	160	5%	168	20%	202	195	35	
Vestibule	1	6	10		60	1	60	15%	69	20%	83	205	145	
							<b>1,450</b>	<b>1,610</b>		<b>1,931</b>		<b>1,155</b>	<b>-295</b>	
<b>Softball Team Support</b>														
Mudroom	30	1.5	8		360	1	360	5%	378	20%	454	330	-30	
Laundry/Issue/Storage	1	25	15		375	1	375	5%	394	20%	473	270	-105	
Team Video/Meeting	30	2.5	8		600	1	600	5%	630	20%	756	580	-20	
Lounge	30	25	1		750	1	750	5%	788	20%	945	840	90	
Team Gather	30	15	1		450	1	450	5%	473	20%	567	630	180	
Kitchen	1	12	10		120	1	120	5%	126	20%	151	115	-5	
Sports Med/Hydro/Ice	16	50	1		800	1	800	5%	840	20%	1,008	865	65	
Lobby	10	30	1		300	1	300	5%	315	20%	378	1,100	800	
Restroom	1	7	10		70	1	70	5%	74	20%	88	65	-5	
Vestibule	1	10	20		200	1	200	5%	210	20%	252	420	220	
							<b>4,025</b>	<b>4,226</b>		<b>5,072</b>		<b>5,215</b>	<b>1,190</b>	

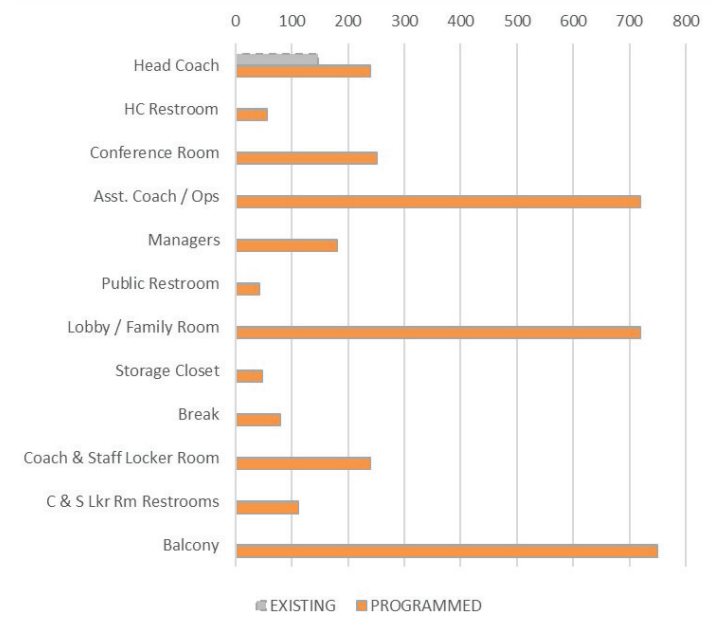
Program										NEW PROGRAM		EXIST	DIFF
Room Name	Unit			EXT	Each	Quanti	NSF Total	%	DSF Total	%	GSF Total	NSF Total	NSF Total
	Count	X	Y										
<b>Softball Staff</b>													
Head Coach	1	12	20		240	1	240	15%	276	20%	331	147	-93
HC Restroom	1	7	8		56	1	56	15%	64	20%	77	0	-56
Conference Room	12	3	7		252	1	252	15%	290	20%	348	0	-252
Asst. Coach / Ops	1	12	12		144	5	720	15%	828	20%	994	0	-720
Managers	5	6	6		180	1	180	15%	207	20%	248	0	-180
Public Restroom	1	7	6		42	1	42	15%	48	20%	58	0	-42
Lobby / Family Room	12	30	1		360	2	720	15%	828	20%	994	0	-720
Storage Closet	1	6	8		48	1	48	15%	55	20%	66	0	-48
Break	1	8	10		80	1	80	15%	92	20%	110	0	-80
Coach & Staff Locker Room	15	2	8		240	1	240	15%	276	20%	331	0	-240
C & S Lkr Rm Restrooms	1	7	8		56	2	112	15%	129	20%	155	0	-112
Balcony	1	50	15		750	1	750	15%	863	20%	1,035	0	-750
							<b>2,578</b>		<b>2,965</b>		<b>3,558</b>	<b>147</b>	<b>-2,431</b>
<b>Softball Player Development</b>													
Batting Cages	1	20	60		1,200	2	2,400	5%	2,520	20%	3,024	4,320	1,920
Pitching Lanes (shared w/ BC)		10	60		0	1	0	5%	0	20%	0	0	0
Full Infield	1	100	100		10,000	1	10,000	5%	10,500	20%	12,600	0	-10,000
Storage	1	18	30		540	1	540	5%	567	20%	680	0	-540
Strength & Conditioning	25	100	1		2,500	1	2,500	5%	2,625	20%	3,150	0	-2,500
							<b>15,440</b>		<b>16,212</b>		<b>19,454</b>	<b>4,320</b>	<b>-11,120</b>
<b>SOFTBALL TOTALS</b>							<b>23,493</b>		<b>25,012</b>		<b>30,015</b>	<b>10,837</b>	<b>-12,656</b>
<b>Strength &amp; Conditioning</b>													
Power Racks	6	12	16		1,152	1	1,152	10%	1,267	20%	1,521	2,350	1,198
Open Floor Equipment	1	30	25		750	1	750	10%	825	20%	990	2,220	1,470
Cardio	1	10	20		200	1	200	10%	220	20%	264	0	-200
Turf / plyo area	1	40	20		800	0	0	10%	0	20%	0	1,180	1,180
S&C office	1	12	12		144	0	0	15%	0	20%	0	117	117
Toilets Showers Men / women	1	8	8		64	0	0	15%	0	20%	0	0	0
Storage	1	10	15		150	1	150	15%	173	20%	207	130	-20
							<b>2,252</b>		<b>2,485</b>		<b>2,982</b>	<b>5,997</b>	<b>3,745</b>

The charts below illustrate the existing square footage compared to the proposed square footage by program component.

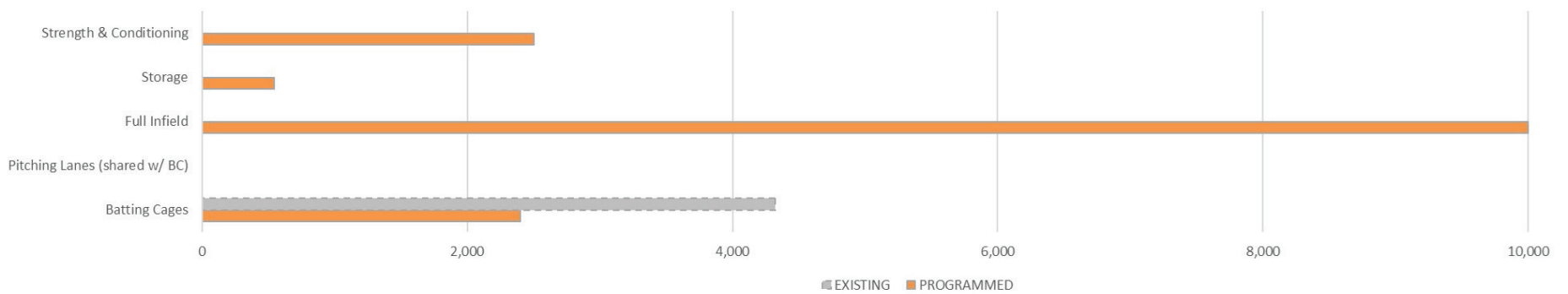
### Level 1



### Level 2



### Player Development





Throughout the benchmarking process, the design team analyzed SEC peers by evaluating their stadium size, number of hitting cages and pitching lanes, as well as if they have a weight room adjacent to their stadium. The SEC is leading the country with indoor infields as a recruiting advantage.

SEC SCHOOL	# SEATS	# OF CAGES	Weight room at stadium
Florida	2,800	4	N
Georgia	1,400	*4	*Y
Kentucky	2,117 *	4 (infield)	N
Mizzou	2,600		N
South Carolina	1,400	4	N
Alabama	3,940	3	N
Arkansas	1,200	4 (infield) + 1	N
Auburn	2,316	6 (infield)	N
LSU	2,671	5 (infield)	Y (1,279 SF)
Ole Miss	1,000	3	N
Miss State	1,100	6	N
Texas A&M	2,200	4	N
Texas	2,400	3	N
Oklahoma	1,378	4 (infield)	N
Tennessee	2,200	4	N
<b>AVERAGE</b>	<b>2,150+</b>	<b>4</b>	<b>N</b>



Texas



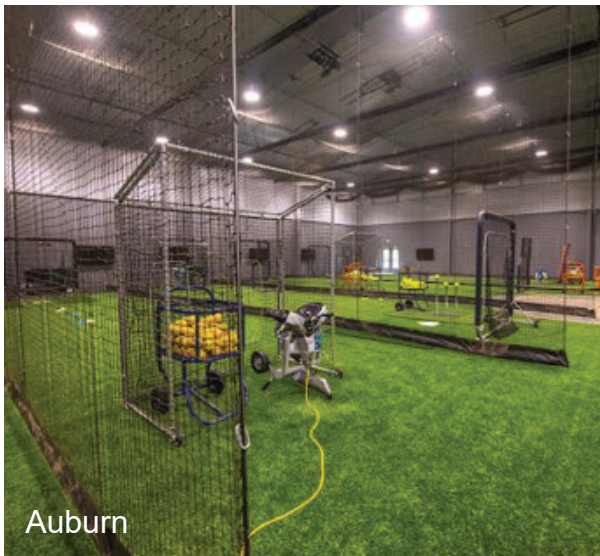
South Carolina



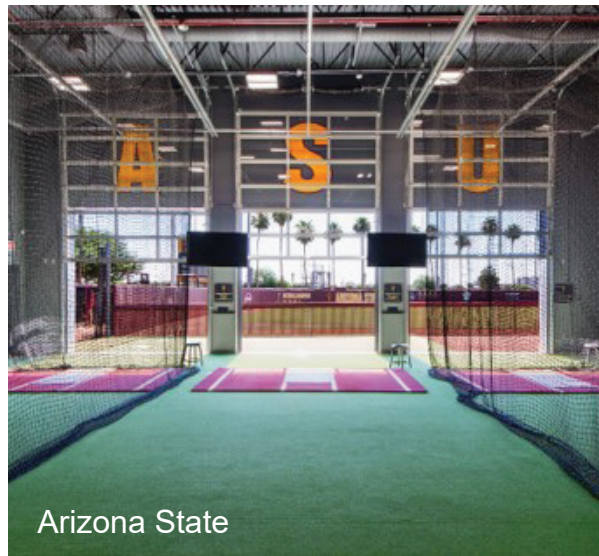
Kentucky



LSU



Auburn



Arizona State



Alabama



# 3

# SITE PLANNING + DESIGN CONCEPTS

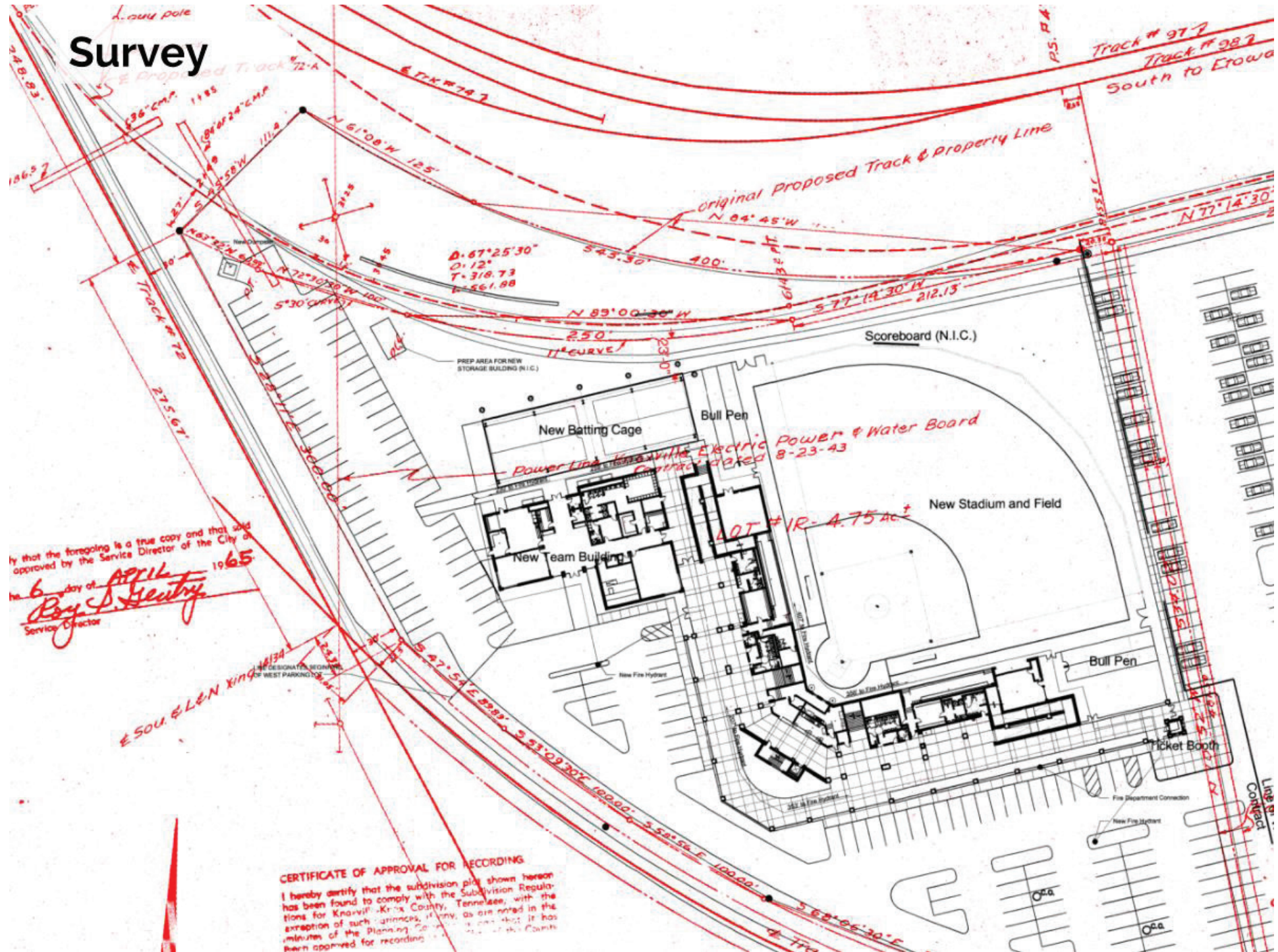
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## SITE PLANNING

The site of the existing facility is located on the west side of the River District that is also the home to Tennessee's Soccer Stadium, Volleyball Practice Facility and other campus facilities. The west side of the stadium is bordered by two separate rail lines, limiting area for development. The Lady Vols' existing team operation center has optimal adjacencies next to Sherri Parker Lee Stadium, but is in need of expansion and renovation.

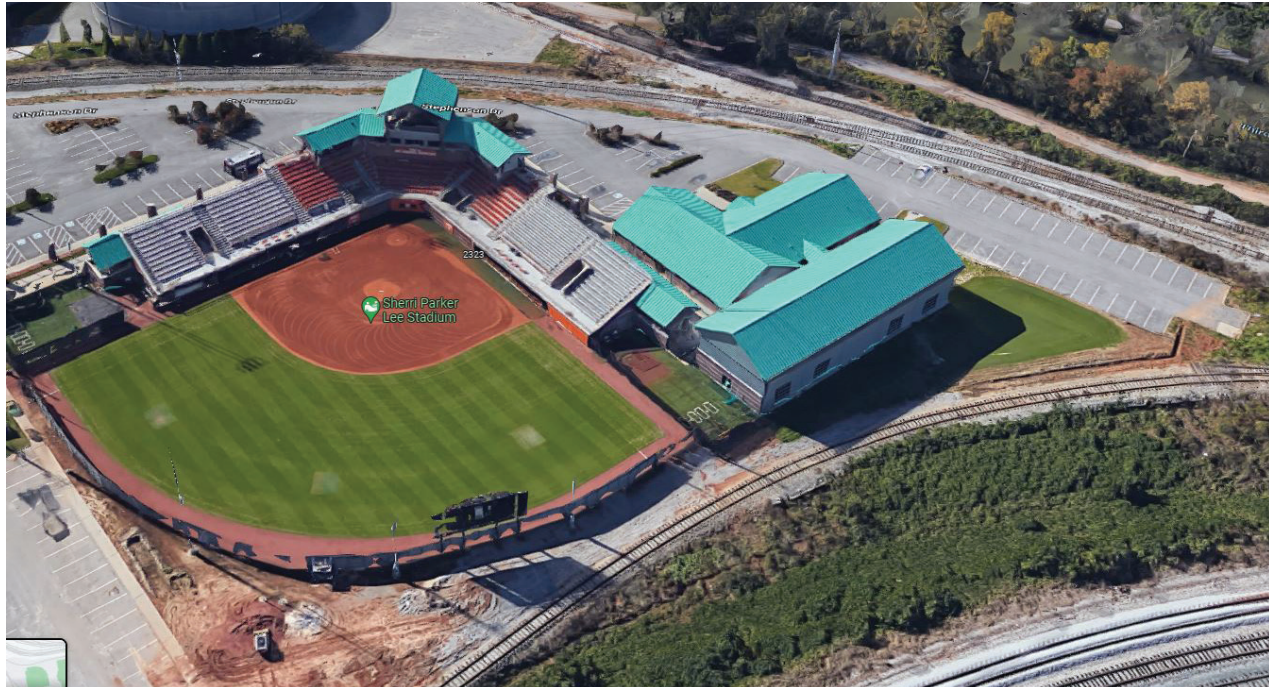
The northwestern parking area west of the existing batting cages was identified as a potential expansion site to allow the needed space for an indoor infield.

# Survey



ly that the foregoing is a true copy and that said approved by the Service Director of the City of  
 the 6 day of APRIL 1965  
*Ray S. Gentry*  
 Service Director

**CERTIFICATE OF APPROVAL FOR RECORDING**  
 I hereby certify that the subdivision plat shown hereon has been found to comply with the Subdivision Regulations for Knoxville, Knox County, Tennessee, with the exception of such ordinances, if any, as are noted in the minutes of the Planning Commission of this County when approved for recording.



# DESIGN CONCEPTS

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## OVERVIEW

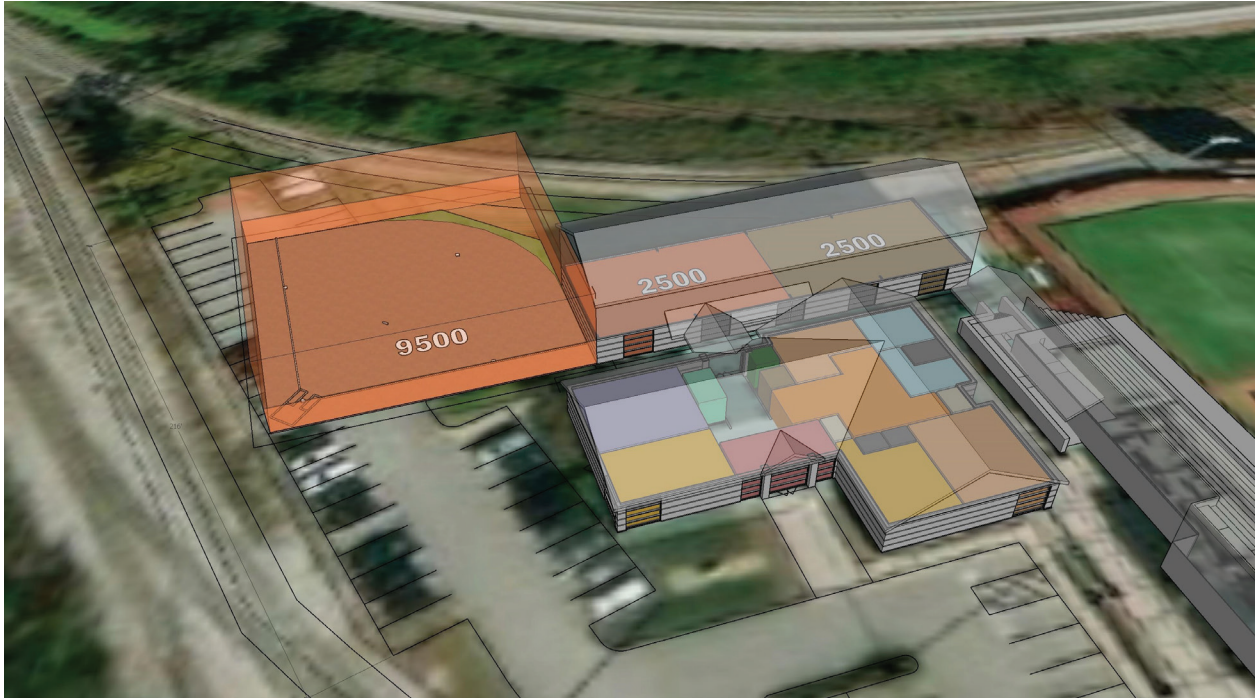
Throughout the planning process, the design team focused on these shared approaches:

- Locate a new indoor practice infield in the NW portion of the site, north of existing team spaces and west of existing batting cages
- The existing team building would be renovated and reorganized to remove the coaches' office space and expand team spaces
- Building and stadium entry would remain as-is

Various approaches were explored that also added strength & conditioning, coaches' offices, coaches' meeting space, and additional storage. New cages were explored in various configurations for the batting cages and pitching lanes. Concepts ranged from all hitting cages and pitching lanes shared within the indoor infield via drop down nets to concepts that add or maintain between 1 and 4 additional cages/lanes.

Design schemes were developed to renovate or replace the existing batting cage structure. Most concepts involved updating and conditioning the existing structure to renovate the building for other uses. One scheme explored leaving the cages as-is, while another scheme replaced the structure with a new building. All concepts showing renovation or replacement of the hitting cages include an option to extend an upper office level to the East. The upper office expansion provides cover to a portion of the existing bullpen and provides excellent views of Sherri Parker Lee Stadium.

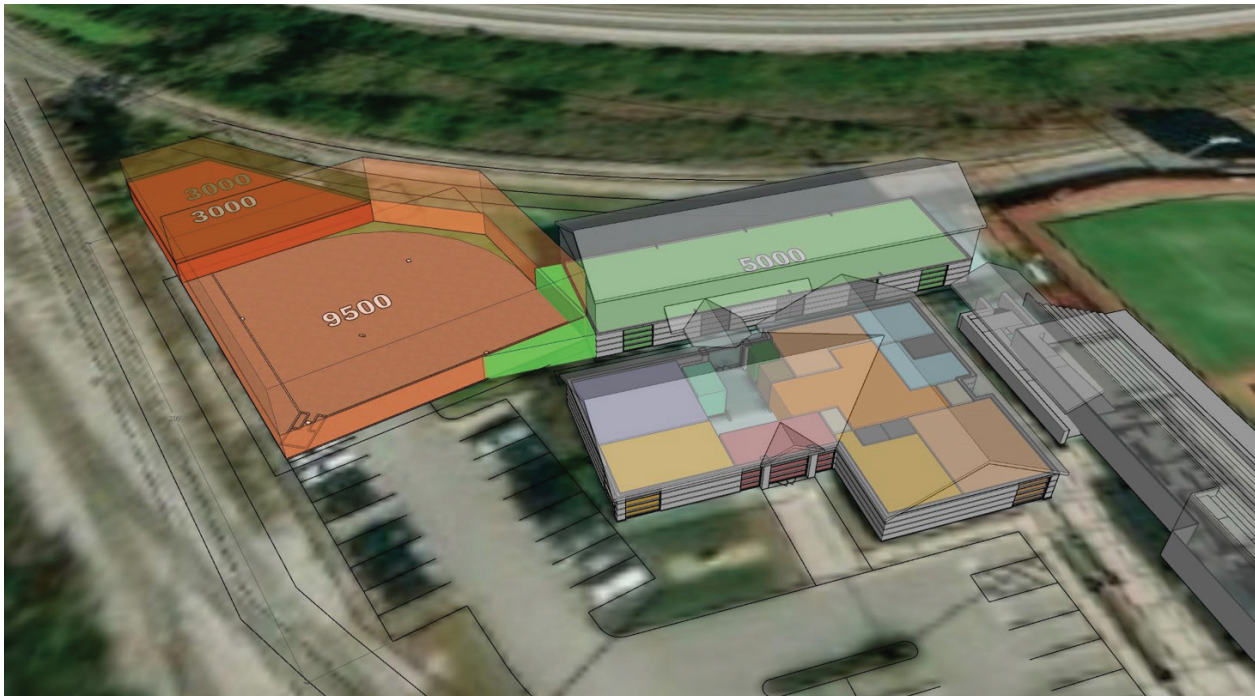
Anticipated costs were applied to each option.



## Scheme 01. Indoor addition

This option explores options to renovate the team building within existing footprint, including:

- Adding an indoor infield
- Renovating the western portion of batting cage building to S&C
- Renovating the eastern portion of batting cage to a smaller (2500sf) coaching office suite.



## Scheme 02. Leave Cage

This option renovates the team building within the existing footprint, including:

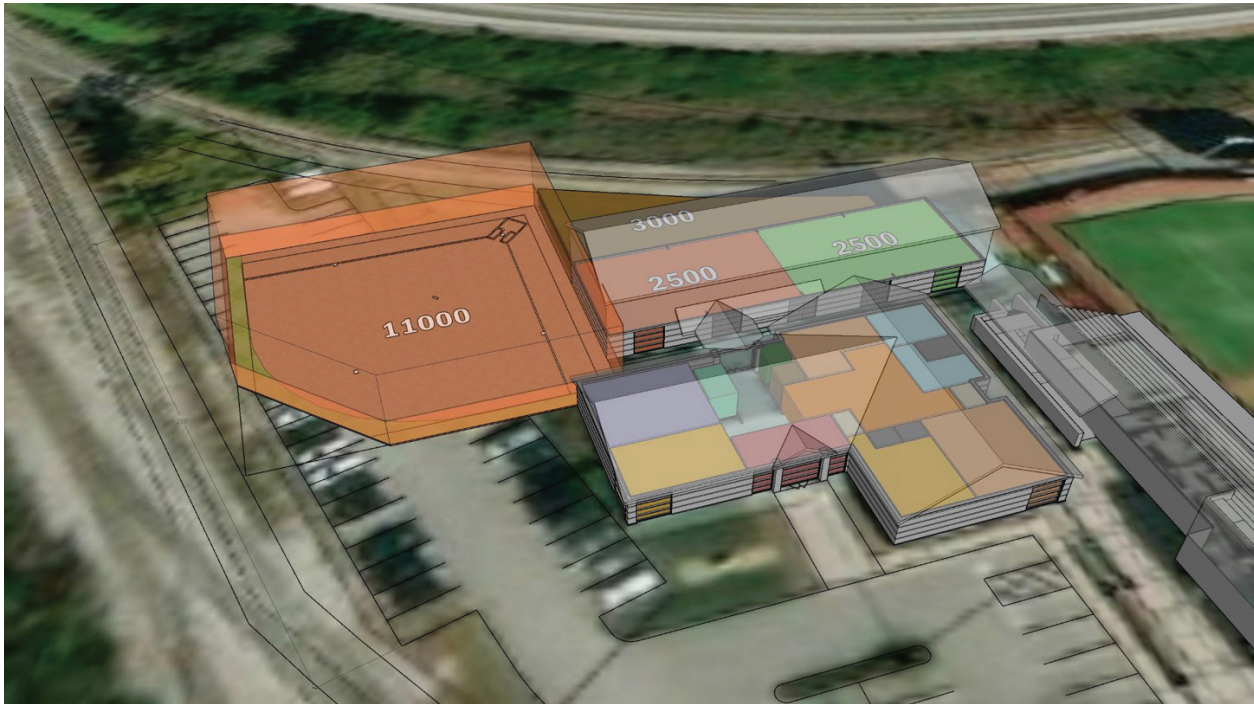
- Adding an indoor infield
- Leaving the existing batting cage building as-is
- Adding S&C on Level 1, and coaches' suite on Level 2, north of the indoor infield to provide direct access from S&C to the indoor infield and to overlook the indoor infield



## Scheme 03. Medium

This option explores options to renovate the team building within existing footprint, including:

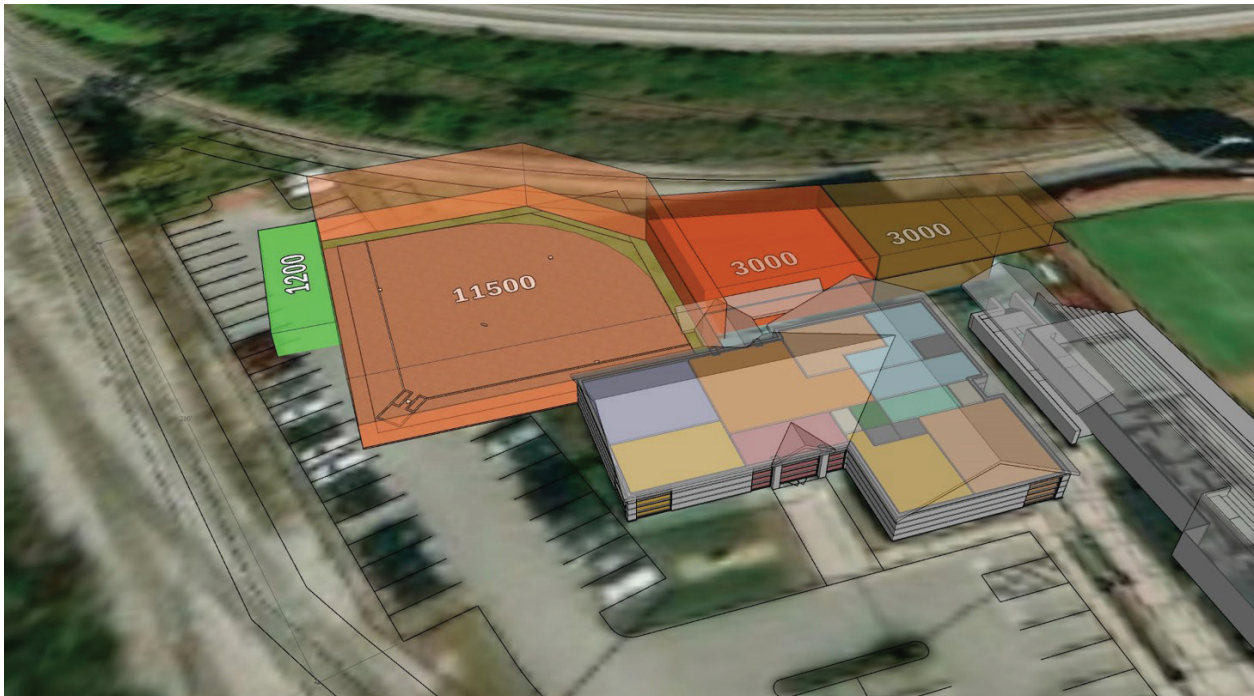
- Adding an indoor infield
- Leaving the eastern portion of batting cage building as-is
- Renovating the western portion of batting cage building to become S&C with direct access to the indoor infield
- Adding a coaches' office suite north of S&C



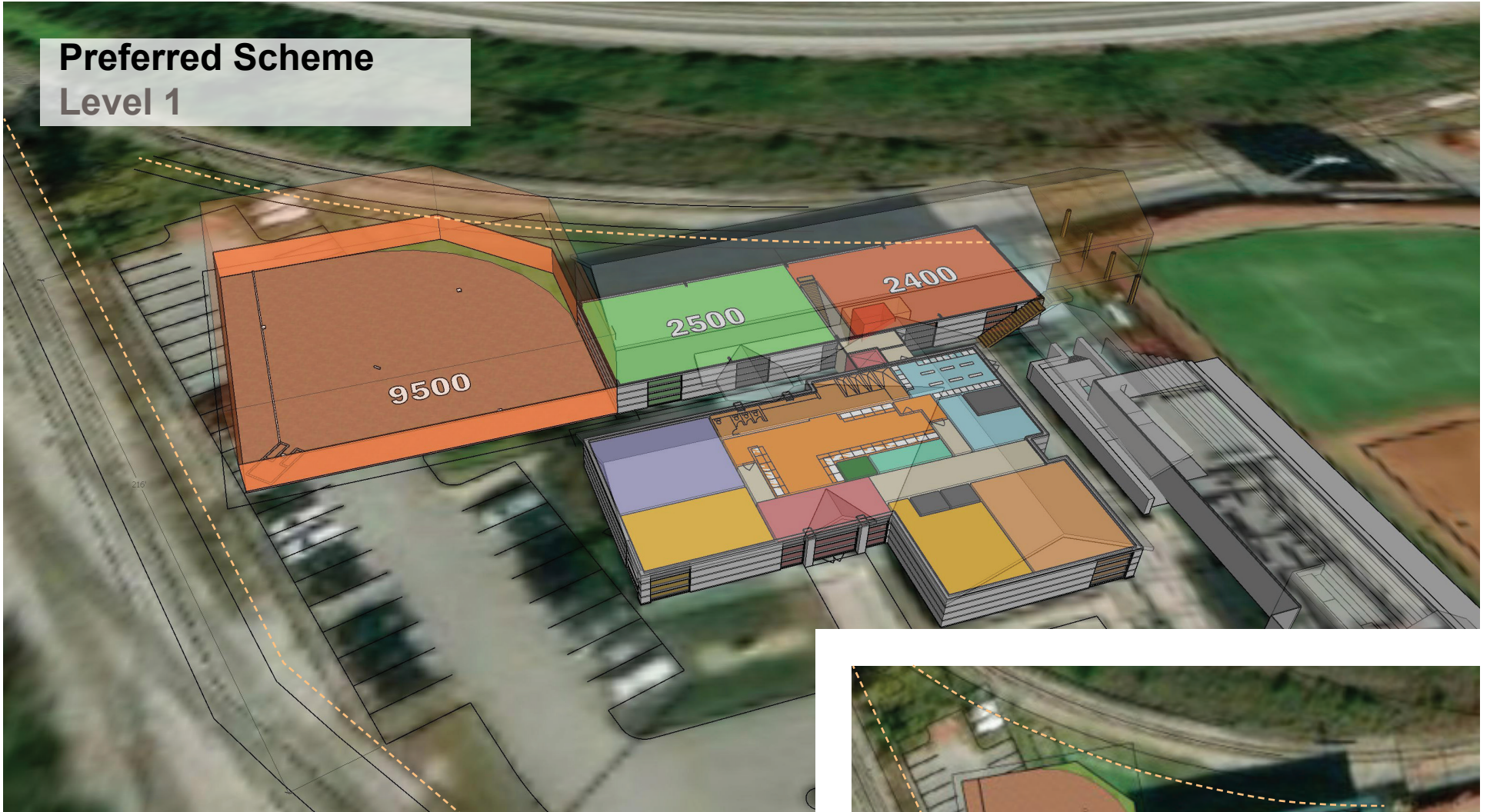
## Scheme 04. Full Rebuild





This option renovates the team building within the existing footprint, including:

- Adding an indoor infield
- Adding one additional cage/lane
- Replacing the batting cage building with a new building containing S&C on west side with direct access to indoor infield. The 2-level coaches' office suite on east side provides cover to the bullpen and views of Sherri Lee Parker Stadium.

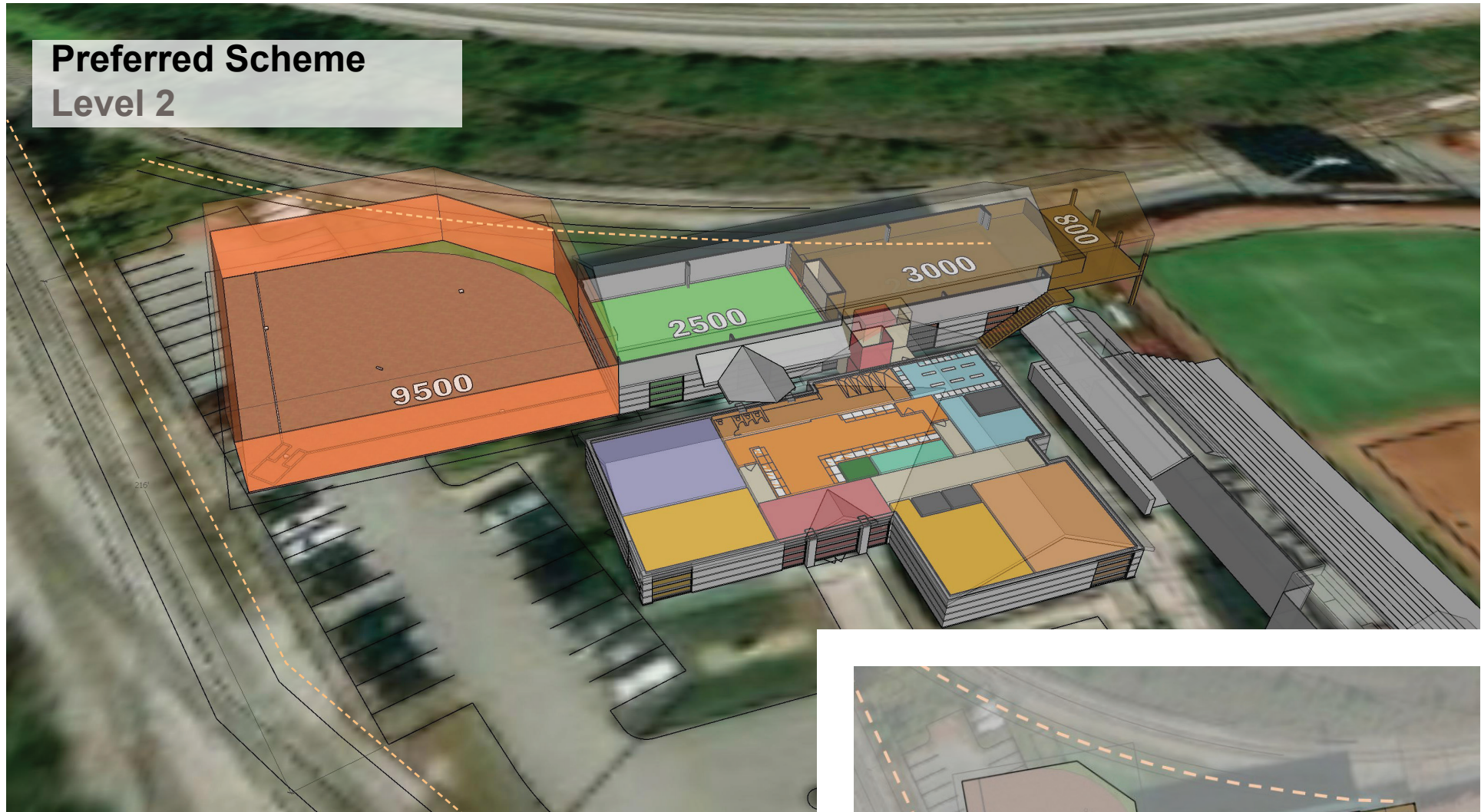


# Preferred Scheme Level 1



-  Indoor Facility
-  S&C
-  Cages
-  Offices

# Preferred Scheme Level 2



- Indoor Facility
- S&C
- Cages
- Offices

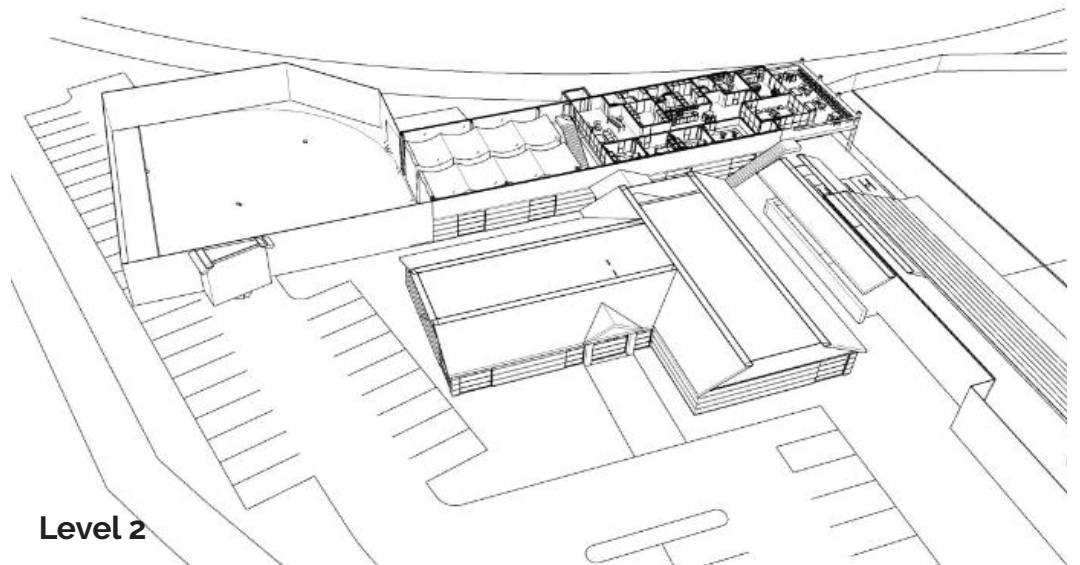
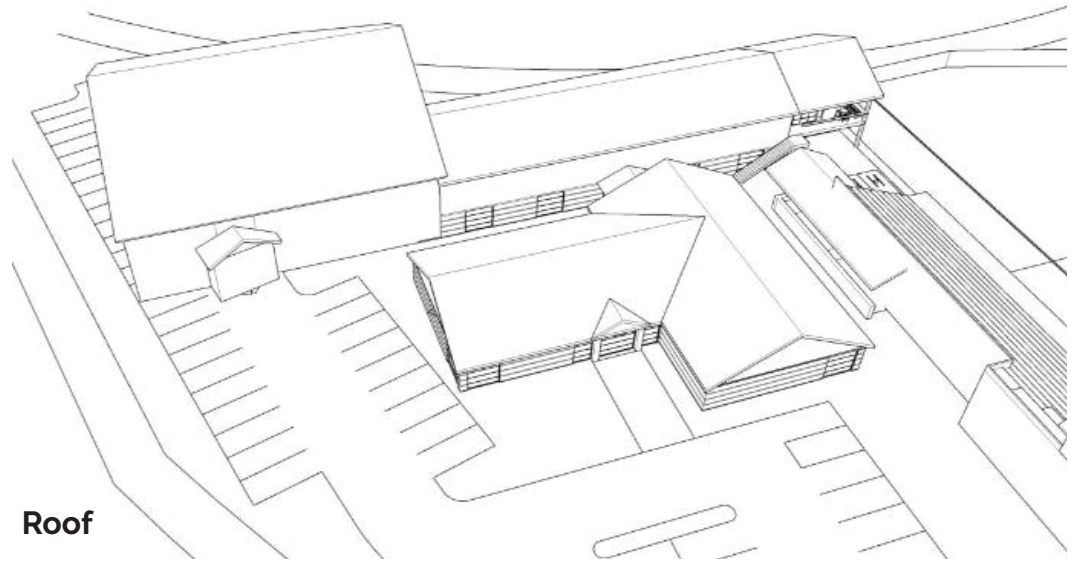


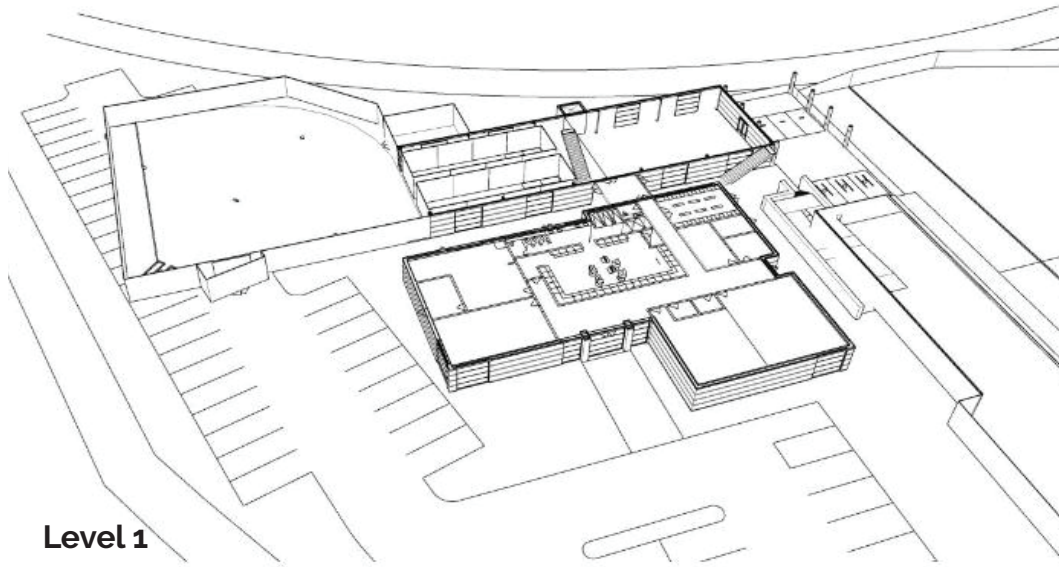
# Birds Eye Plan Perspectives

**Roof** - The new indoor infield and coaches balcony additions mimic the sloped roofs of the existing facility.

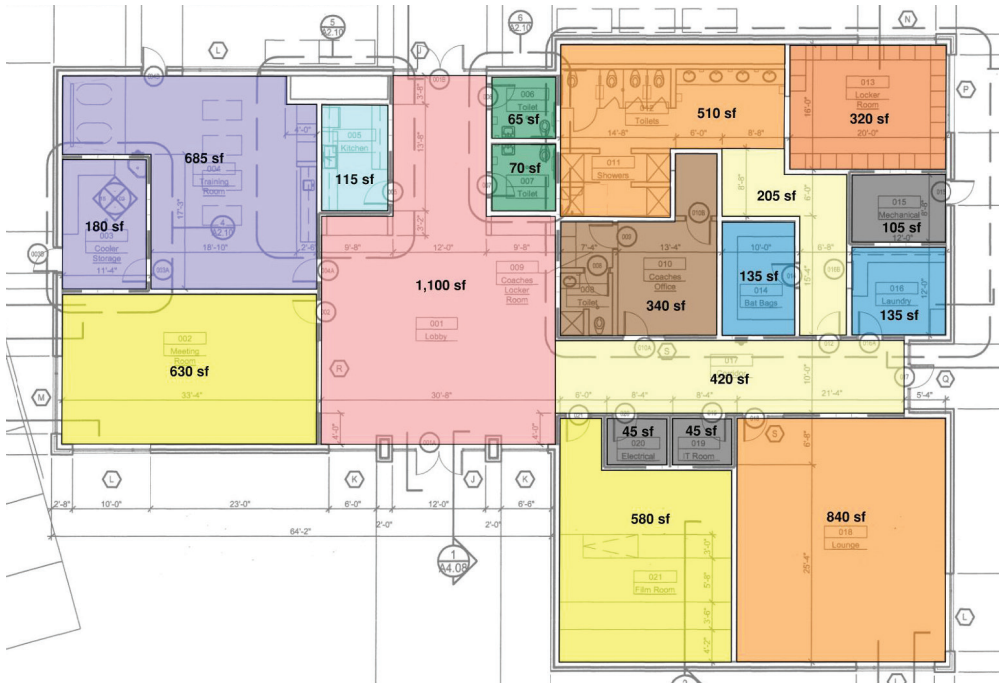
**Level 2** - A new coaches' office suite on the second level overlooks the cages and indoor infield to the West and Sherri Lee Parker Stadium to the East.

**Level 1** - The existing locker room and team building is adjacent to cages and the new indoor infield and strength & condition center via connecting vestibule.





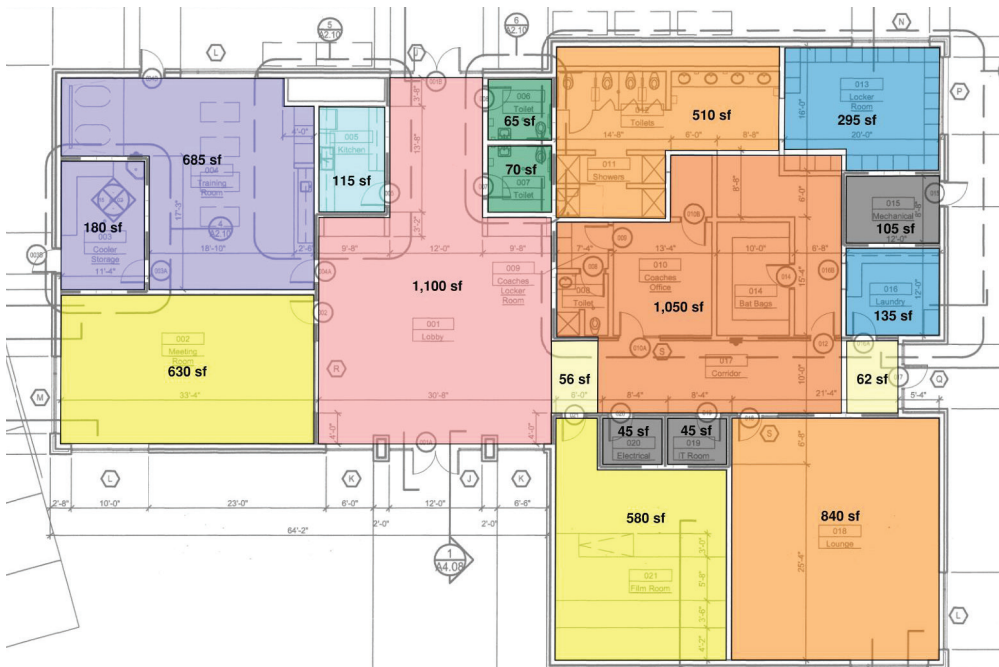
**Level 1**



- Locker Room
- Locker T&S
- Equipment
- Coaches
- Corridor
- MEP
- Lounge
- Meet
- Lobby
- Restrooms
- Kitchen
- Sports Med

## Existing Plan

The existing building configuration includes a lobby space that is too large, a locker room that is too small, and the sports medicine area is disconnected from the team locker room.



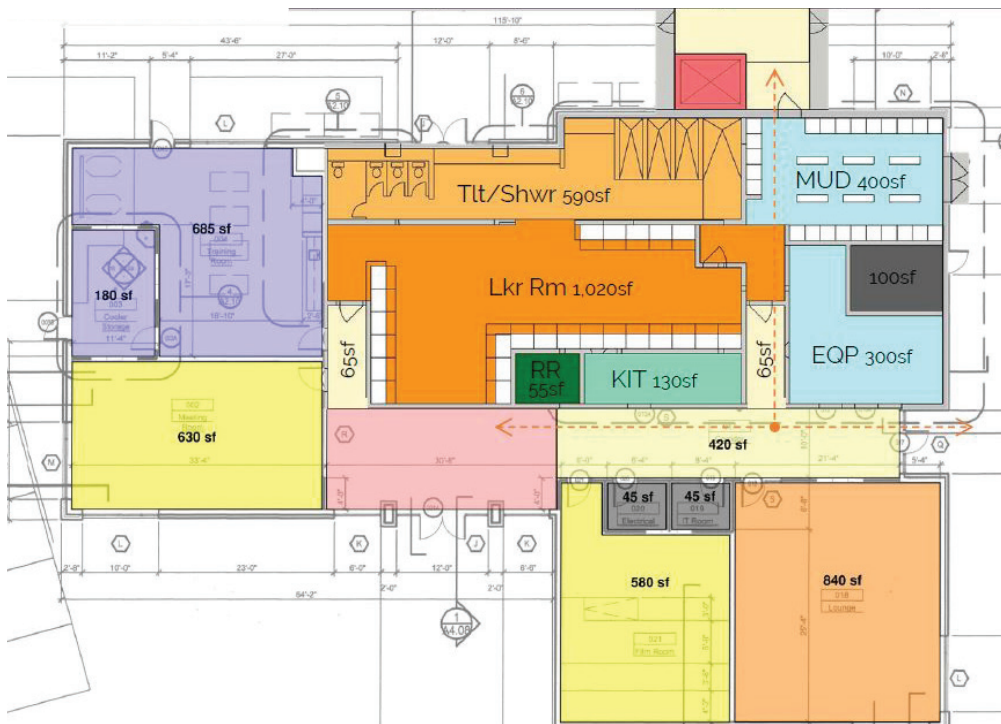
## Reconfigured Plan

The reconfigured floor plan provides hallway access to the hitting cages and pitching lanes. This floor plan also includes an expanded locker room, mudroom, and equipment room.



## Open Corridor 1 Plan

The open corridor 1 plan maintains the pathway from the lobby to the field and hitting cages / pitching lanes.

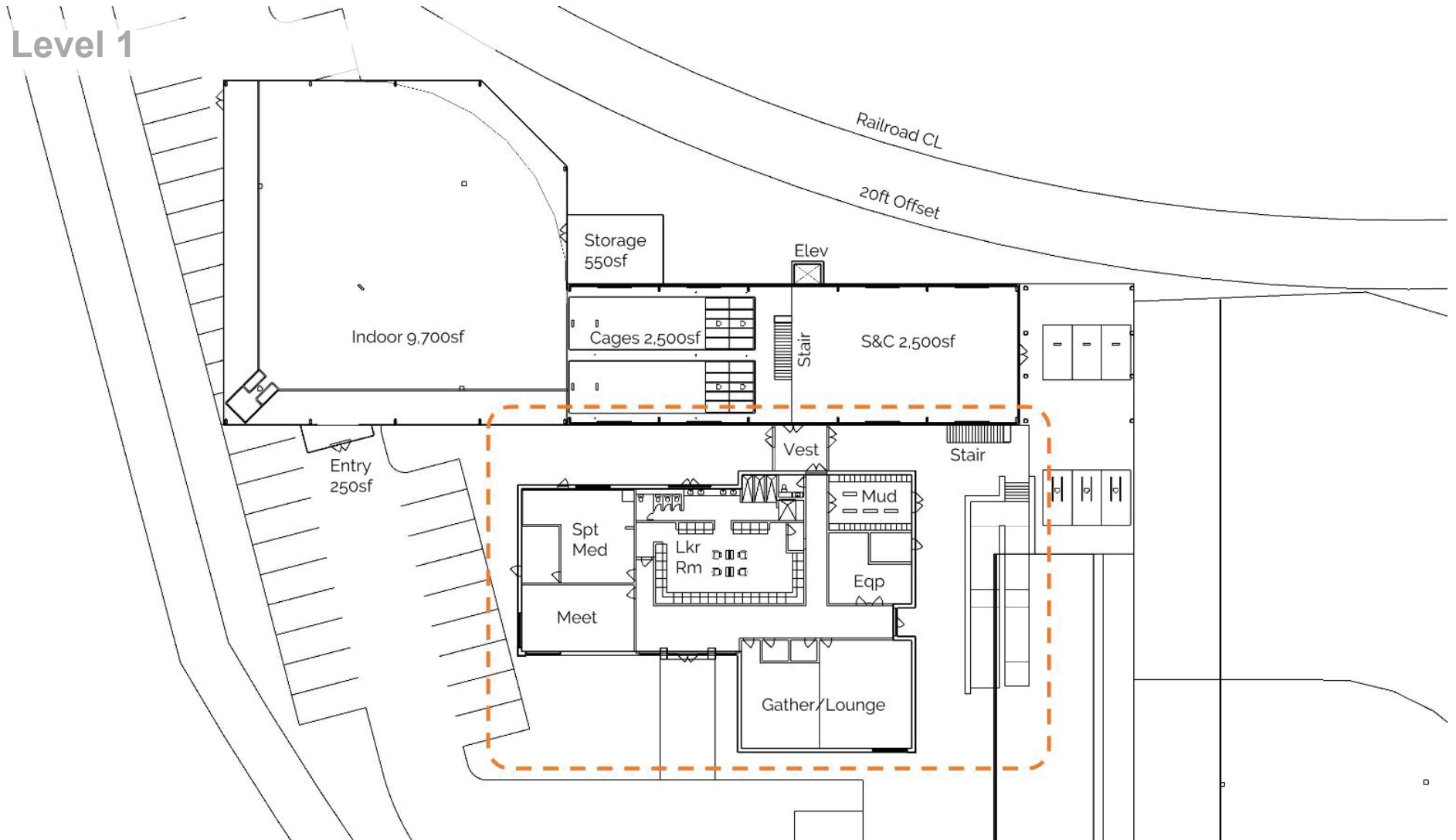


## Open Corridor 2 Plan

The open corridor 2 plan maintains a direct path for field access from the locker room, as well as access to the cages through the mudroom and vestibule.

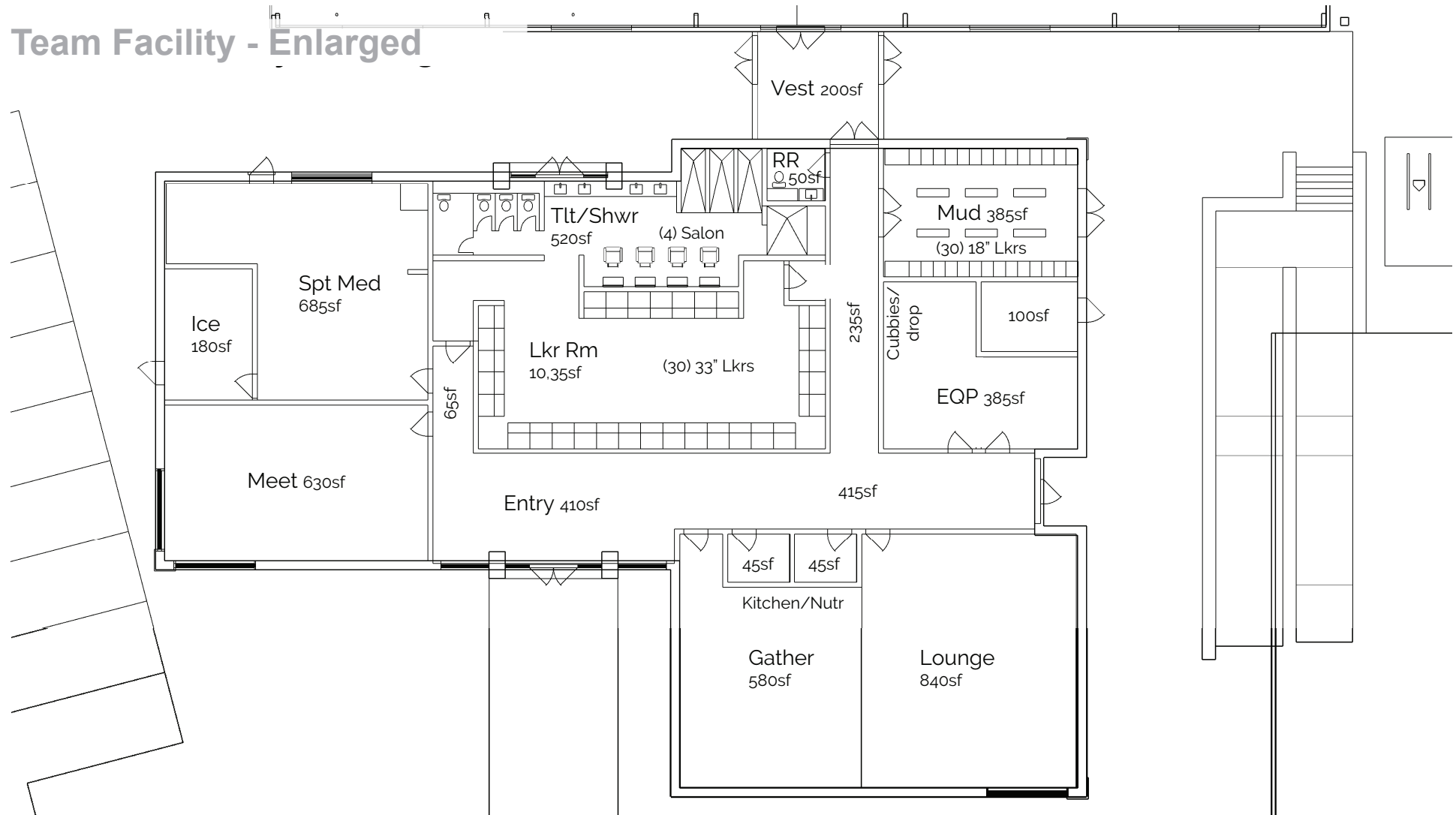
# Team Space Renovation Layouts

This selected floor plan illustrates an expanded mud room and equipment room, a new nutrition / fueling station within team gathering space, and an expanded locker room providing direct access to sports medicine.



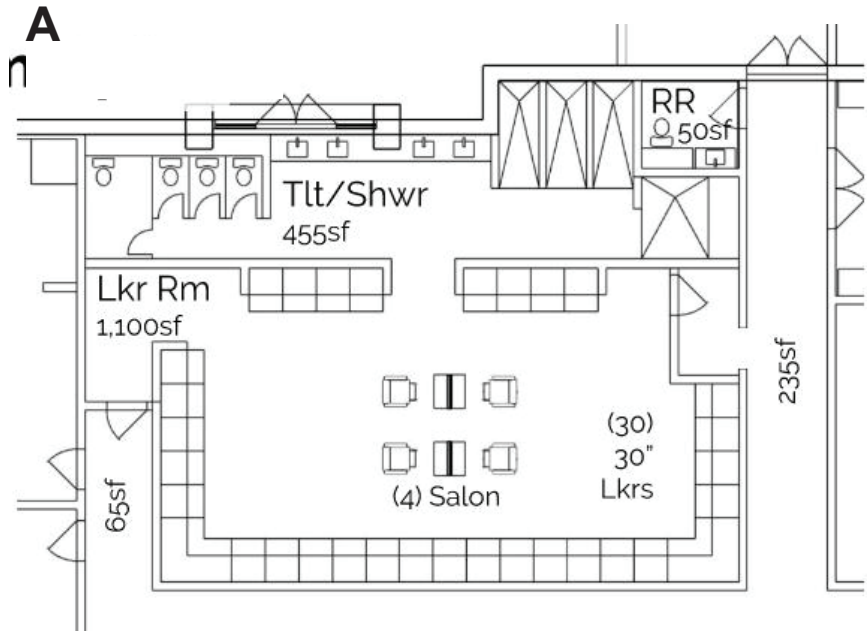


# Team Facility - Enlarged

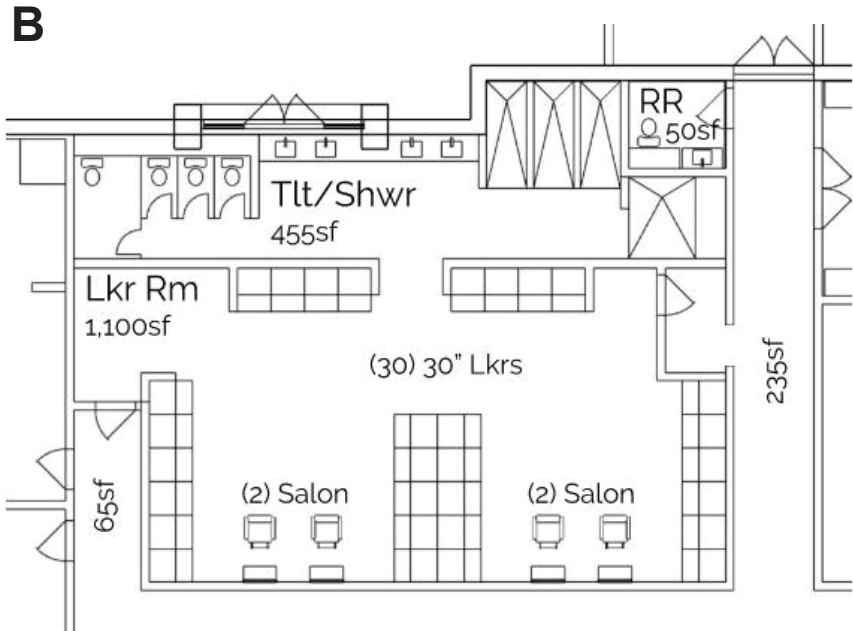


# Locker Room Layouts

The locker room options below provide different locker layouts and salon / vanity stations that vary from centrally located amongst the lockers to aligned within the wet area.

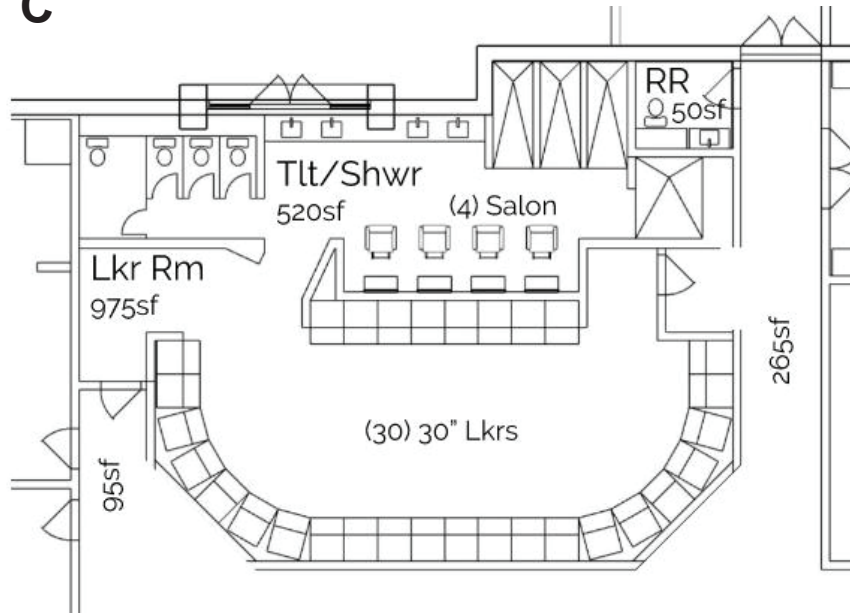


- (30) 30"w x 36"d Lockers
- Perimeter Lkrs
- (4) Facing Salon Stations in Lkr Rm



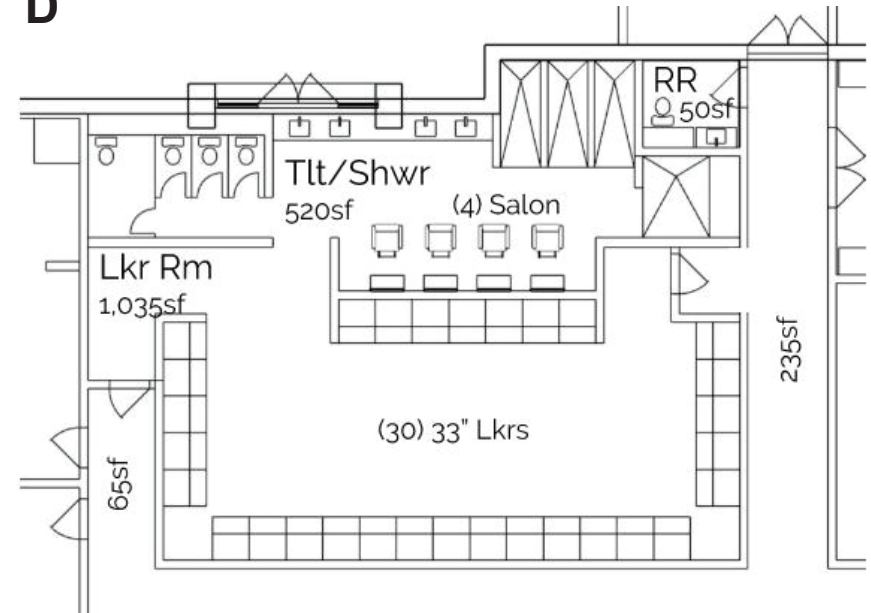
- (30) 30"w x 36"d Lockers
- Lkr Bays
- (4) Wall Salon Stations in Lkr Rm

C



- (30) 30"w x 36"d Lockers
- Perimeter Lkrs Open Center
- (4) Wall Salon Stations in restroom
- Eased Corners

D



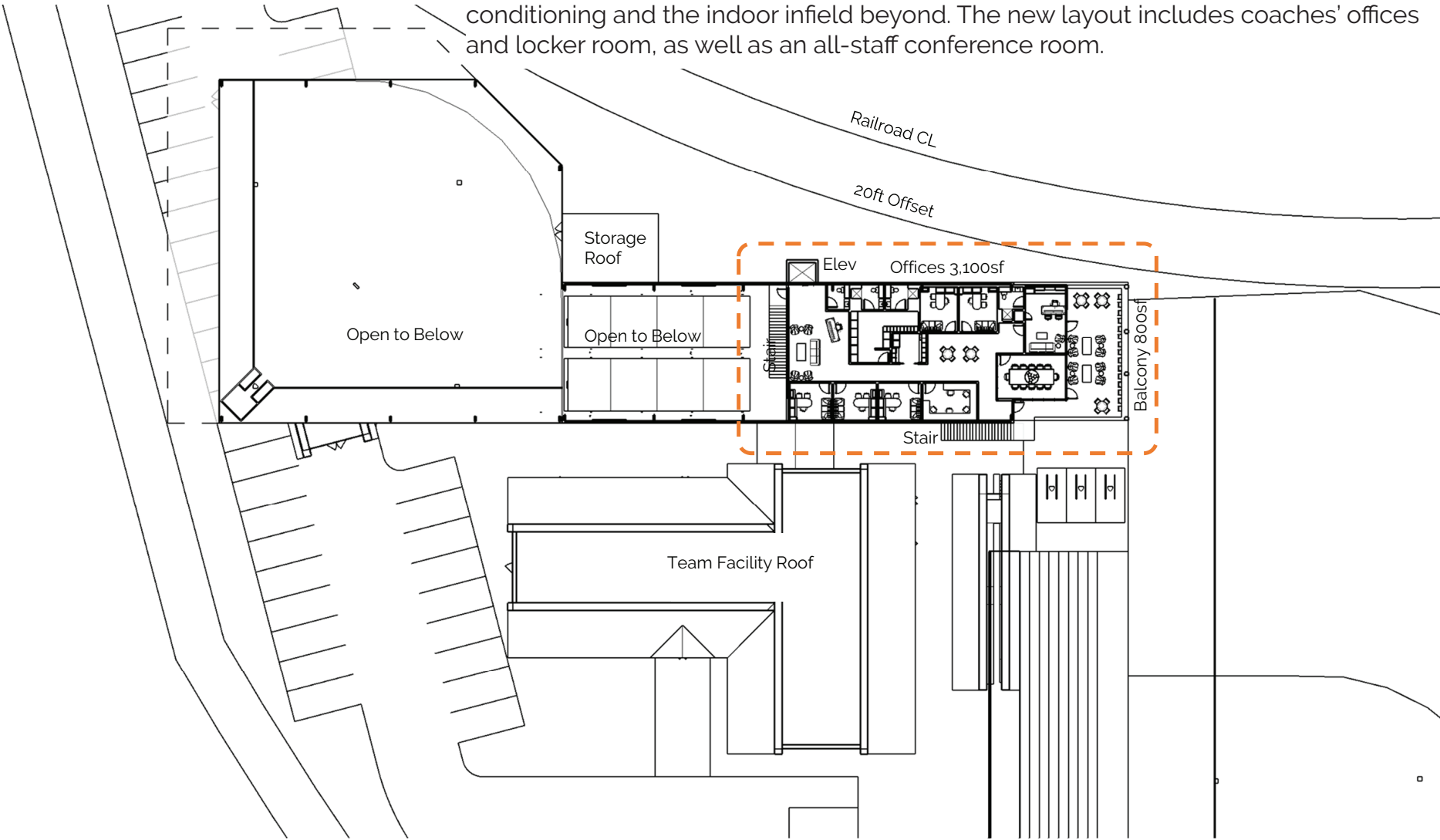
- (30) 33"w x 36"d Lockers
- Perimeter Lkrs Open Center
- (4) Wall Salon Stations in restroom

# Coaches' Suite Layouts

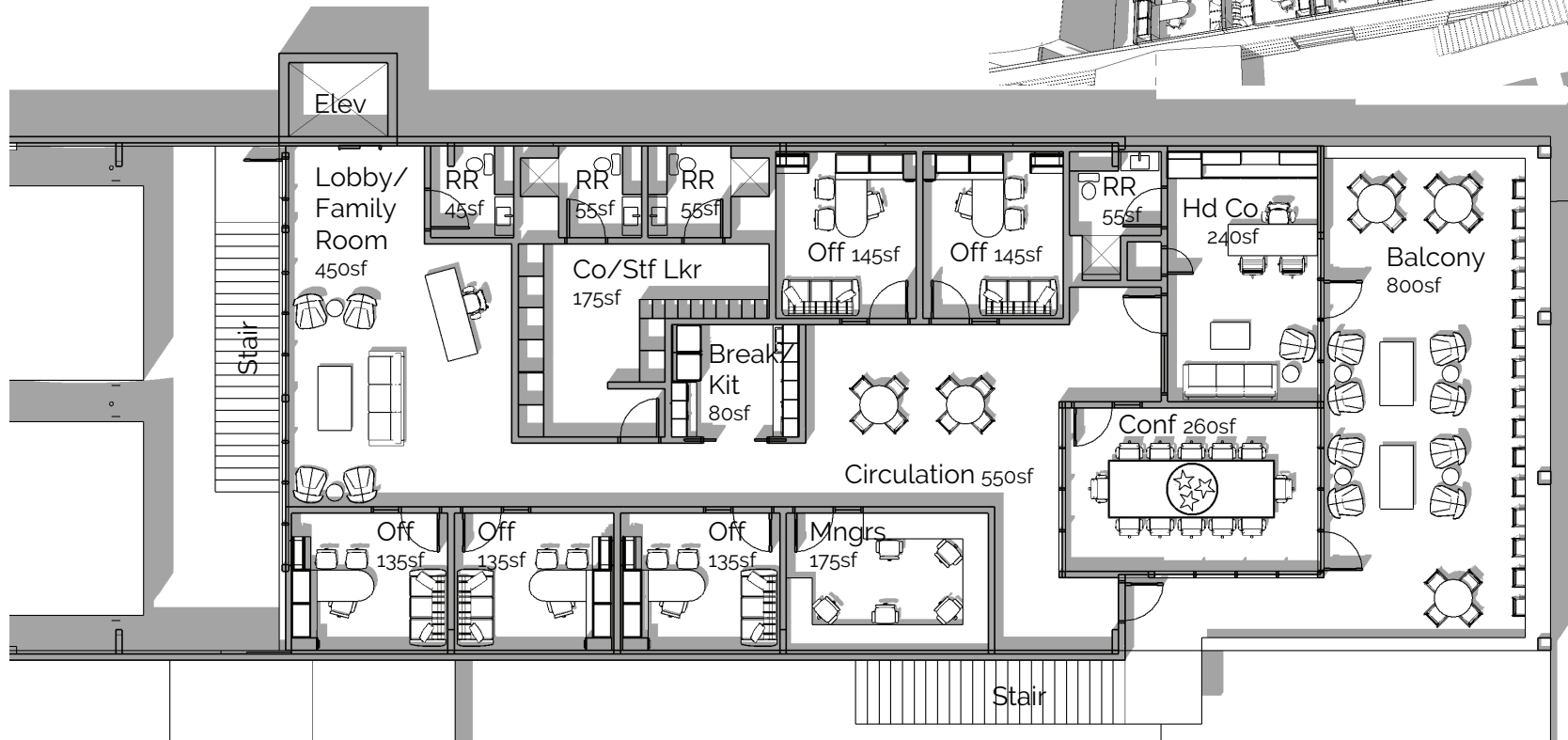
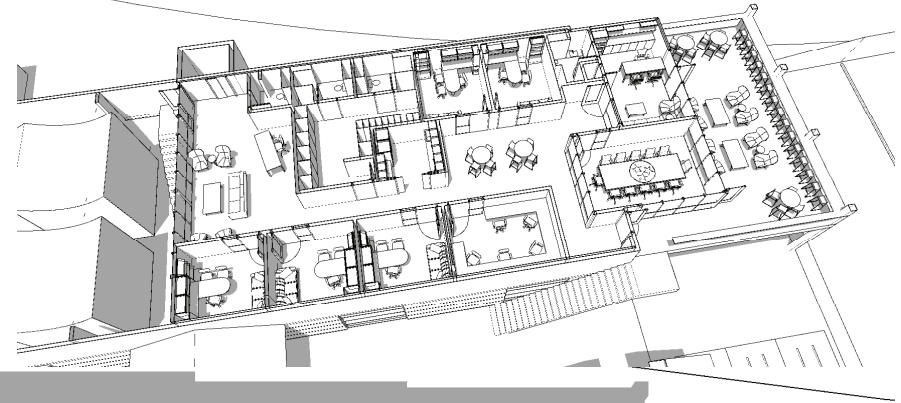
The coaches' suite is accessed via a stair and elevator from the connector below. The suite is adjacent to strength & conditioning with vestibule access to the existing team building. An additional exterior stair provides required second means of egress and provides direct exterior access to the balcony with views of Sherri Lee Parker Stadium.

## Level 2

The head coaches' suite has a private restroom and access to balcony. The balcony shares views of Sherri Lee Parker stadium that can be accessed via an exterior stair or directly from the head coaches' office. The lobby area has views into strength & conditioning and the indoor infield beyond. The new layout includes coaches' offices and locker room, as well as an all-staff conference room.



# Office Level - Enlarged





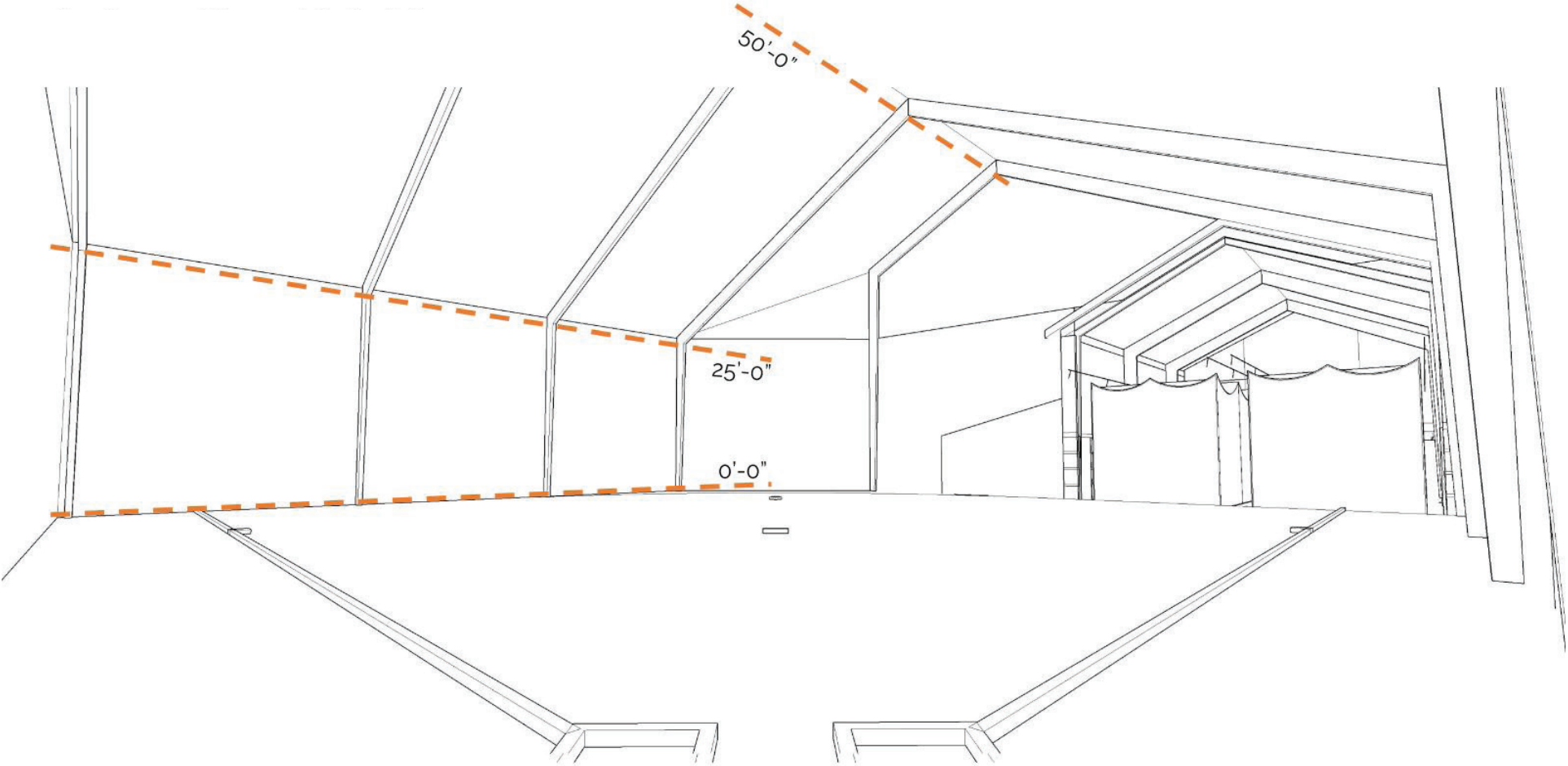
These conceptual renderings include views of the strength & conditioning center, as well as the coaches' office level. The adjacencies and connecting views beyond are a key element to the design.





# Indoor Clearance Height

The design team investigated alternate options to increase the height inside the indoor infield facility to 50' at the ridge by matching and continuing the slope and height of the existing batting cage building roof.





# On-grade Options



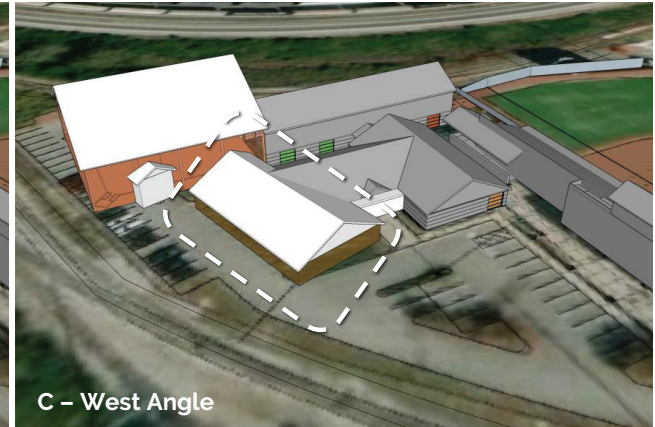
**A - West**

Blocks Indoor - View / Construction Access  
 Requires More \$ Interior Rework for Internal Access  
 Loses 15 parking spaces



**B - West wrap**

Blocks Indoor - View  
 Loses 15 parking spaces



**C - West Angle**

Partially Blocks Indoor - View  
 Loses 9 parking spaces  
 Maxed out footprint w/o losing more parking (tight)



**D - South Separate**

Reworks Parking  
 Reworks Entry - Covered Exterior Access  
 Loses 7 parking spaces



**E - South Box**

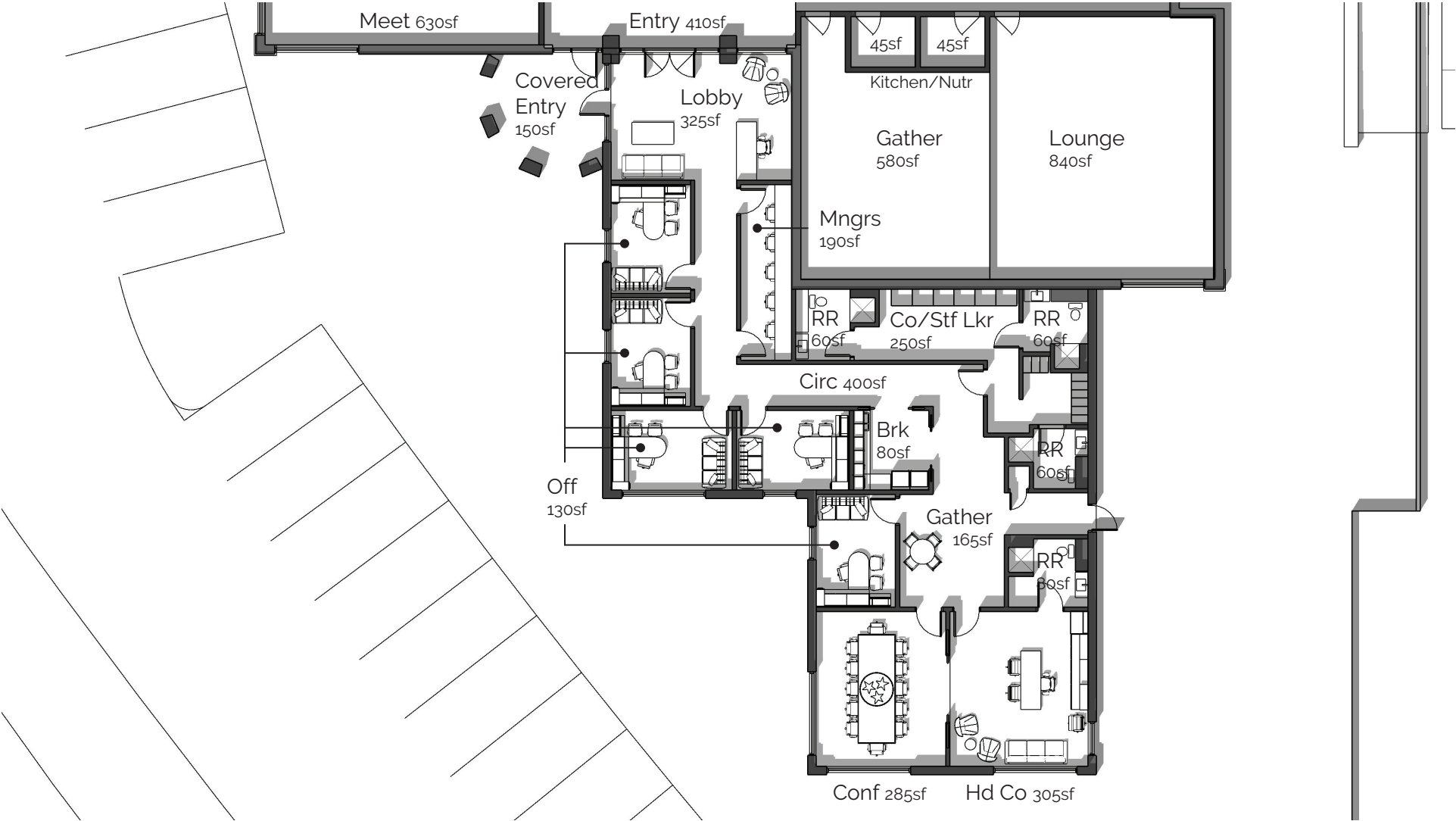
Reworks Parking  
 Reworks Entry - Internal Connection  
 Loses 1 parking spaces - Corner Pitch Point



**F - South Stepped**

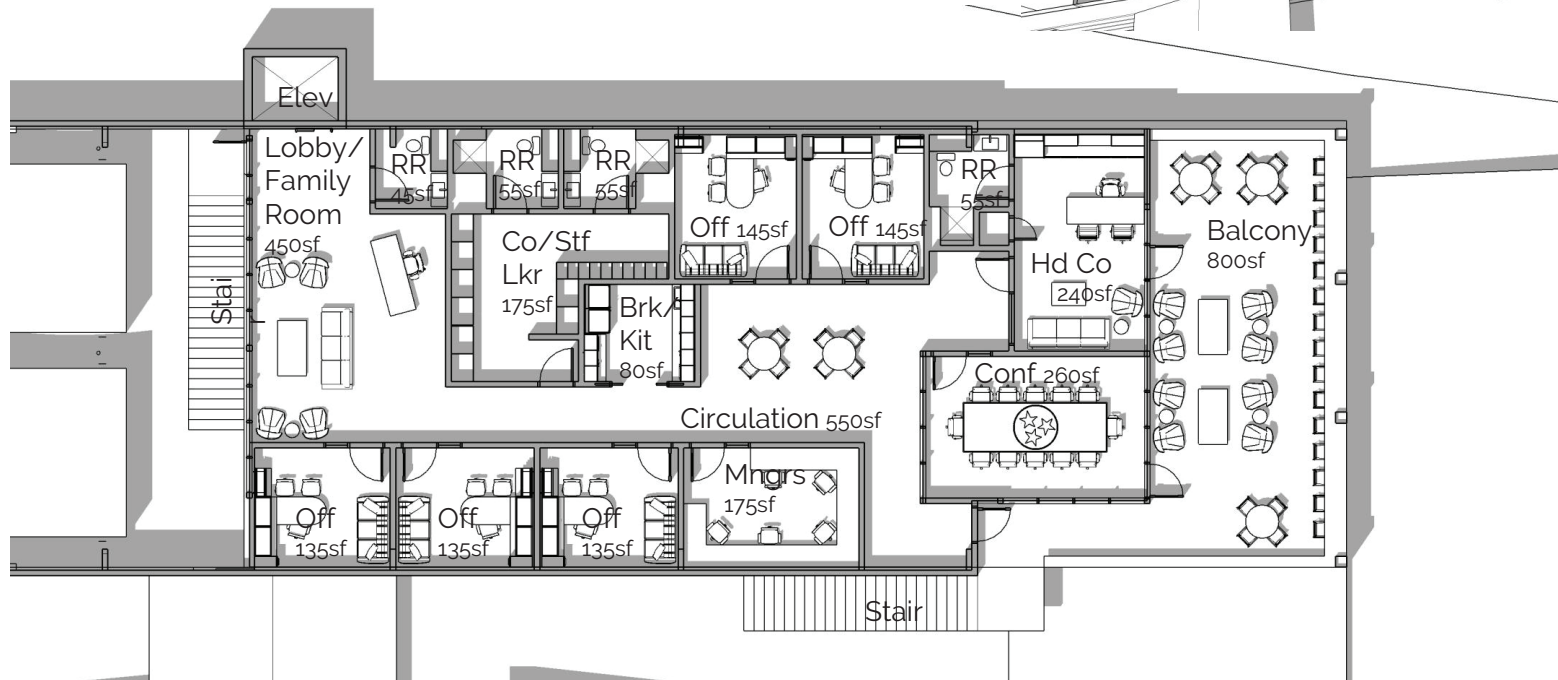
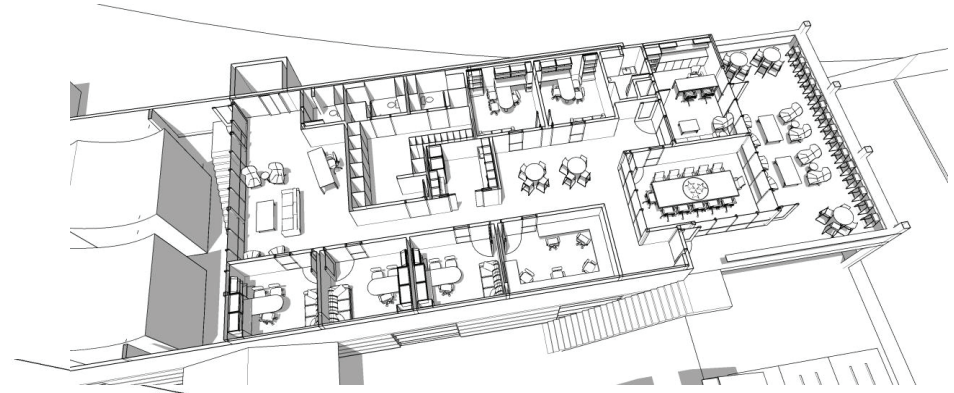
Reworks Parking  
 Reworks Entry - Internal Connection  
 Loses 1 parking spaces

# On-grade Options



# On-grade Options

## Office Level - Enlarged





# 4

# SYSTEMS NARRATIVE

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SITE / CIVIL

STRUCTURAL

MECHANICAL

PLUMBING

FIRE PROTECTION

ELECTRICAL

# SITE / CIVIL

January 5, 2023

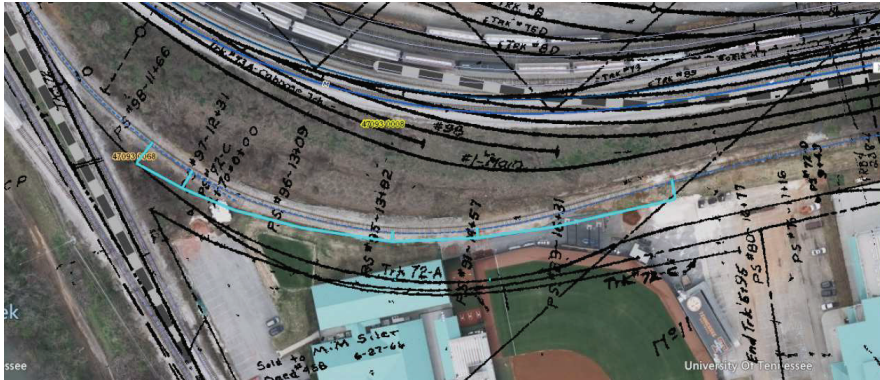
UTK Programming Site/Civil Narratives

## **Softball**

### Railroad Proximity

This project will require evaluation and review by CSX and will be initiated by a Preliminary Engineering agreement with CSX. Due to long review times it is recommended to begin this process early in the design process.

The existing softball field and building are not currently encroaching on CSX property. All future development will be required to not encroach CSX property and easements. The extents of CSX property are approximately 20 feet from the centerline of Track 72-A (as small as 10 feet from the centerline in select areas).



### Parking

The expanded softball facilities will remove approximately 30 of the existing parking spaces. There is limited to no room for new parking spaces at the project site, but additional offsite parking may be warranted.

### Utilities

The new softball facilities will potentially require new electric service for the HVAC systems. See MEP narrative for electric improvements.

### Sanitary Sewer

Existing sanitary capacity will need to be confirmed during the design phase, but the proposed addition should not exceed the existing capacity. If additional capacity is required, the existing 8" line will be upsized.

**LOSE DESIGN | 9724 KINGSTON PIKE, STE 1404 KNOXVILLE, TN 37922 | 865.409.1424**

## SITE / CIVIL

### Water

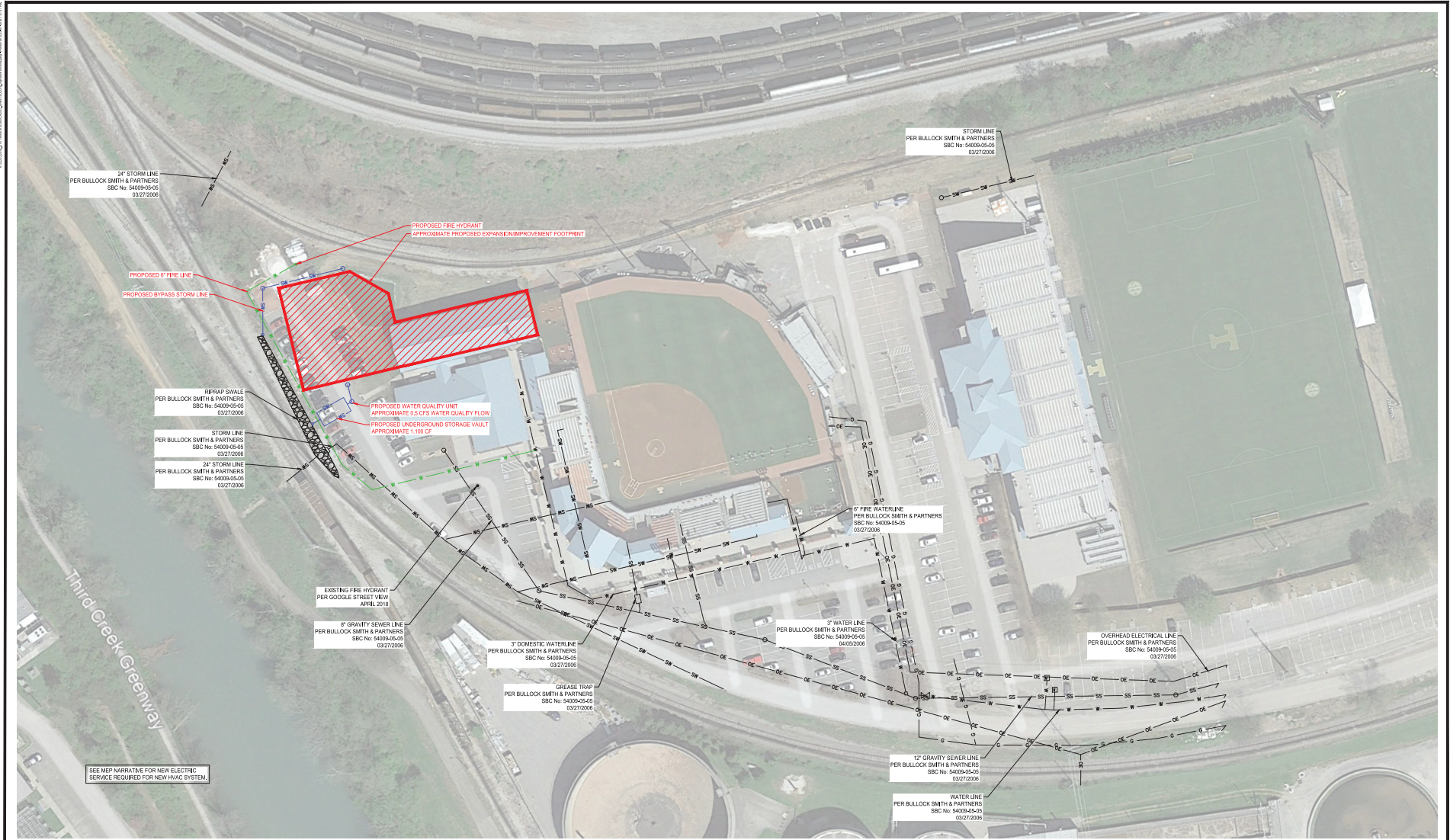
It is assumed that the water service for the new expansion will be provided through the existing building. Water demands will need to be confirmed during the design phase. One additional fire hydrant will be required at the north side of the expansion.

### Stormwater

By increasing the impervious area at this site, stormwater quality and quantity shall be addressed.

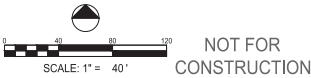
- Water quality and quantity
  - Water quality shall be addressed with an 80% TSS removal water quality unit
  - Water quantity shall match peak discharges per UTK's Stormwater Management Policies. Due to site area constraints, an underground detention vault will need to be utilized.
- NPDES Construction General Permit
  - Less than one acre of site disturbance will not require TDEC NPDES permitting.
- UT's Runoff Reduction Policy
  - Less than one acre of site disturbance will not trigger UTK's Stormwater Runoff Reduction Policy.

# SITE / CIVIL



## SOFTBALL UTILITY EXHIBIT

UNIVERSITY OF TENNESSEE, KNOXVILLE  
 JANUARY 2023





# STRUCTURAL

University of Tennessee Sherri Parker Lee Softball Stadium Renovations Study  
RBA Job No. 22 1119.01  
Schematic Structural Narrative – February 22, 2023

## BUILDING CODE REQUIREMENTS

### 2018 International Building Code

#### Live Loads:

Ground Level Floors	100 psf
Office	50 psf
Balcony	100 psf
Roof	20 psf

#### Wind Design:

Basic Wind Speed	105 mph
Exposure Category	C

#### Seismic Design:

##### ASCE 7-22

$S_s$	0.58 g
$S_1$	0.13 g
$S_{D5}$	0.39 g
$S_{D1}$	0.18 g
Risk Category	III
Seismic Design Category	C
Seismic Importance Factor	1.25
Site Class	D (Assumed)

# STRUCTURAL

metal form deck supporting a 2-1/2" reinforced concrete slab. The bar joists will span to a new 6"x6" tube column spaced at 16'-0" on-center along the exterior and along the center of the building. The new floor will be structurally independent of the existing building walls and columns by providing a 2" expansion joint.

The second level extension with the balcony will be constructed similarly except the bar joist will be spaced at 2'-0" on-center to support the 2-1/2" concrete slab and a 4" topping slab over a membrane for the outdoor area.

The expanded roof structure will be an extension of the existing PEMB using the same column spacing.

# MECHANICAL, PLUMBING, FIRE PROTECTION

### General

Please note this narrative is based on the “Preferred Concept”. If other options are considered, the systems narrative will need to be adjusted to reflect those changes.

### Mechanical

The existing Team Building, located to the west of the softball field, is currently served by packaged air units. These units are located outdoors on the ground to the north of the building in the area between the Team Building and the Batting Cage Building.

There are a total of five (5) units, four (4) of which are horizontal discharge from the unit into the side of the building. The last unit is an Aaon packaged unit with bottom discharge that sits on an elevated roof curb. Ductwork then turns horizontally from it and enters into the side of the building.

For the proposed building additions that indicate a connection of the Team Building and Batting Cage Building, the location of one or more of these five units become an issue and will have to be relocated, or new units specified, to an alternate location. Based on existing architectural floor plans and recent site visits, chases are shown where this ductwork enters the building and is routed up into the attic space.



Three (3) units east at rear of Team Building Two (2) units west at rear of Team Building Proposed floor plan changes to the east side of the Team Building including the existing Locker Rooms and

# MECHANICAL, PLUMBING, FIRE PROTECTION

No existing mechanical equipment was noted for the Batting Cage Building. For the batting cages shown remaining and the Strength and Conditioning, it is proposed to provide heating and cooling for these spaces. Package air units can be located on the ground at the back of the building near the new elevator or storage addition as needed to be able to route ductwork into the side of the building and route where required. Package air units can be installed in a similar location for the new offices on level 2.

The new Indoor Infield is also desired to be provided with heating and cooling. Package air units can be located on the ground at the north or northeast side of the building. Ductwork would be routed into the side of the building and continue its route into the Indoor Infield.

## **Plumbing**

A 2" Domestic water line would need to be extended thru the new proposed enclosed vestibule to provide water to the plumbing fixtures on the proposed upper level Coaches and staff areas and any plumbing requirements in the proposed indoor practice facility. Strength and Conditioning space will be underneath this area which is currently the batting cage area. The existing 2-1/2" water service should be adequate to supply the team building as well as the batting cages, coaches and staff areas, Strength and Conditioning, and the indoor practice facility. A new electric water heater will be provided in the batting cage building to supply the fixtures in the Strength and Conditioning area on the proposed mezzanine level. Instantaneous electric water heaters will be utilized at any point of use locations in the proposed indoor practice facility.

Sanitary sewer would connect to the new fixtures on the proposed new mezzanine area, drop to below slab of the existing batting cages, and extend out the south side of the building to connect to the nearest sanitary sewer main. Any plumbing fixtures or drains in the new proposed indoor practice facility would be combined and exit the south side of the facility. The existing location and depth of the sanitary sewer main will need to be determined by further field investigation at the time of design.

Major renovations are proposed for the existing Locker Rooms in the Team Building. This will include the reconfiguration of showers, water closets, and lavatories. Cold water, hot water, and sanitary sewer will connect to existing services in that area currently serving fixtures being removed.

## MECHANICAL, PLUMBING, FIRE PROTECTION

A new fire riser will be installed in the proposed practice facility. This sprinkler system will also be extended over into the existing batting cage facility and the proposed mezzanine level for the coaches and staff area and Strength and Conditioning. The new fire riser will be complete with backflow preventer, wall indicator valve, and fire department connection. All sprinkler heads in the indoor practice facility and batting cage facility will be enclosed in wire guards to protect the sprinklers from damage. Dry sidewall heads will cover the new balcony overlook.

### **Engineering Services Group, Inc.**

Prepared by: Nathaniel D. Valukas, P.E.  
Ron Donahue

Date: November 10, 2022

# ELECTRICAL

## I. Introduction

The purpose of this report is to evaluate the existing electrical systems currently in place at the Sherri Parker Lee Softball Stadium and to investigate the possibility of adding electrical load to this electrical distribution system as part of proposed renovation/addition.

## II. Analysis

Following is a list of major electrical systems which may be impacted by construction, and our comments concerning impacts of new construction.

- A. Power Service: Existing building has power service with capacity of 3,000-amps at 208/120-volts, 3-phase, 4-wire, served from Knoxville Utilities Board padmounted transformer. Data received from UTFS indicates that the facility's previous 12-month high power demand was 261kW. There is adequate power available to serve the planned expansion. There is space in existing distribution equipment for installation of new circuit breakers to serve loads in new area.

The existing softball field lighting is controlled by switching circuit breakers in the supplying panelboard. Circuit breakers are not designed or intended to operate as light switches. A lighting contactor with control needs to be added for safe and proper control of the field lighting.

- B. Emergency Power Facility: There is currently no standby generator serving the existing facility. Emergency egress lighting is backed up by battery packs.
- C. Fire Alarm Facility: Facility has in place a EST fire alarm system, intelligent, addressable, Edwards Model EST3. The system is a voice evacuation system with capacity of 2,000 address points.

Fire alarm system is of modern manufacture with readily available parts. Panel and system are easily expandable to serve new building addition.

Site Considerations: The planned area for building addition does not conflict with existing underground primary lines, major feeders, etc.

## III. Summary

We conclude there is sufficient power to serve new addition. Fire alarm system is adequate and easily expandable. We foresee no major electrical issues with planned addition.

VREELAND ENGINEERS, INC.



# 5

## ROOM DATA SHEETS

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The following pages include room data sheets for the team's locker room, player's lounge, team video / meeting room, sports medicine, mudroom, equipment, head coaches' office suite, assistant coaches' and operations space, managers and break room, lobby and family room area, balcony, coaches' and staff locker room, batting cages, storage, strength & conditioning, and a full indoor infield.



**University of Tennessee Knoxville**

SOFTBALL

**LOCKER ROOM SUITE**

<b>Department:</b>	<b>Softball Team</b> <i>Locker Area, Team Gather, Make-up vanity, Showers, Toilets, Lavs / Grooming Area, Vestibule</i>	<b>Quantity:</b>	1
<b>Occupancy:</b>	<b>30+ People</b>	<b>Room DSF:</b>	1,610
<b>Adjacency:</b>	<b>locker rooms, nutrition, sports medicine</b>	<b>Total DSF:</b>	1,610

**Room Description**

Large open locker with 30 custom lockers with adjacent restroom including toilets, showers, lavatories and four dedicated salon stations.

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input type="checkbox"/> Wood	
	<b>WALLS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input checked="" type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> Wall Covering	<input checked="" type="checkbox"/> Mirrors	
systems	<b>CEILINGS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> ACT	<input checked="" type="checkbox"/> GWB	<input type="checkbox"/> None	
	<b>DOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Glass	<input type="checkbox"/> Wood	<input type="checkbox"/> Other	
technology	<b>WONDOWS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Operable	<input type="checkbox"/> Fixed	<input type="checkbox"/> Shades	<input type="checkbox"/> Other	
	<b>HVAC:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Heating	<input checked="" type="checkbox"/> Ventilation	<input checked="" type="checkbox"/> Cooling	<input type="checkbox"/> Specialty Equipment (see notes)			
branding	<b>LIGHTING:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> General	<input checked="" type="checkbox"/> Decorative	<input checked="" type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input checked="" type="checkbox"/> Occupancy Sensing		
	<b>POWER:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> 120V	<input checked="" type="checkbox"/> Low Voltage	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage		
technology	<b>PLUMBING:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Lavatory	<input checked="" type="checkbox"/> Water Closet	<input checked="" type="checkbox"/> Shower	<input type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment		
	<b>EQUIPMENT:</b>	<input type="checkbox"/> Projector	<input type="checkbox"/> Printer	<input type="checkbox"/> Computer	<input type="checkbox"/> Ice Machine	<input checked="" type="checkbox"/> Wi-Fi	<input checked="" type="checkbox"/> Sound System		
technology	<b>IT:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Data	<input checked="" type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Wireless Access			
	<b>SOUND:</b>	<input checked="" type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input type="checkbox"/> Door Seal	<input type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other			
branding	<b>SIGNAGE:</b>	<i>rooms, emergency, vinyl graphics</i>							
	<b>FURNITURE:</b>	<i>salon chairs &amp; shower stool</i>							

*University of Tennessee - Softball Program Document - Data sheets*

**University of Tennessee Knoxville**

SOFTBALL

**PLAYERS LOUNGE**

<b>Department:</b>	<b>Softball Team Support</b> <i>Lounge, Team Gather, Kitchen</i>	<b>Quantity:</b>	1
<b>Occupancy:</b>	<b>20-50 People</b>	<b>Room DSF:</b>	1,386
<b>Adjacency:</b>	<b>locker room</b>	<b>Total DSF:</b>	1,386

**Room Description**

These spaces are the home away from home for the team a space to gather and relax between school and practice. It is an extension of the existing lounge to include a kitchen area and team meal space all in one area.

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b>	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Ceramic Tile	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input type="checkbox"/> Wood	
	<b>WALLS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> Wall Covering	<input type="checkbox"/> Mirrors	
systems	<b>CEILINGS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Painted	<input type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> ACT	<input type="checkbox"/> GWB	<input type="checkbox"/> None	
	<b>DOORS:</b>	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Metal	<input type="checkbox"/> Glass	<input type="checkbox"/> Wood	<input type="checkbox"/> Other	
technology	<b>WONDOWS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input checked="" type="checkbox"/> Exterior	<input type="checkbox"/> Operable	<input checked="" type="checkbox"/> Fixed	<input checked="" type="checkbox"/> Shades	<input type="checkbox"/> Other	
	<b>HVAC:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Heating	<input type="checkbox"/> Ventilation	<input checked="" type="checkbox"/> Cooling	<input type="checkbox"/> Specialty Equipment (see notes)			
branding	<b>LIGHTING:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> General	<input checked="" type="checkbox"/> Decorative	<input checked="" type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input checked="" type="checkbox"/> Occupancy Sensing		
	<b>POWER:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> 120V	<input checked="" type="checkbox"/> Low Voltage	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage		
technology	<b>PLUMBING:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Water Closet	<input type="checkbox"/> Shower	<input type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment		
	<b>EQUIPMENT:</b>	<input checked="" type="checkbox"/> Projector	<input type="checkbox"/> Printer	<input type="checkbox"/> Computer	<input checked="" type="checkbox"/> Ice Machine	<input checked="" type="checkbox"/> Wi-Fi	<input checked="" type="checkbox"/> Sound System		
technology	<b>IT:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Data	<input checked="" type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Wireless Access			
	<b>SOUND:</b>	<input checked="" type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input type="checkbox"/> Door Seal	<input checked="" type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other			
branding	<b>SIGNAGE:</b>	<i>rooms, emergency, vinyl graphics</i>							
	<b>FURNITURE:</b>	<i>sofas, tables, chairs, media center, high tops</i>							

*University of Tennessee - Softball*

## University of Tennessee Knoxville

SOFTBALL

### TEAM VIDEO / MEETING

Department: Softball Team Support

*Team Video/Meeting*

Quantity: 1  
 Room DSF: 630  
 Total DSF: 630

Occupancy: 20-50 People  
 Adjacency: locker room

#### Room Description

Flexible team meeting room. Area for film watching but also flexible enough for instruction or group meeting.

#### Basic Architectural Requirements

finishes	<b>FLOORS:</b>	<input type="checkbox"/> New	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Wood
	<b>WALLS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> Wall Covering	<input type="checkbox"/> Mirrors
	<b>CEILINGS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Painted	<input checked="" type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> ACT	<input type="checkbox"/> GWB	<input type="checkbox"/> None
systems	<b>DOORS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Metal	<input type="checkbox"/> Glass	<input type="checkbox"/> Wood	<input type="checkbox"/> Other
	<b>WONDOWS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Operable	<input type="checkbox"/> Fixed	<input type="checkbox"/> Shades	<input type="checkbox"/> Other
	<i>note:</i>	<i>shade at existing exterior windows for privacy</i>						
technology	<b>HVAC:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Heating	<input checked="" type="checkbox"/> Ventilation	<input checked="" type="checkbox"/> Cooling	<input type="checkbox"/> Specialty Equipment (see notes)		
	<b>LIGHTING:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> General	<input checked="" type="checkbox"/> Decorative	<input type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input checked="" type="checkbox"/> Occupancy Sensing	
	<b>POWER:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> 120V	<input checked="" type="checkbox"/> Low Voltage	<input checked="" type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage	
branding	<b>PLUMBING:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Water Closet	<input type="checkbox"/> Shower	<input type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment	
	<i>note:</i>	<i>none</i>						
	<b>EQUIPMENT:</b>	<input checked="" type="checkbox"/> Projector	<input type="checkbox"/> Printer	<input type="checkbox"/> Computer	<input checked="" type="checkbox"/> Ice Machine	<input checked="" type="checkbox"/> Wi-Fi	<input checked="" type="checkbox"/> Sound System	
branding		<input type="checkbox"/> Smart Board	<input type="checkbox"/> Copier	<input type="checkbox"/> Telephone	<input type="checkbox"/> Lecturn	<input type="checkbox"/> Air Compressor	<input type="checkbox"/>	
	<i>note:</i>	<i>fridge/freezer, microwave, blenders, dishwasher</i>						
	<b>IT:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Data	<input checked="" type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Wireless Access		
	<b>SOUND:</b>	<input checked="" type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input type="checkbox"/> Door Seal	<input checked="" type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other		
	<b>SIGNAGE:</b>	<i>rooms, emergency, vinyl graphics</i>						
	<b>FURNITURE:</b>	<i>sofas, tables, chairs, media center, high tops, ping pong table, study carols, sleeping pods</i>						

University of Tennessee - Softball

## University of Tennessee Knoxville

SOFTBALL

### SPORTS MEDICINE

Department: Softball Team Support

*Sports Med/Hydro/Ice*

Quantity: 1  
 Room DSF: 840  
 Total DSF: 840

Occupancy: 15 People  
 Adjacency: locker room & exterior

#### Room Description

Existing Sports Medicine to remain, branding update. Possible future hydrotherapy addition to exterior.

#### Basic Architectural Requirements

finishes	<b>FLOORS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Carpet	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input type="checkbox"/> Wood
	<b>WALLS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Painted	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input type="checkbox"/> Wall Covering	<input type="checkbox"/> Mirrors
	<b>CEILINGS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Painted	<input type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input type="checkbox"/> ACT	<input type="checkbox"/> GWB	<input type="checkbox"/> None
systems	<b>DOORS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Metal	<input type="checkbox"/> Glass	<input type="checkbox"/> Wood	<input type="checkbox"/> Other
	<b>WONDOWS:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Operable	<input type="checkbox"/> Fixed	<input type="checkbox"/> Shades	<input type="checkbox"/> Other
	<i>note:</i>							
technology	<b>HVAC:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Heating	<input type="checkbox"/> Ventilation	<input type="checkbox"/> Cooling	<input type="checkbox"/> Specialty Equipment (see notes)		
	<b>LIGHTING:</b>	<input type="checkbox"/> New	<input type="checkbox"/> General	<input type="checkbox"/> Decorative	<input type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input type="checkbox"/> Occupancy Sensing	
	<b>POWER:</b>	<input type="checkbox"/> New	<input type="checkbox"/> 120V	<input type="checkbox"/> Low Voltage	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage	
branding	<b>PLUMBING:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Water Closet	<input type="checkbox"/> Shower	<input type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment	
	<i>note:</i>							
	<b>EQUIPMENT:</b>	<input type="checkbox"/> Projector	<input type="checkbox"/> Printer	<input type="checkbox"/> Computer	<input type="checkbox"/> Ice Machine	<input type="checkbox"/> Wi-Fi	<input type="checkbox"/> Sound System	
branding		<input type="checkbox"/> Smart Board	<input type="checkbox"/> Copier	<input type="checkbox"/> Telephone	<input type="checkbox"/> Lecturn	<input type="checkbox"/> Air Compressor	<input type="checkbox"/>	
	<i>note:</i>							
	<b>IT:</b>	<input type="checkbox"/> New	<input type="checkbox"/> Data	<input type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input type="checkbox"/> Wireless Access		
	<b>SOUND:</b>	<input type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input type="checkbox"/> Door Seal	<input type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other		
	<b>SIGNAGE:</b>	<i>Existing to Remain</i>						
	<b>FURNITURE:</b>	<i>Existing to Remain</i>						

University of Tennessee - Softball

**University of Tennessee Knoxville**

SOFTBALL

**MUDROOM**

Department: Softball Team Support  
*Mudroom*

Quantity: 1  
Room DSF: 378  
Total DSF: 378

Occupancy: 30 People  
Adjacency: locker room, equipment & field

**Room Description**

Gear Storage room with 30 players gear lockers and benches

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Carpet	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Vinyl Tile	<input checked="" type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input type="checkbox"/> Wood	
	<b>WALLS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input type="checkbox"/> Wall Covering	<input type="checkbox"/> Mirrors	
	<b>CEILINGS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Painted	<input type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> ACT	<input type="checkbox"/> GWB	<input type="checkbox"/> None	
	<b>DOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Interior	<input checked="" type="checkbox"/> Exterior	<input checked="" type="checkbox"/> Metal	<input type="checkbox"/> Glass	<input type="checkbox"/> Wood	<input type="checkbox"/> Other	
	<b>WONDOWS:</b> <i>note:</i>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Operable	<input type="checkbox"/> Fixed	<input type="checkbox"/> Shades	<input type="checkbox"/> Other	
systems	<b>HVAC:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Heating <i>air compressor</i>	<input checked="" type="checkbox"/> Ventilation	<input checked="" type="checkbox"/> Cooling	<input checked="" type="checkbox"/> Specialty Equipment (see notes)			
	<b>LIGHTING:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> General	<input type="checkbox"/> Decorative	<input type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input checked="" type="checkbox"/> Occupancy Sensing		
	<b>POWER:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> 120V	<input checked="" type="checkbox"/> Low Voltage	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage		
technology	<b>PLUMBING:</b> <i>note:</i>	<input type="checkbox"/> New	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Water Closet	<input type="checkbox"/> Shower	<input type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment		
	<b>EQUIPMENT:</b> <i>note:</i>	<input type="checkbox"/> Projector	<input type="checkbox"/> Printer	<input type="checkbox"/> Computer	<input type="checkbox"/> Ice Machine	<input checked="" type="checkbox"/> Wi-Fi	<input checked="" type="checkbox"/> Sound System		
		<input type="checkbox"/> Smart Board	<input type="checkbox"/> Copier	<input type="checkbox"/> Telephone	<input type="checkbox"/> Lecturn	<input type="checkbox"/> Air Compressor	<input type="checkbox"/>		
		<input type="checkbox"/> White Board	<input type="checkbox"/> TV	<input type="checkbox"/> Monitor	<input type="checkbox"/> Screen	<input type="checkbox"/> Bottle Filling			
		<i>shoe and glove dryer</i>							
	<b>IT:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Data	<input type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Wireless Access			
	<b>SOUND:</b>	<input checked="" type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input type="checkbox"/> Door Seal	<input checked="" type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other			
branding	<b>SIGNAGE:</b>	<i>rooms, emergency, vinyl graphics</i>							
	<b>FURNITURE:</b>	<i>benches, lockers</i>							

University of Tennessee - Softball

**University of Tennessee Knoxville**

SOFTBALL

**EQUIPMENT**

Department: Softball Team Support  
*Laundry/Issue/Storage*

Quantity: 1  
Room DSF: 394  
Total DSF: 394

Occupancy: 4 People  
Adjacency: locker room, mudroom

**Room Description**

Expand existing Equipment room, provide new washer and dryer, provide high density mobile storage

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Carpet	<input type="checkbox"/> Ceramic Tile	<input checked="" type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input type="checkbox"/> Wood	
	<b>WALLS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input type="checkbox"/> Wall Covering	<input type="checkbox"/> Mirrors	
	<b>CEILINGS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Painted	<input type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> ACT	<input type="checkbox"/> GWB	<input type="checkbox"/> None	
	<b>DOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Interior	<input checked="" type="checkbox"/> Exterior	<input checked="" type="checkbox"/> Metal	<input type="checkbox"/> Glass	<input type="checkbox"/> Wood	<input type="checkbox"/> Other	
	<b>WONDOWS:</b> <i>note:</i>	<input type="checkbox"/> New	<input type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Operable	<input type="checkbox"/> Fixed	<input type="checkbox"/> Shades	<input type="checkbox"/> Other	
systems	<b>HVAC:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Heating	<input type="checkbox"/> Ventilation	<input checked="" type="checkbox"/> Cooling	<input checked="" type="checkbox"/> Specialty Equipment (see notes)			
	<b>LIGHTING:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> General	<input type="checkbox"/> Decorative	<input type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input checked="" type="checkbox"/> Occupancy Sensing		
	<b>POWER:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> 120V	<input checked="" type="checkbox"/> Low Voltage	<input checked="" type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage		
technology	<b>PLUMBING:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Lavatory	<input type="checkbox"/> Water Closet	<input type="checkbox"/> Shower	<input checked="" type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment		
	<b>EQUIPMENT:</b> <i>note:</i>	<input type="checkbox"/> Projector	<input type="checkbox"/> Printer	<input type="checkbox"/> Computer	<input type="checkbox"/> Ice Machine	<input checked="" type="checkbox"/> Wi-Fi	<input checked="" type="checkbox"/> Sound System		
		<input type="checkbox"/> Smart Board	<input type="checkbox"/> Copier	<input type="checkbox"/> Telephone	<input type="checkbox"/> Lecturn	<input type="checkbox"/> Air Compressor	<input type="checkbox"/>		
		<input type="checkbox"/> White Board	<input checked="" type="checkbox"/> TV	<input type="checkbox"/> Monitor	<input type="checkbox"/> Screen	<input type="checkbox"/> Bottle Filling			
		<i>New washer and dryer, High density Mobile Storage</i>							
	<b>IT:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Data	<input type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Wireless Access			
	<b>SOUND:</b>	<input checked="" type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input type="checkbox"/> Door Seal	<input checked="" type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other			
branding	<b>SIGNAGE:</b>	<i>rooms, emergency, vinyl graphics</i>							
	<b>FURNITURE:</b>								

University of Tennessee - Softball

**University of Tennessee Knoxville**

SOFTBALL

**HEAD COACHES OFFICE SUITE**

**Department:** Softball Staff  
*Head Coach, HC Restroom, Conference Room*

**Quantity:** 1

**Occupancy:** 1-6 People  
**Room NSF:** 548  
**Adjacency:** Balcony, Field, Assitant Coaches  
**Total NSF:** 548

**Room Description**  
 Head Coaches Office and Conference Room overlooking the field through balcony. Conference room intended to hold 12 people. Dedicated coaches restroom adjacent to office.

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Carpet	<input checked="" type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input type="checkbox"/> Wood
	<b>WALLS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> Wall Covering	<input type="checkbox"/> Mirrors
	<b>CEILINGS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Painted	<input type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> ACT	<input checked="" type="checkbox"/> GWB	<input type="checkbox"/> None
	<b>DOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Glass	<input checked="" type="checkbox"/> Wood	<input type="checkbox"/> Other
systems	<b>WONDOWS:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Interior	<input checked="" type="checkbox"/> Exterior	<input checked="" type="checkbox"/> Operable	<input type="checkbox"/> Fixed	<input checked="" type="checkbox"/> Shades	<input type="checkbox"/> Other
	<b>HVAC:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Heating	<input type="checkbox"/> Ventilation	<input checked="" type="checkbox"/> Cooling	<input type="checkbox"/> Specialty Equipment (see notes)		
	<b>LIGHTING:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> General	<input type="checkbox"/> Decorative	<input type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input checked="" type="checkbox"/> Occupancy Sensing	
	<b>POWER:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> 120V	<input checked="" type="checkbox"/> Low Voltage	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage	
technology	<b>PLUMBING:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Lavatory	<input checked="" type="checkbox"/> Water Closet	<input checked="" type="checkbox"/> Shower	<input type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment	
	<b>EQUIPMENT:</b> <i>note:</i>	<input type="checkbox"/> Projector	<input checked="" type="checkbox"/> Printer	<input checked="" type="checkbox"/> Computer	<input type="checkbox"/> Ice Machine	<input checked="" type="checkbox"/> Wi-Fi	<input checked="" type="checkbox"/> Sound System	
	<b>IT:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Data	<input checked="" type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Wireless Access		
	<b>SOUND:</b>	<input checked="" type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input checked="" type="checkbox"/> Door Seal	<input checked="" type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other		
branding	<b>SIGNAGE:</b>	<i>rooms, emergency, vinyl graphics</i>						
	<b>FURNITURE:</b>	<i>desk, office chairs, lounge chairs, side tables</i>						

University of Tennessee - Softball

**University of Tennessee Knoxville**

SOFTBALL

**ASSITANT COACHES AND OPERATIONS**

**Department:** Softball Staff  
*Asst. Coach / Ops*

**Quantity:** 5

**Occupancy:** 1-4 People  
**Room NSF:** 144  
**Adjacency:** Conference Room, Head Coaches Offices  
**Total NSF:** 720

**Room Description**  
 Assitant Coaches and Operations office include a desk, two side chairs, and a sofa

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Carpet	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Vinyl Tile	<input type="checkbox"/> Rubber	<input type="checkbox"/> Concrete	<input type="checkbox"/> Wood
	<b>WALLS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Ceramic Tile	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input type="checkbox"/> Wall Covering	<input type="checkbox"/> Mirrors
	<b>CEILINGS:</b>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Painted	<input type="checkbox"/> Exposed Structure	<input type="checkbox"/> Wood	<input checked="" type="checkbox"/> ACT	<input type="checkbox"/> GWB	<input type="checkbox"/> None
	<b>DOORS:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Interior	<input type="checkbox"/> Exterior	<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Glass	<input checked="" type="checkbox"/> Wood	<input type="checkbox"/> Other
systems	<b>WONDOWS:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Interior	<input checked="" type="checkbox"/> Exterior	<input type="checkbox"/> Operable	<input checked="" type="checkbox"/> Fixed	<input checked="" type="checkbox"/> Shades	<input type="checkbox"/> Other
	<b>HVAC:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Heating	<input type="checkbox"/> Ventilation	<input checked="" type="checkbox"/> Cooling	<input type="checkbox"/> Specialty Equipment (see notes)		
	<b>LIGHTING:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> General	<input type="checkbox"/> Decorative	<input type="checkbox"/> Dimmable	<input type="checkbox"/> Task	<input checked="" type="checkbox"/> Occupancy Sensing	
	<b>POWER:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> 120V	<input checked="" type="checkbox"/> Low Voltage	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	<input type="checkbox"/> Specialty Voltage	
technology	<b>PLUMBING:</b> <i>note:</i>	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Water Closet	<input type="checkbox"/> Shower	<input type="checkbox"/> Mop Sink	<input type="checkbox"/> Specialty Equipment	
	<b>EQUIPMENT:</b> <i>note:</i>	<input type="checkbox"/> Projector	<input checked="" type="checkbox"/> Printer	<input checked="" type="checkbox"/> Computer	<input type="checkbox"/> Ice Machine	<input checked="" type="checkbox"/> Wi-Fi	<input checked="" type="checkbox"/> Sound System	
	<b>IT:</b>	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Data	<input checked="" type="checkbox"/> Video/Cable	<input type="checkbox"/> Telephone	<input checked="" type="checkbox"/> Wireless Access		
	<b>SOUND:</b>	<input checked="" type="checkbox"/> Acoustic Wall(s)	<input type="checkbox"/> Specialty HVAC	<input type="checkbox"/> Door Seal	<input checked="" type="checkbox"/> Acoustic Wall Panel	<input type="checkbox"/> Other		
branding	<b>SIGNAGE:</b>	<i>rooms, emergency, vinyl graphics</i>						
	<b>FURNITURE:</b>	<i>desk, office chairs, sofa, side tables</i>						

University of Tennessee - Softball

**University of Tennessee Knoxville**

**SOFTBALL**

**Batting Cages**

Department: Softball Player Development  
*Batting Cages*

Quantity: 2  
Room NSF: 1,200  
Total NSF: 2,400

Occupancy: 20-50 People  
Adjacency: Full Infield Indoor & S&C

**Room Description**

2 of the 4 batting cages kept opens up into Full infield Indoor Practice

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Vinyl Tile <input checked="" type="checkbox"/> Rubber <input type="checkbox"/> Concrete <input type="checkbox"/> Wood <i>notes: synthetic turf</i>
	<b>WALLS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Masonry <input type="checkbox"/> Wood <input checked="" type="checkbox"/> Wall Covering <input type="checkbox"/> Mirrors
	<b>CEILINGS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input checked="" type="checkbox"/> Exposed Structure <input type="checkbox"/> Wood <input type="checkbox"/> ACT <input type="checkbox"/> GWB <input type="checkbox"/> None
systems	<b>DOORS:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Interior <input checked="" type="checkbox"/> Exterior <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Wood <input type="checkbox"/> Other
	<b>WONDOWS:</b> <input type="checkbox"/> New <input type="checkbox"/> Interior <input type="checkbox"/> Exterior <input type="checkbox"/> Operable <input type="checkbox"/> Fixed <input type="checkbox"/> Shades <input type="checkbox"/> Other <i>note: clearstory windows</i>
	<b>HVAC:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Heating <input type="checkbox"/> Ventilation <input checked="" type="checkbox"/> Cooling <input type="checkbox"/> Specialty Equipment (see notes)
technology	<b>LIGHTING:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> General <input type="checkbox"/> Decorative <input type="checkbox"/> Dimmable <input type="checkbox"/> Task <input checked="" type="checkbox"/> Occupancy Sensing
	<b>POWER:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 120V <input type="checkbox"/> Low Voltage <input type="checkbox"/> 240V <input type="checkbox"/> 480V <input type="checkbox"/> Specialty Voltage
	<b>PLUMBING:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Lavatory <input type="checkbox"/> Water Closet <input type="checkbox"/> Shower <input type="checkbox"/> Mop Sink <input type="checkbox"/> Specialty Equipment <i>note: drinking fountain</i>
branding	<b>EQUIPMENT:</b> <input type="checkbox"/> Projector <input type="checkbox"/> Printer <input type="checkbox"/> Computer <input type="checkbox"/> Ice Machine <input checked="" type="checkbox"/> Wi-Fi <input checked="" type="checkbox"/> Sound System <input type="checkbox"/> Smart Board <input type="checkbox"/> Copier <input type="checkbox"/> Telephone <input type="checkbox"/> Lecturn <input type="checkbox"/> Air Compressor <input type="checkbox"/> <input type="checkbox"/> White Board <input type="checkbox"/> TV <input type="checkbox"/> Monitor <input checked="" type="checkbox"/> Screen <input checked="" type="checkbox"/> Bottle Filling <i>note: pitching screens, netting, ball machines</i>
	<b>IT:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Video/Cable <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Wireless Access
	<b>SOUND:</b> <input type="checkbox"/> Acoustic Wall(s) <input type="checkbox"/> Specialty HVAC <input type="checkbox"/> Door Seal <input checked="" type="checkbox"/> Acoustic Wall Panel <input type="checkbox"/> Other
	<b>SIGNAGE:</b> <i>rooms, emergency, vinyl graphics</i>
	<b>FURNITURE:</b>  <i>University of Tennessee - Softball Program Document - Data sheets</i>

**University of Tennessee Knoxville**

**SOFTBALL**

**STORAGE**

Department: Softball Player Development  
*Storage*

Quantity: 1  
Room NSF: 540  
Total NSF: 540

Occupancy: 1-3 People  
Adjacency: Batting Cages & Full Infield

**Room Description**

Storage facility adjacent to Batting Cage and Full Infield Indoor

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Vinyl Tile <input type="checkbox"/> Rubber <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Wood <i>notes:</i>
	<b>WALLS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Masonry <input type="checkbox"/> Wood <input type="checkbox"/> Wall Covering <input type="checkbox"/> Mirrors
	<b>CEILINGS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input checked="" type="checkbox"/> Exposed Structure <input type="checkbox"/> Wood <input type="checkbox"/> ACT <input type="checkbox"/> GWB <input type="checkbox"/> None
systems	<b>DOORS:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Interior <input checked="" type="checkbox"/> Exterior <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Glass <input type="checkbox"/> Wood <input checked="" type="checkbox"/> Other <i>roll up garage doors</i>
	<b>WONDOWS:</b> <input type="checkbox"/> New <input type="checkbox"/> Interior <input type="checkbox"/> Exterior <input type="checkbox"/> Operable <input type="checkbox"/> Fixed <input type="checkbox"/> Shades <input type="checkbox"/> Other <i>note: clearstory windows</i>
	<b>HVAC:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Heating <input type="checkbox"/> Ventilation <input checked="" type="checkbox"/> Cooling <input type="checkbox"/> Specialty Equipment (see notes)
technology	<b>LIGHTING:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> General <input type="checkbox"/> Decorative <input type="checkbox"/> Dimmable <input type="checkbox"/> Task <input checked="" type="checkbox"/> Occupancy Sensing
	<b>POWER:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 120V <input type="checkbox"/> Low Voltage <input type="checkbox"/> 240V <input type="checkbox"/> 480V <input type="checkbox"/> Specialty Voltage
	<b>PLUMBING:</b> <input type="checkbox"/> New <input type="checkbox"/> Lavatory <input type="checkbox"/> Water Closet <input type="checkbox"/> Shower <input type="checkbox"/> Mop Sink <input type="checkbox"/> Specialty Equipment <i>note:</i>
branding	<b>EQUIPMENT:</b> <input type="checkbox"/> Projector <input type="checkbox"/> Printer <input type="checkbox"/> Computer <input type="checkbox"/> Ice Machine <input checked="" type="checkbox"/> Wi-Fi <input type="checkbox"/> Sound System <input type="checkbox"/> Smart Board <input type="checkbox"/> Copier <input type="checkbox"/> Telephone <input type="checkbox"/> Lecturn <input type="checkbox"/> Air Compressor <input type="checkbox"/> <input type="checkbox"/> White Board <input type="checkbox"/> TV <input type="checkbox"/> Monitor <input type="checkbox"/> Screen <input type="checkbox"/> Bottle Filling <i>note: weight equipment, cardio machines</i>
	<b>IT:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Data <input type="checkbox"/> Video/Cable <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Wireless Access
	<b>SOUND:</b> <input type="checkbox"/> Acoustic Wall(s) <input type="checkbox"/> Specialty HVAC <input type="checkbox"/> Door Seal <input type="checkbox"/> Acoustic Wall Panel <input type="checkbox"/> Other
	<b>SIGNAGE:</b> <i>rooms, emergency</i>
	<b>FURNITURE:</b>  <i>University of Tennessee - Softball Program Document - Data sheets</i>

**University of Tennessee Knoxville**

**SOFTBALL**

**STRENGTH & CONDITIONING**

<b>Department:</b>	<b>Softball Player Development</b> <i>Strength &amp; Conditioning</i>	Quantity:	1
Occupancy:	25 People	Room NSF:	2,500
Adjacency:	Batting Cages & Full Infield	Total NSF:	2,500

**Room Description**  
2 of the 4 existing batting cages will be converted into a softball S&C with coaches office mezzanine above

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Vinyl Tile <input checked="" type="checkbox"/> Rubber <input type="checkbox"/> Concrete <input type="checkbox"/> Wood <i>notes</i>
	<b>WALLS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Masonry <input type="checkbox"/> Wood <input checked="" type="checkbox"/> Wall Covering <input type="checkbox"/> Mirrors
	<b>CEILINGS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input checked="" type="checkbox"/> Exposed Structure <input type="checkbox"/> Wood <input type="checkbox"/> ACT <input type="checkbox"/> GWB <input type="checkbox"/> None
systems	<b>DOORS:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Interior <input checked="" type="checkbox"/> Exterior <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Wood <input checked="" type="checkbox"/> Other <i>roll up garage doors</i>
	<b>WONDOWS:</b> <input type="checkbox"/> New <input type="checkbox"/> Interior <input type="checkbox"/> Exterior <input type="checkbox"/> Operable <input type="checkbox"/> Fixed <input type="checkbox"/> Shades <input type="checkbox"/> Other <i>note: clearstory windows</i>
	<b>HVAC:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Heating <input type="checkbox"/> Ventilation <input checked="" type="checkbox"/> Cooling <input type="checkbox"/> Specialty Equipment (see notes)
technology	<b>LIGHTING:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> General <input type="checkbox"/> Decorative <input type="checkbox"/> Dimmable <input type="checkbox"/> Task <input checked="" type="checkbox"/> Occupancy Sensing
	<b>POWER:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 120V <input type="checkbox"/> Low Voltage <input type="checkbox"/> 240V <input type="checkbox"/> 480V <input type="checkbox"/> Specialty Voltage
	<b>PLUMBING:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Lavatory <input type="checkbox"/> Water Closet <input type="checkbox"/> Shower <input type="checkbox"/> Mop Sink <input type="checkbox"/> Specialty Equipment <i>note: drinking fountain</i>
branding	<b>EQUIPMENT:</b> <input type="checkbox"/> Projector <input type="checkbox"/> Printer <input type="checkbox"/> Computer <input type="checkbox"/> Ice Machine <input checked="" type="checkbox"/> Wi-Fi <input checked="" type="checkbox"/> Sound System <input type="checkbox"/> Smart Board <input type="checkbox"/> Copier <input type="checkbox"/> Telephone <input type="checkbox"/> Lecturn <input type="checkbox"/> Air Compressor <input type="checkbox"/> <input type="checkbox"/> White Board <input type="checkbox"/> TV <input type="checkbox"/> Monitor <input checked="" type="checkbox"/> Screen <input checked="" type="checkbox"/> Bottle Filling <i>note: weight equipment, cardio machines</i>
	<b>IT:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Video/Cable <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Wireless Access
	<b>SOUND:</b> <input type="checkbox"/> Acoustic Wall(s) <input type="checkbox"/> Specialty HVAC <input type="checkbox"/> Door Seal <input checked="" type="checkbox"/> Acoustic Wall Panel <input type="checkbox"/> Other
	<b>SIGNAGE:</b> <i>rooms, emergency, vinyl graphics</i>
	<b>FURNITURE:</b>  <i>University of Tennessee - Softball Program Document - Data sheets</i>

**University of Tennessee Knoxville**

**SOFTBALL**

**Full Infield Indoor Practice**

<b>Department:</b>	<b>Softball Player Development</b> <i>Full Infield</i>	Quantity:	1
Occupancy:	20-50 People	Room NSF:	10,000
Adjacency:	Batting Cages & S&C	Total NSF:	10,000

**Room Description**  
Full infield with drop down nets for batting and pitching cages. Large volume space for full hitting practice. Open to adjacent cages and S&C, full range of hitting technology

**Basic Architectural Requirements**

finishes	<b>FLOORS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Carpet <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Vinyl Tile <input checked="" type="checkbox"/> Rubber <input type="checkbox"/> Concrete <input type="checkbox"/> Wood <i>notes: synthetic turf</i>
	<b>WALLS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input type="checkbox"/> Ceramic Tile <input type="checkbox"/> Masonry <input type="checkbox"/> Wood <input checked="" type="checkbox"/> Wall Covering <input type="checkbox"/> Mirrors
	<b>CEILINGS:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Painted <input checked="" type="checkbox"/> Exposed Structure <input type="checkbox"/> Wood <input type="checkbox"/> ACT <input type="checkbox"/> GWB <input type="checkbox"/> None
systems	<b>DOORS:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Interior <input checked="" type="checkbox"/> Exterior <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Wood <input type="checkbox"/> Other
	<b>WONDOWS:</b> <input type="checkbox"/> New <input type="checkbox"/> Interior <input type="checkbox"/> Exterior <input type="checkbox"/> Operable <input type="checkbox"/> Fixed <input type="checkbox"/> Shades <input type="checkbox"/> Other <i>note: clearstory windows</i>
	<b>HVAC:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Heating <input type="checkbox"/> Ventilation <input checked="" type="checkbox"/> Cooling <input type="checkbox"/> Specialty Equipment (see notes)
technology	<b>LIGHTING:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> General <input type="checkbox"/> Decorative <input type="checkbox"/> Dimmable <input type="checkbox"/> Task <input checked="" type="checkbox"/> Occupancy Sensing
	<b>POWER:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 120V <input type="checkbox"/> Low Voltage <input type="checkbox"/> 240V <input type="checkbox"/> 480V <input type="checkbox"/> Specialty Voltage
	<b>PLUMBING:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Lavatory <input type="checkbox"/> Water Closet <input type="checkbox"/> Shower <input type="checkbox"/> Mop Sink <input type="checkbox"/> Specialty Equipment <i>note: drinking fountain</i>
branding	<b>EQUIPMENT:</b> <input type="checkbox"/> Projector <input type="checkbox"/> Printer <input type="checkbox"/> Computer <input type="checkbox"/> Ice Machine <input checked="" type="checkbox"/> Wi-Fi <input checked="" type="checkbox"/> Sound System <input type="checkbox"/> Smart Board <input type="checkbox"/> Copier <input type="checkbox"/> Telephone <input type="checkbox"/> Lecturn <input type="checkbox"/> Air Compressor <input type="checkbox"/> <input type="checkbox"/> White Board <input type="checkbox"/> TV <input type="checkbox"/> Monitor <input checked="" type="checkbox"/> Screen <input checked="" type="checkbox"/> Bottle Filling <i>note: pitching screens, netting, ball machines</i>
	<b>IT:</b> <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Video/Cable <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Wireless Access
	<b>SOUND:</b> <input type="checkbox"/> Acoustic Wall(s) <input type="checkbox"/> Specialty HVAC <input type="checkbox"/> Door Seal <input checked="" type="checkbox"/> Acoustic Wall Panel <input type="checkbox"/> Other
	<b>SIGNAGE:</b> <i>rooms, emergency, vinyl graphics</i>
	<b>FURNITURE:</b>  <i>University of Tennessee - Softball Program Document - Data sheets</i>

# 6

# APPENDIX

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PREVIOUS DESIGN SCHEMES

ESTIMATED COSTS

# Existing



Indoor Facility



S&C



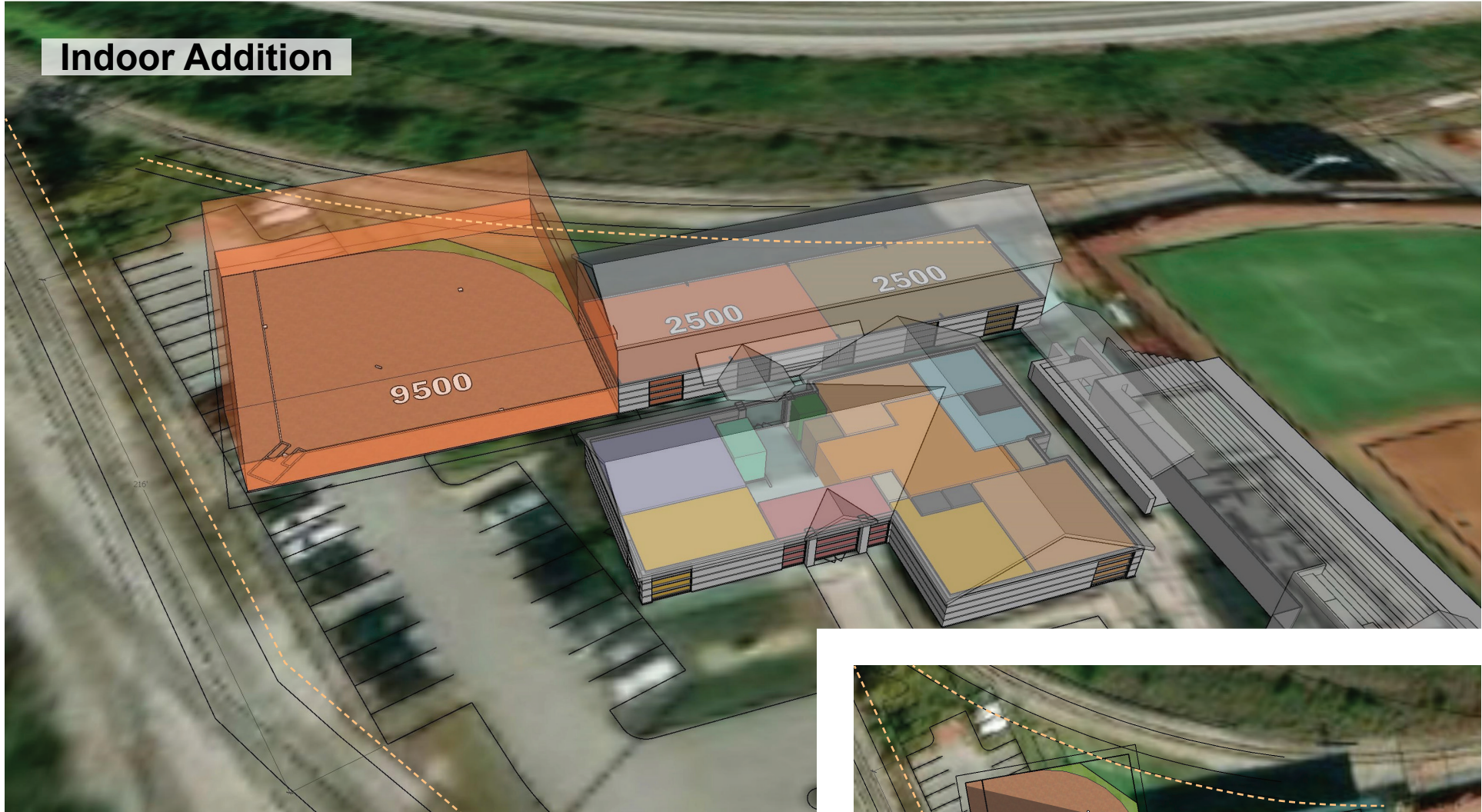
Cages



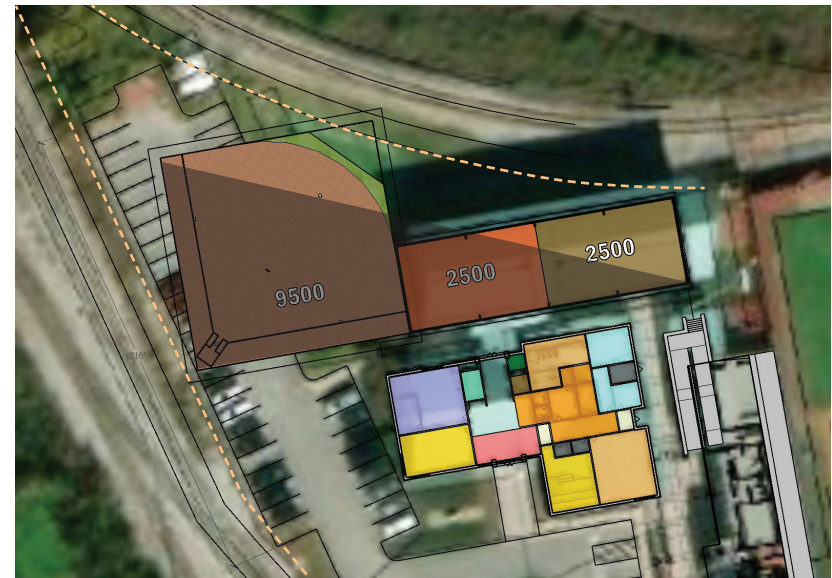
Offices



# Indoor Addition



- Indoor Facility
- S&C
- Cages
- Offices



# Keep Cages



Indoor Facility



S&C



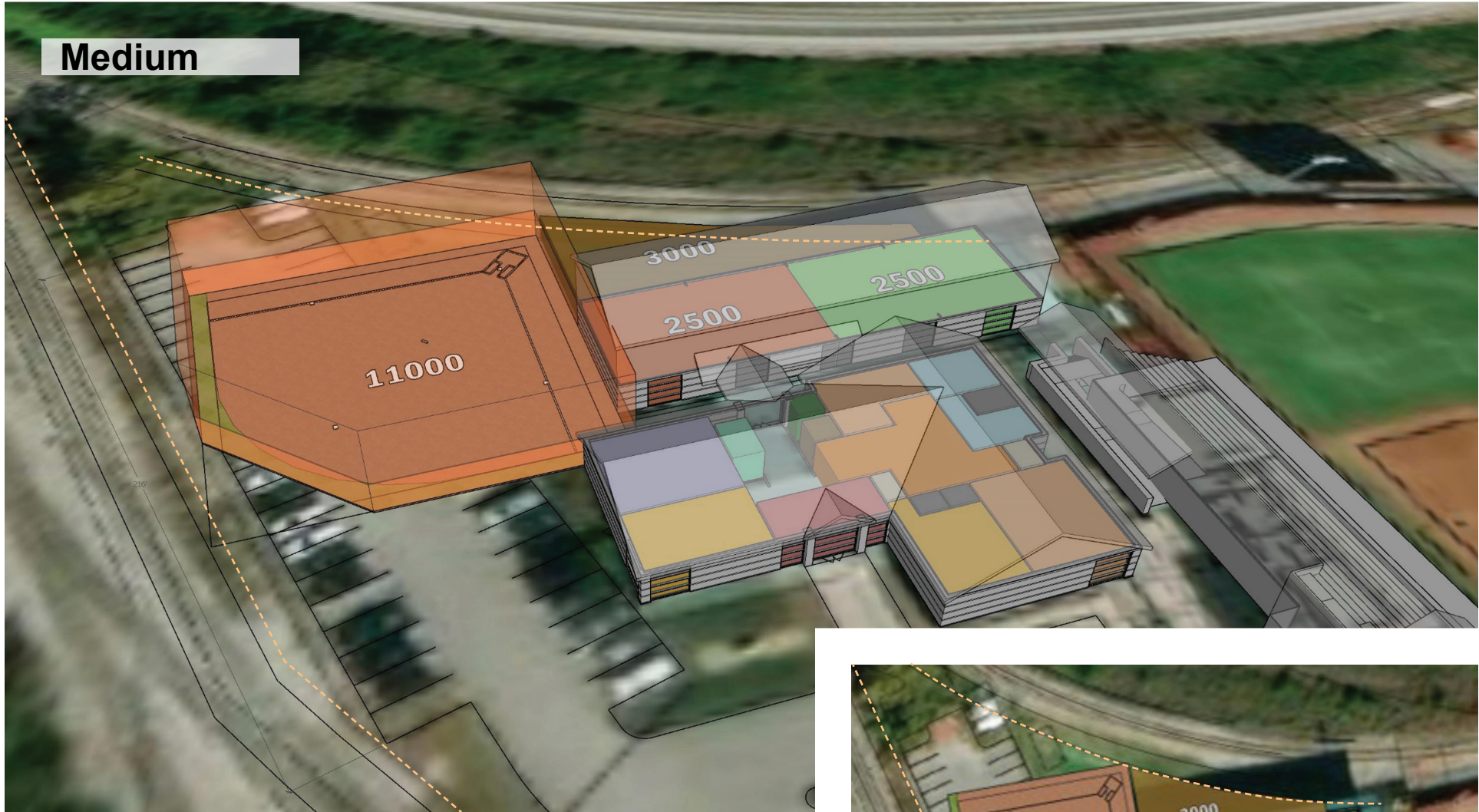
Cages



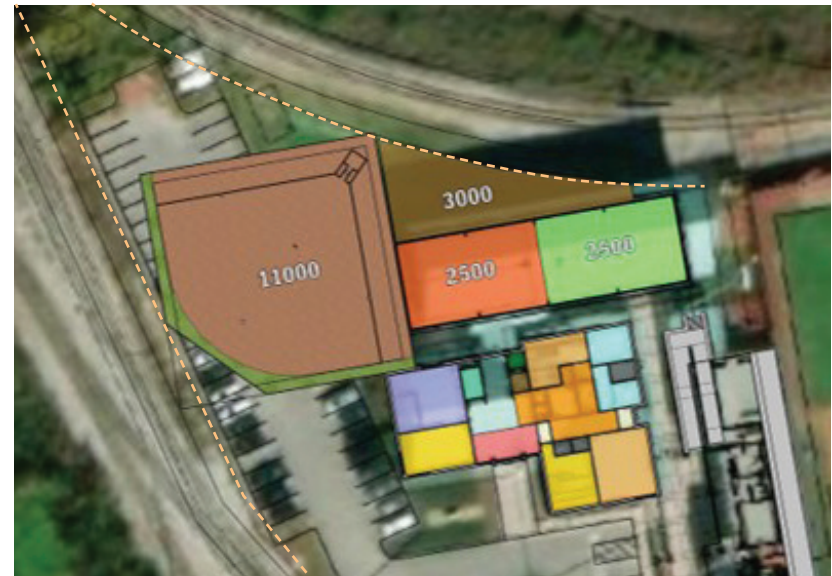
Offices



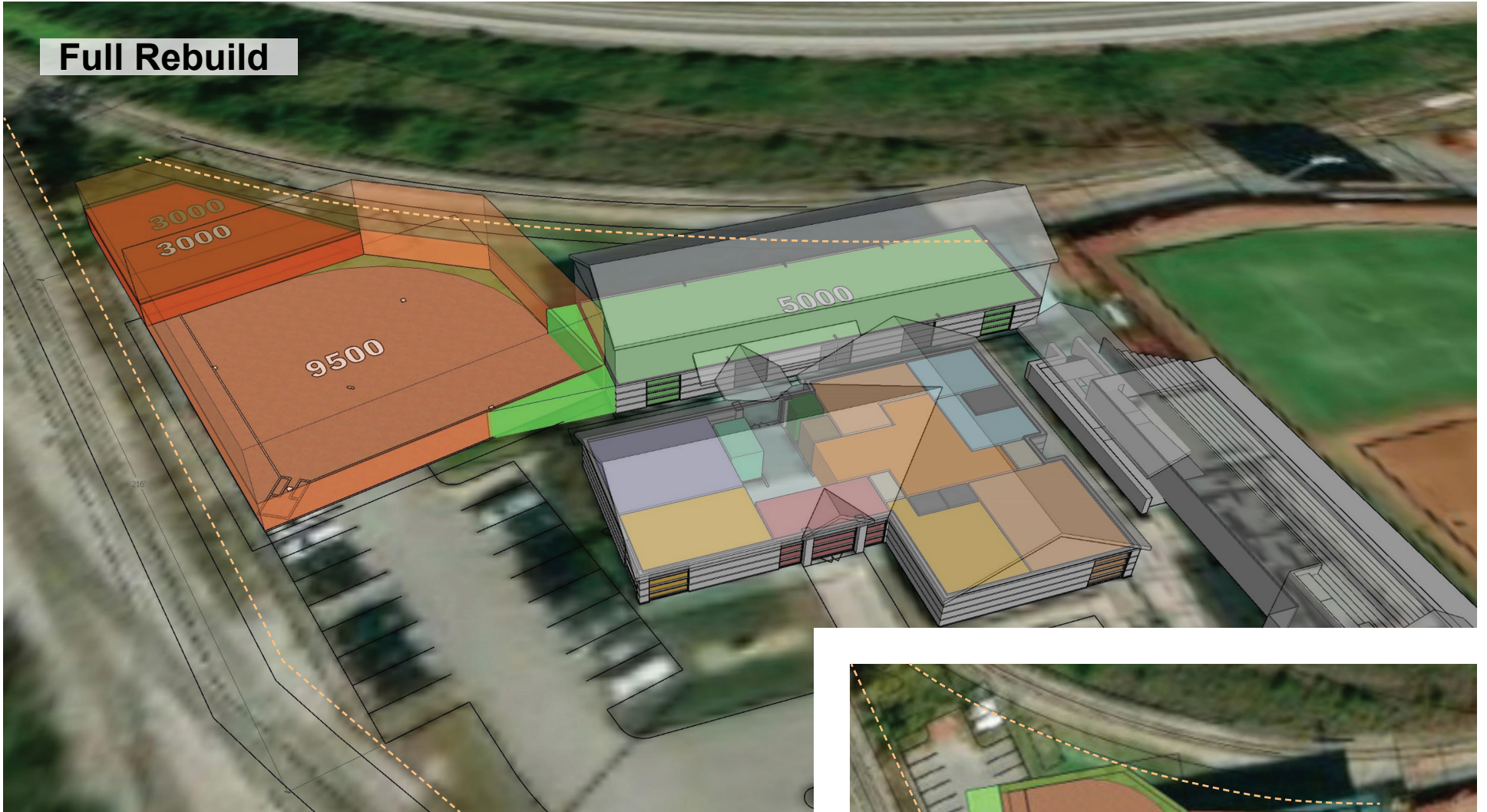
# Medium



- Indoor Facility
- S&C
- Cages
- Offices



# Full Rebuild



- Indoor Facility
- S&C
- Cages
- Offices





### EXECUTIVE SUMMARY

UTK Athletic Studies  
 Estimate: Cost Model 06  
 Date: January 27, 2023

	#1 New Indoor Field	#2 Batting Cages & Mezz Build	#3 Interior Reno
<b>Trade Costs</b>			
<i>Subtotal:</i>	\$ 3,980,014	\$ 2,234,386	\$ 628,203
<b>Contingencies</b>			
Estimating (pre-construction)	\$ 199,001	\$ 111,719	\$ 31,410
Design (pre-construction)	\$ 199,001	\$ 111,719	\$ 31,410
Construction	\$ 199,001	\$ 111,719	\$ 31,410
<i>Subtotal:</i>	\$ 597,002	\$ 335,158	\$ 94,230
<b>Indirect Costs &amp; Fees</b>			
General Conditions & Requirements	\$ 600,000	\$ 250,000	\$ 150,000
Bond, Insurance & Fee	\$ 306,968	\$ 167,360	\$ 51,684
Building Permit	\$ 16,418	\$ 9,850	\$ 4,393
Escalation 6.5% (on trade cost only) - Q3 2023 Start	\$ 297,506	\$ 167,020	\$ 46,958
<i>Subtotal:</i>	\$ 1,220,893	\$ 594,231	\$ 253,035
<b>Total Construction Cost:</b>	\$ 5,797,908	\$ 3,163,774	\$ 975,469
<b>Soft Costs - 30%</b>	\$ 1,739,372	\$ 949,132	\$ 292,641
<b>Total Project Cost (Construction + Soft Cost):</b>	\$ 7,537,281	\$ 4,112,907	\$ 1,268,110

**Total Project Cost (list above constructed consecutively):** \$ 12,918,297

**Alternate #1: Build 3,000 sf Coaches Addition on main level** Add \$ 1,915,831

**Qualification Note**

Project phasing requires construction build in order as presented above.

### Cost Model - Softball #1: New Indoor Infield

UTK Athletic Studies  
 Estimate: Cost Model 06  
 Date: January 27, 2023

Site Plan Components	Quantity	UOM	Unit Price	Total
<b>Demo Site / Prep</b>				
Site Demo & Prep	20,000	sqft	\$ 0.91	\$ 18,275
Demo Paving	1,000	sqft	\$ 2.28	\$ 2,284
<b>Hardscape</b>				
Vehicular Bituminous Pavement	8,000	sqft	\$ 5.76	\$ 46,053
Pedestrian Concrete Pavement	2,500	sqft	\$ 11.34	\$ 28,349
Vehicular Light Poles (w/ concrete base & 25' of wire)				
Light pole bases	8	each	\$ 456.88	\$ 3,655
Light poles	8	each	\$ 3,198.13	\$ 25,585
Light pole wire/conduit	400	lnft	\$ 15.08	\$ 6,031
Light pole wire/conduit - trenching	400	lnft	\$ 31.98	\$ 12,793
<b>Landscape</b>				
Lawn Areas & landscape (including irrigation)	7,000	sqft	\$ 3.53	\$ 24,690
<b>Allowances</b>				
Stormwater Detention	1		\$ 107,500.00	\$ 107,500
<b>Building</b>				
New indoor field (includes field)	9,700	sqft	\$ 351.79	\$ 3,412,399
Entry	250	sqft	\$ 292.40	\$ 73,100
Storage	550	sqft	\$ 292.40	\$ 160,820
Vestibule	200	sqft	\$ 292.40	\$ 58,480
<b>Subtotal - Trade Cost</b>				\$ 3,980,014
<b>Contingencies</b>				
Estimating Contingency	5.00%			\$ 199,001
Design Contingency	5.00%			\$ 199,001
Construction Contingency	5.00%			\$ 199,001
<b>Subtotal - Contingencies</b>				\$ 597,002
<b>Total Trade Costs + Contingencies</b>				\$ 4,577,016

UTK Athletic Studies  
 Estimate: Cost Model 06  
 Date: January 27, 2023

Site Plan Components	Quantity	UOM	Unit Price	Total
<b>Demo Site / Prep</b>				
Site Demo & Prep	20,000	sqft	\$ 0.91	\$ 18,275
Demo Paving	1,000	sqft	\$ 2.28	\$ 2,284
<b>Hardscape</b>				
Vehicular Bituminous Pavement	8,000	sqft	\$ 5.76	\$ 46,053
Pedestrian Concrete Pavement	2,500	sqft	\$ 11.34	\$ 28,349
Vehicular Light Poles (w/ concrete base & 25' of wire)				
Light pole bases	8	each	\$ 456.88	\$ 3,655
Light poles	8	each	\$ 3,198.13	\$ 25,585
Light pole wire/conduit	400	lnft	\$ 15.08	\$ 6,031
Light pole wire/conduit - trenching	400	lnft	\$ 31.98	\$ 12,793
<b>Landscape</b>				
Lawn Areas & landscape (including irrigation)	7,000	sqft	\$ 3.53	\$ 24,690
<b>Allowances</b>				
Stormwater Detention	1		\$ 107,500.00	\$ 107,500
<b>Building</b>				
New indoor field (includes field)	9,700	sqft	\$ 351.79	\$ 3,412,399
Entry	250	sqft	\$ 292.40	\$ 73,100
Storage	550	sqft	\$ 292.40	\$ 160,820
Vestibule	200	sqft	\$ 292.40	\$ 58,480
<b>Subtotal - Trade Cost</b>				<b>\$ 3,980,014</b>
<b>Contingencies</b>				
Estimating Contingency	5.00%			\$ 199,001
Design Contingency	5.00%			\$ 199,001
Construction Contingency	5.00%			\$ 199,001
<b>Subtotal - Contingencies</b>				<b>\$ 597,002</b>
<b>Total Trade Costs + Contingencies</b>				<b>\$ 4,577,016</b>

**Cost Model - Softball #1: New Indoor Infield**

UTK Athletic Studies  
 Estimate: Cost Model 06  
 Date: January 27, 2023

<b>Indirect Costs (fees)</b>				
General Conditions (\$60k/month)	8	mnth	\$ 60,000.00	\$ 480,000
Pre Construction Services				Excluded
General Requirements (25% of GCs)	8	mnth	\$ 15,000.00	\$ 120,000
Bonds	1.40%			\$ 72,478
General Insurance	1.25%			\$ 65,619
Building Permit				\$ 16,418
Escalation (on trade cost only) - Q3 2023 Start	6.50%			\$ 297,506
Overhead / Profit Fee	3.00%			\$ 168,871
State Tax	0.00%			Excluded
<b>Subtotal - Indirect Costs</b>				<b>\$ 1,220,893</b>
<b>Total Construction Costs (contingencies &amp; fees)</b>				<b>\$ 5,797,908</b>
<b>Soft Costs (typically reported percentage)</b>	30.00%			<b>\$ 1,739,372</b>
<b>Total Project Costs (Construction Costs + Soft Costs)</b>				<b>\$ 7,537,281</b>

UTK Athletic Studies				
Estimate: Cost Model 06				
Date: January 27, 2023				
Site Plan Components	Quantity	UOM	Unit Price	Total
<b>Building</b>				
Batting cages/pitching tunnels (HVAC only)	2,500	sqft	\$ 91.38	\$ 228,438
Exterior envelope upgrade (included offices)	10,304	sqft	\$ 8.50	\$ 87,584
Coaches Offices (new, mezzanine)	3,100	sqft	\$ 264.99	\$ 821,461
Coaches Offices Balcony	800	sqft	\$ 182.75	\$ 146,200
S&C	2,500	sqft	\$ 251.28	\$ 628,203
Elevator & associated structure	1	lsum	\$ 322,500.00	\$ 322,500
<b>Subtotal - Trade Cost</b>				<b>\$ 2,234,386</b>
<b>Contingencies</b>				
Estimating Contingency	5.00%			\$ 111,719
Design Contingency	5.00%			\$ 111,719
Construction Contingency	5.00%			\$ 111,719
<b>Subtotal - Contingencies</b>				<b>\$ 335,158</b>
<b>Total Trade Costs + Contingencies</b>				<b>\$ 2,569,544</b>
<b>Indirect Costs (fees)</b>				
General Conditions (\$40k/month)	5	mnth	\$ 40,000.00	\$ 200,000
Pre Construction Services				Excluded
General Requirements (25% of GCs)	5	mnth	\$ 10,000.00	\$ 50,000
Bonds	1.40%			\$ 39,474
General Insurance	1.25%			\$ 35,738
Building Permit				\$ 9,850
Escalation (on trade cost only) - Q3 2023 Start	6.50%			\$ 167,020
Overhead / Profit Fee	3.00%			\$ 92,149
State Tax	0.00%			Excluded
<b>Subtotal - Indirect Costs</b>				<b>\$ 594,231</b>
<b>Total Construction Costs (contingencies &amp; fees)</b>				<b>\$ 3,163,774</b>
<b>Soft Costs (typically reported percentage)</b>	30.00%			<b>\$ 949,132</b>
<b>Total Project Costs (Construction Costs + Soft Costs)</b>				<b>\$ 4,112,907</b>

UTK Athletic Studies				
Estimate: Cost Model 06				
Date: January 27, 2023				
Site Plan Components	Quantity	UOM	Unit Price	Total
<b>Building</b>				
S&C	2,500	sqft	\$ 251.28	\$ 628,203
<b>Subtotal - Trade Cost</b>				<b>\$ 628,203</b>
<b>Contingencies</b>				
Estimating Contingency	5.00%			\$ 31,410
Design Contingency	5.00%			\$ 31,410
Construction Contingency	5.00%			\$ 31,410
<b>Subtotal - Contingencies</b>				<b>\$ 94,230</b>
<b>Total Trade Costs + Contingencies</b>				<b>\$ 722,434</b>
<b>Indirect Costs (fees)</b>				
General Conditions (\$40k/month)	3	mnth	\$ 40,000.00	\$ 120,000
Pre Construction Services				Excluded
General Requirements (25% of GCs)	3	mnth	\$ 10,000.00	\$ 30,000
Bonds	1.40%			\$ 12,214
General Insurance	1.25%			\$ 11,058
Building Permit				\$ 4,393
Escalation (on trade cost only) - Q3 2023 Start	6.50%			\$ 46,958
Overhead / Profit Fee	3.00%			\$ 28,412
State Tax	0.00%			Excluded
<b>Subtotal - Indirect Costs</b>				<b>\$ 253,035</b>
<b>Total Construction Costs (contingencies &amp; fees)</b>				<b>\$ 975,469</b>
<b>Soft Costs (typically reported percentage)</b>	30.00%			<b>\$ 292,641</b>
<b>Total Project Costs (Construction Costs + Soft Costs)</b>				<b>\$ 1,268,110</b>



