

## Shippensburg University Athletic and Recreation Master Plan



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Chapter 1

EXECUTIVE SUMMARY

Proposed Master Plan Summary

## PROPOSED MASTER PLAN EXECUTIVE SUMMARY

The proposed Master Plan provides a template for the design and construction of new facilities, renovation of existing facilities and the demolition of one existing building.

The following recommendations are more fully developed in the full report, which follows.

### Recommendations

Replace Henderson Gymnasium to accommodate academic facilities and sports venues on a regulation court; new pool facilities; locker rooms, coaches' offices and other support facilities including the following:

- Exercise Science Department
- Women's Sports
  - Field Hockey
  - Lacrosse
  - Tennis
  - Soccer
  - Softball
  - Swimming
- Men's Sports
  - Soccer
  - Swimming
  - Wrestling (competition at Heiges)

Renovate and Expand Heiges Field House to accommodate sports venues, locker rooms, coaches' offices and other support facilities including the following:

- Women's Sports
  - Basketball
  - Volleyball
  - Track—All Seasons
- Men's Sports
  - Baseball
  - Basketball
  - Track—All Seasons
  - Wrestling (competition)
- Coaches' offices: Women's—Basketball, Volleyball, Track; Men's—Baseball, Basketball, Track, Football (interim basis)

Renovate and Expand Seth Grove Stadium to accommodate locker rooms, and other support facilities including the following:

- Men's Sports
  - Football
- Press Box and VIP Seating with Elevator

Eventually, these upgraded lockers will be for visiting teams.

Construct New Athletics Building (on the existing North Campus practice fields) to house locker rooms, coaches' offices and other support facilities, such as Sports Medicine, for the following sports:

- Men's Sports
  - Baseball
  - Football
  - Track—All Seasons
- Women's Sports
  - Track—All Seasons

Construct an Indoor Track Facility (adjacent to the New Athletics Building). The new facility would provide sports venue, and other support facilities for the following:

- Men's Sports
  - Track—All Seasons
- Women's Sports
  - Track—all Seasons

Intermittent Projects are also recommended. These are named projects which the University could undertake with internal staff or might contract separately from the larger construction and renovation projects. They include the following:

- Robb Field
  - Spectator Restrooms
  - Officials Locker Rooms
  - Official Meeting Room
  - Bleacher Seating
  - Lighting
- Fairchild Field
  - Spectator Restrooms
  - Concession & Ticket Stands
  - Lighting
- Heiges Field House
  - Recess Wood Floor
  - Renovate Racquetball Courts to Offices & Locker Rooms
  - Air Conditioning
- Seth Grove Stadium
  - Lighting
  - Resurface Track (completed during study)
  - Track Scoreboard (completed during study)
  - Exterior Wall, Paint, Shippensburg Signage
  - Concrete Floors in Storage Areas

## Estimated Costs

The following costs are estimated on a 2011 SF basis and include demolition, construction and estimated soft costs.

<u>Replace Henderson Gymnasium</u>	\$ 31,015,172
<u>Expand and Renovate Heiges Field House</u>	\$ 20,665,457
<u>Renovate and Expand Seth Grove Stadium</u>	\$ 7,071,059
<u>Future Athletic Building</u>	\$ 9,992,152
<u>Construct an Indoor Track Facility</u>	\$ 32,330,000
<u>Intermittent Projects</u>	
<u>Seth Grove</u>	\$ 1,048,000
<u>Heiges Renovations</u>	\$ 1,824,425
<u>Fairchild Field</u>	\$ 1,134,500
<u>Robb Field</u>	\$ 901,000
<b>Total Estimated Project Costs</b>	<b>\$105, 981,765</b>

## Chapter 2

## PROJECT DESCRIPTION

Mission Statements  
Goals & Objectives  
Planning Process  
Existing Facilities Assessments  
Existing Floor Plans



## **SHIPPENSBURG UNIVERSITY MISSION STATEMENT**

Founded in 1871, Shippensburg University of Pennsylvania is part of the State System of Higher Education and serves the educational, social, and cultural needs of students mainly from south central Pennsylvania but also other national and international regions.

Shippensburg offers bachelor's and master's degree programs in the colleges of arts and sciences, business, and education and human services to develop students' abilities to think logically, read critically, write clearly and verbalize ideas in an articulate manner.

The goal is to have students develop to their upmost the intellectual, personal and social capabilities through innovative teaching and high-quality out-of-class experiences. The University supports classroom and practical educational experiences including student life and activities programs to assist students in their personal, social and ethical development.

Committed to public service and community relationship the University works closely with other regional organizations to share resources and invest cooperatively in the future of the region.

## **ATHLETIC MISSION STATEMENT**

The mission of intercollegiate athletics is to provide quality athletic programs for students by providing budgets, scholarships, financial aid; equipment and supplies, full-time coaching staff, support staff; indoor and outdoor facilities; public relations staff and other related resources.

- The Shippensburg University athletic experience:
- Helps prepare the student-athlete for life-long accomplishment
- Provides an environment conducive to academic and athletic success
- Encourages the achievement of individual and team competition
- Promotes appreciation among varying genders, races, religions, national origins and sexual orientations while representing the institution.

The Department of Athletics consistently reflects the high standards of the National Collegiate Athletic Association (NCAA), the Pennsylvania State Athletic Conference and Shippensburg University.

## **EXERCISE SCIENCE MISSION STATEMENT**

The mission of the Department of Exercise Science is to foster professional preparation of students by incorporating theory, applied experiences, and research-based opportunities for scientific inquiry. The program strives to academically prepare students to support the human services industry in the Mid-Atlantic Region.



## **PROJECT DESCRIPTION**

Shippensburg University of Pennsylvania promotes and encourages athletic performance for undergraduate students, women and men, in twenty varsity sports. The University provides facilities, fields and venues for intercollegiate athletic competition on the Northern and Southern portions of campus. In addition to the varsity sports, outdoor recreation venues are focused on the North Eastern edge of campus. Academic programs associated with athletic facilities have relocated multiple times and the current location limits growth for a popular program. A complete program of education, athletic training, practice and competition over the fall, winter and spring seasons places a strain on fields, indoor facilities, coaching spaces, medical facilities and fan amenities. Due to a full schedule of camps and conferences, there is no relief on the facilities during the summer. A new student recreation facility, completed in 2008 provides excellent facilities for a wide variety of sports and fitness activities and is heavily used.

Administration, Faculty and Coaching Staffs remain committed to the programs. However, facilities which were constructed decades ago have not been renovated or upgraded to meet current athletic standards. This is beginning to affect recruitment of both student athletes and coaching staffs. In addition, facilities do not meet current building codes; renovations will trigger upgrades both in accessibility and fire prevention as well as aesthetic improvements.

A variety of facility assessments have been completed over the years, yet proposed renovations and construction have not been implemented. In spite of prior plans, the University Foundation has completed the construction of a conference center in areas well-suited for athletics expansion. In 2010, the University embraced the challenge to provide an athletic master plan for all the necessary athletic facilities that will, in a manner compatible with the overall Campus Master Plan, guide the construction and execution of improvements to campus facilities and amenities for intercollegiate athletics, campus recreation and academic pursuits. This plan is to provide the backbone for support of University athletics and recreation facilities and stand up to the scrutiny of the PASSHE System planning process.

## **Goals and Objectives**

Shippensburg University's Administration, Faculty and Athletic Department share a unified vision for sports participation and success. Athletes should have the opportunity to develop their skills and to perform those skills in the presence of supporting friends, family, colleagues and the community at large. Good students can be good athletes and everyone who participates in sports can benefit from functional spaces and facilities.

Following the lead of the NCAA, Shippensburg believes that athletics benefits students, as a part of overall student learning and growth. Through consistent training in scheduling, organizational skills, cooperation and competition, athletics during college prepares men and women for their place in the world after graduation.

### **Meet the Quality Needs for Indoor Facilities**

Most current indoor facilities are outdated in comparison to competitor's facilities. The result is not only limitations and conflicts on practice time but also limits on space for academic research. Shared use creates damage to facilities and equipment with little recourse for maintenance or repair. Some facilities limit the opportunities for hosting regional tournaments and competitions. SU's indoor facilities should meet the competitive, intercollegiate standard for public universities in PA for all twenty varsity sports including facilities for the athletes, the coaches, the officials and the fans. In addition, facilities should provide attractive recreation and fitness venues for students; and provide quality facilities for Exercise Science academic programs, faculty and administrative services.

### **Relieve the Pressure on Existing Facilities**

Given the regional climate in Shippensburg and the current practice of year round training for student athletes, the indoor athletic facilities are overused and stressed. All sports should have sufficient indoor facilities to accommodate practice in inclement weather and at reasonable hours of the day. At the same time, academic uses and campus recreation should have access to indoor facilities without conflict with varsity athletics. SU encourages the campus community, camps and conference use of facilities, which should not conflict with athletics or academic uses. This accommodation means additional indoor spaces are required.

### **Provide Amenities for Supportive Fans and Community**

Athletes devote many hours of their college time to training, practicing and performing athletic competition on behalf of the University. Spectators and fans bring more than financial support to the University; they bring their spirit to the competition. Facilities for intercollegiate athletic performance and competition should provide for fan amenities. These should include ticket sales, seating; accessible space for broadcast and press; food and concessions; accessible restrooms; and accommodations for security and police personnel.

### **Improve the Support Facilities of Outdoor Fields**

All outdoor varsity sports should have practice and performance fields that meet intercollegiate standards. Further, the varsity fields, particularly when their improvements have been funded by student fees, should be available to all students. A higher level of use has already required a higher level of endurance inherent in the materials chosen for the varied competition fields, such as Seth Grove Stadium and Robb Field's artificial turf. Further attention needs to be paid to the oversight of these fields so that opportunities to damage the fields by unsupervised groups are held in check.

### **Provide Dedicated Locker Space for Each Student Athlete**

Although most student athletes train individually or as a group during the entire school year, individual assignable space has never been available in the locker rooms. A goal of this Master Plan is to provide an assigned locker room to each student athlete for the a given year.

## **PLANNING PROCESS**

The athletics master planning process began in May 2010 with a meeting between DRS Architects and the proposed Steering Committee from Shippensburg University. Over the next year, additional on-site meeting and numerous conference calls allowed for dialogue between the design team and the Master Plan Steering Committee, Athletics Department, Facilities, Department of Sports Medicine, and the Exercise Science Department. During these workshops and discussions, the following activities were performed:

### **Goal Setting & Programming**

Interviewing user groups provided substantial information for determining the overall usage on the athletic facilities. Through these discussions with coaches, administrators, faculty, staff and students, the initial programming exercise could begin. Input from all stakeholders was necessary to address current and future needs for building and field programs.

### **Facilities Assessment**

Tours of Heiges Field House, Henderson Gymnasium, Seth Grove Stadium, ShipRec and the Davis House provided information regarding present use and condition of indoor facilities as well as goals for future use. A building across Earl Street from the campus called the Hoffman Mills, currently owned by the University Foundation, was also toured to determine whether it could be appropriately renovated for athletics or recreational use. In addition, visitation of the Robb Sports Complex, Fairchild Field, Eckles Field and the Student Recreation Complex as well as outdoor portions of Seth Grove Stadium, provided information regarding the current condition and future use of outdoor venues.

The architectural team used the information gathered to offer recommendations on future usage of the facilities and to determine the required additional program space.

### **Concepts and Alternatives**

The design team developed presentations for discussion purposes with the Steering Committee base on information from the interviews, meetings, site & facilities visits and programming exercise. The schemes address the program and sites in different ways, concentrating on different aspects of site circulation and program distribution. In the first presentation, some ideas were eliminated and the Committee focused on others as potential solutions to the challenges the University currently faces with athletic and recreation facilities.

Additional research and an additional site visitation confirmed and verified data needed for the development of an effective solution.

### **Phasing Plan**

Phasing Plans were discussed in detail. Short term projects, those under \$1.5 M were pulled from the list as projects that could be developed by the University themselves, without working through the Department of General Services long-term schedule.

### **Draft Report and Presentation to Executive Management Team**

A draft report was developed and presented to the University Steering Committee for review. In addition, a presentation was prepared by DRS Architects and presented to the EMT.

### **Final Report**

Refinement of the approved program and design direction developed during previous phases of the process culminated in the final Master Plan report. Site plans and representative building plans illustrate concepts and character of the proposed facilities. The report will serve as reference for future athletics, recreation and academic growth and improvements at Shippensburg University.

## Existing Facilities Assessments

### North Campus



The facilities in the area of the North Campus are a combination of indoor and outdoor facilities meeting the needs of athletics, recreation and academic functions currently associated with athletics.

- **Seth Grove Stadium**

Home of the football and a track & field program, Seth Grove Stadium utilizes a synthetic track and artificial playing field. Seating capacity is 7,700 with both home team and visiting team bleachers. Home team locker rooms, an equipment room, sports medicine area, rest rooms, concession stands, offices and storage space are located underneath the home team grandstand. The visiting teams dress in nearby Heiges Field House. The field features a synthetic surface and the track is Recorten. From dawn to dusk, lanes 4 through 8 of the Seth Grove Stadium Track are available for recreational walkers and runners unless varsity athletics practice or games are in progress.



All indoor areas beneath the existing home team bleachers require major renovations to provide competitive athletic facilities. These facilities do not currently meet accessibility standards. Existing team locker rooms have low ceilings, inefficient lighting and inadequate storage. During this study, new epoxy flooring was poured. Mechanical rooms currently house storage of equipment and clean laundry. Coaches' lockers and officials' lockers currently located in this facility are undersized and inadequate.



A training facility exists in this space, but is badly in need of renovations. Storage areas under the bleachers are not weatherized and have no floor. The press box is basic and could be much improved; it is not accessible; power and data connections are inadequate. The outdoor filming area adjacent to the press box is unsafe. There is no special seating or box area for administration, donors or honored alumni.



This venue provides no outdoor lighting for this football field or track, which limits use for evening football and could limit scheduling for high school track events and inter-collegiate track meets. The existing scoreboard does not electronically tally time for track and field events.

Since the resurfacing of the field to artificial turf was paid for with student fees, there is consensus that the field should be available for recreational activities as well as athletic practice and events.

In addition, first time visitors to SU accessing the University from the PA Turnpike face the back side of the stadium on approach to campus. This first impression is not an attractive image due to the exposed steel and other functional, but not aesthetically pleasing, materials used for this functionally



“back of house” area. Physical plant and maintenance use this area for storage of equipment; a 911 call center facility is located here; various black covers or curtains hang from cables. Together these provide a haphazard first impression of campus.





- **Fairchild Field**

This baseball facility is a natural grass and dirt field with dugouts, backstop and spot tarps for pitcher's mound and home plate. Renovations in 2006 provided new fencing at the outfield and extended the field to 330 ft. at the foul lines and 400 ft. at center field. When the field was installed, it drained well and was considered one of the best fields in the PSAC. It no longer drains well and the situation is under investigation.



Solar orientation could be improved, as the batters face due south, but this would be a prohibitively expensive change. No permanent toilets, lockers concessions or other amenities exist for this field for players, coaches or officials. Portable toilets are located for athletes, visitors, press and coaches. There is no press box and no data connections for the press.

Metal bleachers provide seating and capacity is listed at 500. No outdoor lighting exists to extend play into the evening.







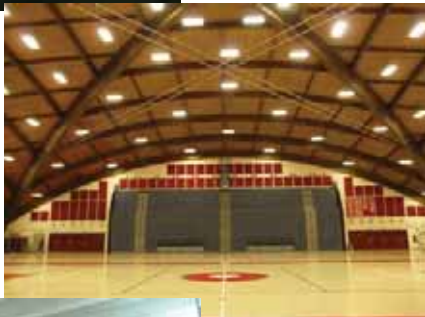
- **ShipRec**

Opened in 2008, Ship Rec provides 62,000 SF of indoor facilities for the recreation needs of SU students:

- o 39 cardiovascular machines with individual televisions
- o 4 multi-purpose courts for volleyball, basketball, and racquet sports
- o 1,800 square foot group fitness studio
- o Elevated running track
- o Racquetball and squash courts
- o Day lockers and locker rooms

These top notch facilities provide for the needs of recreation, fitness, intramural and club sports. The Exercise Science Department also interacts with the public at this venue, although space and time is limited by recreational events.

The schedule of events and student use is consistently high at ShipRec.



- **Heiges Field House**

Built in 1971, Heiges Field House provides facilities for men's and women's basketball, men's and women's swimming, women's volleyball and men's wrestling. At that time, the arena was the second largest wood domed structure in the U.S. and featured a synthetic playing surface. The public toilet facilities for visitors and fans are inadequate to meet current code requirements, both for the number of fixtures and accessibility requirements. While an elevator exists within this three-level building, it is small and cannot accommodate equipment that needs to be moved between levels. Coaches' offices are located adjacent to the wrestling area, the pool, on the second floor and within the entry lobby of Heiges Field House.

The arena has a seating capacity of 2,768 for basketball and wrestling.

Heiges Field House features a six-lane 25-yard swimming pool with electronic timing devices, which limits hosting events. There is no warm up pool.

In 2007, a modular hardwood floor was purchased to improve basketball competitions. While the surface is excellent, it takes maintenance staff many work hours to assemble or remove; the transition edge was not purchased (due to storage constraints), so the floor edge is a tripping hazard. With the modular floor in place, the arena cannot be used for wrestling tournaments or training in other sports. The area can be used for intercollegiate wrestling competitions.

Heiges Field House also houses 6,000 SF of renovated space for an athletics fitness facility, which improved the quality of this facility. An improved rehabilitation area was developed in a former storage area. The entire gymnasium air handling system must be turned on to provide heat to this rehab area, a major energy inefficiency.

The building is not air conditioned.

Some coaches' offices are located at Heiges Field House, including those of the Athletic Director and staff. Other coaches' offices are located on the first and second floors.



- **Davis House**  
The Davis House property is a leased facility which houses approximately eight coaches' offices in varying sizes, and student athlete study areas. Some study areas are individual cubicles; other areas include a study lounge. The goal is to vacate this residential quality facility when additional coaching offices are available through construction or renovation on campus.



- **Student Recreation Complex**

A lighted, 12-acre multipurpose recreational facility is located at the Northeast of campus. A 2000 SF pavilion provides picnic facilities for 110. Restrooms are available. A nearby facility provides space for deck hockey or skating. Two softball fields are located in this area for use by Intramural Softball League and many other applications. Two sand volleyball courts and two basketball courts are near the Pavilion. In addition there is a 6 ft. wide, 827 meter walking path that is available for walking and rollerblading. It is lighted 24/7 and has emergency call stations available on the circuit.

A portion of the area lies within a flood plain and areas can be unusable during times of heavy rain.

- **Other North Campus Facilities**

Two lighted volleyball courts which existed at the beginning of the study have been removed for new campus housing to be constructed.





## South Campus

- **Henderson Gymnasium**

Built in 1937, Henderson Gymnasium is located near the more historic area of the campus near Old Main. There is no elevator in this building, whose facilities are located on four different levels. Toilet rooms are located in the lobby for use by the public; the number of fixtures is inadequate, does not meet current code and facilities do not meet accessibility standards. Ceiling heights within the building are extremely low and ductwork is exposed and ceiling mounted.

The building houses the newly renovated Exercise Science Department, a rapidly growing department whose facilities are over-crowded. The existing footprint of the program does not include all of the classrooms, conference rooms and other facilities that could improve the overall growth and function of the program.

Henderson Gymnasium supports the field hockey, softball, men's and women's soccer, and lacrosse and tennis.

The gymnasium in Henderson Gymnasium is not regulation size for either volleyball or basketball.

The pool in Henderson is defunct and currently used for storage. There is an inadequate laundry room and sports equipment room in Henderson Gymnasium, as well as an inadequate, undersized sports medicine area.





- **Robb Sports Complex**

The Robb Sports Complex features Robb Field, the home of the women's softball team. This area also features an artificial turf field for men's and women's soccer, lacrosse and field hockey. For soccer, the field is called David See Field; for lacrosse and field hockey, it is called Kraiss Field. The field is lighted, which extends the opportunity for evening play. The Robb Sports Complex tennis courts are shared between varsity tennis and recreational activities.

A small building exists which houses a ticket booth and storage..

The locker facilities in nearby Henderson Gymnasium are used for these sports and are inadequate in number. These facilities have not been upgraded since the building was originally constructed.

No spectator toilets exist at the field, which means that spectators trek to Henderson Gymnasium to use the toilets.



- **Eckels Field**  
Located at the point closest to the town of Shippensburg, Eckels Field provides alternative facilities for recreation. While restrooms exist at the site, they are undersized and do not meet current requirements. This field area is not regularly maintained and could be improved for more usage. It is distant from other campus recreation facilities and from student housing.





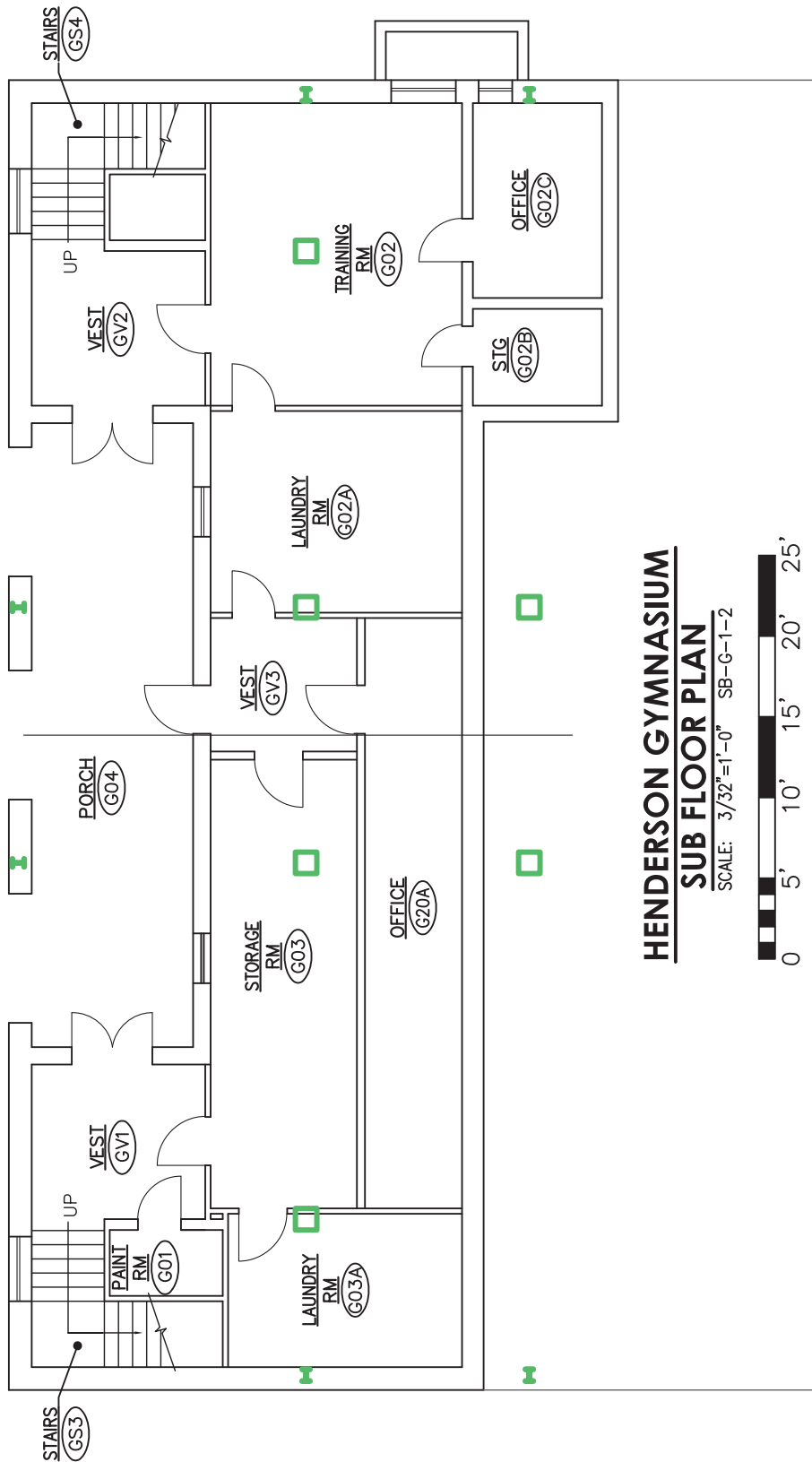
- **Hoffman Mills Building**

As a part of this study, DRS toured the Hoffman Mills Building, across Earl Street from the campus; south near Eckels Field. This facility was purchased by the Foundation and is currently empty. Some improvements were required when the building ownership transferred including new piping enclosed in a newly constructed room.

This warehouse and manufacturing building is constructed of split face block and metal panel. The building is divided into two sections by a concrete block wall that is likely not to be structural. The building has a regular grid of columns supporting the beams and roof structure and a concrete floor. High efficiency warehouse lighting is installed throughout. There are four loading dock doors at the rear of the building. One side features a carpeted second floor, intended for office use. This area features a few offices along one wall and open area for partition systems. There is no elevator to the second floor.

This building is quite distant from the densely populated student or athletic areas of campus. The ceilings are not high enough for volleyball or for pole vault, indoors. The columns interfere with potential layouts for other sports. The overall dimensions of the building will not accommodate an indoor track or allow for proposed seating for spectators.

Another use should be found for this facility.



↑	CARD READER LOCATION
K\$	KEYED SWITCH ENTRY
♿	ADA ENTRANCE
120B	= ROOM NUMBER
910	= USE CODE
488	= AREA / ROOM SQFT
FLOOR PLAN UPDATED LAST: 6/25/2008	
TOTAL GROSS SQFT =	46,985 SqFt



↑

CARD READER LOCATION

⌘

KEYED SWITCH ENTRY

♿

ADA ENTRANCE

120B

= ROOM NUMBER

910

= USE CODE

488

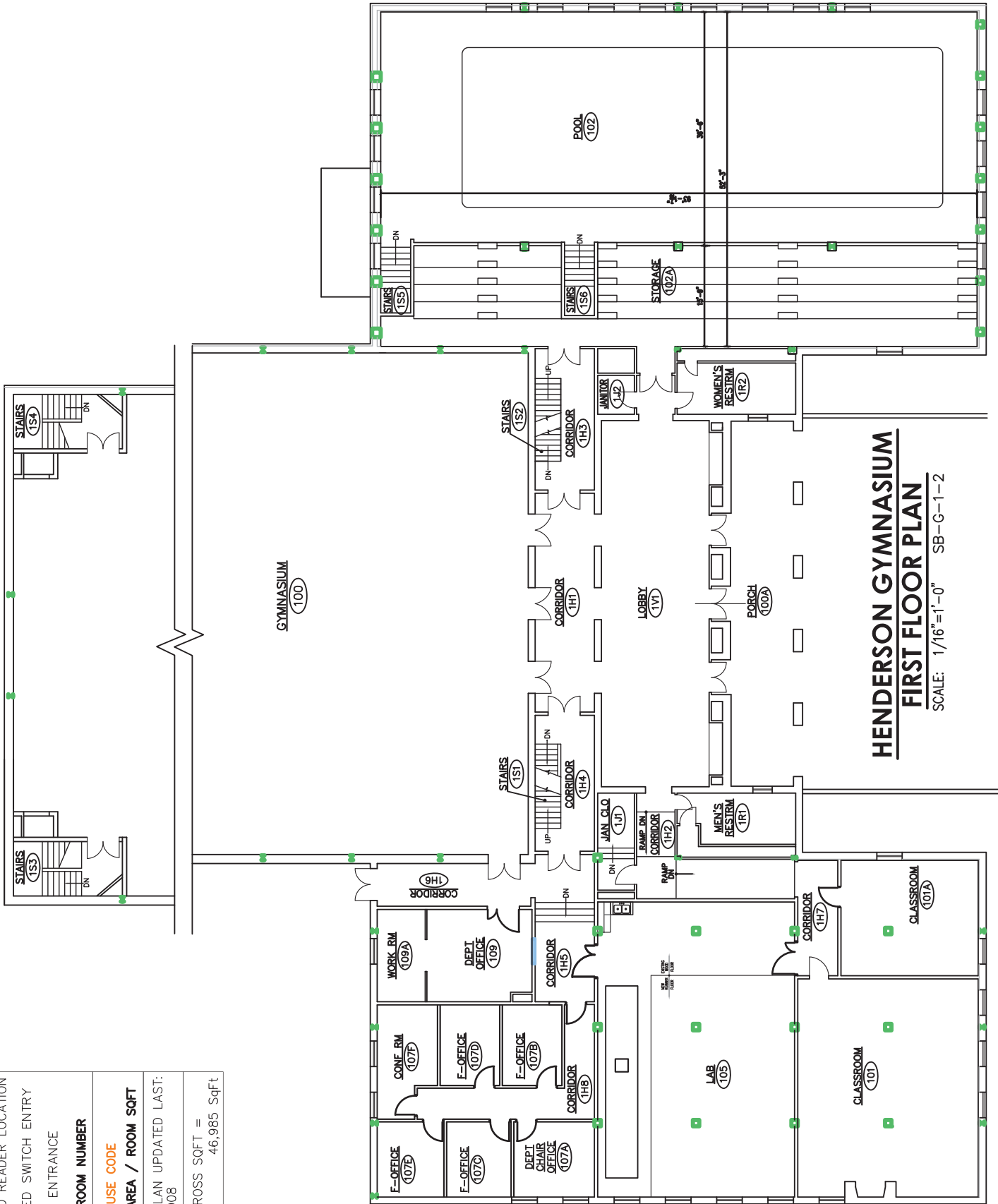
= AREA / ROOM SQFT

FLOOR PLAN UPDATED LAST:

6/25/2008

TOTAL GROSS SQFT =

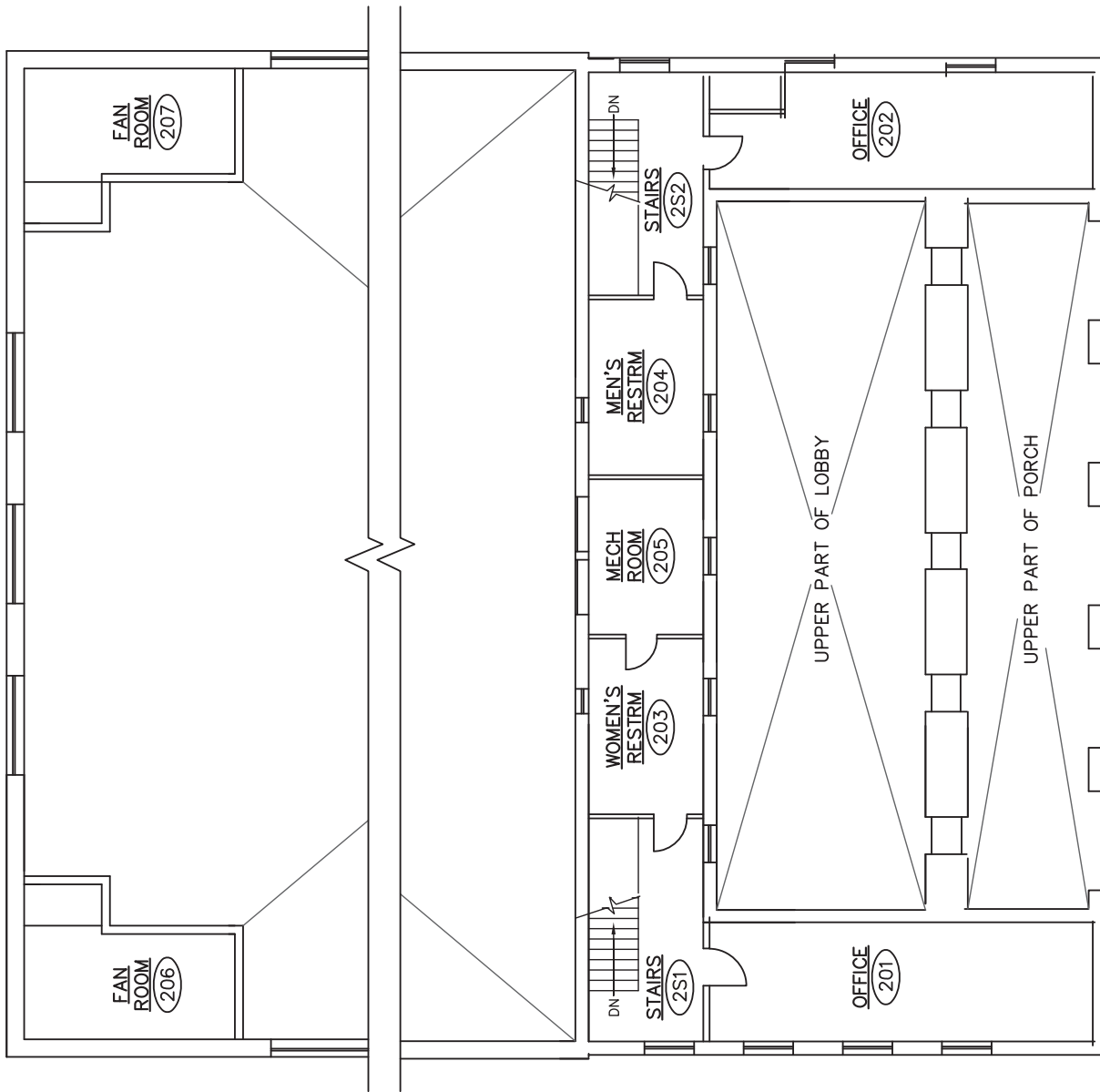
46,985 Sqft



# HENDERSON GYMNASIUM FIRST FLOOR PLAN

SCALE: 1/16"=1'-0" SB-G-1-2

↑	CARD READER LOCATION
K\$	KEYED SWITCH ENTRY
♿	ADA ENTRANCE
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<b>910</b>	<b>= USE CODE</b>
<b>488</b>	<b>= AREA / ROOM SQFT</b>
FLOOR PLAN UPDATED LAST: 6/25/2008	
TOTAL GROSS SQFT =	46,985 Sqft

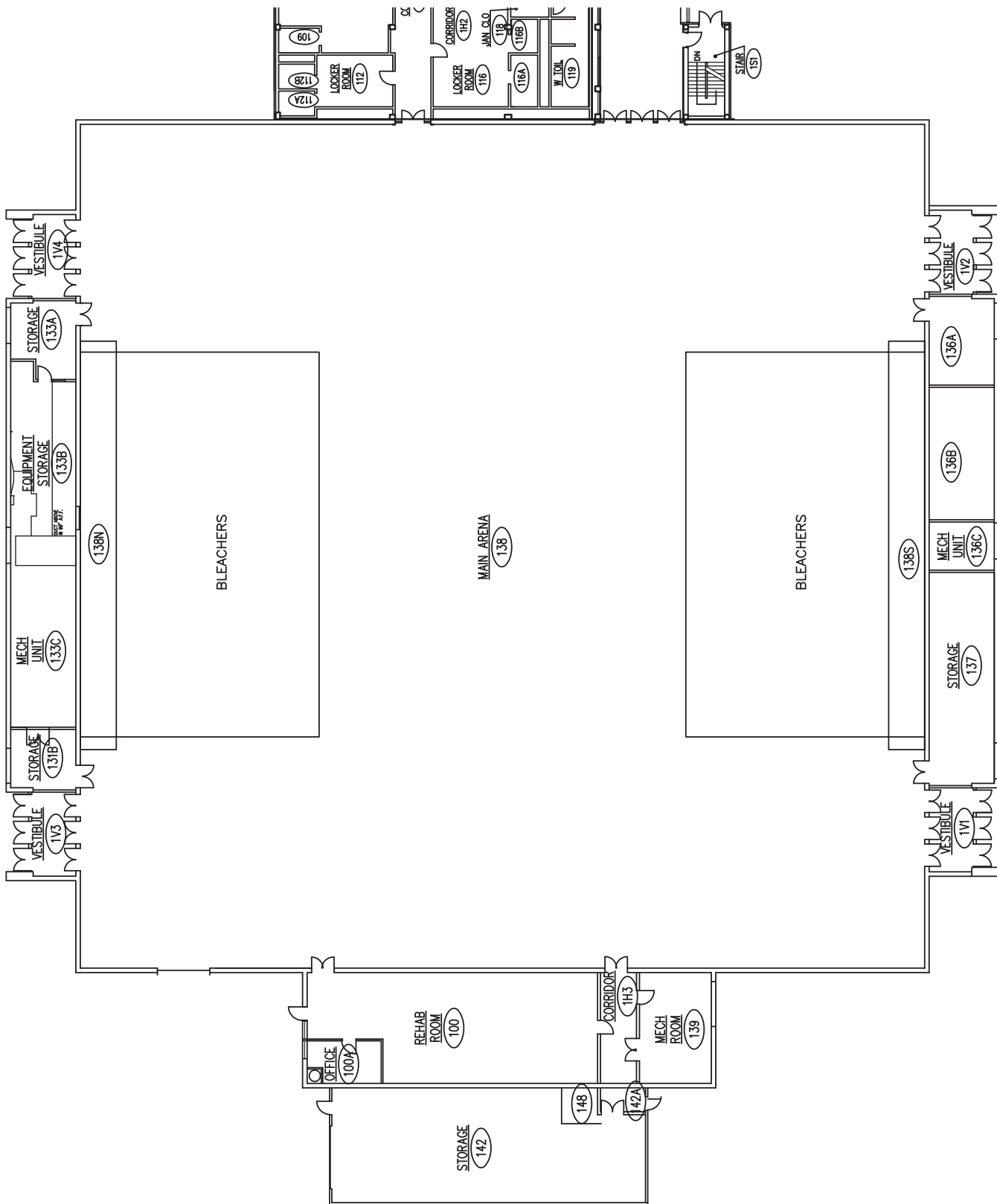


## HENDERSON GYMNASIUM SECOND FLOOR PLAN

SCALE: 3/32" = 1'-0" SB-G-1-2



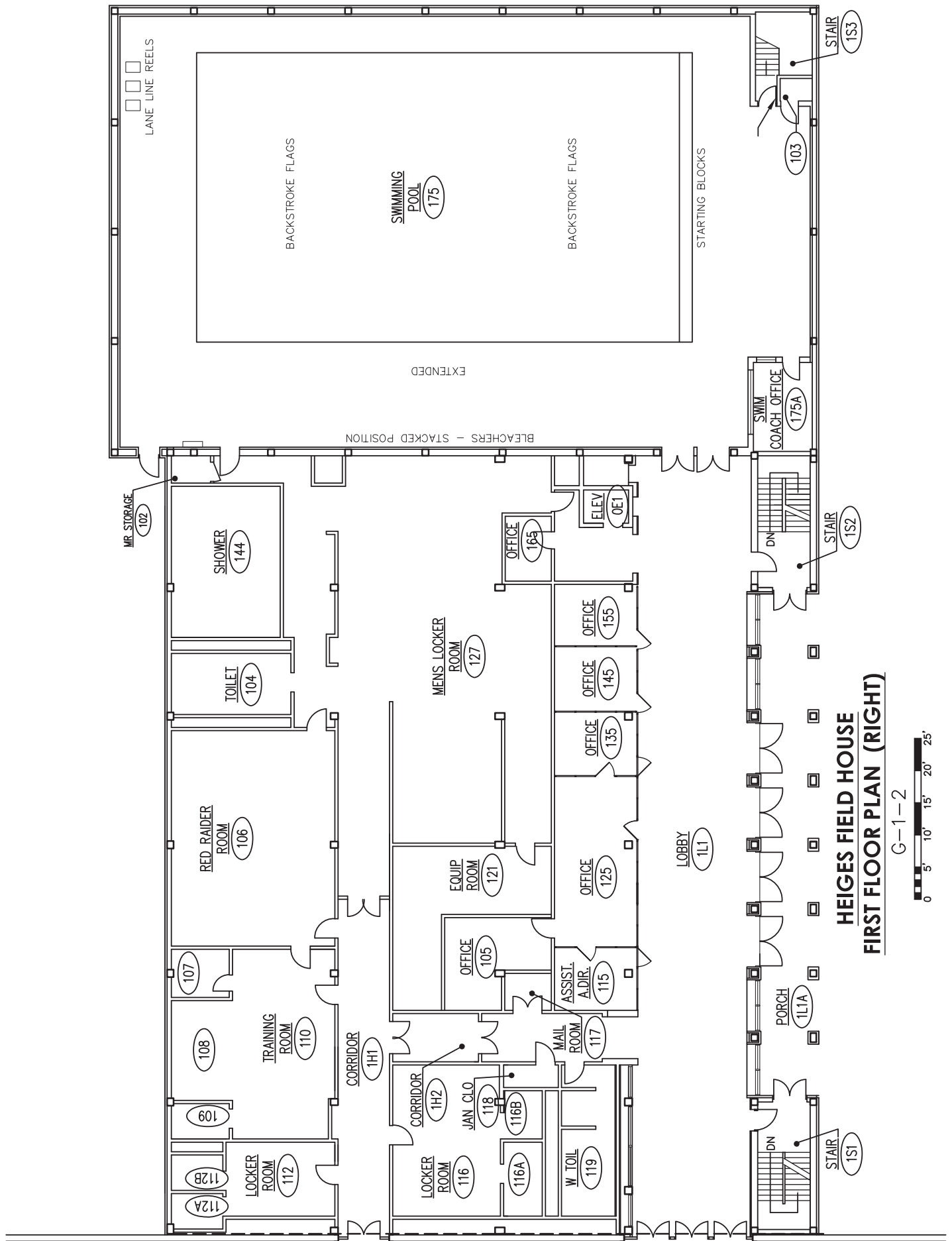




HEIGES FIELD HOUSE - ARENA

SCALE: 1/32" = 1'-0"

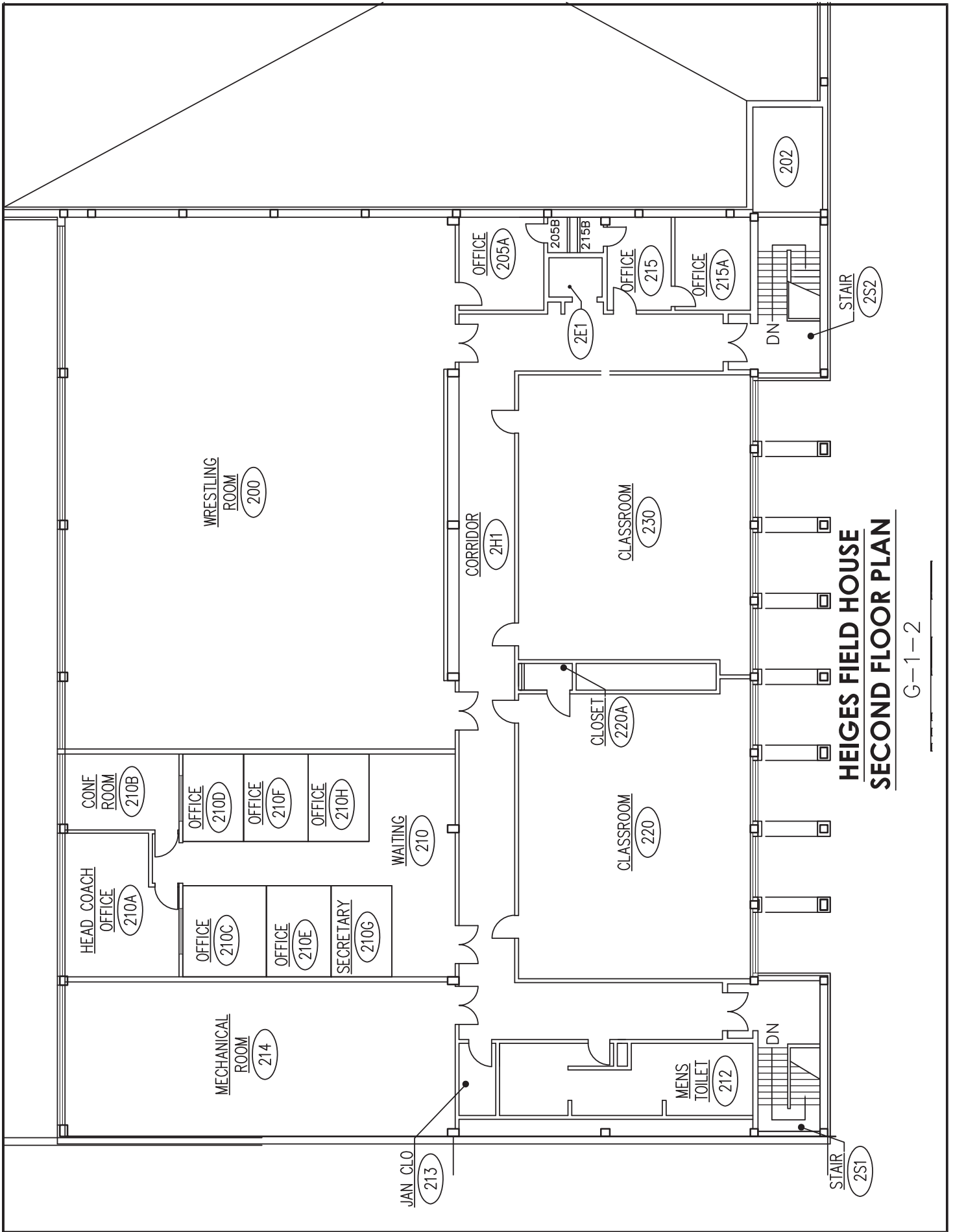




**HEIGES FIELD HOUSE  
FIRST FLOOR PLAN (RIGHT)**

G-1-2

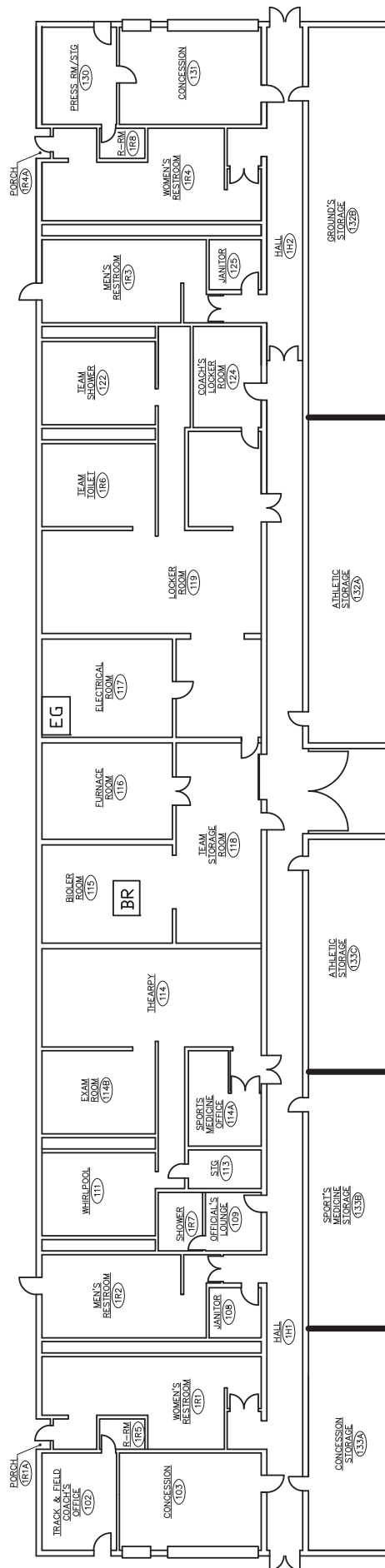




**HEIGES FIELD HOUSE  
SECOND FLOOR PLAN**

G-1-2

↑	CARD READER LOCATION
KS	KEYED SWITCH ENTRY
♿	ADA ENTRANCE
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488 =	AREA / ROOM SQFT
FLOOR PLAN UPDATED LAST:	3/21/2007
TOTAL GROSS SQFT =	17,161 SQFT



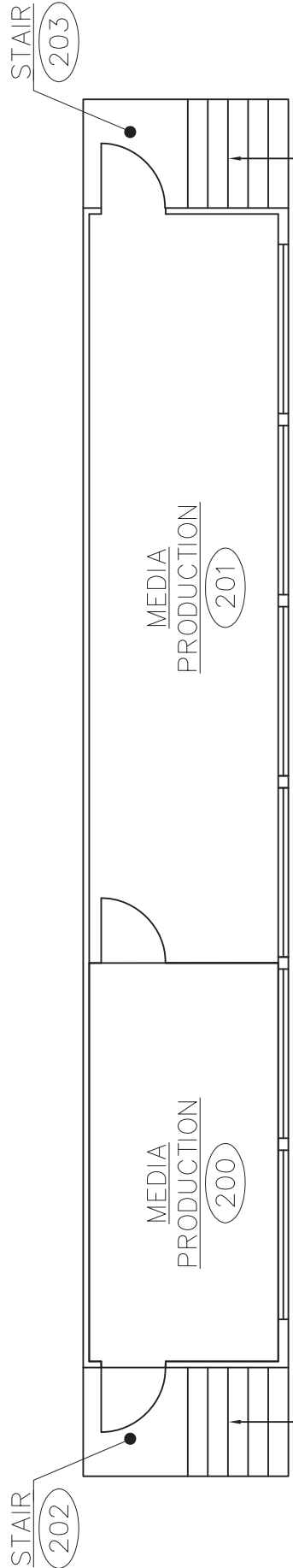
# SETH GROVE STADIUM

## FIRST FLOOR PLAN

1-PressBox



<p>↑ CARD READER LOCATION</p> <p>K\$ KEYED SWITCH ENTRY</p> <p>ADA ENTRANCE</p> <p>120B = ROOM NUMBER</p>	
488 = AREA / ROOM SQFT	
FLOOR PLAN UPDATED LAST: 3/21/2007	
TOTAL GROSS SQFT = 17,161 SQFT	



**SETH GROVE STADIUM**

**PRESS BOX**

1-PressBox



↑

CARD READER LOCATION

K\$

KEYED SWITCH ENTRY

♿

ADA ENTRANCE

120B

=

ROOM NUMBER

000

=

USE CODE

488

=

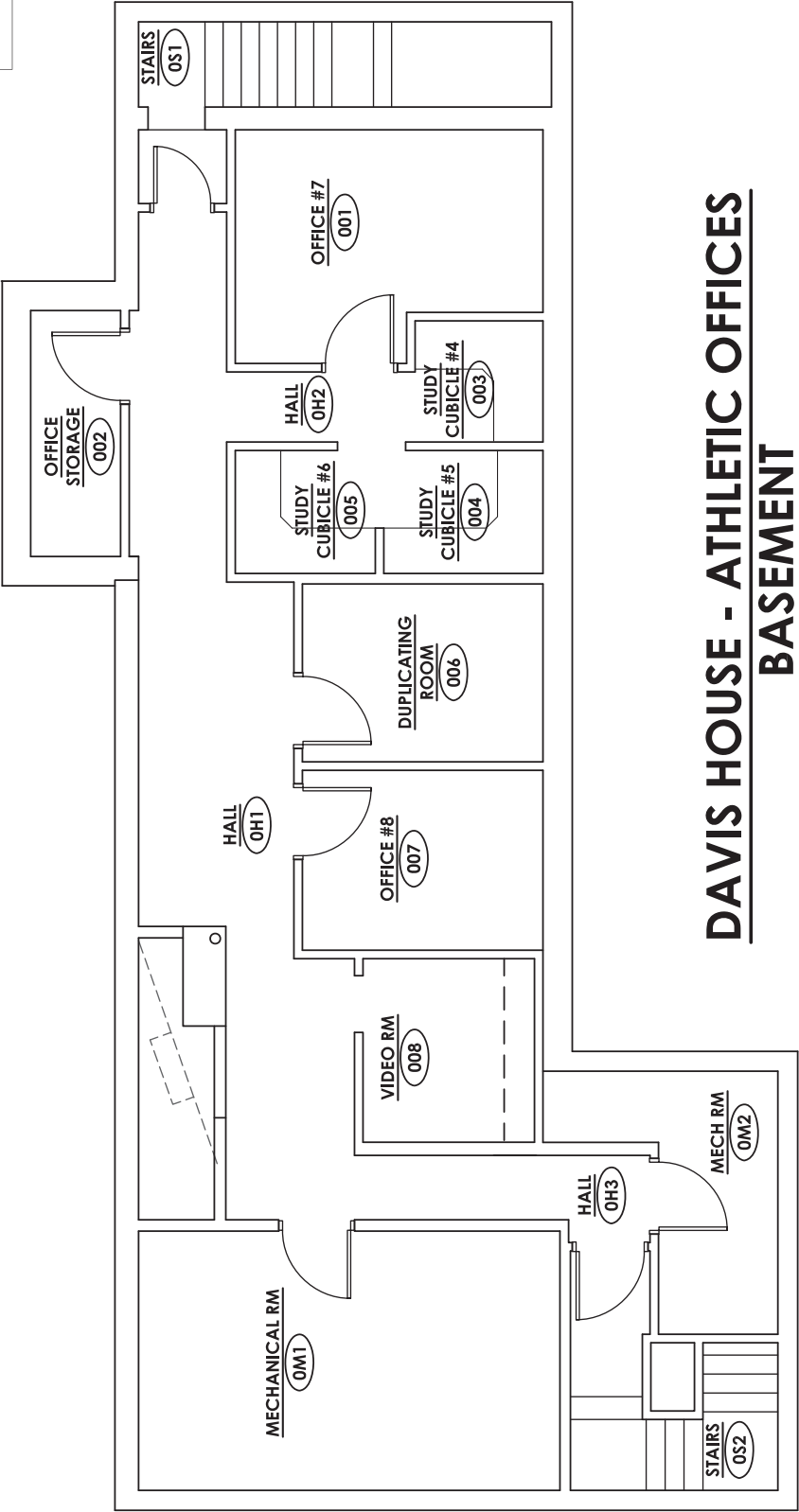
AREA / ROOM SQFT

FLOOR PLAN UPDATED LAST:

8/13/2007

TOTAL GROSS SQFT =

3,925 Sqft

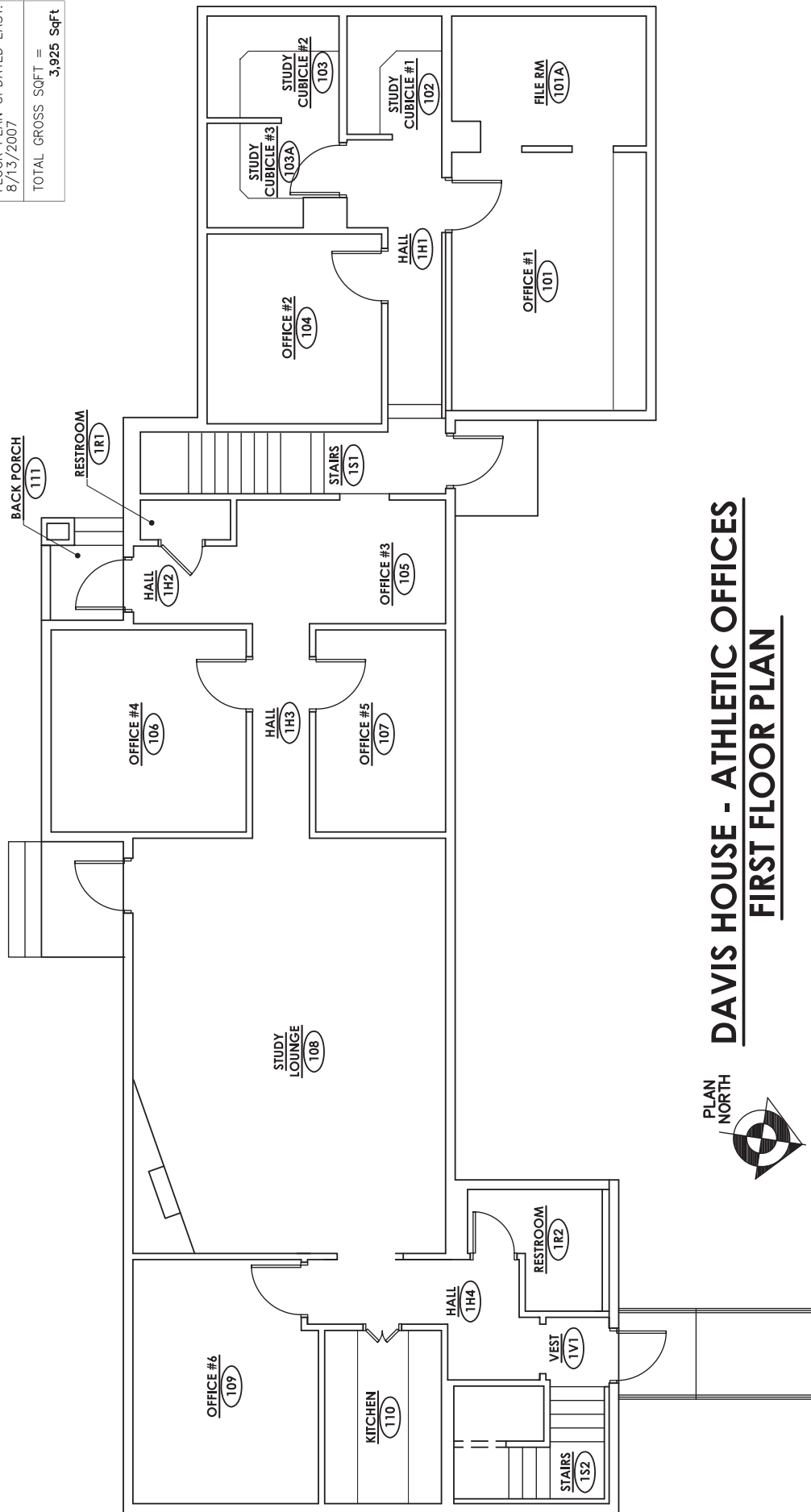


DAVIS HOUSE - ATHLETIC OFFICES

BASEMENT



↑	CARD READER LOCATION
K\$	KEYED SWITCH ENTRY
♿	ADA ENTRANCE
120B	= ROOM NUMBER
100	= USE CODE
488	= AREA / ROOM SQFT
FLOOR PLAN UPDATED LAST: 8/13/2007	
TOTAL GROSS SQFT = 3,925 Sqft	

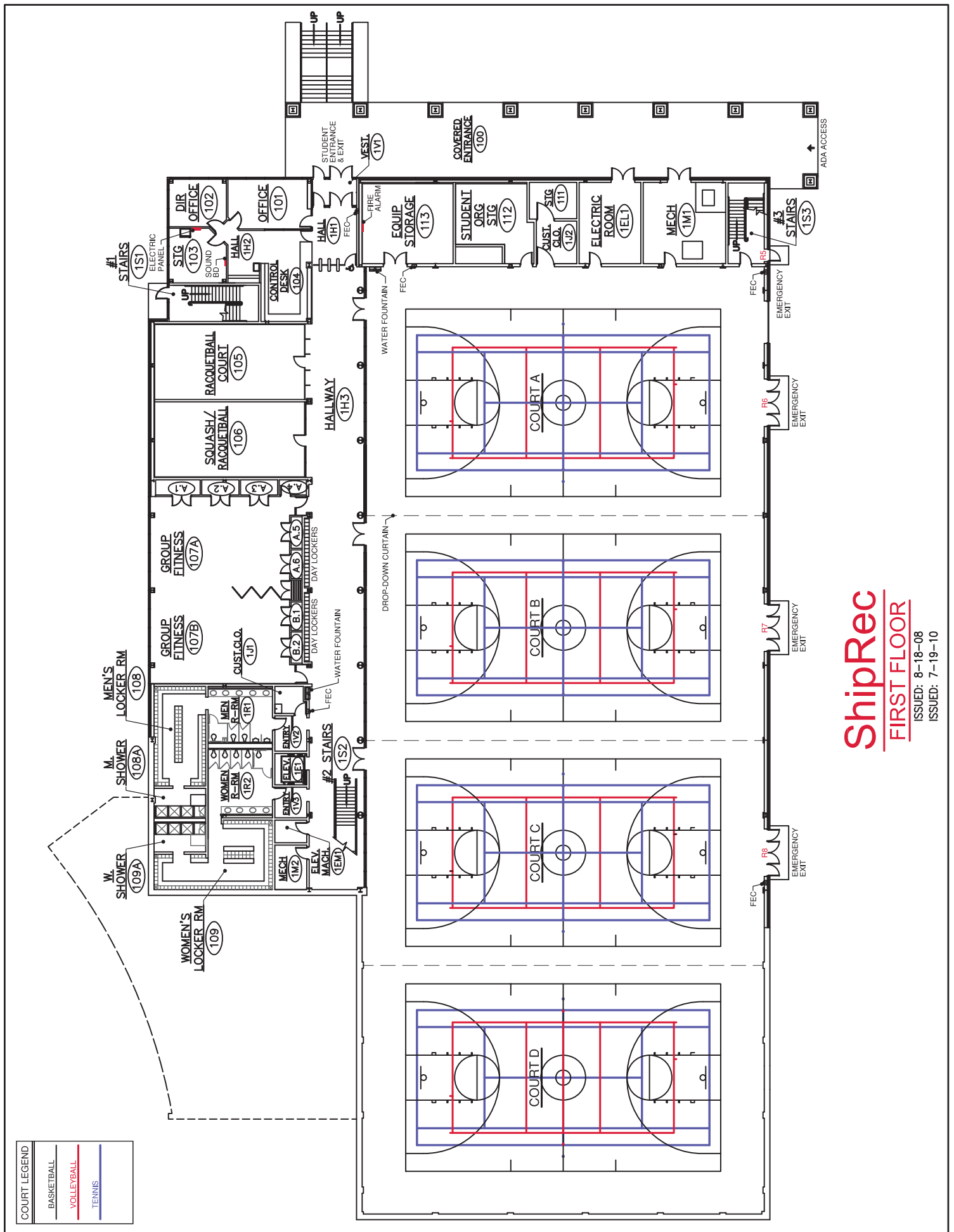


PLAN / NORTH

**DAVIS HOUSE - ATHLETIC OFFICES**

**FIRST FLOOR PLAN**





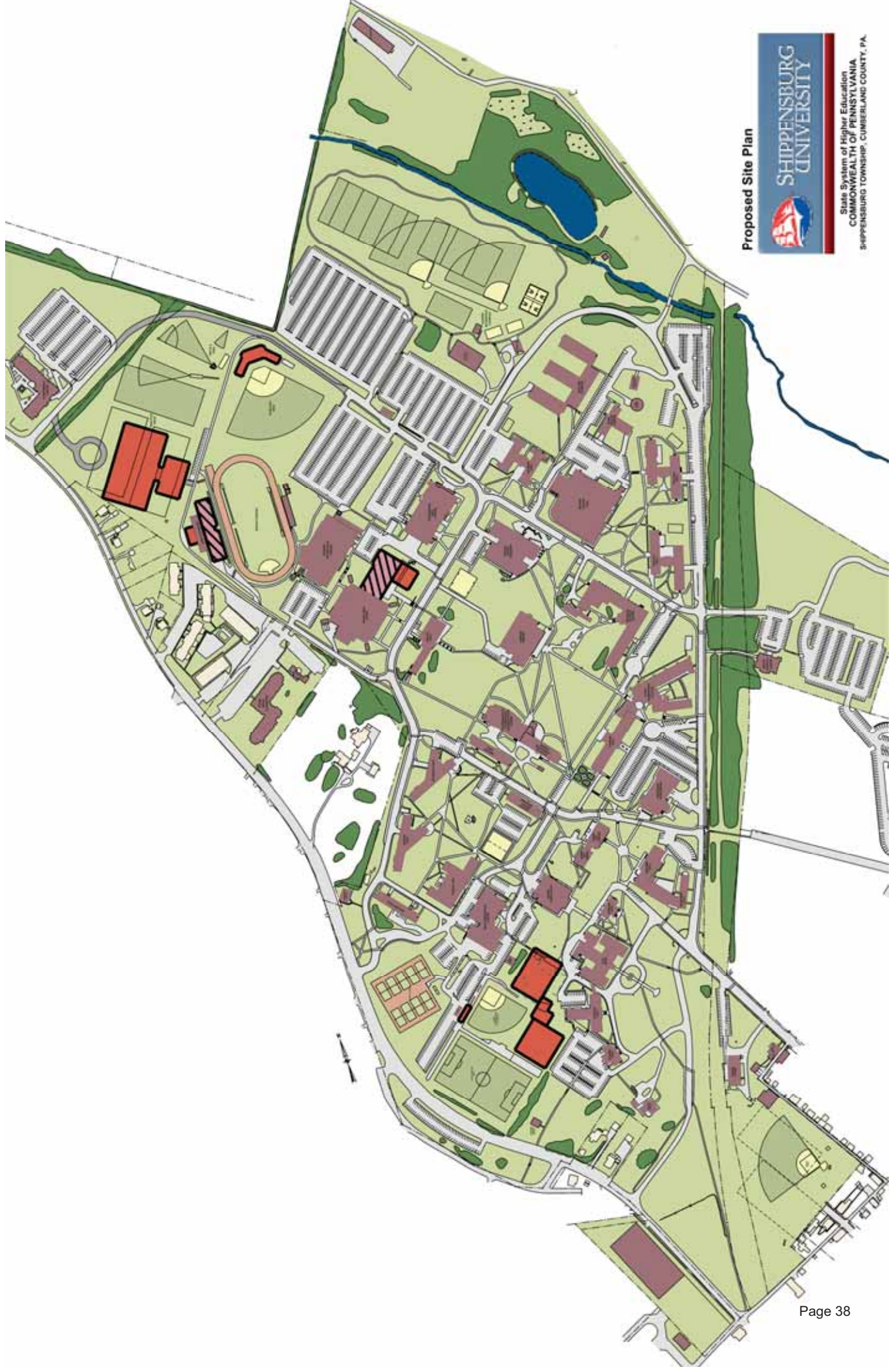




## Chapter 3

## PROPOSED MASTER PLAN

Shippensburg Proposed Site Plan  
Proposed Master Plan  
Proposed Building Programs and Costs  
Proposed Building Layouts  
Shippensburg Square Footage Analysis  
Title IX



Proposed Site Plan



State System of Higher Education  
COMMONWEALTH OF PENNSYLVANIA  
SHIPPENSBURG TOWNSHIP, CUMBERLAND COUNTY, PA.

## PROPOSED MASTER PLAN

The proposed Master Plan provides a template for the design and construction of new facilities, renovation of existing facilities and the demolition of one existing building. In order to complete these projects, feasibility studies, design and construction or renovation will take place on a phased schedule, as yet to be determined. The overall academic calendar, the availability of funds and the assessment of overall need will affect the final implementation of the Master Plan.

The Master Plan proposes the following:

- Replace Henderson Gymnasium with new facility to house Exercise Science, faculty and coaches offices, locker rooms for the Robb Sports Complex athletes, and a natatorium with locker space
- Complete renovation with addition for Heiges Field House
- Renovate of Seth Grove Football Facilities under the stands and Press Box Addition with Elevator
- Construct new Athletics Building for Football, Baseball and Track as well as Rehab
- Construct Indoor Track Facility adjacent to Athletics Bldg.

In addition, intermittent projects of a smaller scale are proposed that can be constructed by Shippensburg University as they are able to be funded.

Constructing one new building first provides the “swing space” to phase construction and renovations that follow. This allows much needed time for both the reorganization of the use of existing buildings, but also allows for fundraising to occur.

The Shippensburg Campus already has extensive athletic facilities in two separate locations, one that is centralized on the North Campus; one that is centralized on the South Campus. Athletics offices, equipment storage, sports medicine and rehabilitation are grouped to service each of these two major areas of campus. Outdoor recreation facilities are scattered in three areas of campus, although the new ShipRec student recreation facility is centrally located.

### Replace Henderson Gymnasium

The Henderson replacement project would be phased as follows. The proposed plan is to construct a new, 65,000 SF building behind the existing Henderson Gymnasium, adjacent to the softball field. This facility would house the sports venues, academic facilities, faculty offices and support services for the following:

- |                        |                              |
|------------------------|------------------------------|
| • Women's Field Hockey | • Women's Soccer             |
| • Women's Lacrosse     | • Women's Softball           |
| • Women's Tennis       | • Men's Soccer               |
|                        | • Men's Wrestling (practice) |

This provides convenient access to the existing outdoor fields such as softball, soccer/field hockey/lacrosse and tennis. A new practice room would be constructed for wrestling. The indoor sports would be housed in a new, regulation-sized basketball court with seating for 250. The court would also be designed to accommodate indoor



field hockey, lacrosse and soccer activities. Locker rooms for each sport would provide an individual locker for each athlete. Additional locker rooms would be provided for visiting teams, coaches/faculty and officials.

This building would also house the growing Exercise Science Department, providing classroom spaces and laboratory spaces for interactive academic research. Proposed are faculty offices, conference space, student study space, labs and other support facilities to accommodate the key requirements of this program. Potential exists for this program to expand to include an undergraduate degree in Sports Management/Administration and/or and Exercise Science Graduate Program. The Master Plan allows space for the configuration of both of these options and will be vetted during the Feasibility Study phase of any future project.

After these functions relocate to the new building, the existing Henderson Gymnasium would be demolished. A new 18,600 SF natatorium, featuring eight swim lanes and a warm-up pool would be constructed at the end of the quad to house the following:

- Women's Swimming
- Men's Swimming

Recreation locker rooms for both men and women, which would serve visiting teams during competitions, and officials locker rooms for men and women would also be housed here.

The full program for this new facility can be found in the section titled Proposed Building Program.

### **Heiges Field House Renovation/Addition**

When wrestling and swimming vacate Heiges, a 13,052 SF, two-story addition to Heiges Field House is proposed to house the Athletic Director and his/her staff as well as a new Rehabilitation Area in the existing building. This addition will provide offices for the Director, administrative staff as well as the conference and workrooms required. Tutoring office will be located in this area. A media room and an area allocated to film editing will be provided.

Adjacent to the AD office, football coaches will be assigned space until Seth Grove is renovated or the new Athletics Building is constructed. Then this space will be reassigned to the AD and staff.

When this addition is complete, the entire existing facility will be ready for renovations. The following athletic teams will be located within Heiges Field House:

- Women's Basketball
- Women's Track—All Seasons
- Women's Volleyball
- Men's Baseball
- Men's Basketball
- Men's Track—All Seasons
- Wrestling (competitions)

In the area of the former swimming pool, a practice volleyball court will be constructed, allowing the Women's Volleyball team a top notch practice area while competition will continue to be held on the main court. This practice court could also provide additional practice space for indoor field hockey, soccer and lacrosse activities.

Coaches' offices for each of these sports and associated administrative support will be located here. This building will house visitors' locker rooms for men's and women's basketball, men's and women's track/cross country/field, women's volleyball and men's baseball. Visiting team locker rooms will be provided for basketball and baseball. Two multi-sport visitors locker rooms are provided; and two recreation locker rooms are provided. In addition, the facility will house faculty and coaches locker rooms, and officials locker rooms. While wrestling practice will take place in the new Henderson, competitions will take place in Heiges; lockers within Heiges will be used for both home and visiting wrestling teams.

Support spaces for athletics include the following: Concessions areas and a Shippensburg sports store, athletes' lounge and a multi-purpose room. Two 1200 SF classrooms will be renovated. The Rehabilitation Center will be relocated and expanded to provide an improved facility for student athletes, particularly by improving the HVAC systems supporting these areas. In turn, this will improve the overall energy efficiency of Heiges Field House. Expanded public restrooms for the arena are included.

The full program for this facility can be found in the section titled Proposed Building Program.

### **Seth Grove Stadium**

Renovations to Seth Grove Stadium are proposed to include the entire area under the existing stadium bleachers. The first renovations would be interim renovations to upgrade the standards and improve the immediate needs of the football team and all the public spaces, concessions, etc. At this same time, additional space is proposed for a new mechanical room and a new storage facilities for football equipment. This would enable additional space to be allocated for the football team's use and greatly improve this locker facility.

When a proposed, future Athletics Building is constructed, it would include the potential to construct new locker rooms for the Football Team. At that time, the renovated lockers under the stadium bleachers could become the visiting football teams' locker rooms.

Until that time, the visiting football team will continue to dress in Heiges Field House, and renovations of this area should coincide with the appropriate athletics schedule.

An addition is also proposed at Seth Grove Stadium to accommodate the Press, Team Spotters and a VIP Lounge. This area would be accessed via a newly constructed facility adding an elevator, lounge and potentially a sports store and it would provide accessibility for sportscasters, coaches and the President's guests and notable alumni.

Accommodations would be planned for accessible toilet rooms, a ground level waiting area and lounge as well as the specialty areas at the top of the stadium.

The full program for this facility can be found in the section titled Proposed Building Program.

### Future Athletics Building

In the future, a new Athletics Building is proposed, constructed on the existing North Campus practice fields. This facility would reduce stress and over-crowding at Heiges Field House and allow expansion of programs, if required.

This facility would house Football, allowing the older Seth Grove Stadium facilities to be used for Visiting Teams. Baseball and Men's and Women's Track programs would also move to this building, reducing the load on other facilities.

Coaches' offices, locker rooms and support spaces would be located in this building.

The full program for this facility can be found in the section titled Proposed Building Program.

### Indoor Track Facility

A new indoor track facility is proposed for Shippensburg University, adjacent to the new Athletics Building.

Constructing a new indoor track facility would allow track meets to occur on campus. Proposed for a field area currently used for football practice, this new 100,000 SF facility would provide not only a 200 meter track, but also indoor practice courts for volleyball and basketball, and indoor areas for pole vault, broad jump, vertical and horizontal jumps, throwing and other field events. In addition, rest-room facilities and spectator seating would be provided.

The full program for this facility can be found in the section titled Proposed Building Program.

### Intermittent Projects

The following projects could be constructed intermittently as time and money allows. They should be scheduled carefully so as not to interrupt the athletic season of the sports they support.

These projects include the following:

#### Seth Grove Stadium

- Field and Track Lighting
- Resurface Track (complete)
- Track Scoreboard (complete)
- Partial Wall at Exterior of Stadium
- Paint Exterior of Stadium
- Exterior SU Signage
- Concrete Floor in Storage Areas



Robb Field

Spectator Toilets near Concessions  
Officials Locker Room  
Officials Meeting Room  
Lighting

Heiges Field House

Recess Wood Floor  
Racquetball Courts to Coaches Offices and Baseball  
Locker Rooms  
Air Condition Arena

Fairchild Field

Spectator Toilets  
Concessions  
Tickets  
Lights

**Proposed Order for Major Construction and Renovations**

Recognizing that construction and renovations must proceed as capital funds and other monetary sources become available, the projects would be organized in this manner:

1. Construction of new building behind existing Henderson Gymnasium
2. Demolition of existing Henderson Gymnasium
3. Construction of the Natatorium, connected to the new facility at Robb Sports Complex
4. Construction of addition to Heiges Field House
5. Renovations Heiges Field House
6. Renovation of Seth Grove Stadium (under) including New Press Box Zone
7. Construction of New Athletics Building
8. Construction of Indoor Track Facility attached to new Athletics Building

	PASSHE Category	Category		Qty	Net SF	Existing Net SF	New Net SF	Subtotal SF	Total Net SF
<b>Henderson Gymnasium (New Construction)</b>									
<b>Administration Zone</b>									
Soccer									
	315	Head Coach Office (M & W)		2	140		280		
	315	Assistant Coach Office (M & W)		2	120		240		
								520	
Field Hockey									
	315	Head Coach Office		1			140		
	315	Assistant Coach Office		1			120		
								260	
LaCrosse									
	315	Head Coach Office		1			140		
	315	Assistant Coach's Office		1			120		
								260	
Softball									
	315	Head Coach Office		1			140		
	315	Assistant Coach Office		1			120		
								260	
Tennis									
	315	Tennis Head Coach Office		1			140		
	315	Assistant Tennis Coach Office		1			120		
								260	
Swimming									
	315	Men's Head Swim Coach Office		1			140		
	315	Men's Assistant Swim Coach Office		1			120		
	315	Women's Head Swim Coach Office		1			140		
	315	Women's Assist Swim Coach Office		1			120		
								520	

	PASSHE Category	Category	Qty	Net SF	Existing Net SF	New Net SF	Subtotal SF	Total Net SF
Wrestling								
	315	Wrestling Head Coach Office	1			140		
	315	Wrestling Assistant Coach Office	1			120		
							260	
	365	Conference Room	1			300		
	320	Kitchen Area	1			150		
	320	Workroom	1			150		
							600	
		<b>Locker Room Zone-Field/Gym</b>						
	525	Men's Soccer Locker Room	1			1200		
	525	Women's Soccer Locker Room	1			1200		
	525	Women's LaCrosse Locker Room	1			1200		
	525	Women's Softball Locker Room	1			1200		
	525	Women's Field Hockey Locker Room	1			1200		
	525	Women's Tennis Locker Room	1			1200		
	525	Men's Visitor's Locker Room	1			1000		
	525	Women's Visitor's Locker Room	1			1000		
	525	Men's Wrestling Locker Room	1			800		
	525	Men's Coaches Locker Room	1			800		
	525	Women's Coaches Locker Room	1			800		
	525	Men's Officials Locker Room	1			200		
	525	Women's Officials Locker Room	1			200		
	525	Official's Meeting Room	1			150		
	525	Satellite Training Facility	1			1000		
							13150	
		<b>Locker Room Zone-Swimming</b>						
	525	Men's Swimming Locker Room	1			1200		
	525	Women's Swimming Locker Room	1			1200		
	525	Rec/Visiting Men's Swimming Locker Room	1			1000		
	525	Rec/Visiting Women's Swimming Locker Room	1			1000		
	525	Men's Officials Locker Room	1			200		

PASSHE Category	Category	Qty	Net SF	Existing Net SF	New Net SF	Subtotal SF	Total Net SF
	525	Women's Officials Locker Room	1		200		
	525	Official's Meeting Room	1		150		
	525	Satellite Training Facility	1		1000		
						5950	
		<b>Support Zone</b>					
	525	Laundry	1		500		
	525	Uniform Storage	1		500		
						1000	
		<b>Exercise Science Department</b>					
	110	Classroom (60)	2	1500		3000	
	110	Classroom(34)	3	900		2700	
	210	Labs	2	1400		2800	
	210	Labs	2	1000		2000	
	305	Faculty Office	9	140		1260	
	110	Student Academic Learning space	1			500	
	365	Conference Room	2	300		600	
	325	Admin Assistant/Workroom	1			200	
	250	Underwater weighing tank	1			300	
	210	Small Lab	1			120	
						13480	
							36520
						40%	14608
						Sub-Total	51128
	520	Auxiliary Gymnasium (seating for 250)	1			11520	
	525	Wrestling Practice Room ( 2 mats 40 x 40)	1			3444	
	520	Swimming Pool (competition, warm up, and seating for 325)	1			18600	
							33564
						20%	6713
						Sub-Total	40277

	PASSHE Category	Category	Qty	Net SF	Existing Net SF	New Net SF	Subtotal SF	Total Net SF
						Total SF		91405
				Cost/SF			\$265	\$24,222,272
				Bldg Demolition				\$1,200,000
				Construction Cost				\$25,422,272
				Soft Cost			22%	\$5,592,900
				Total Estimated Project Cost				\$31,015,172

PROGRAM SUMMARY

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Net Subtotal SF	Total Net SF
Heiges Field House								
		<b>Entry Area</b>						
	WW	Entrance Lobby	1		2000			
	525	Ticket Sales	1		200			
	650	Concessions	1		250			
	650	Concessions Storage	1		200			
	650	SU Sports Store	1		250			
	525	Athletes Lounge	1		500			
	110	Multipurpose Room	1		1500			
	XX	Men's Toilet Room	1		320			
	XX	Women's Toilet Room	1		320			
	WW	Elevator	1		48			
		Subtotal					5588	
		<b>Administration Zone</b>						
Basketball								
	325	Basketball Waiting Area	1		200			
	315	Basketball M Head Coach	1		140			
	315	Basketball M Assistant Coach	2	120	240			
	315	Basketball W Head Coach	1		140			
	315	Basketball W Assistant Coach	2	120	240			
	320	PT/Volunteer Work Area	1		200			
Baseball							1160	
	315	Baseball Head Coach Office	1		140			
	315	Baseball Coaches Office	3	120	360			
							500	

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Net Subtotal SF	Total Net SF
Track--All Seasons								
	315	Head Coach Office	2	140	280			
	315	Assistant Coach Office--Male	5	120	600			
	315	Assistant Coach Office--Female	3	120	360			
	315	Volunteer Coach (currently 2)	1		200			
							1440	
Volleyball								
	315	Head Coach Office	1		140			
	315	Assistant Coach Office	1		120			
							260	
Football								
	315	Head Coach Office	1		140			
	315	Assistant Coach Office	5	120	600			
	315	Volunteer Coach (5)	1		490			
							1230	
All Sports								
	325	Administrative Assistant	1		120			
	320	Workroom	1		200			
							320	
Athletic Director Suite								
	315	Athletic Director Office	1			200		
	315	Associate AD Office	2	140		280		
	320	Reception	1			250		
	320	Kitchen	1			100		
	315	Athletic Academic Advisor Office	1			140		
	110	Tutoring	1			625		
	325	Administrative Assistant	1			140		
	365	Conference Room	1			400		
	320	Workroom	1			300		
	525	All Sports Media Room	1			500		



	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Net Subtotal SF	Total Net SF
	525	All Sports Editing Room	1			140		
							3075	
		<b>Locker Room Zone</b>						
Track --All Seasons								
	525	Men's Track Field CC Locker Room	1			1365		
	525	Women's Track Field CC Locker Room	1			1365		
							2730	
Baseball	525	Baseball Locker Room	1		1200			
	525	Visitor's Baseball Locker Room	1		800			
							2000	
Multipurpose								
	525	Visitors' Locker Rooms	2			800		
							1600	
Basketball								
	525	Men's Locker Room	1		1200			
	525	Women's Locker Room	1		1200			
	525	Visiting Men's Locker Room	1		800			
	525	Visiting Women's Locker Room	1		800			
							4000	
Recreation								
	525	Men's Recreation Locker Room	1			800		
	525	Women's Recreation Locker Room	1			800		
							1600	
Volleyball								
	525	Women's Volleyball Locker Room	1			1050		
							1050	
Officials								
	525	Men's Officials Locker Room	1		200			
	525	Women's Officials Locker Room	1		200			
	525	Officials' Meeting Room	1		150			

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Net Subtotal SF	Total Net SF
Coaches	525	Men's Coaches Locker Room	1		800			
	525	Women's Coaches Locker room	1		800			
							2150	28703
		<b>Classrooms</b>						
	110	Classrooms	2	1200	2400		2400	
		<b>Support Zone</b>						
	525	Rehabilitation Room	1		1600			
	525	Rehabilitation Office	1		120			
	525	Training	1		654			
	520	Fitness Center	1		5694			
	525	Fitness Storage	1		60			
	325	Office	1		104			
	365	Fitness Conference	1		105			
	XX	Fitness Toilet	1		97			
	525	Laundry	1		500			
	525	Storage	1		1600			
							10534	
		<b>Volleyball Practice Court</b>						
	520	Practice Court	1		3950			
	525	Equipment Storage	1		394			
							4344	
								45981
							0.45	20691
							sub-total	66672

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Net Subtotal SF	Total Net SF
		<b>Gymnasium</b>						
	520	Gymnasium	1		33832			
	525	Gym support & Storage			3395			
	525	Bleacher Stacks	2	756	1512			
							38739	38739
					Total SF			105411
					Existing Area SF			92359
					Area of Addition			13,052
					Cost/SF		\$265	\$3,458,899
					Area to be Renov.			53,620
					Cost/SF		\$250	\$13,405,000
					Elevator Upgrade			\$75,000
					Construction Cost			\$16,938,899
					Soft Cost		22%	\$3,726,558
					Total Estimated Project Cost			\$20,665,457

PROGRAM SUMMARY

	PASSHE Category	Category	QTY	Net SF	Existing Net SF Renov	New Net SF	Subtotal SF	Total Net SF
		<b>Seth Grove Stadium</b>						
		<b>Football Locker Room Zone</b>						
	525	Football Locker Room	1		1786			
	525	Locker Room Expansion (Internal)	1		1213			
	525	Locker Room Expansion (Addition)	1			944		
	315	Coach Offices			1200			
	525	Football Team Storage (Addition)	1			500		
							4699	
		<b>Support Zone</b>						
	525	Sports Medicine	1		1682			
	525	Sports Medicine Storage	1		619			
	525	Officials Locker Room Area	1		184			
							2485	
		<b>Spectator Rest Rooms</b>						
	XX	Men's Rest Rooms	2	437	874			
	XX	Women's Rest Rooms	2	517	1034			
	XX	Janitor's Closets	2	81	162			
							2070	
		<b>Stadium Concessions</b>						
	650	Service Area	2	418	836			
	650	Service Area Expansion	2	230	460			
	650	Storage	1		535			
							1831	
		<b>Additional Storage</b>						
	525	Athletic's Storage	1		1345			
	730	Grounds' Storage	1		941			
							2286	
	WW	Circulation	1		1705			
	YY	New Mechanical Addition	1			1444		

									3149	
										16,520
										16,520
							Total SF			
						Cost/SF			\$250	\$4,130,000
						Construction Cost				\$4,130,000
						Soft Cost			22%	\$908,600
						Total	Estimated Project Cost			\$5,038,600

Program Summary

PAASHE Category	Category		QTY	Net SF	Existing Net SF Renov	New Net SF	Subtotal SF	Total Net SF
	Press Box Zone Seth Grove Stadium							
	Elevator & Elevator Machine Room		1			120		
	Reception Area & Coats		1			325		
							445	
	Media Facilities							
	PA Announcer		1			75		
	Statistician workroom		1			150		
	Television Booth		1			200		
	Home Radio Broadcast		1			100		
	Visitor Radio Broadcast		1			100		
	Press Box		1			500		
	Control Room		1			150		
	Catering Kitchen		1			75		
	Storage		1			75		
							1425	
	Coaches Stations							
	Home Team Spotters		1			100		
	Visiting Team Spotters		1			100		
							200	
	University Use							
	Donor Box		1			400		
	President's Box		1			600		
							1000	
	Toilets							
	Women's Toilet Room		1			150		
	Men's Toilet Room		1			150		
							300	





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	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Subtotal SF	Total Net SF
<b>Locker Room Zone</b>								
Track --All Seasons								
	525	Men's Track Field CC Locker Room	2	1500		3000		
	525	Women's Track Field CC Locker Room	2	1500		3000		
							6000	
Baseball	525	Baseball Locker Room	1			1200		
	525	Visitor's Baseball Locker Room	1			800		
							2000	
	525	Men Coaches' Locker Room	1			800		
	525	Women Coaches' Locker Room	1			800		
							1600	
Multipurpose								
	525	Visitors' Locker Rooms	2			1000	2000	
Sports Medicine								
	525	Sports Medicine Facility	1			3500	3500	21315
							45%	9591.75
							Sub-Total	30906.75
						Total SF		30906.75
						Cost/SF	\$265	
						Construction Cost		\$8,190,289
						Soft Cost	22%	\$1,801,864
						Total Estimated Project Cost		\$9,992,152

PROGRAM SUMMARY

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Subtotal	Tot Net
Indoor Track Facility (New Construction)								
Competition Zone								
	520	Track and Multi-purpose Courts	1			100000		
	525	Spectator Seating						
	XX	Spectator Restrooms						
							Sub-Total	100000
						Total SF		100000
				Cost/SF			\$265	
				Construction Cost				\$26,500,000
				Soft Cost			22%	\$5,830,000
				Total Estimated Project Cost			\$32,330,000	

Program Summary

	PASSHE Category	Category	Qty	Cost/SF	Existing Net SF Renov	New Net SF	Subtotal SF	Total Net SF
Intermittent Improvements								
Seth Grove Stadium		Field and Track Lighting						\$550,000
		Resurface Track						In process
		Track Scoreboard						In process
		Partial Wall at Exterior of Stadium						\$350,000
		Paint Exterior of Stadium						\$47,000
		Exterior SU Signage						\$50,000
Heiges Field House		Concrete in Storage Areas	3400	\$15				\$51,000
		Recess Wood Floor	8000	\$50				\$400,000
		Convert 4 Raquetball Courts to Locker Rooms	2545	\$265				\$674,425
		Air Condition Arena						\$750,000

Program Summary

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Subtotal SF	Total Net SF
<b>Robb Field</b>								
<b>Officials</b>								
	525	Official's Locker Room--Men's	1			200		
	525	Official's Locker Room--Women's	1			200		
	525	Official's Meeting Room	1			150		
							550	
	525	Bleachers, Metal 500 Seats						
<b>Robb Field Support</b>								
	525	Press Box	1			250		
	630	Concessions	1			800		
	XX	Men's Rest Rooms	1			200		
	XX	Women's Rest Rooms	1			200		
							1450	
		Field Lighting						
					Total Sf		2000	
				Area of Additions				2000
				Cost/SF			\$265	\$530,000
				Field Lighting				
				Cost				\$321,000
				Bleacher Seating				500
				Cost/Seat			\$100	\$50,000
				Total Estimated Project Cost				\$901,000

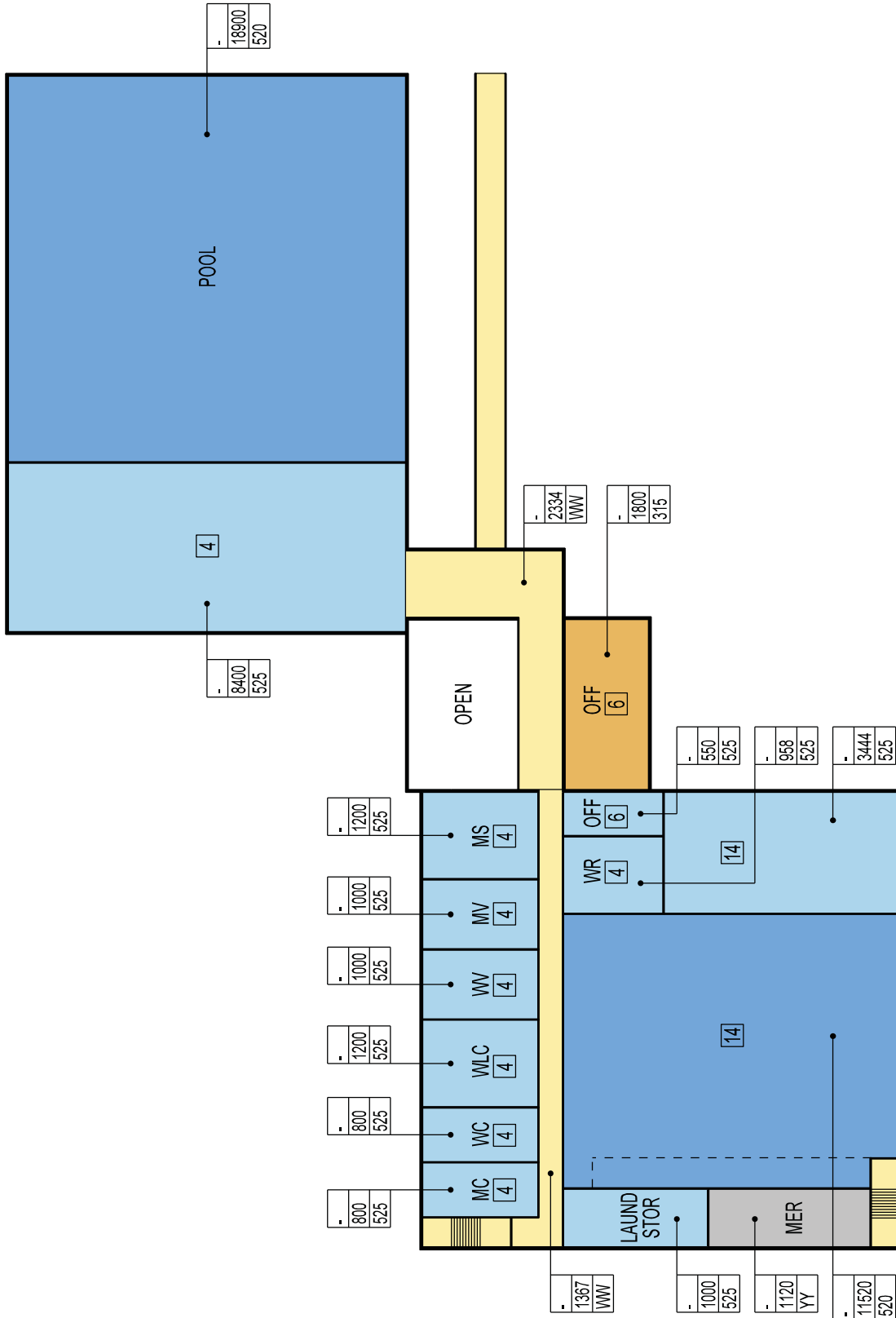
Program Summary

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Subtotal SF	Total Net SF
Fairchild Field								
		Officials						
	525	Official's Locker Room--Men's	1			200		
	525	Official's Locker Room--Women's	1			200		
	525	Official's Meeting Room	1			150		
							550	
		Fairchild Field Support						
	525	Ticket Sales	1			150		
	525	Security	1			100		
	525	Fan First Aid	1			150		
	XX	Trash Room	1			150		
	630	Concessions	1			800		
	XX	Men's Rest Rooms	1			200		
	XX	Women's Rest Rooms	1			200		
							1750	
		Field Lighting						
		Bleachers, Metal 500 seats						
					Total Sf		2300	

	PASSHE Category	Category	Qty	Net SF	Existing Net SF Renov	New Net SF	Subtotal SF	Total Net SF
				Area of Additions				2300
				Cost/SF			\$265	\$609,500
				Field Lighting				
				Cost				\$475,000
				Bleacher Seating				500
				Cost/Seat			\$100	\$50,000
				Total Estimated Project Cost				\$1,134,500







### CATEGORY CODE:

110/115 CLASSROOM	650 LOUNGE/MERCH.
300 OFFICE/CONF.	720/725 SHOPS, STOR., VEH.
520 ATH./PHYS. ED.	WM CIRCULATION
525 ATH./PHYS. ED. SERV.	XX BLDG. SYS.
540/545 CLINIC	YY MECH.
610/615 ASSEMBLY	ZZ STRUC.

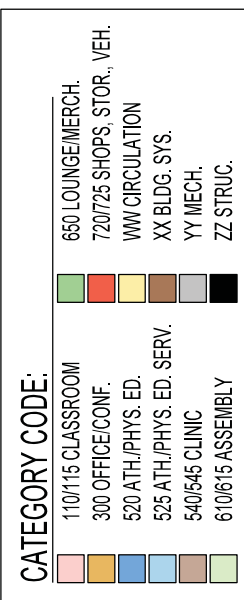
### HENDERSON GYMNASIUM-FIRST FLOOR PLAN



### ROOM KEY:

1	CONCESSION	9	PUBLIC RESTROOM
2	EXAM ROOM	10	RESTROOM
3	JANITOR	11	SHOWER
4	LOCKER ROOM	12	STORAGE
5	MECHANICAL	13	THERAPY
6	OFFICE	14	COURT
7	OFFICIAL'S LOUNGE	15	CLASSROOM
8	PRESS ROOM	16	MULTI-PURPOSE

ROOM #	210
FLOOR AREA	248
USE CODE	305

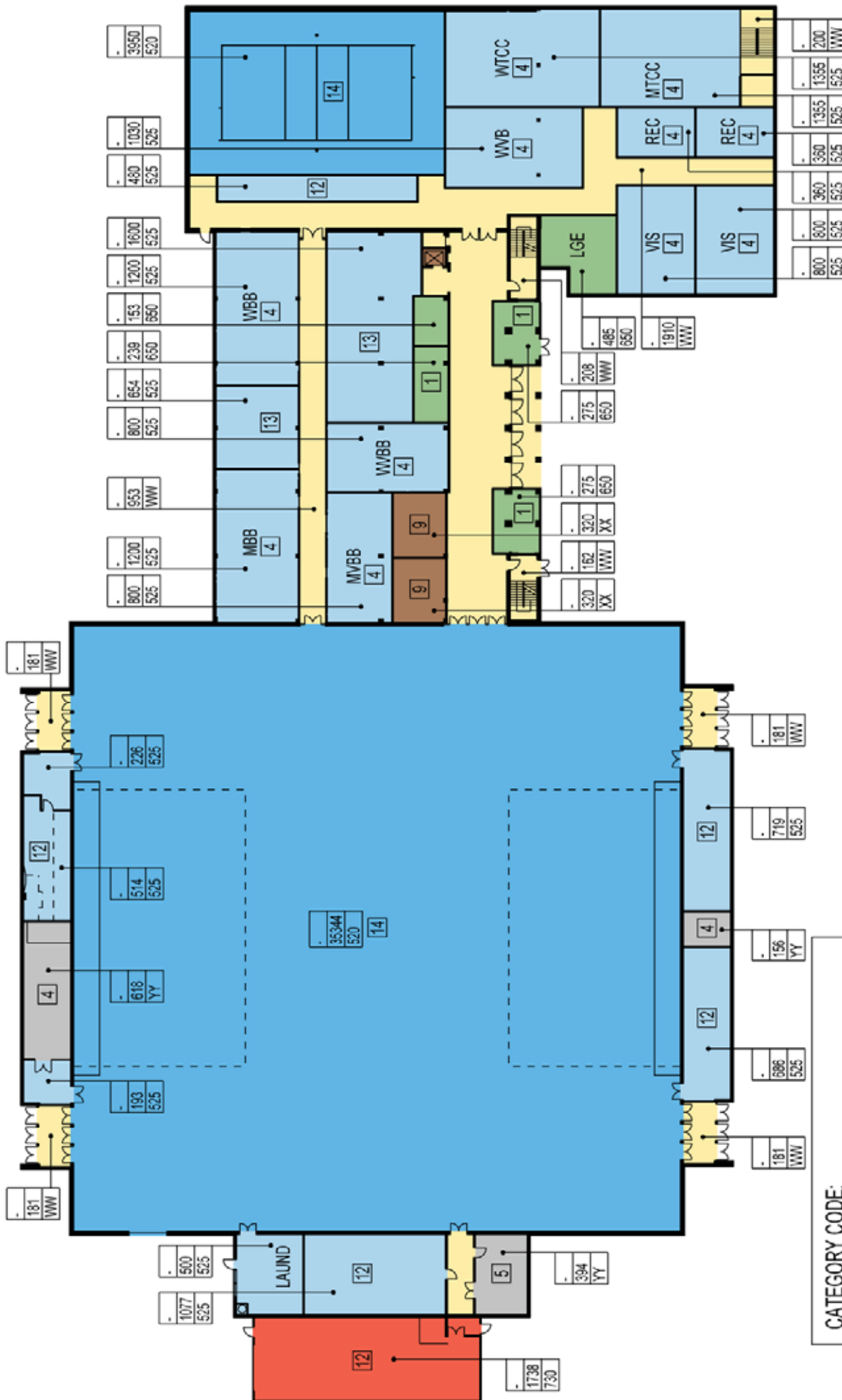


HENDERSON GYMNASIUM-GROUND FLOOR PLAN



ROOM KEY:	
1	CONCESSION
2	EXAM ROOM
3	JANITOR
4	LOCKER ROOM
5	MECHANICAL
6	OFFICE
7	OFFICIAL'S LOUNGE
8	PRESS ROOM
9	PUBLIC RESTROOM
10	RESTROOM
11	SHOWER
12	STORAGE
13	THERAPY
14	COURT
15	CLASSROOM
16	MULTI-PURPOSE

ROOM #	210
FLOOR AREA	248
USE CODE	305



#### CATEGORY CODE:

110/115 CLASSROOM	660 LOUNGE/MERCH.
300 OFFICE/CONF.	720/725 SHOPS, STOR., VEH.
520 ATH/PHYS. ED.	WW CIRCULATION
525 ATH/PHYS. ED. SERV.	XX BLDG. SYS.
540/545 CLINIC	YY MECH.
610/615 ASSEMBLY	ZZ STRUC.

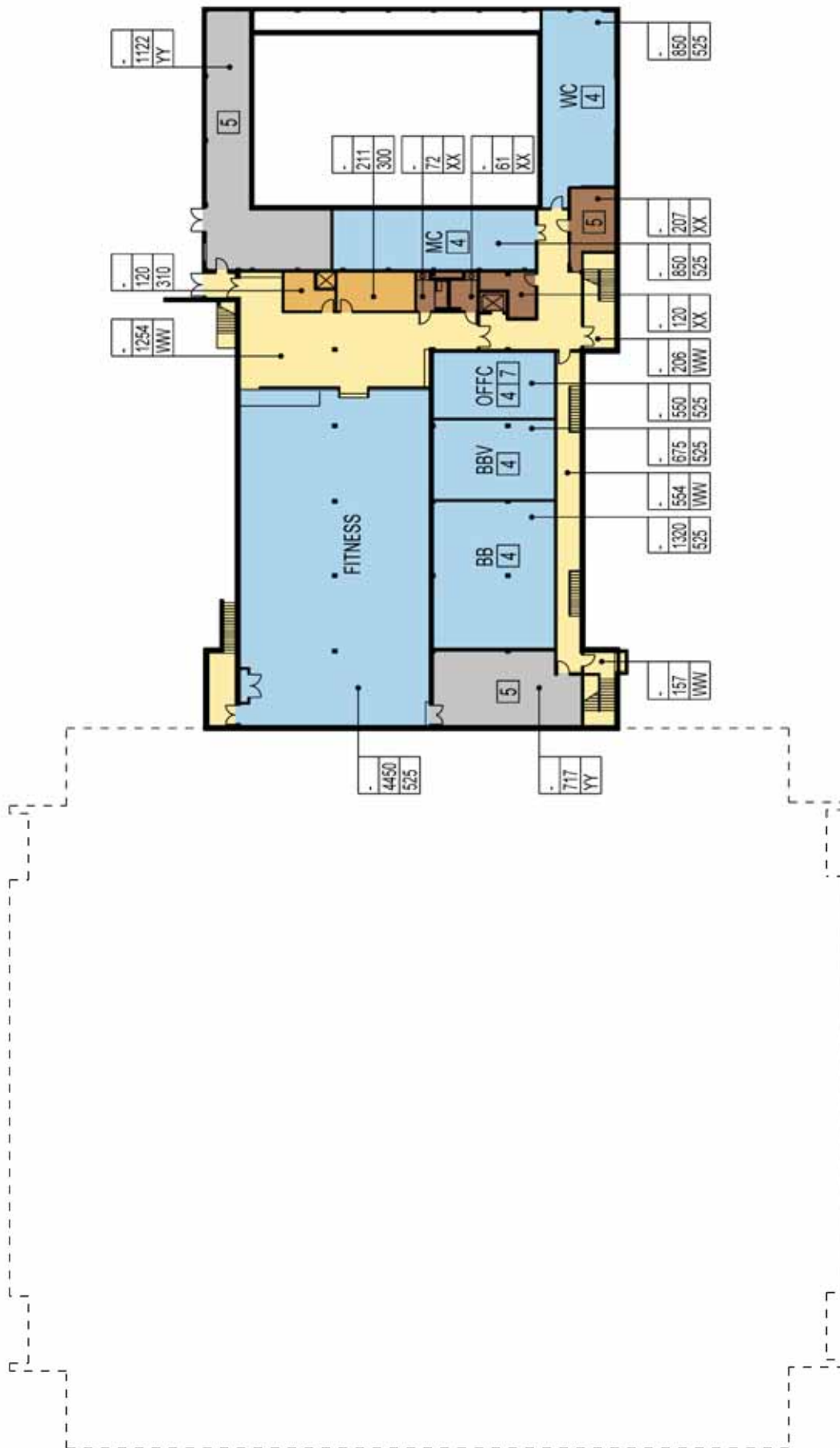
#### HEIGES FIELD HOUSE-FIRST FLOOR PLAN



#### ROOM KEY:

1	CONCESSION	9	PUBLIC RESTROOM
2	EXAM ROOM	10	RESTROOM
3	JANITOR	11	SHOWER
4	LOCKER ROOM	12	STORAGE
5	MECHANICAL	13	THERAPY
6	OFFICE	14	COURT
7	OFFICIAL'S LOUNGE	15	CLASSROOM
8	PRESS ROOM	16	MULTI-PURPOSE

ROOM #	210
FLOOR AREA	248
USE CODE	3015



CATEGORY CODE:	
110/115 CLASSROOM	650 LOUNGE/MERCH.
300 OFFICE/CONF.	720/725 SHOPS, STOR., VEH.
520 ATH./PHYS. ED.	WW CIRCULATION
525 ATH./PHYS. ED. SERV.	XX BLDG. SYS.
540/545 CLINIC	YY MECH.
610/615 ASSEMBLY	ZZ STRUC.

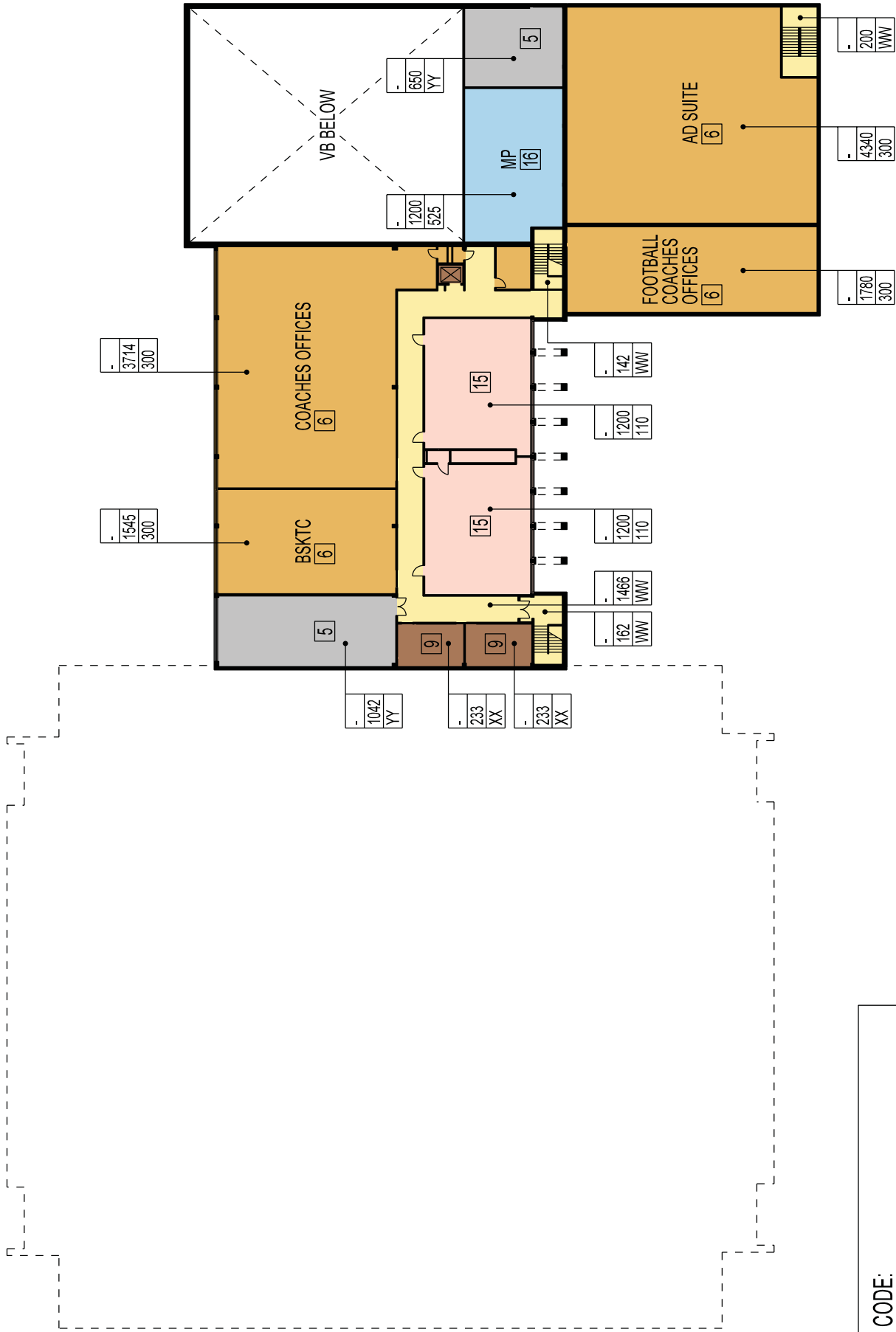
# HEIGES FIELD HOUSE-GROUND FLOOR PLAN



## ROOM KEY:

1	CONCESSION	9	PUBLIC RESTROOM
2	EXAM ROOM	10	RESTROOM
3	JANITOR	11	SHOWER
4	LOCKER ROOM	12	STORAGE
5	MECHANICAL	13	THERAPY
6	OFFICE	14	COURT
7	OFFICIAL'S LOUNGE	15	CLASSROOM
8	PRESS ROOM	16	MULTI-PURPOSE

ROOM #	210
FLOOR AREA	248
USE CODE	305



**ROOM KEY:**

1	CONCESSION	9	PUBLIC RESTROOM
2	EXAM ROOM	10	RESTROOM
3	JANITOR	11	SHOWER
4	LOCKER ROOM	12	STORAGE
5	MECHANICAL	13	THERAPY
6	OFFICE	14	COURT
7	OFFICIAL'S LOUNGE	15	CLASSROOM
8	PRESS ROOM	16	MULTI-PURPOSE

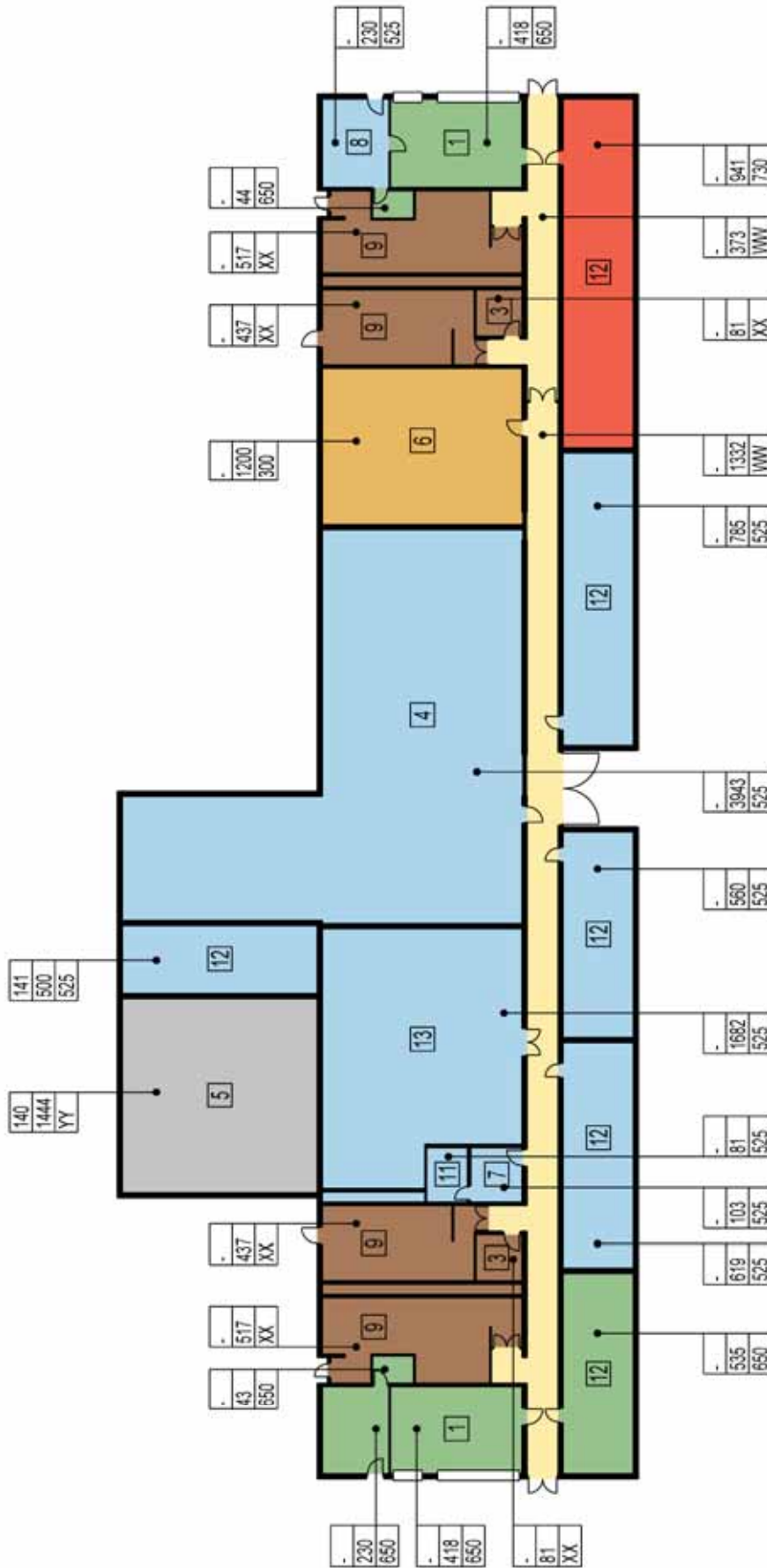
HEIGES FIELD HOUSE-SECOND FLOOR PLAN



ROOM #	210
FLOOR AREA	248
USE CODE	305

**CATEGORY CODE:**

110/115 CLASSROOM	650 LOUNGE/MERCH.
300 OFFICE/CONF.	720/725 SHOPS, STOR., VEH.
520 ATH./PHYS. ED.	WW/CIRCULATION
525 ATH./PHYS. ED. SERV.	XX BLDG. SYS.
540/545 CLINIC	YY MECH.
610/615 ASSEMBLY	ZZ STRUC.



**ROOM KEY:**

1	CONCESSION	9	PUBLIC RESTROOM
2	EXAM ROOM	10	RESTROOM
3	JANITOR	11	SHOWER
4	LOCKER ROOM	12	STORAGE
5	MECHANICAL	13	THERAPY
6	OFFICE	14	COURT
7	OFFICIAL'S LOUNGE	15	CLASSROOM
8	PRESS ROOM	16	MULTI-PURPOSE

SETH GROVE STADIUM-PROPOSED FIRST FLOOR PLAN



**CATEGORY CODE:**

110/115 CLASSROOM	650 LOUNGE/MERCH.
300 OFFICE/CONF.	720/725 SHOPS, STOR., VEH.
520 ATH./PHYS. ED.	WW CIRCULATION
525 ATH./PHYS. ED. SERV.	XX BLDG. SYS.
540/545 CLINIC	YY MECH.
610/615 ASSEMBLY	ZZ STRUC.

ROOM #	210
FLOOR AREA	248
USE CODE	305

**Summary of Existing vs New SF\***

Cat. Code	Category	Exist Net SF	Exist SF	Prop SF	Hend	S Grove & Press	Athl Bldg	In Trk	Total
110/115	Classroom	4,653	7,507	2,400	13,000				15,400
210/215	Class Laboratories	1,417	2,676		6,200				6,200
300	Office/Conf Room	6,663	10,778	1,876	3,600	1,200	5,590		12,266
400	Study	240	451				625		625
520	Athl/Phys Ed	62,316	88,210	45,994	30,420		15,100	100,000	191,514
525	Athl/Phys Ed Service	23,389	39,905	17,909	21,400	11,683			50,992
540/545	Clinic	2,530	3,654						-
610/615	Assembly	1,667	2,231						-
650/655/660/665	Lounge/Merch & Service	1,847	3,321	1,427		1,688			3,115
670/675	Recreation	49,332	69,330						-
720/725	Shops, Storage, Vehicles	26	35	1,738					1,738
'30/735/750/755/780	Cent Stor/Cent Serv	941	1,665						-
	Sub-total	155,021	229,763	71,344	74,620	14,571	21,315	100,000	281,850
WW	Circulation	26,068							
XX	Building Systems	4,665							
YY	Mechanical	15,866							
ZZ	Structural	28,340							
	Sub-total	74,939		34,067	13,485	6,740	9,591	incl.	63,883
	Total	229,960		105,411	88,105	24,936	30,906	100,000	349,358
	*Note: Since buildings are not yet designed, SF allocations are current estimates								

## **Title IX**

Title IX was introduced in 1972 and states, “No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance.”

The test follows these guidelines, “An athletics program can be considered gender equitable when the participants in both the men’s and women’s sports programs would accept as fair and equitable the overall program of the other gender. No individual should be discriminated against on the basis of gender, institutionally or nationally, in intercollegiate athletics.”

Enforcement is the responsibility of the Office for Civil Rights (OCR) of the U. S. Department of Education. Schools work with the OCR on enforcement issues. Anyone may file an OCR complaint, and the identity of the party who files the complaint will be kept confidential.

Division II schools are required to conduct a comprehensive self-study and evaluation of their intercollegiate athletics programs at least once every five years using the Institutional Self-Study Guide. All colleges that receive federal funds are required to file an annual equity and financial report with the federal government. All NCAA school must also file a report with the NCAA.

Title IX is applied through three areas:

- **Participation:** Title IX requires that women and men be provided equitable opportunities to participate in sports. A three-prong test is used to compare:
  - Prong 1: Provide participation opportunities for women and men that are substantially proportionate to their respective rates of enrollment as full-time undergraduate students.
  - Prong 2: Demonstrate a history and continuing practice of program expansion for the underrepresented sex.
  - Prong 3: Full and effectively accommodate the interests and abilities of the underrepresented sex.
- **Scholarships:** Title IX requires that female and male student-athletes receive athletics scholarship dollars proportional to their participation.
- **Other benefits:** Title IX requires the equitable treatment of female and male student-athletes in the provision of the following
  - Equipment and supplies
  - Scheduling
  - Travel and per diem
  - Coaching
  - Locker rooms, practice and competitive facilities
  - Medical and training facilities and services



- Housing and dining facilities and services
- Publicity and promotions
- Support services
- Recruitment

For the purposes of this study, the items that affect the outcomes are as follows:

- **Equipment and supplies:** storage, access, cleaning, distribution, etc.
- **Scheduling:** various venues must be schedule equitably
- **Coaching:** male and female coaches' office, locker room and storage facilities must be equitably distributed and maintained
- **Locker rooms,** practice and competitive facilities: must be equitably funded, located, scheduled and maintained for both male and female sports
- **Medical training facilities and services:** must be equitably funded, located, schedule, staffed and maintained for both male and female athletes

For purposes of this study, Title IX compliance will have an effect. Shippensburg must move to a closer alignment of goals with Title IX, but current facilities are currently so inadequate that it is difficult to determine whose facilities are in worse condition. Recommendations for renovations, modifications and new facilities will improve facilities for student athletes for both women and men.

The University has engaged a Gender Equity Consultant, Janet Judge, to complete a study regarding the equity issues on campus and to begin the process of setting up a Gender Equity Plan.

Appendix

Acknowledgements

PASSHE Sports

Institutional Comparison

Site Photos

Field House Concept Drawings

## SPECIAL THANKS

Special thanks to the Administration, Faculty, Staff and Students who participated in the Master Planning Process for Shippensburg University:

Dr. William Ruud	President
Dr. Denny Terrell	VP of Admin & Finance
Dr. Roger L. Serr	VP of Student Affairs
Dr. Rick Ruth	VP Information Technology & Services
Dr. Jody Harpster	VP of External Affairs
Robin Maun	Executive Assistant to the President
Jeffrey A. Michaels	Athletic Director
Carrie Anne Michaels	Acting Assistant Athletic Director
Corey Baughman	Student Senate
Emily Parkins	Student Athlete Advisory Committee
Ashley Grimm	Acting Assistant Athletic Director
Dr. Sally Paulson	Exercise Science
Galen Piper	Director Intramurals-Recreation
Terry L. Starr, PE	Assoc. Dir. Plan/Design/Const
Bruce E. Herring, PE	Asst. Dir. Planning/Eng.
J. Lance Bryson, PE	Assoc. VP for Facilities & Planning

	Baseball/ Softball		Basketball		Bowling		Cross Country		Field Hockey		Football		Golf		Lacrosse		Soccer		Swimming		Tennis		Track and Field		Volleyball		Wrestling	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Bloomsburg	Co-Ed SB		X	X													X	X										
California	X	X	X	X	X	X					X	Flag	X	X			X	X	X	X		X	X					
Cheyney			X	X		X					X	X										X						
Clarion	X		X	X										X								X						
East Stroudsburg	X	X	X	X	X	X					X	X		X		X	X	X	X	Dive		X	X					
Edinboro		X	X	X	X	X						X				X	X			X			X					
Indiana	X	X	X	X	X	X				X	X	X				X	X	X	X	X			X					
Kutztown	X	X	X	X	X	X		X				X			X	X	X	X	X	X		X	X					
Lock Haven	X	X	X	X	X	X				X	X	X				X	X	X	X	X		X	X					X
Mansfield	X	X	X	X	X	X				X	X	X					X	X	X	X			X					
Millersville	X	X	X	X	X	X						X		X		X	X	X	X	X			X					
Shippensburg	X	X	X	X	X	X						X		X		X	X	X	X	X		X	X					
Slippery Rock	X	X	X	X	X	X						X				X	X	X	X			X	X					
West Chester	X	X	X	X	X	X						X		X		X	X	X	X	Dive		X	X					

\* West Chester also offers Womens Gymnastics & Rugby



Exterior



Exterior



Exterior



Exterior



Exterior





Exterior



Exterior



Exterior



Exterior





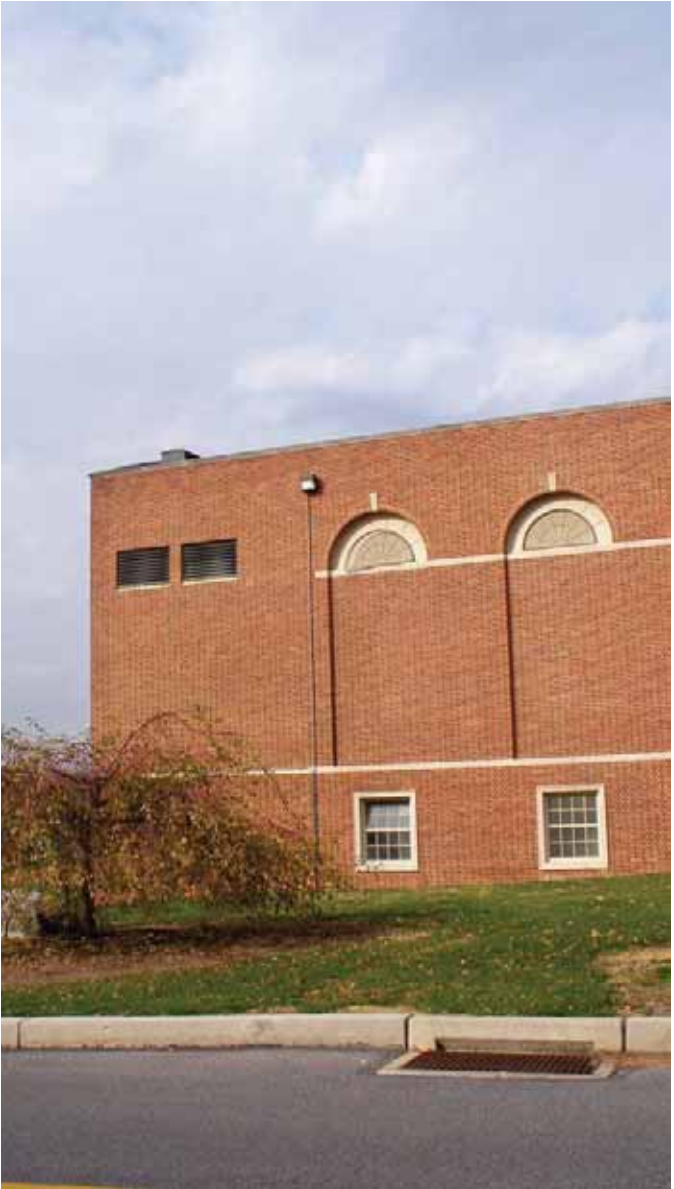
Exterior



Exterior



Exterior



Exterior



Office



Office



Office



Office





Office



Equipment Storage/ Office



Coach Office



Coach Office



Training



Training



Training



Laundry



Laundry/ Training





Gymnasium



Gymnasium



Gymnasium



Gymnasium



Exercise Science Lab



Classroom



Lobby



Lobby



Lobby





Women's Sports Locker Room



Women's Locker Room



Women's Sports Locker Room



Locker Room

**Henderson Gym**



Coaches Locker Room



Shower



Shower



Women's Lobby Toilet





Pool



Women's Toilet



Club Boxing



Pool



Equipment Room



Equipment Room





Exterior



Exterior



Entry



Main Entry



Exterior



Lobby



Coaches Offices



Coach Office



Football Coaches Offices



Coach Office





Women's Toilet



Wrestling Room



Wrestling Room



Laundry



Athletic Strength Training



Pool



Pool



Racquetball Courts



Pool





Training Room



Training Room



Training Room



Training Area



Training Room



Arena



Arena Seating



Arena Seating



Equipment Storage in Arena





Food Service Equip in Storage



Storage



Storage



Storage



Storage



Women's Sports Locker Room



Women's Sports Locker Room



Women's Basketball Locker Room



Women's





Women's Sports Locker Room



Men's Sports Locker Room



Women's Sports Locker Room



Men's Sports Locker Room **Heiges Field House**



Men's Showers



Men's Showers



Athletics Shower



Bleachers/Field



Bleachers/Field



Press Box



The Rock



Football Stadium





MEP



MEP/Storage



MEP/Storage



Storage under Bleachers



Storage under Bleachers



Storage under Bleachers





Janitor Closet



Equipment Storage



Football Storage



Equipment Storage

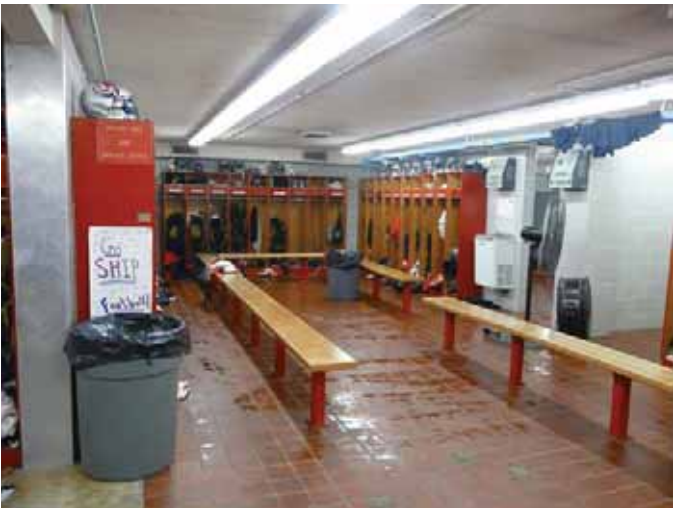


Training





Football Coaches Locker Room



Football Locker Room



Football Locker Room



Football Locker Room



Football Locker Room



Football Locker Room



Men's Toilet



Men's Toilet



Football Toilet



Football Shower



Alcove at Football Shower



Men's Toilet





Men's Toilet



Training Room



Women's Toilet



Training Room



Training Room





Football Equipment



Office Sports Medicine



Media Room



Backstop Area



Baseball



Ball Field toward Ship Rec



Backstop Area



Ball Field





Softball Facilities



Softball Field



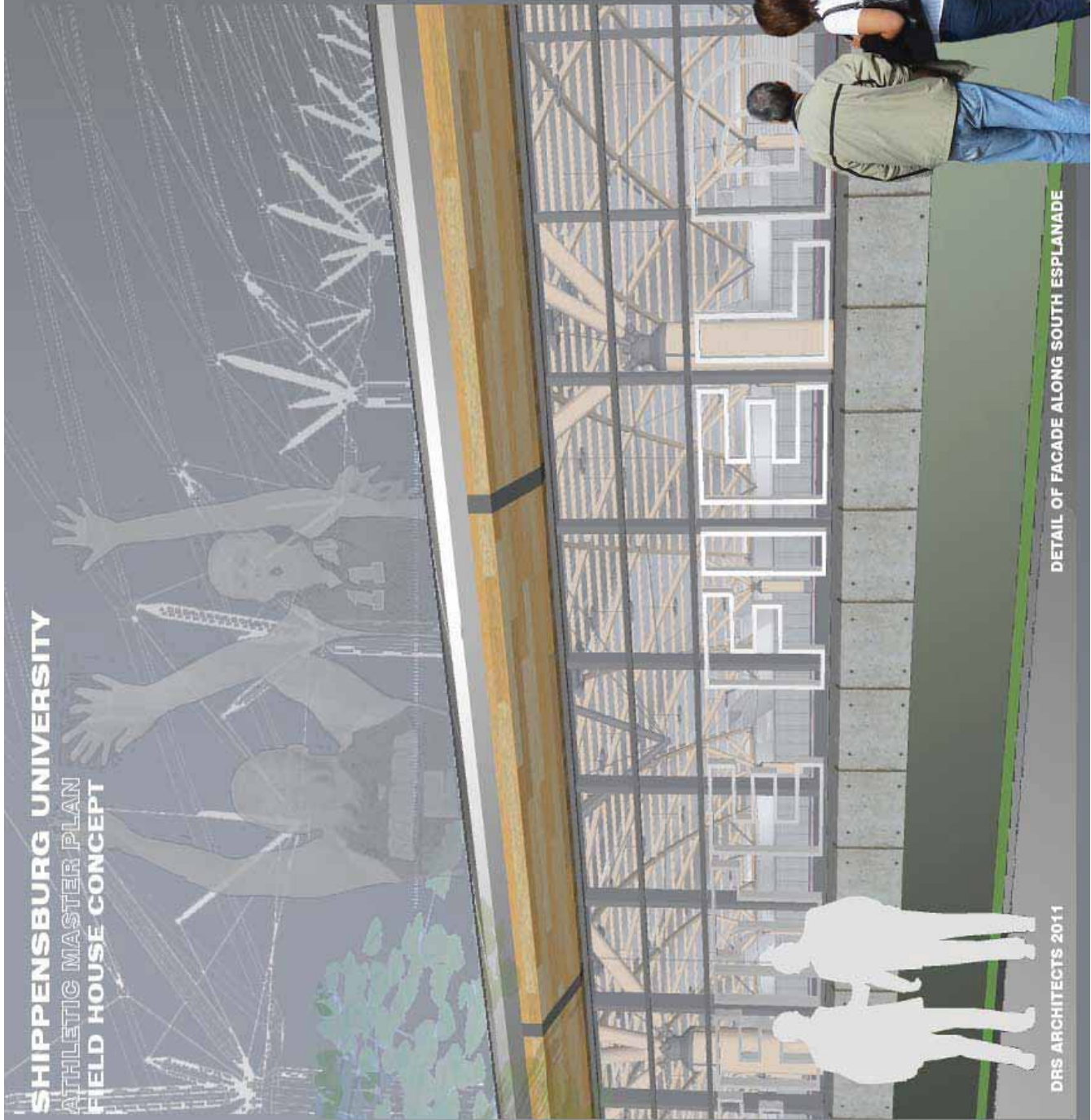
Press Box



Softball to Gilbert Hall

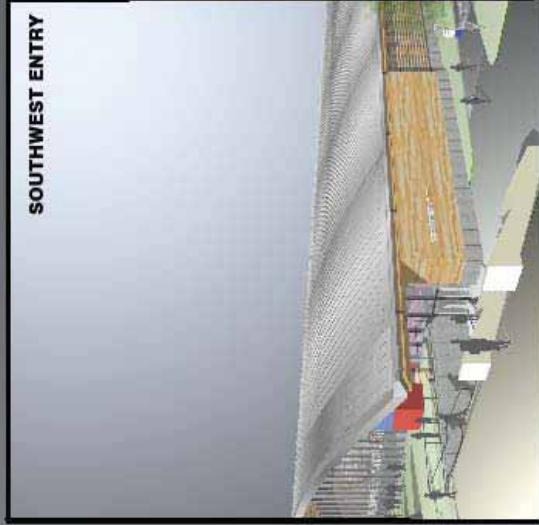


# SHIPPENSBURG UNIVERSITY ATHLETIC MASTER PLAN FIELD HOUSE CONCEPT



DRS ARCHITECTS 2011

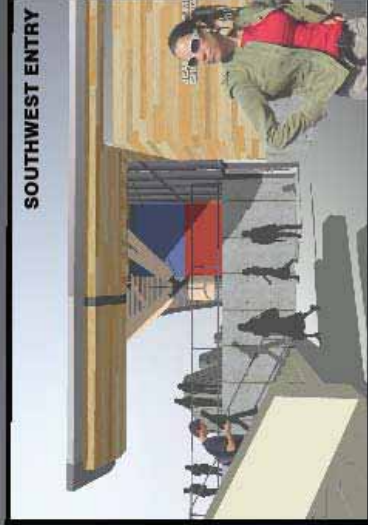
DETAIL OF FACADE ALONG SOUTH ESPLANADE



SOUTHWEST ENTRY



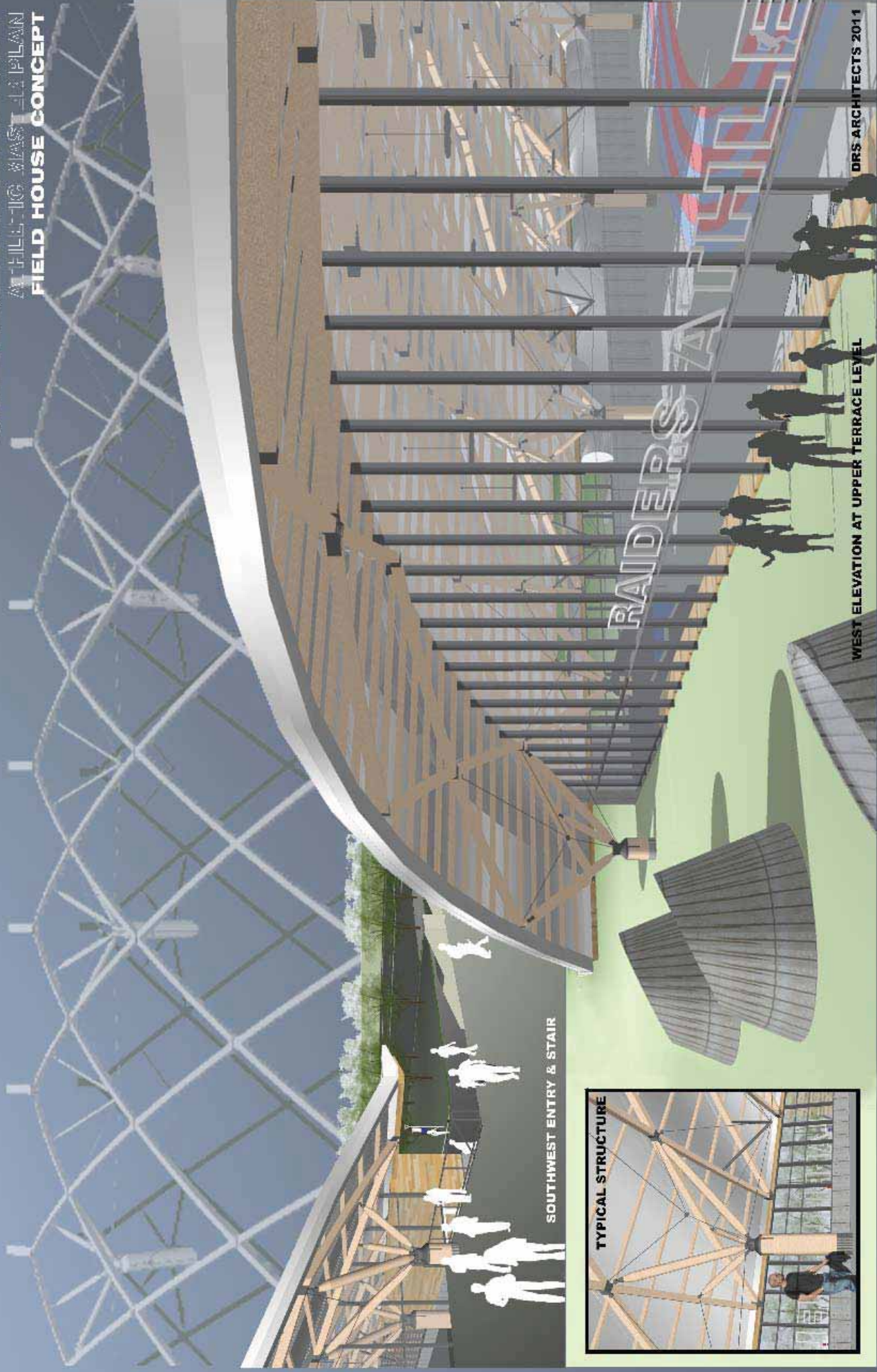
INTERIOR LOOKING WEST



SOUTHWEST ENTRY



**SHIPPENSBURG UNIVERSITY**  
**ATHLETIC WEST FIELD**  
**FIELD HOUSE CONCEPT**



**SOUTHWEST ENTRY & STAIR**



**TYPICAL STRUCTURE**

**WEST ELEVATION AT UPPER TERRACE LEVEL**