Florida State University
School of Theatre School of Theatre

FSU Flying High Circus

DWG ELLIOT M DATE 12/20/20

SCALE 3/32" = 1' 0"

FSU

CHRISTOPHER MENTOR | SPRAGUE

In their 73rd season, the FSU Flying High Circus is a 187' by 117',1300-seat, three-ring circus tent located on the Main Campus of Florida State University in Tallahassee, Florida. Directly adjacent to the main tent is a 18m by 9m auxiliary tent currently used as the concession and lobby area. Also on site is a 84' by 51' metal wall building containing offices, storage, and training spaces.

Each academic year, the Flying High Circus produces 70-80 shows coordinated by 5 full-time faculty and produced by a student cast of over 150 performers/technicians.

Both tents on site are temporary structures and therefore must be taken down each year according to law. As part of one of the program's main philosophies to educate the performers in all aspects of the production, the students work as the crew to set up and tear down the tent each year in a week-long process.

B

TABLE OF CONTENTS:

000 SERIES- EXISTING CAMPUS

100 SERIES- *RENOVATION* MAIN CIRCUS

500 SERIES- *RENOVATION* WAREHOUSE

200 SERIES- *NEW* CONCESSIONS AND ENTRANCEWAY

300 SERIES- *NEW* DRESSING ROOMS

400 SERIES- *RENOVATION* FENCE

600 SERIES- *NEW* AC UNITS

CALLOUTS:

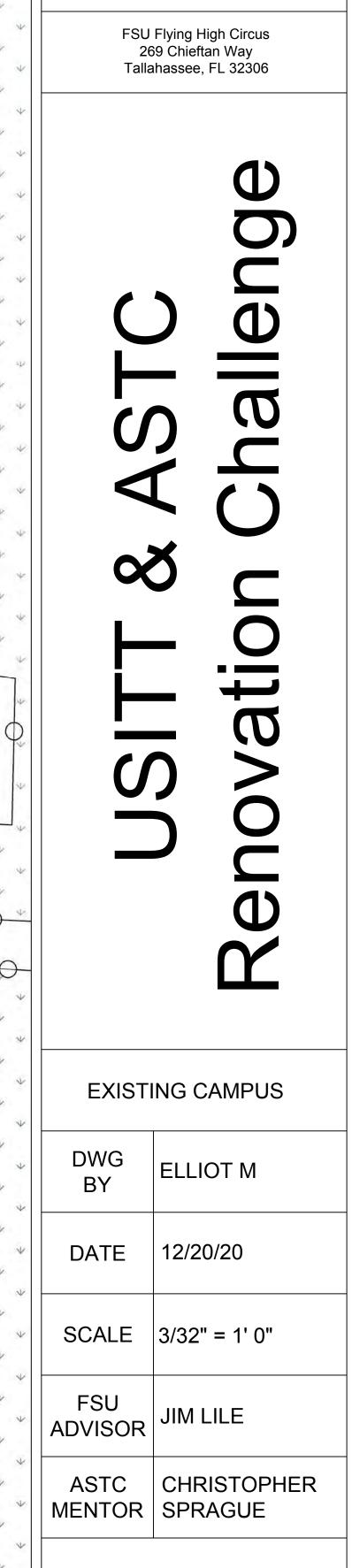
A - MAIN TENT

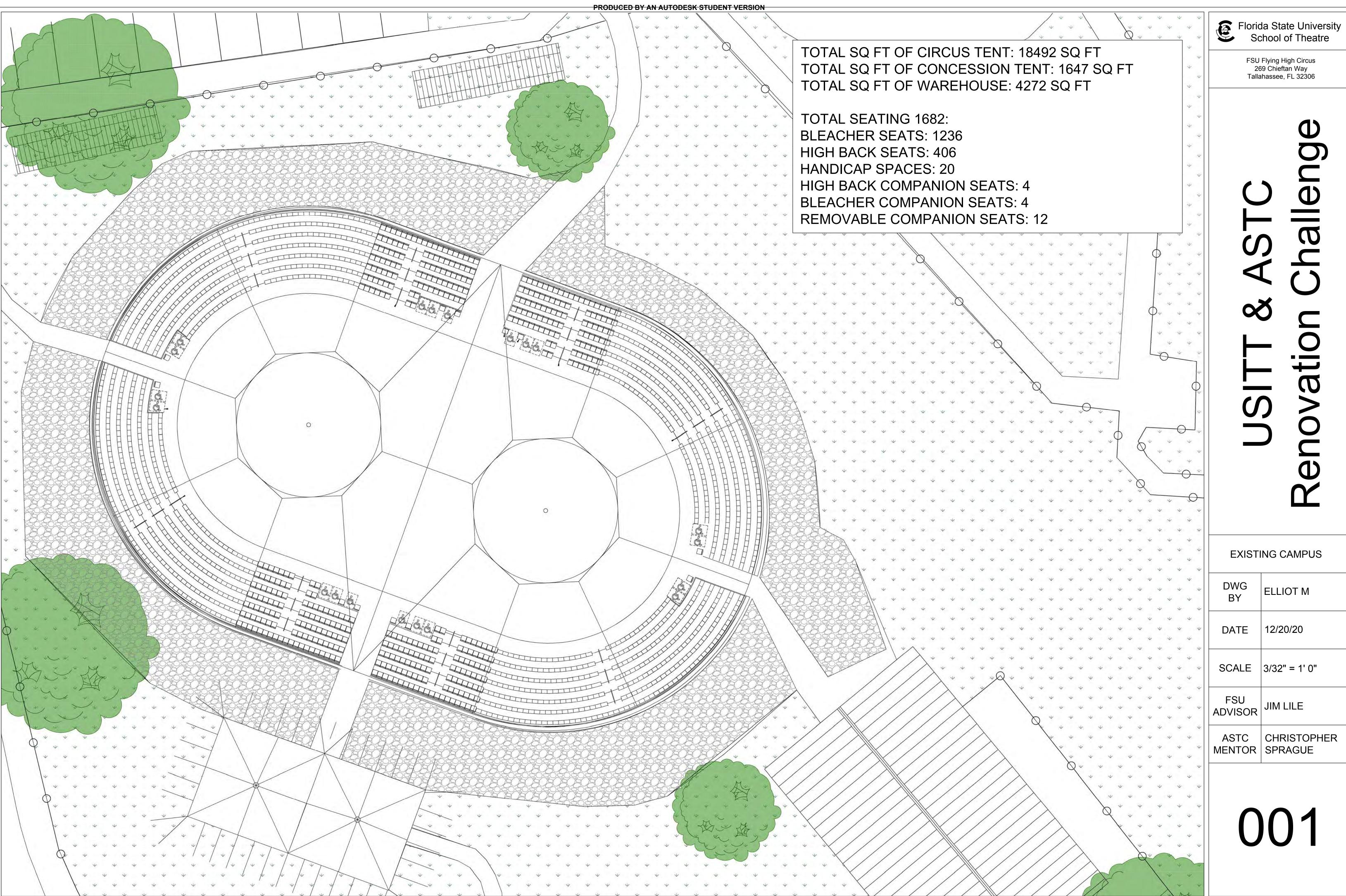
G - CURRENT WAREHOUSE

- MEMORIAL SPACE

B - CURRENT CONCESSIONS TENT

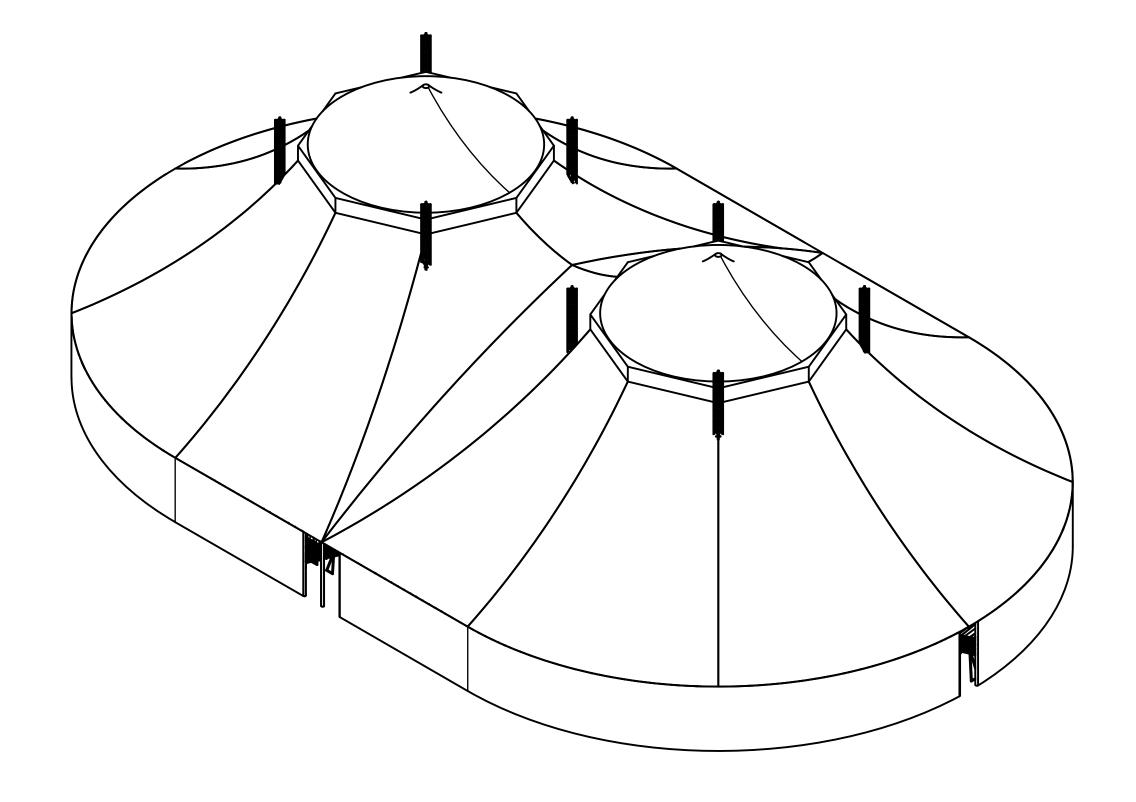
F - CURRENT CHAINLINK FENCE





| EXISTING CAMPUS | |
|-----------------|---------------|
| DWG BY | ELLIOT M |
| DATE | 1/27/21 |
| SCALE | 1/16" = 1' 0" |
| FSU ADVISOR | JIM LILE |
| ASTC | CHRISTOPHER |

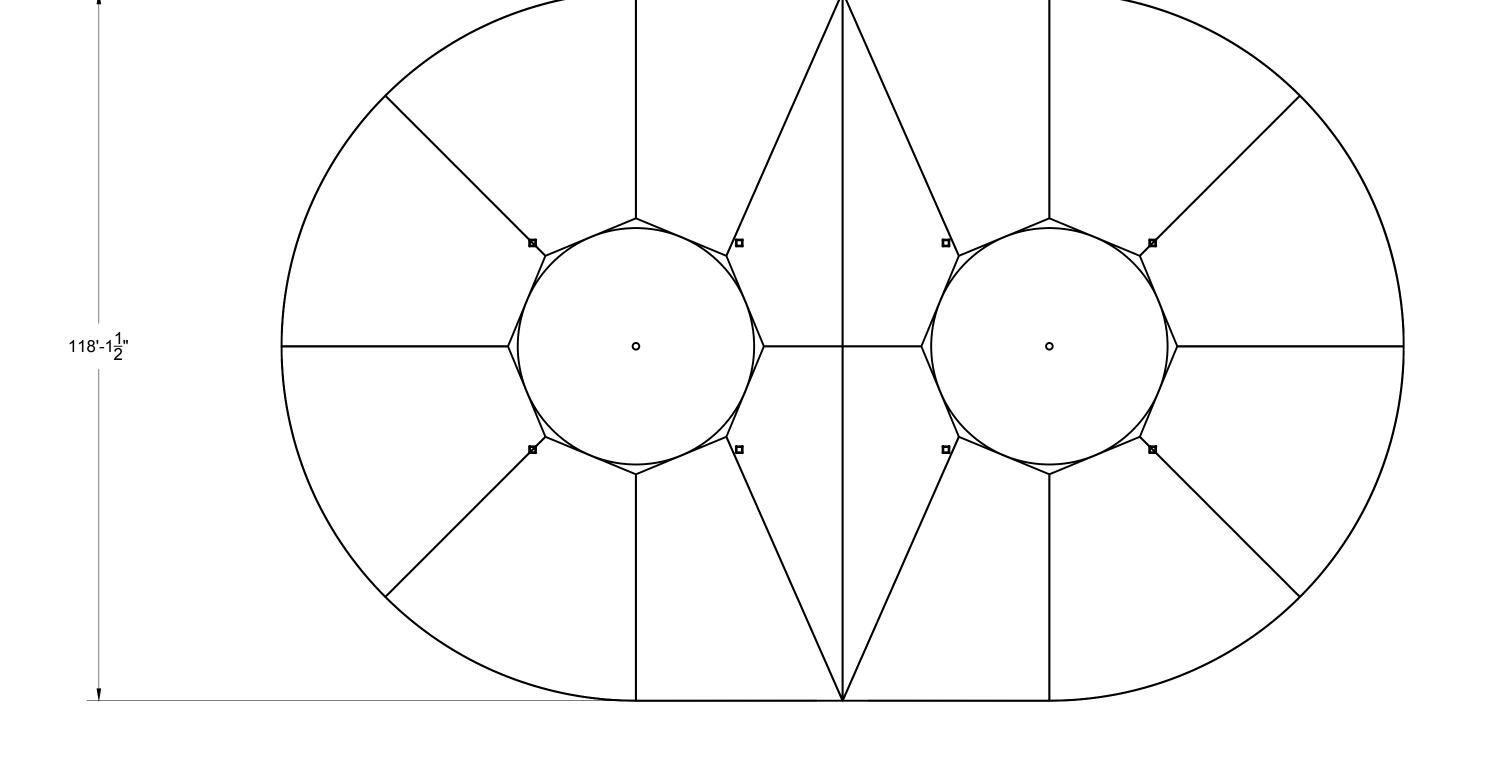
MENTOR SPRAGUE

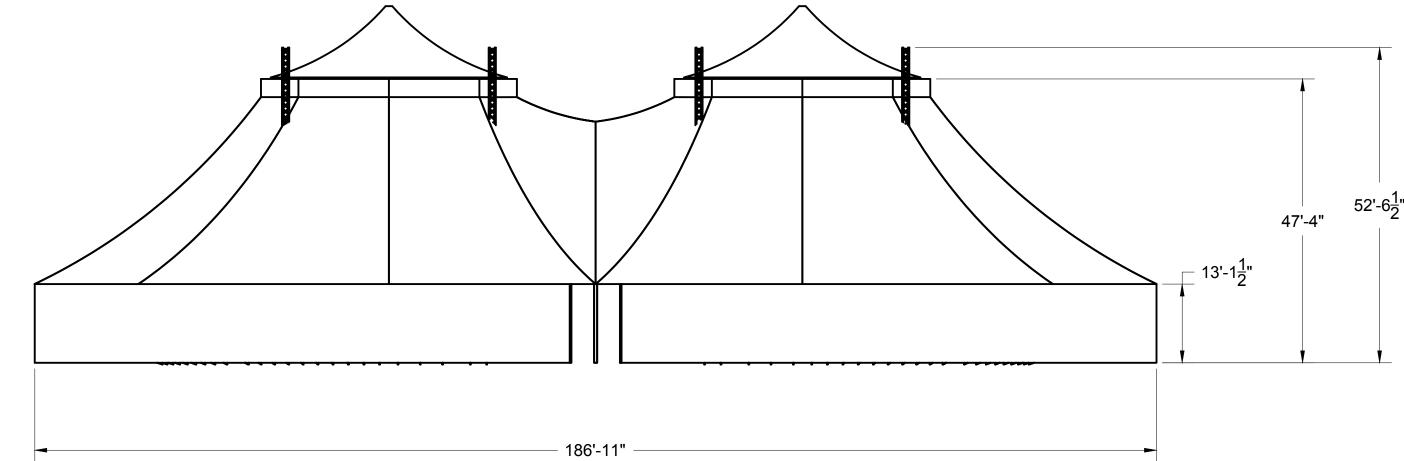


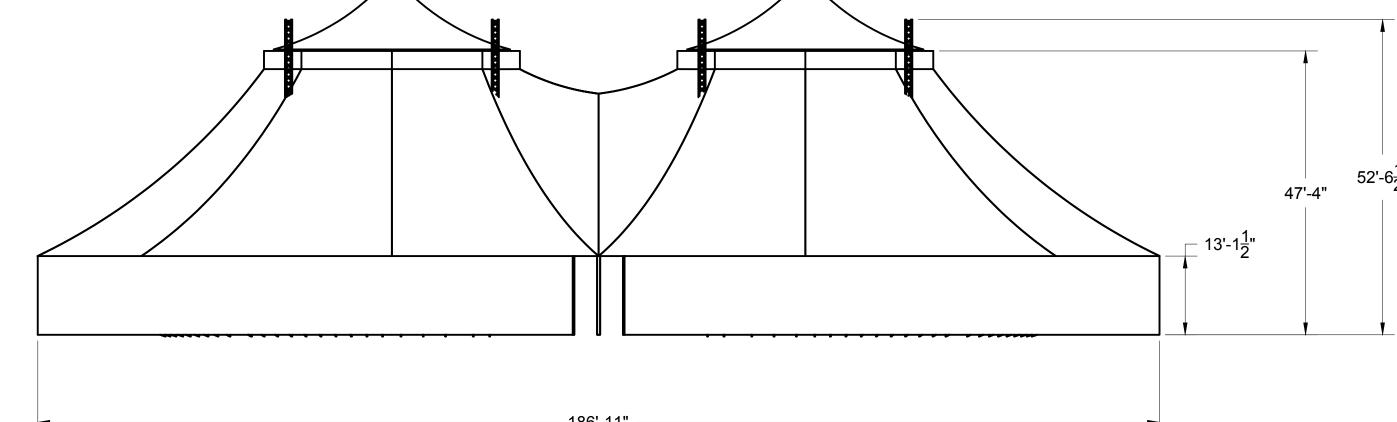
- 118'-1<mark>1</mark>"

ORTHO

1/16" = 1' 0"







1 MAIN CIRCUS TENT

EXISTING CIRCUS TENT WITHOUT ANY RENOVATIONS
TENT IS BUILD UPON 8 VERTICLE TRUSSES WHICH RAISE THE COPPOLA TRUSS THAT SUPPORTS EVERYTHING. TENT FABRIC IS MADE FROM A FLAME RESISTENT VINYL

PRODUCED BY AN AUTODESK STUDENT VERSION

Florida State University
School of Theatre

FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

DWG
BY

ELLIOT M

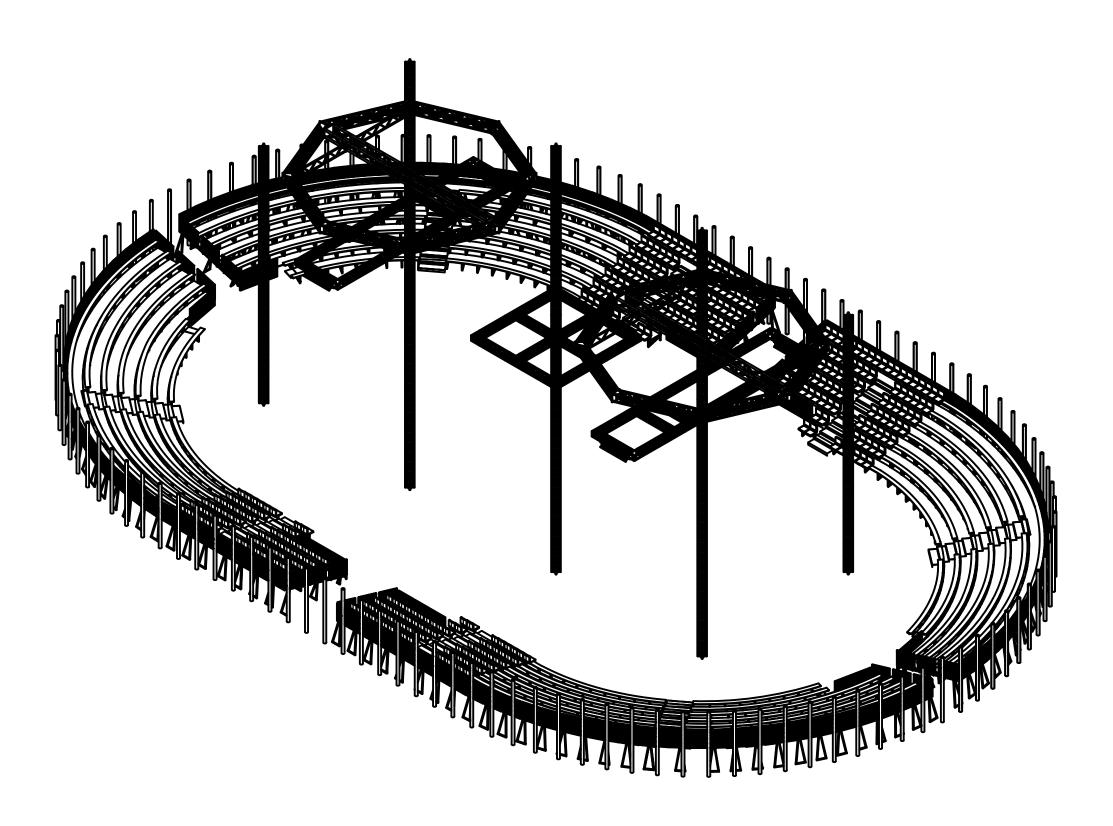
DATE 1/27/21

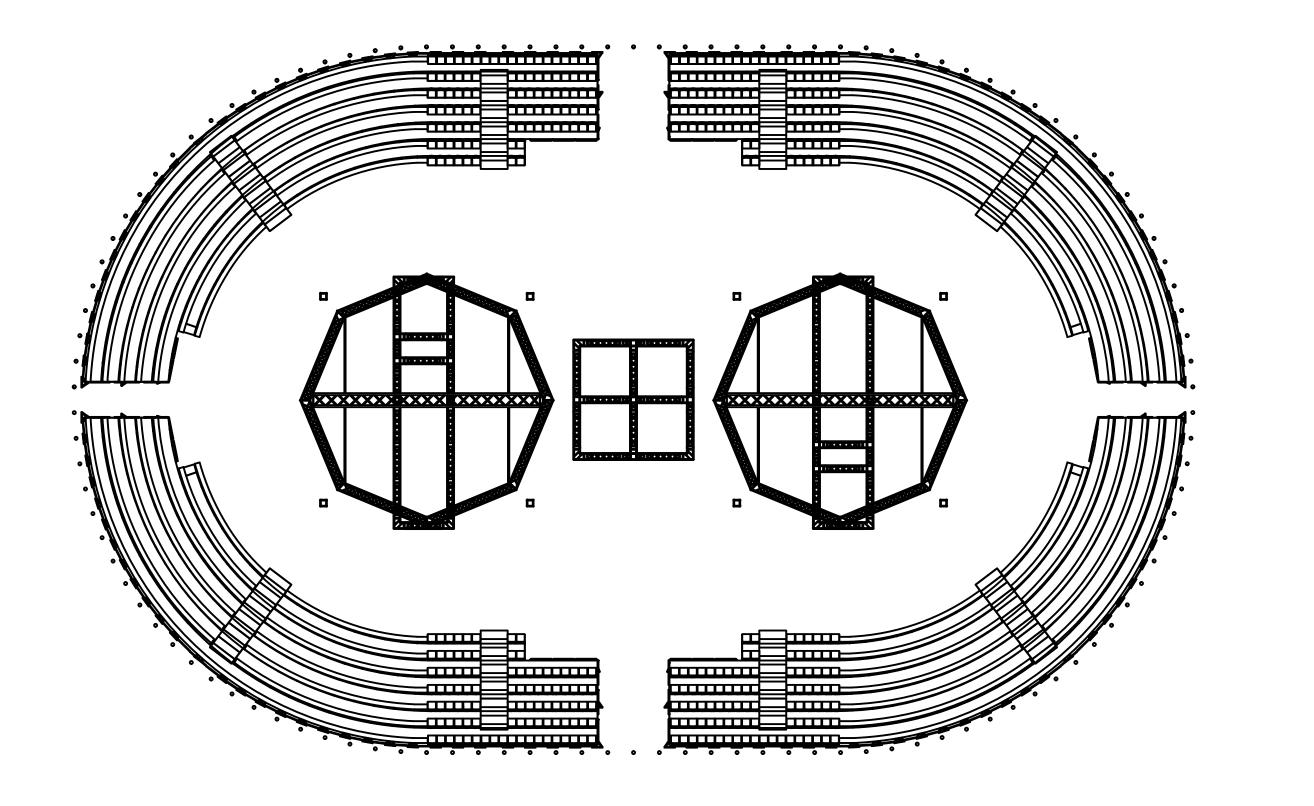
SCALE 1/16" = 1' 0"

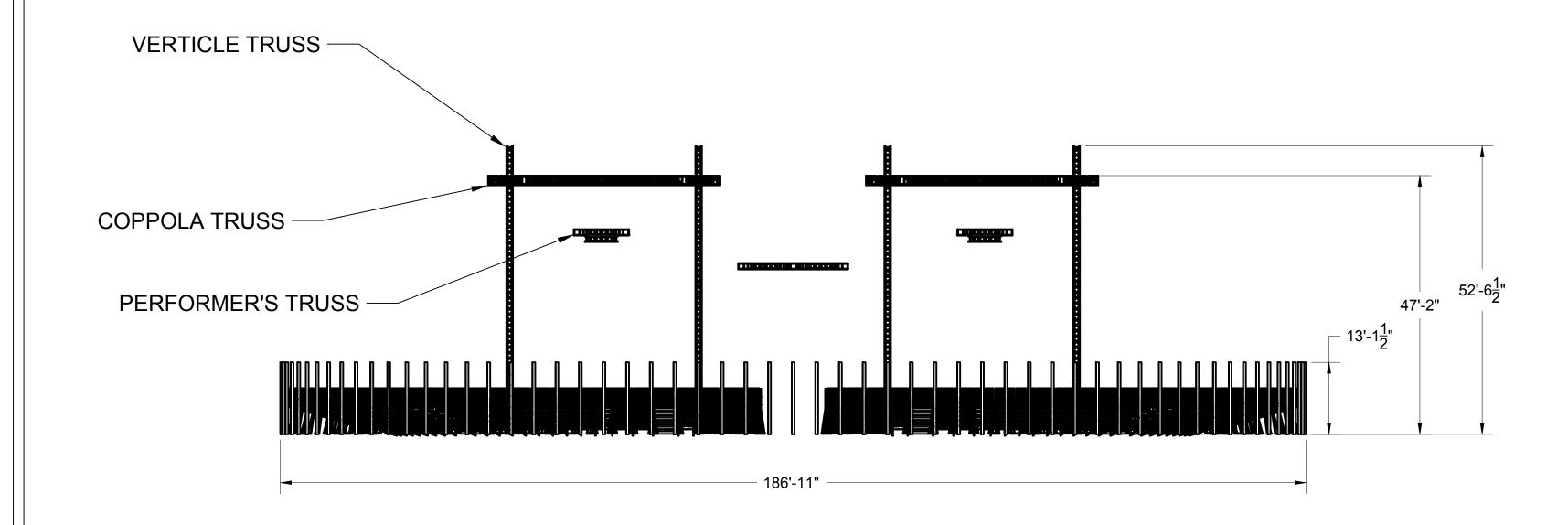
FSU ADVISOR JIM LILE

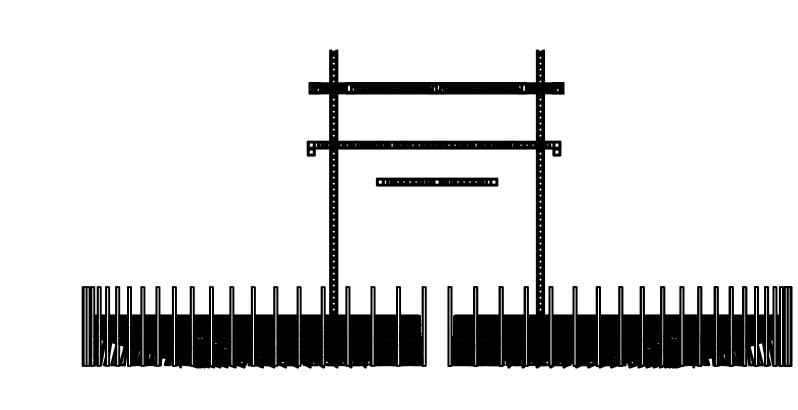
ASTC CHRISTOPHER MENTOR SPRAGUE

003







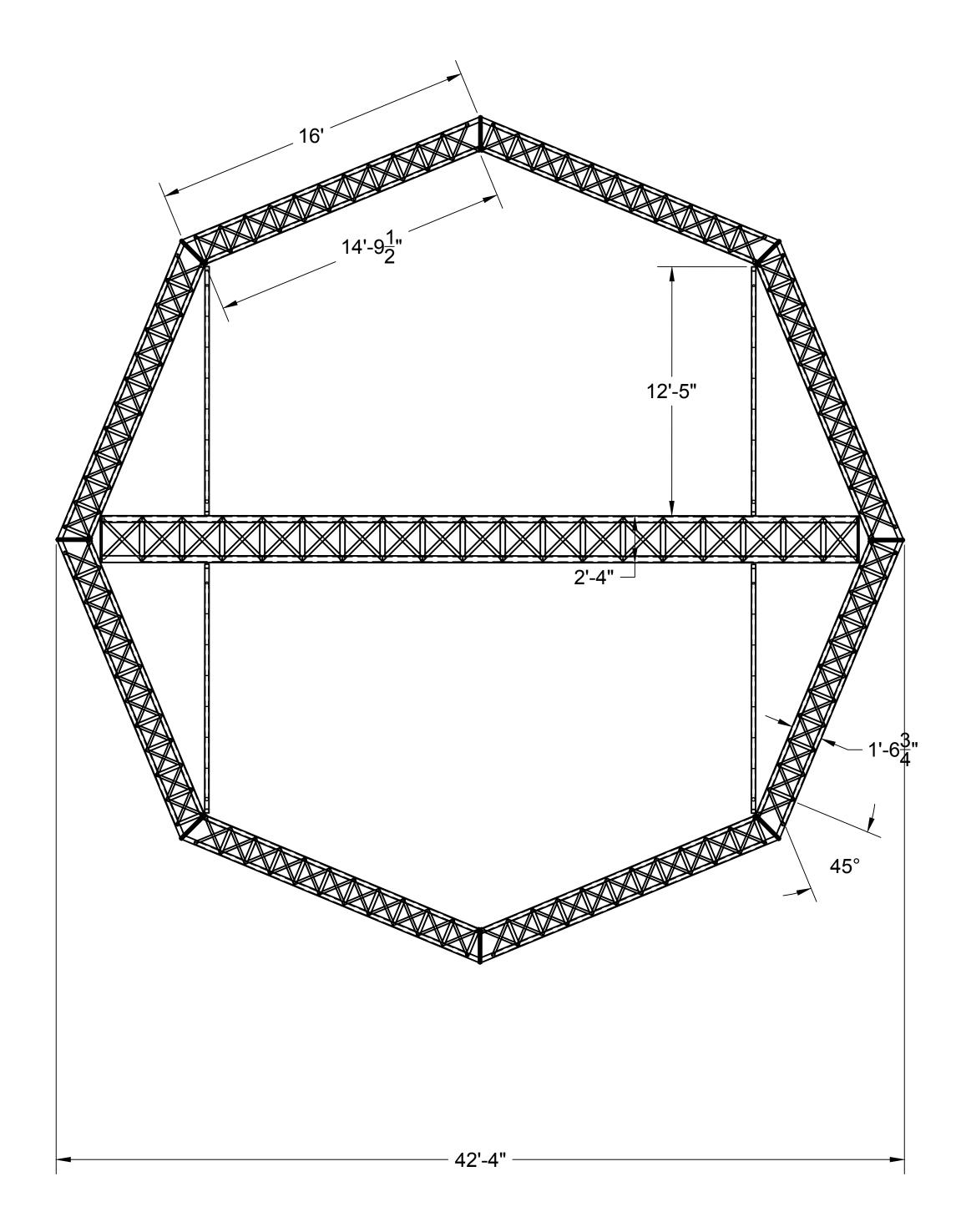


1 EXISTING MAIN CIRCUS TENT WITH SEATING
002 PERFORMER'S TRUSS HANGS FROM COPPOLLA TRUSS

ORTHO SCALE

PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION



- -The Coppola Truss is at the center of all the main action.
- -It supports the center hung truss and it connected to the Vertical supports.
- -Lighting instruments and winches can be connected to this truss unit.
- -2 identical truss units are used within the tent structure. Primarily used for new Martin ERA 500 Hybrid IP's for optimal effect. These are rated for outdoors.



Renovation Challeng

| Coppola Truss | |
|----------------|------------------------|
| DWG BY | WES SEIDERMAN |
| DATE | 1/26/21 |
| SCALE | 1/4" = 1' 0" |
| FSU ADVISOR | JIM LILE |
| ASTC MENTOR | CHRISTOPHER SPRAGUE |



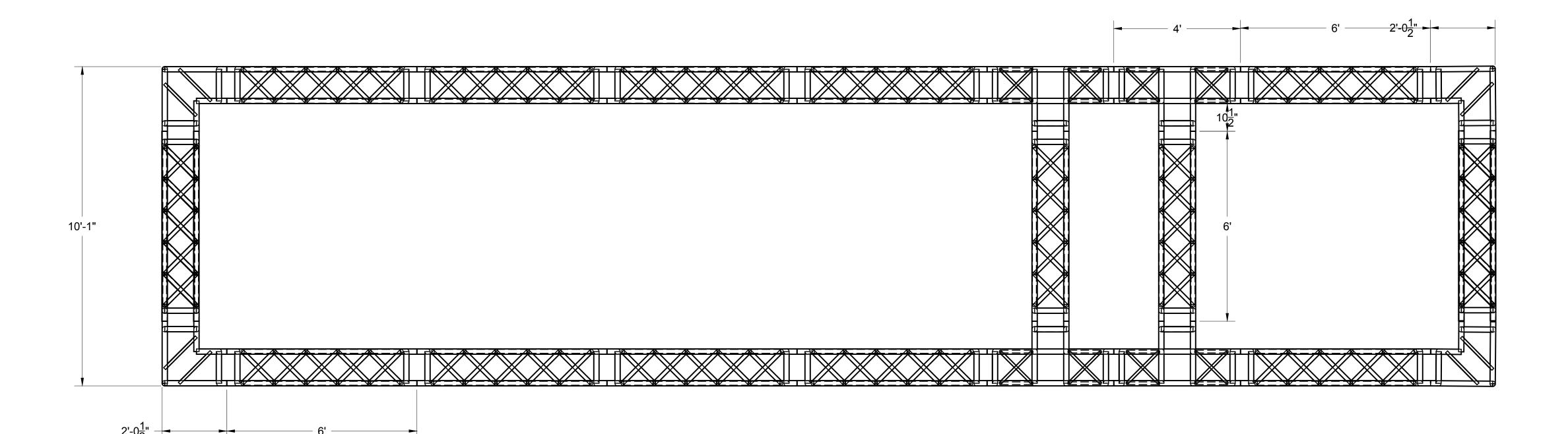
Florida State University
School of Theatre

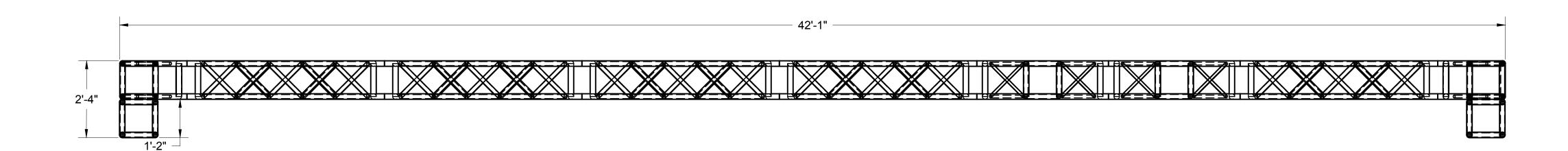
FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

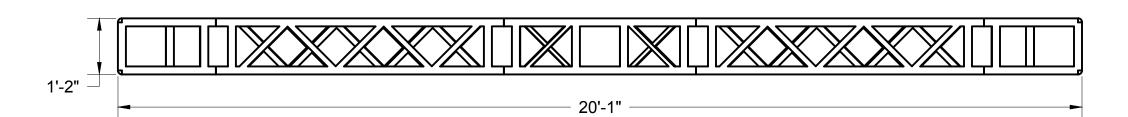
Center Truss Columns

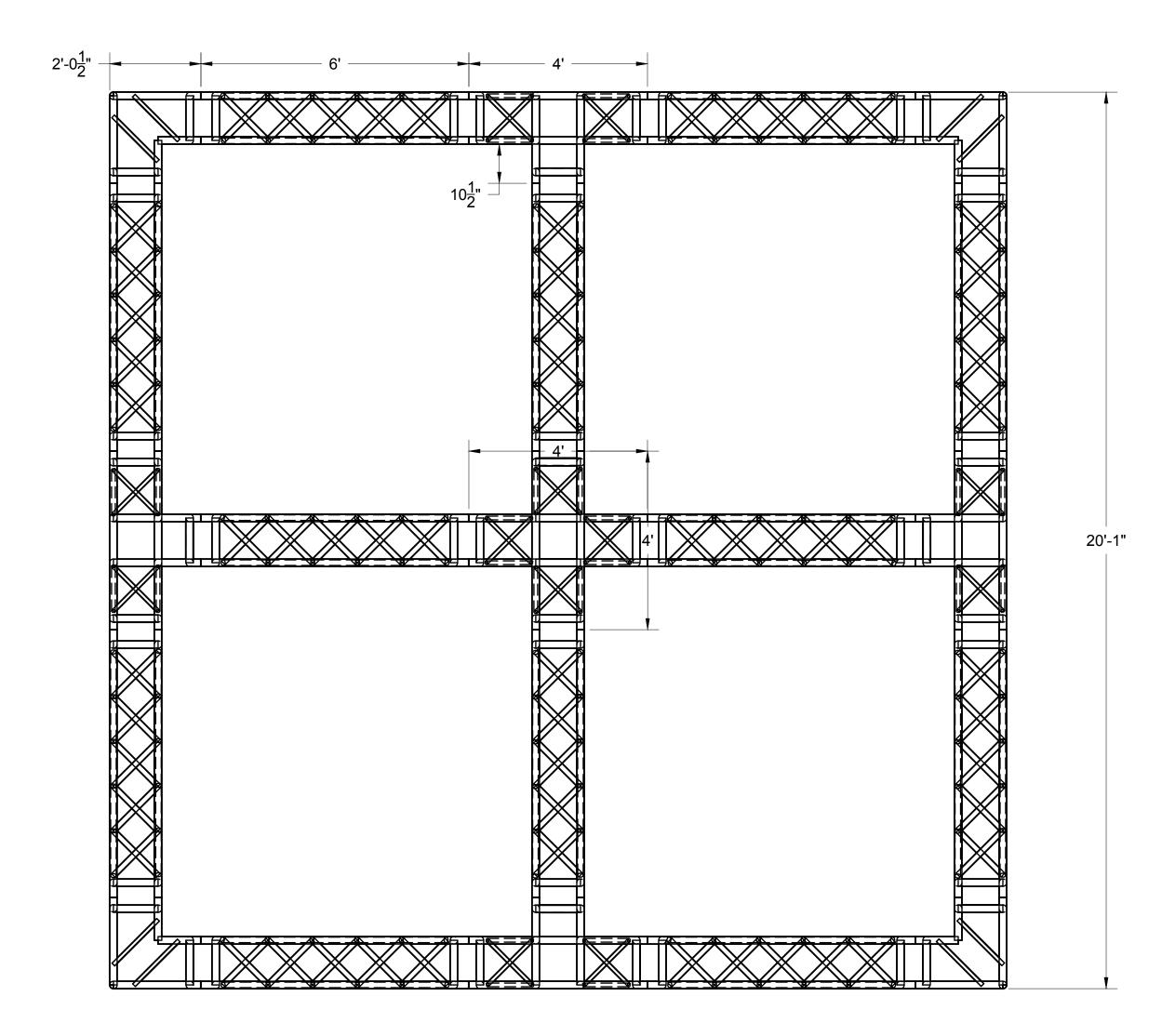
| DWG BY | WES SEIDERMA |
|----------------|------------------------|
| DATE | 1/31/21 |
| SCALE | 1/2"=1' |
| FSU ADVISOR | JIM LILE |
| ASTC MENTOR | CHRISTOPHER SPRAGUE |

- -This truss supports Lighting Instruments and winches.
 -Primarily used for performance lifting and aerials.
- -Suspended from the Coppola truss(702) at center.
- -Connected using 6' straight sections, 2'.5" right angle sections, and 4' T-shaped sections.
- -Truss to be fabricated off-site.









- -This truss supports Lighting Instruments and winches.
- -Primarily used for performance lifting and aerials.
- -Suspended from both Coppola truss(102).
- -Connected using 6' straight sections, 2'.5" right angle sections, and 4' T-shaped sections.
- -Truss to be assembled off-site.
- -Stationary between tent points.

Florida State University
School of Theatre

FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

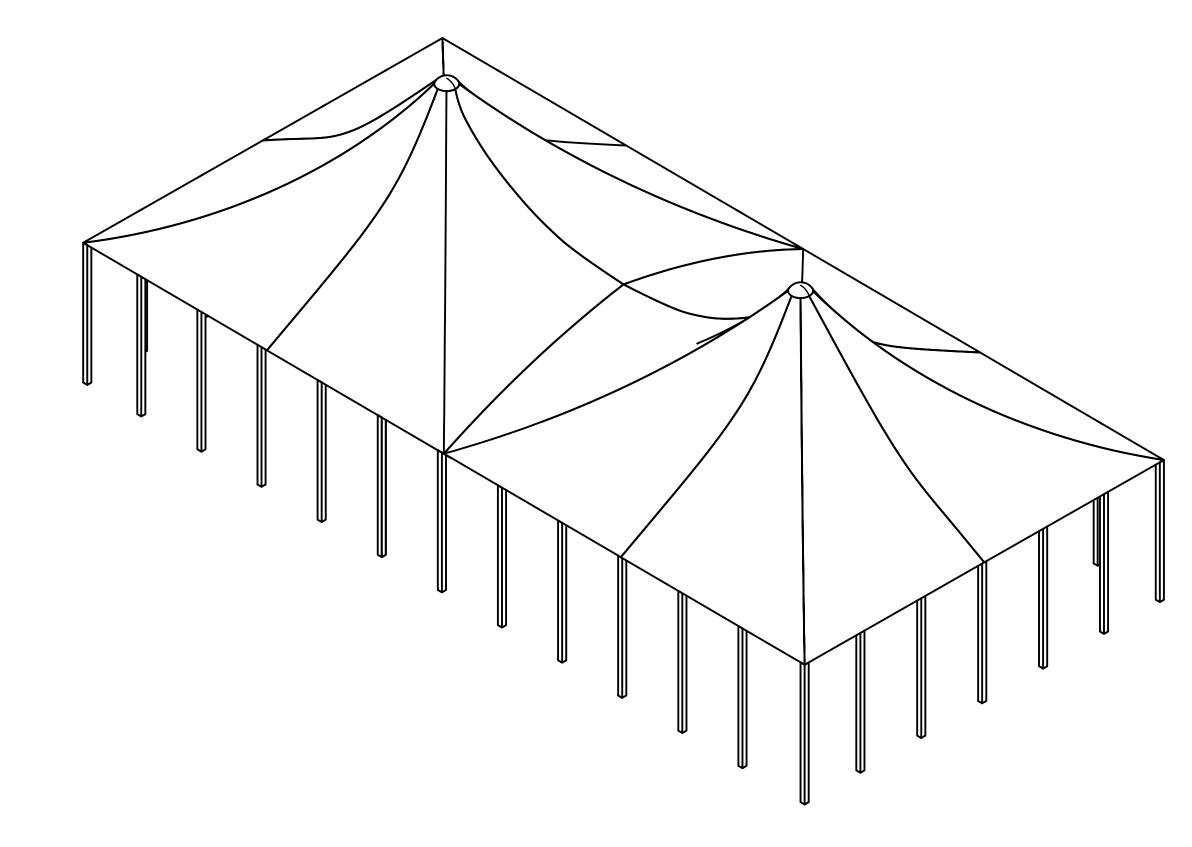
Renovation Challenge

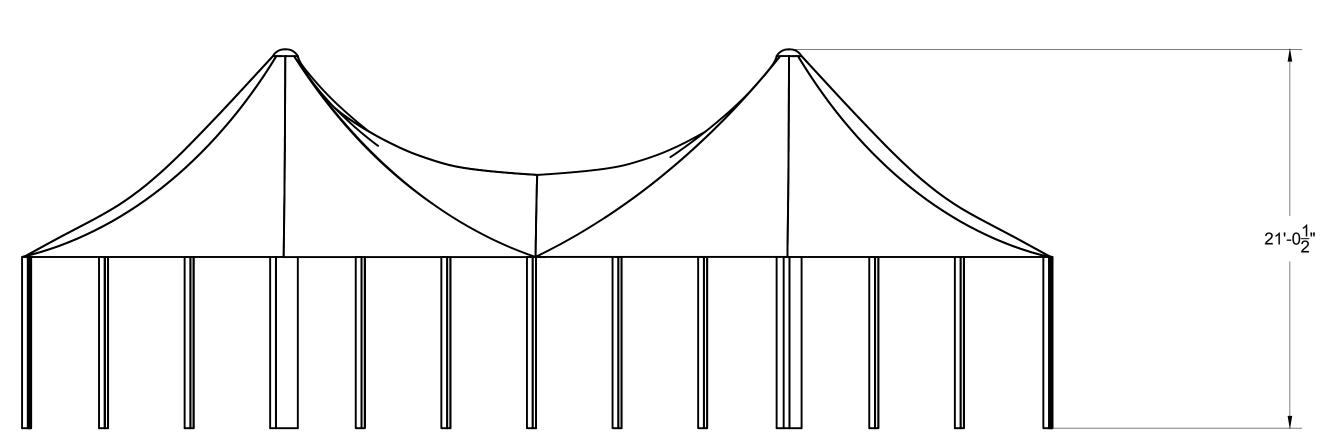
| Center Truss Square | |
|---------------------|------------------------|
| DWG BY | WES SEIDERMAN |
| DATE | 1/31/21 |
| SCALE | 1/2"=1' |
| FSU ADVISOR | JIM LILE |
| ASTC MENTOR | CHRISTOPHER SPRAGUE |

| CONCESSIONS TENT | |
|------------------|-----------------|
| DWG BY | EMILY CHANCELLC |
| DATE | 1/27/21 |
| SCALE | 3/16" = 1' 0" |
| FSU | |

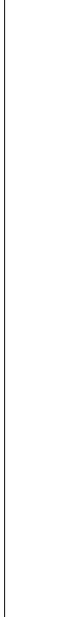
ADVISOR JIM LILE ASTC CHRISTOPHER SPRAGUE

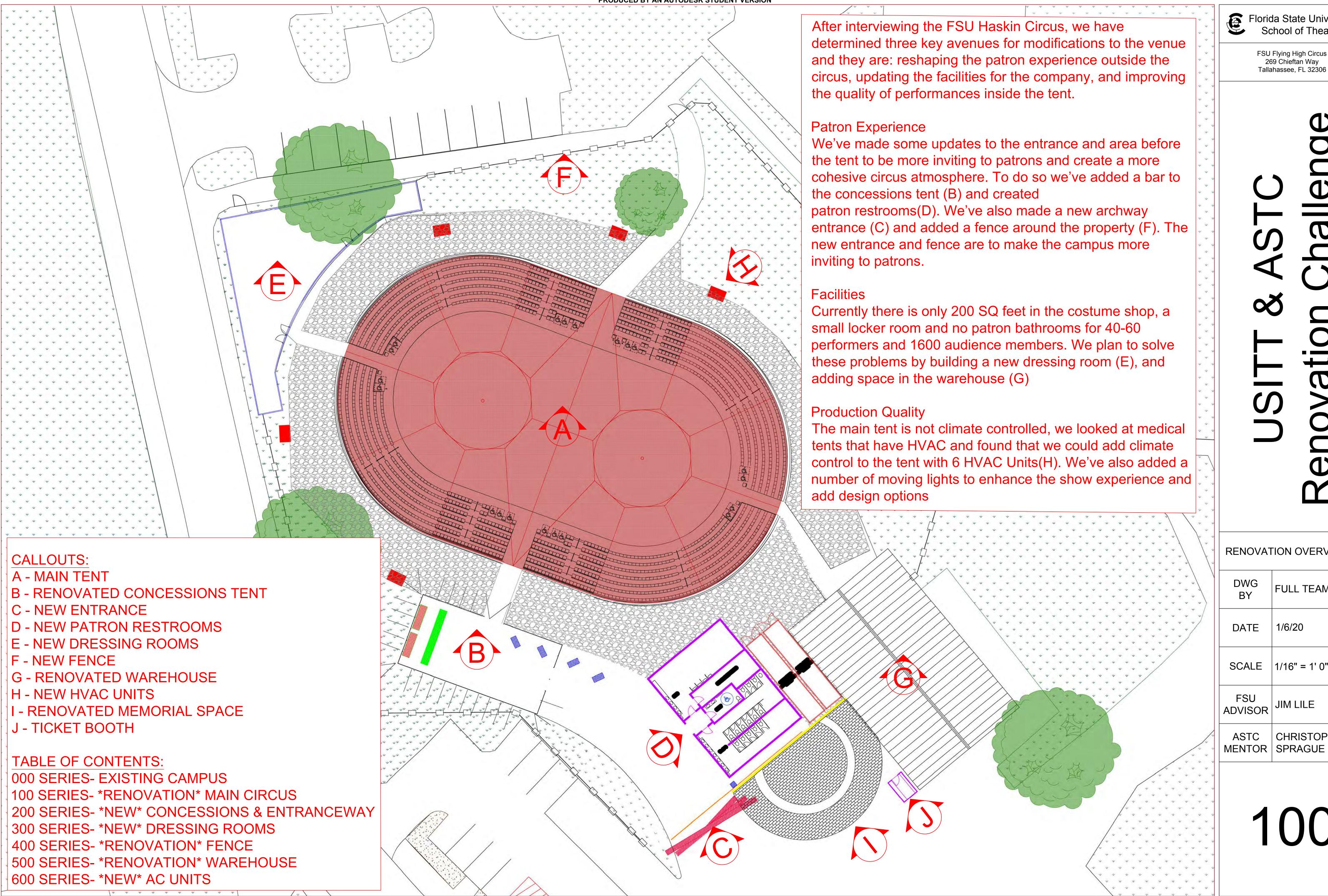
ORTHO SCALE





1 EXISTING MAIN CIRCUS TENT WITH SEATING 002 PERFORMER'S TRUSS HANGS FROM COPPOLLA TRUSS





Florida State University
School of Theatre School of Theatre

> FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

| RENOVATION OVERVIEW | |
|---------------------|--|
| | |

| | DWG BY | FULL TEAM |
|---|----------------|---------------|
| | DATE | 1/6/20 |
| | SCALE | 1/16" = 1' 0" |
| | FSU ADVISOR | JIM LILE |
| 1 | ASTC | CHRISTOPHER |



Renovation Challenge

| Light Plot | |
|------------|--------------|
| DWG BY | WES SEIDERMA |
| DATE | 1/31/21 |
| | |

SCALE 1/4" - 1'

FSU ADVISOR JIM LILE

ASTC CHRISTOPHER MENTOR SPRAGUE

101

-Moving Light ground plan.

-(6) Movers per side(102) of tent for optimal throw.

-Included plate 102,103,104,and 105.

-Custom truss to be fabricated offsite.

-Design is only preliminary and as shown below available for constant change.

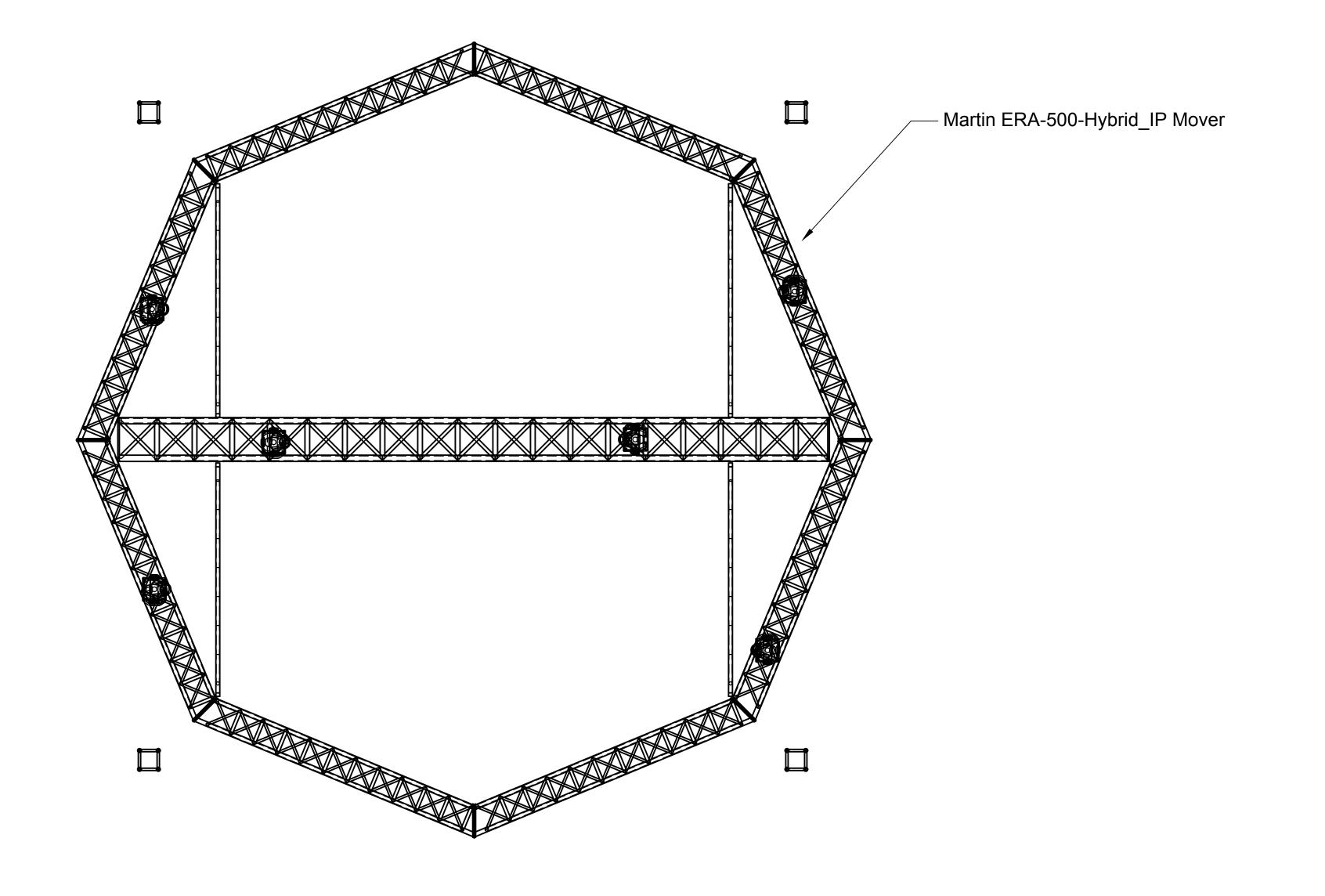
-These are the Martin ERA-500-Hybrid IP Movers. Rated for Outdoor use

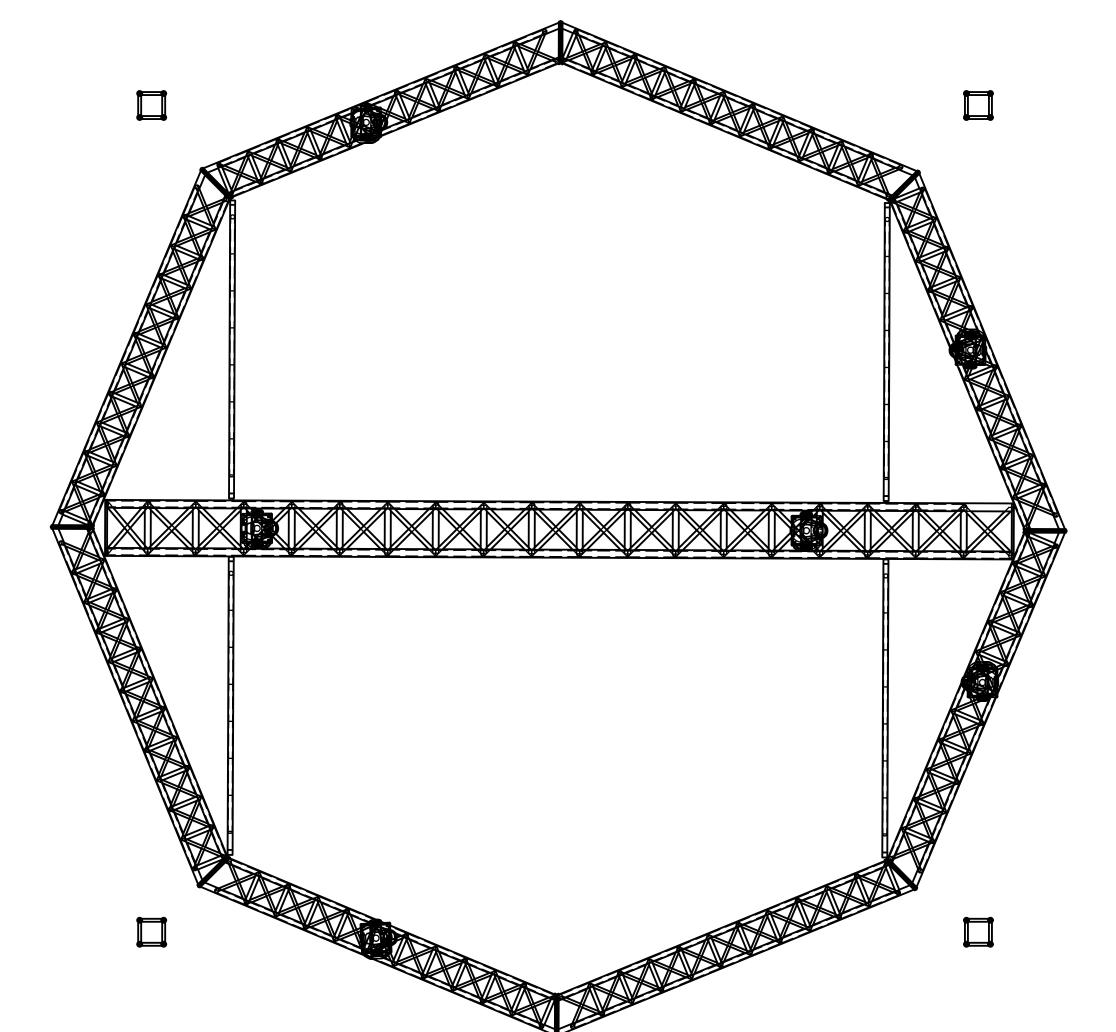
-This (Outdoor rating) was a key factor when researching instruments.

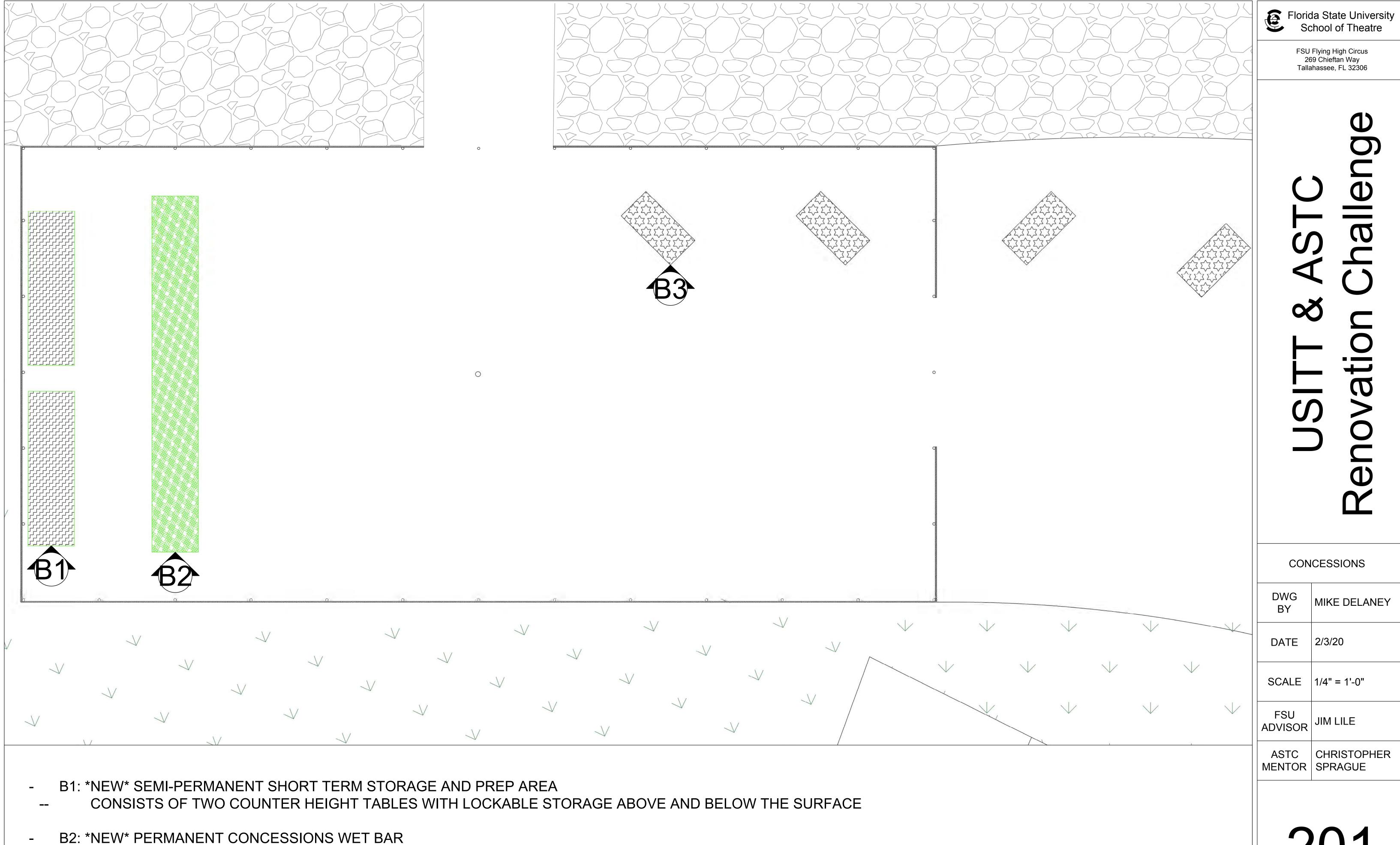
-Bright short-arc 370W lamp with 6000 Hour Lamp Life.

-Full CMY Color Mixing System.

-Extensive 1:20 Zoom with Beam, Spot and Wash modes.







PRODUCED BY AN AUTODESK STUDENT VERSION

CONCESSIONS

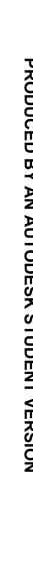
DWG MIKE DELANEY

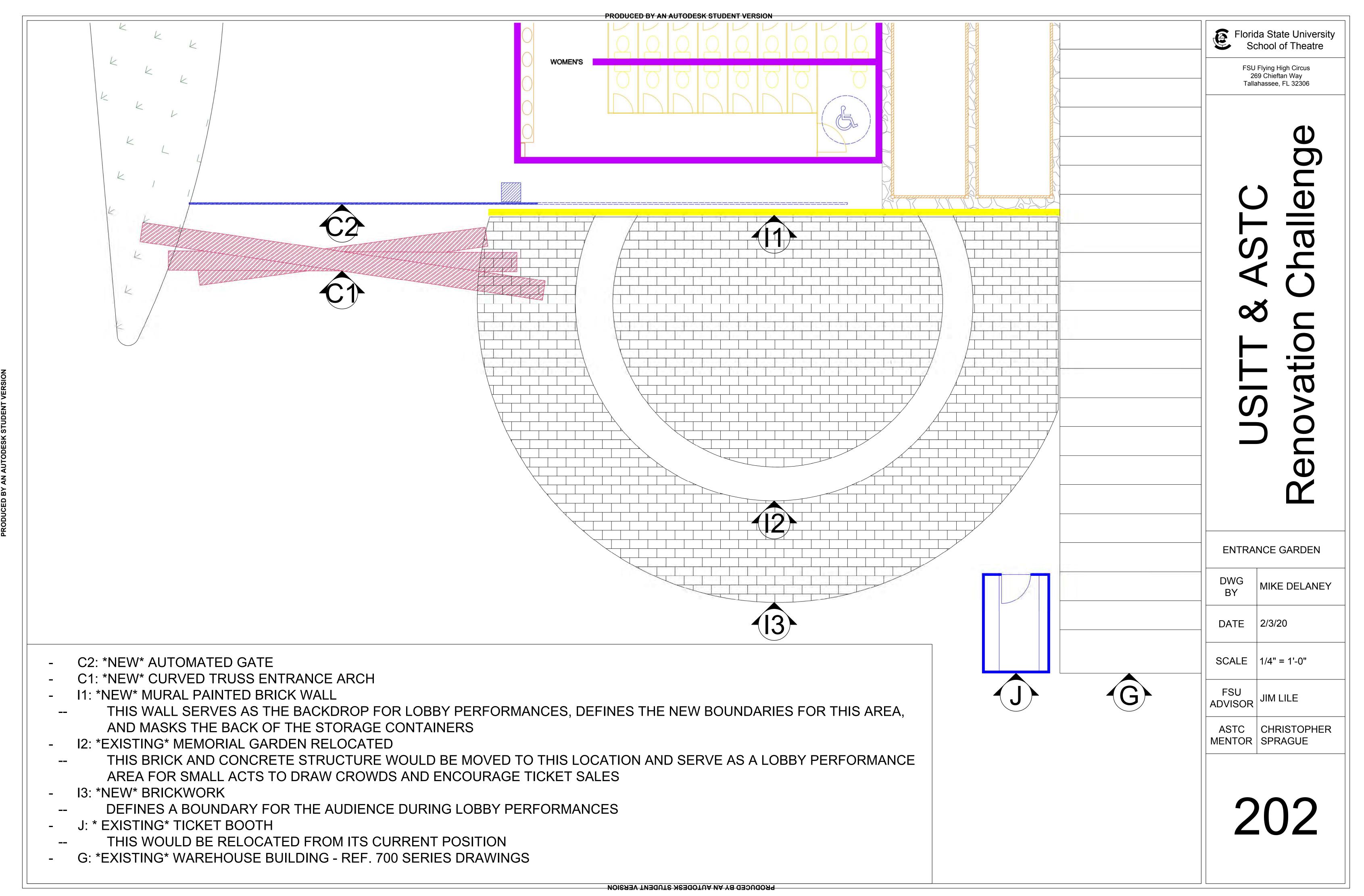
2/3/20

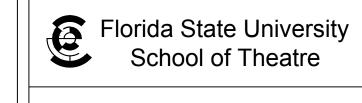
SCALE 1/4" = 1'-0"

CHRISTOPHER MENTOR SPRAGUE

- B3: *EXISTING* CONCESSION STANDS RELOCATED
- FSU CIRCUS CURRENTLY OWNS A STOCK OF MOBILE FOOD VENDING CARTS TO SERVE FOOD THIS IS ONE VIABLE ARRANGEMENT DURING A PERFORMANCE







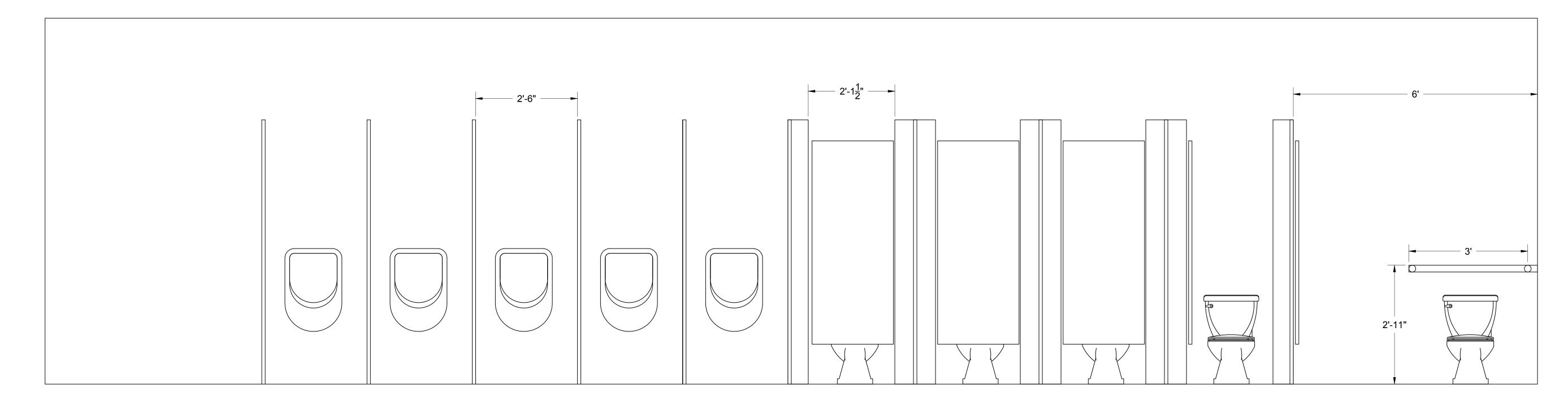
BATHROOM SECTIONS

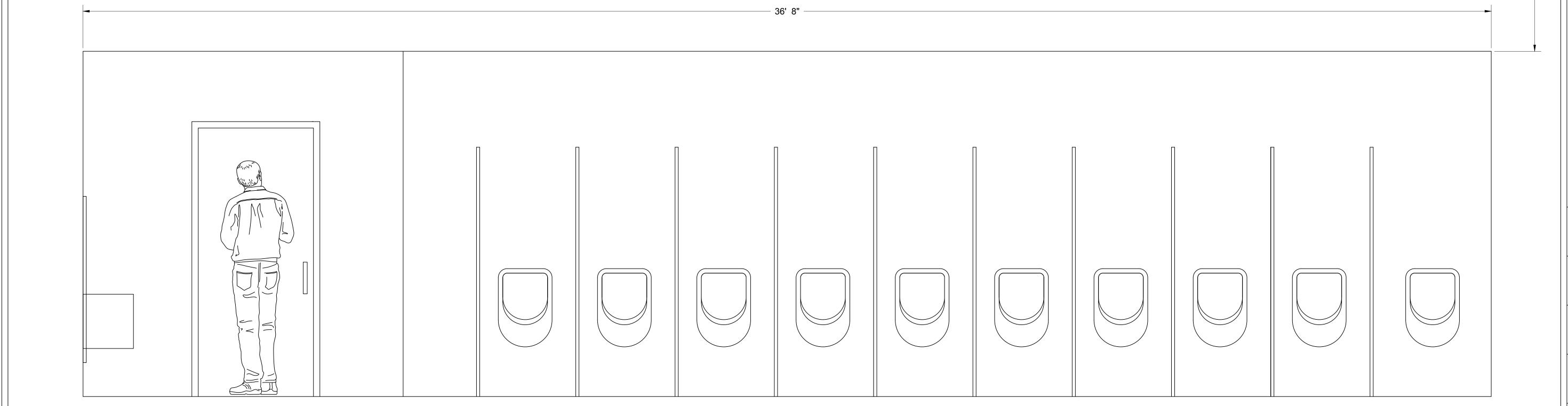
DWG BY MIKE DELANEY

DATE 2/3/20

SCALE AS NOTED

ASTC CHRISTOPHER MENTOR SPRAGUE





- SECTION: MEN'S ROOM
- 3 URINALS, 4 TOILETS, 1 ADA COMPLIANT TOILET AND STALL
- 7 SINGLE SINKS WITH AUTOMATIC TAPS
- 2 PAPER TOWEL DISPENSERS



BATHROOM SECTIONS

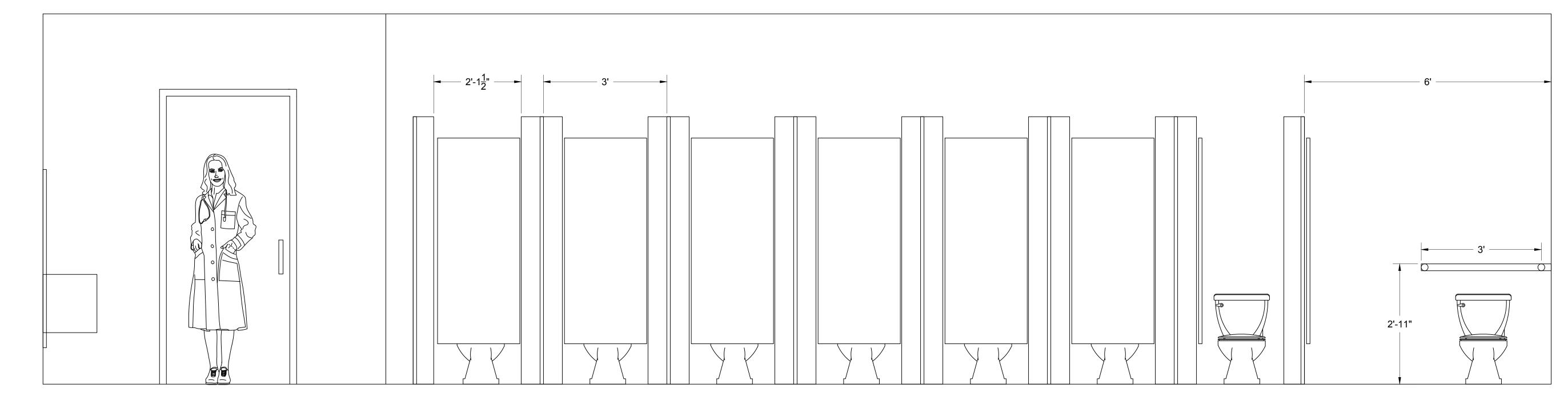
DWG MIKE DELANEY

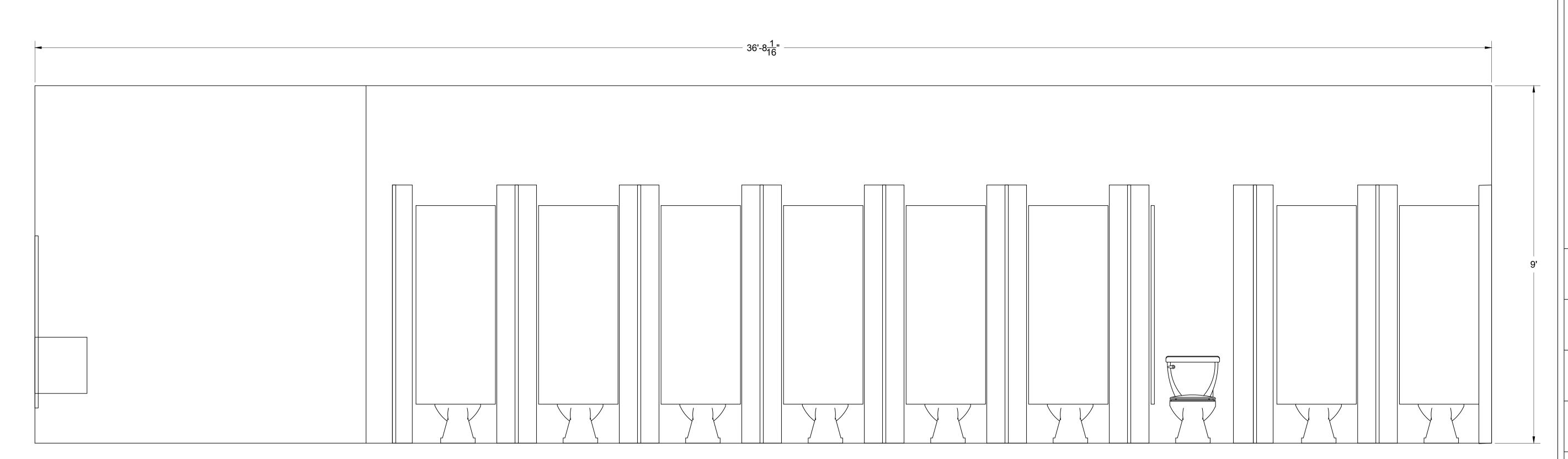
SCALE 3/4" = 1' - 0"

DATE 2/3/20

FSU ADVISOR JIM LILE

ASTC CHRISTOPHER MENTOR SPRAGUE





- SECTION: WOMEN'S ROOM
- 21 TOILETS, 1 ADA COMPLIANT TOILET AND STALL
 - 8 SINGLE SINKS WITH AUTOMATIC TAPS
- 2 PAPER TOWEL DISPENSERS

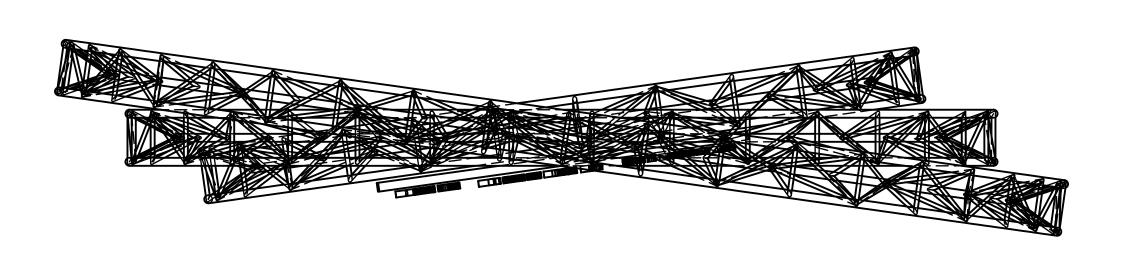
PRODUCED BY AN AUTODESK STUDENT VERSION

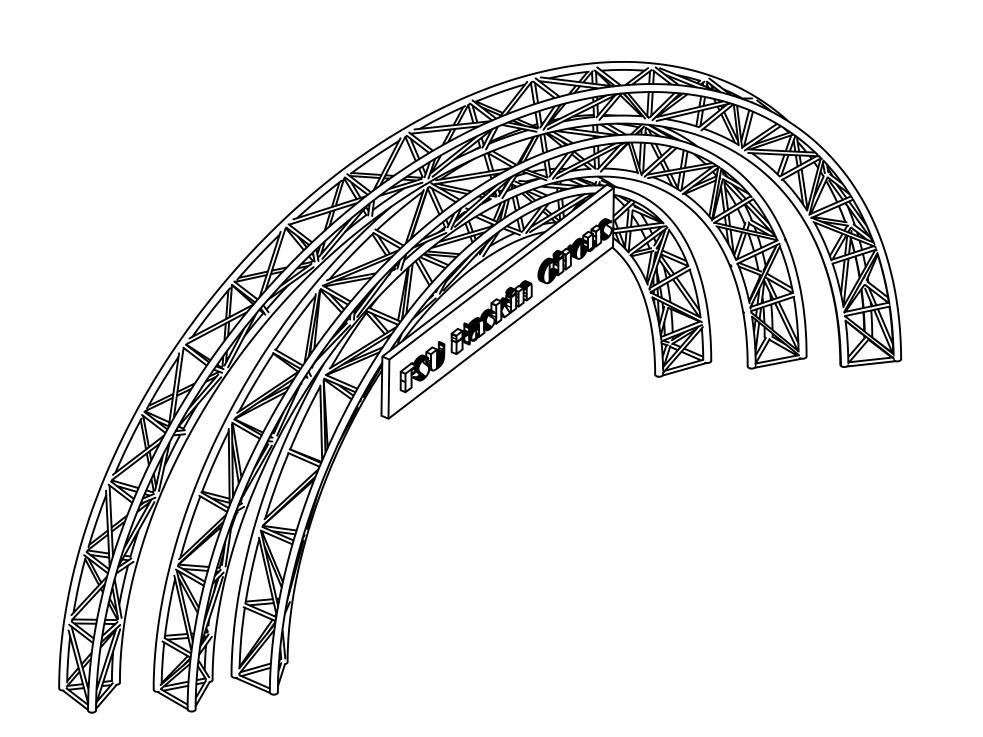
1 BABY CHANGE STATION

DWG BY WES SEIDERMAN DATE 1/26/21 SCALE 1/4" - 1' FSU ADVISOR JIM LILE ASTC CHRISTOPHER

207

MENTOR SPRAGUE





- -Entryway truss was designed to spark joy and wonder at the circus.
- -Custom truss to be fabricated and installed to wrap up the renovation.
- -This is suppose to be a "Selfie" Point for visitors to show their patronage on social media.
- -Bolted to concrete during installation.
- -The Entryway Truss is similar to tent structural truss truss.
- -The process of designing this unit came from multiple group meetings. The hope is to spark interest and prepare patrons for what is to come.

| 21'-3" | Hanskin Circus 15'-4 ¹ / ₂ " | 12'-10 ¹ / ₂ " |
|--------|---|--------------------------------------|
| | 25'-5" | |

Aenovation Challenge

PERFORMERS BUILDING

DWG
BY

EMILY CHANCELLOR

DATE

1/26/21

SCALE

1/4" = 1'-0"

FSU
ADVISOR

JIM LILE

ASTC
MENTOR
SPRAGUE

300

301: PERFORMERS BUILDING PLAN

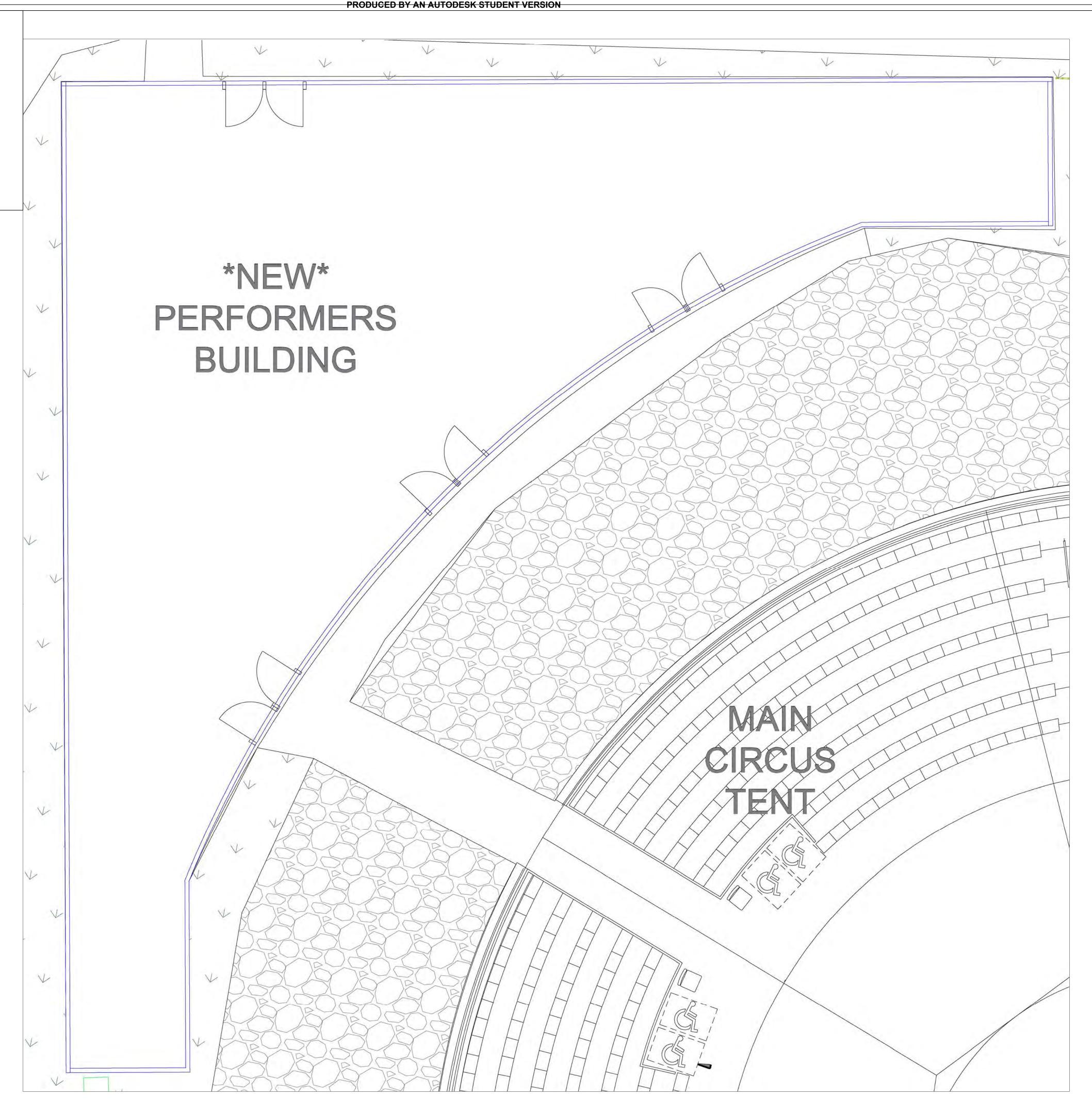
302: GREEN ROOM 303: RESTROOMS 304: DRESSING ROOMS

NEW PERFORMERS BUILDING

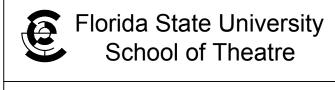
-LARGE MEN AND WOMEN'S DRESSING ROOMS, FIRST FLOOR

-GREEN ROOM, SHOWERS, RESTROOM, KITCHENETTE AND MAT TO WARM UN AND STRETCH LOCATED ON THE SECOND FLOOR, .

THE GOAL OF THIS BUILDING IS TO GIVE THE 100+ PERFORMERS ROOM TO GET READY FOR THEIR SHOW, RELAX, AND BE COMPLETELY SEPARATED FORM THE VIEW OF THE AUDIENCE UNTIL THEIR CUE.



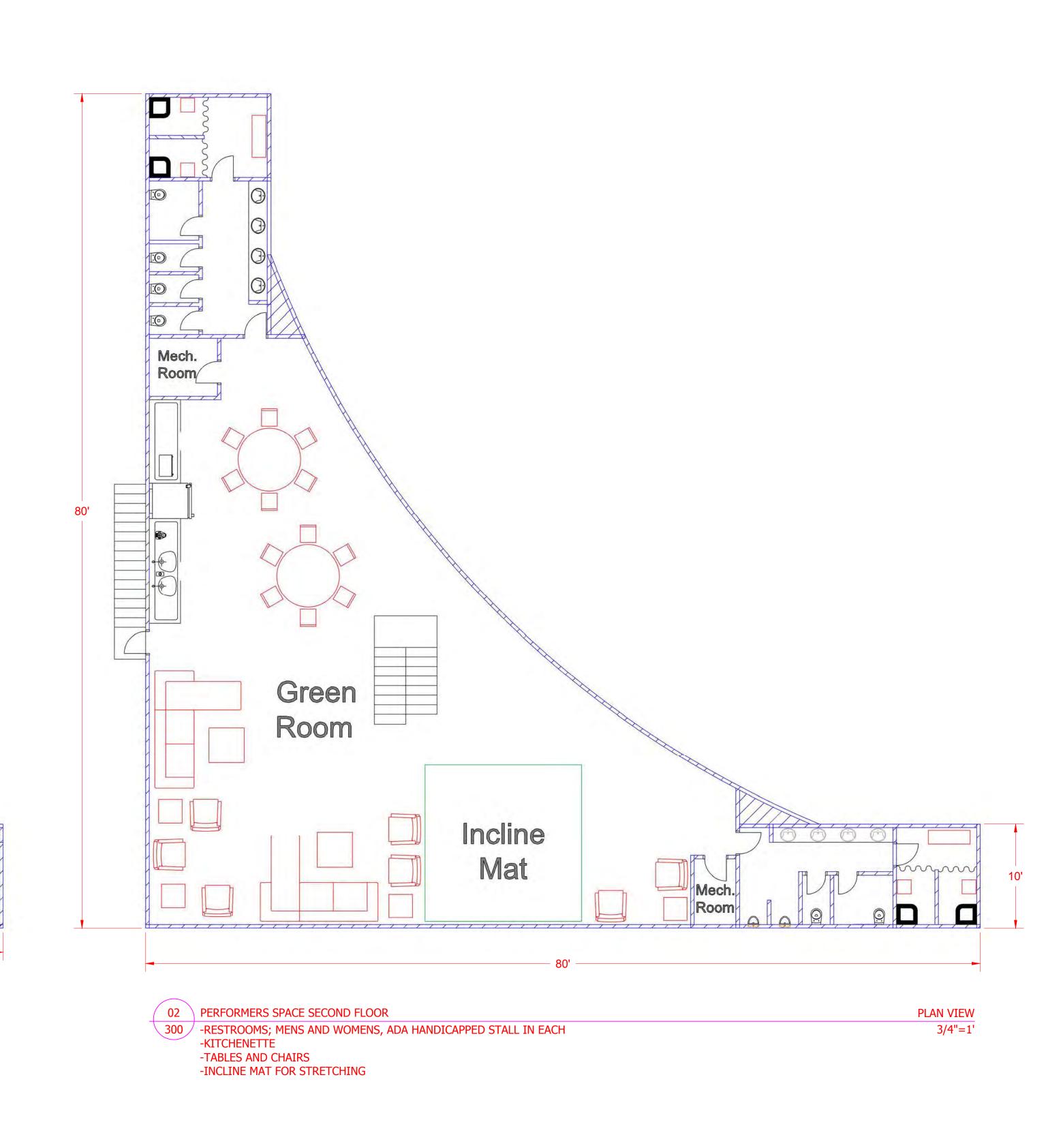
PRODUCED BY AN AUTODESK STUDENT VERSION



Renovation Challeng

| | PERFORMERS BUILDING | |
|--|---------------------|------------------------|
| | DWG BY | EMILY CHANCELLOR |
| | DATE | 1/26/21 |
| | SCALE | AS NOTED |
| | FSU ADVISOR | JIM LILE |
| | ASTC MENTOR | CHRISTOPHER SPRAGUE |
| | | |

301



PRODUCED BY AN AUTODESK STUDENT VEI

12'-11<mark>15</mark>"

Womens

Mens Dressing Room

□ Dressing

01 PERFORMERS SPACE FIRST FLOOR

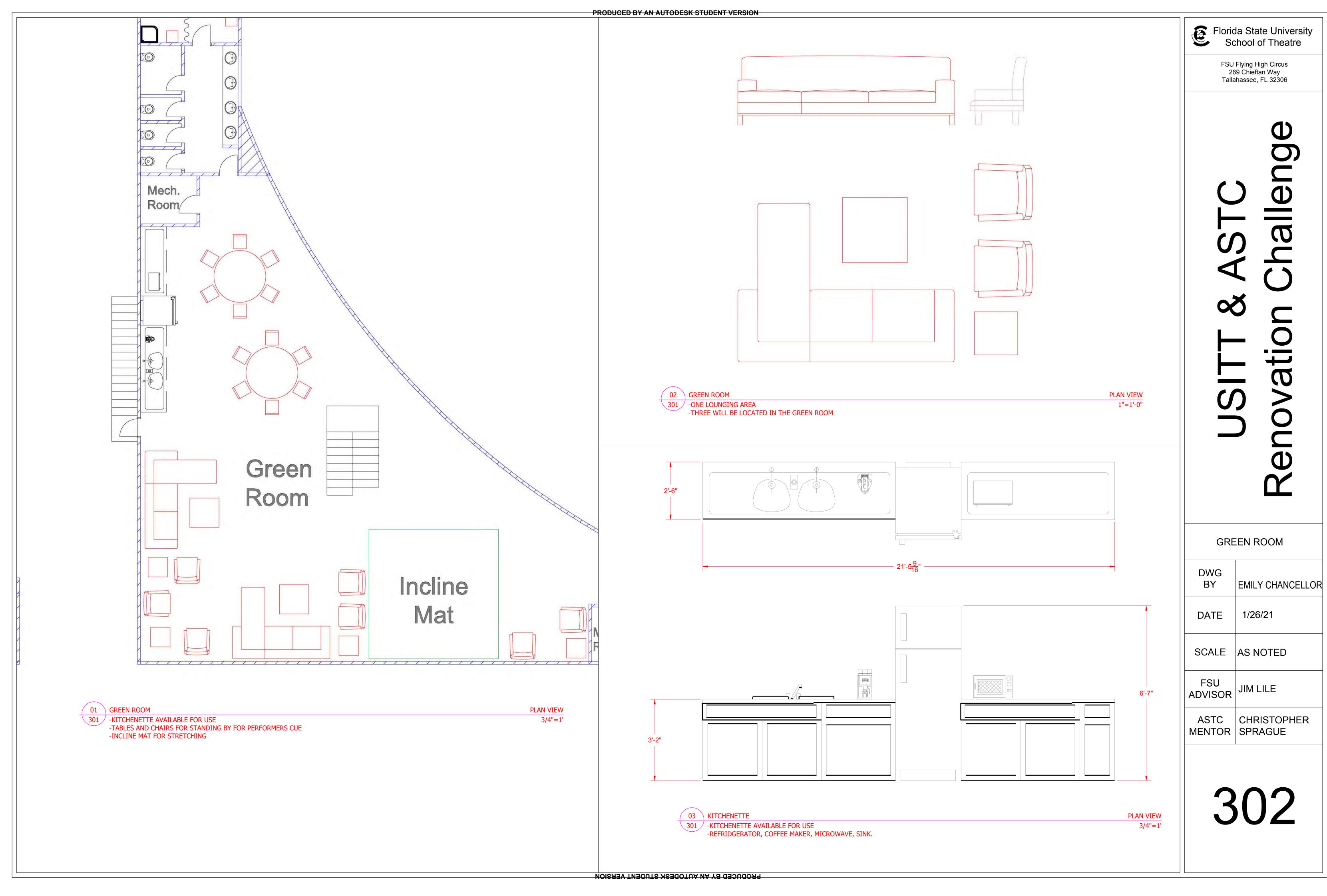
-DRESSING ROOMS; MENS AND WOMENS
-FIRE ESCAPE ROUTE

PRODUCED BY AN AUTODESK STUDENT VERSION

PLAN VIEW

3/4"=1'





SIII & ASIC anovation Challeng

RESTROOMS

DWG
BY

EMILY CHANCELLOR

1/26/21

SCALE

1" = 1'-0"

FSU
ADVISOR

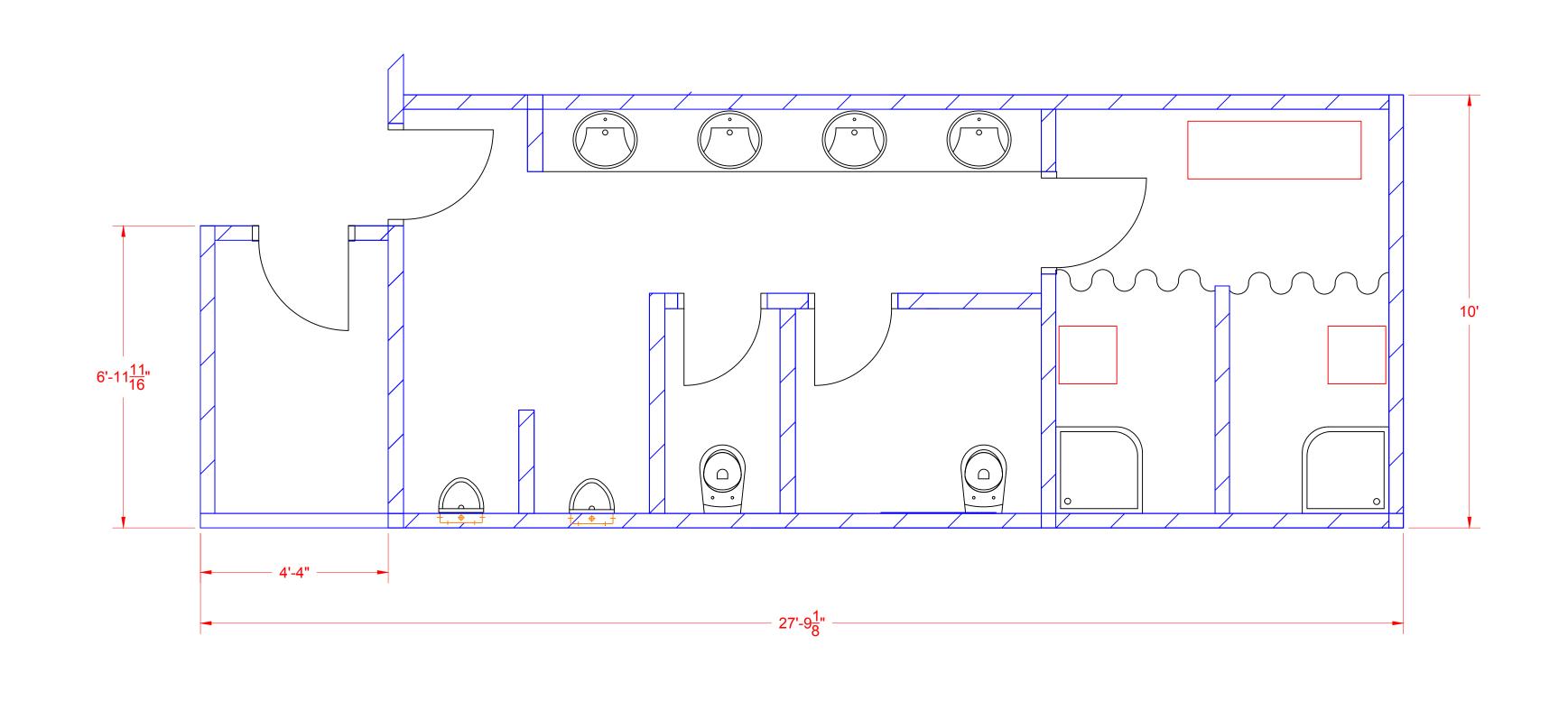
JIM LILE

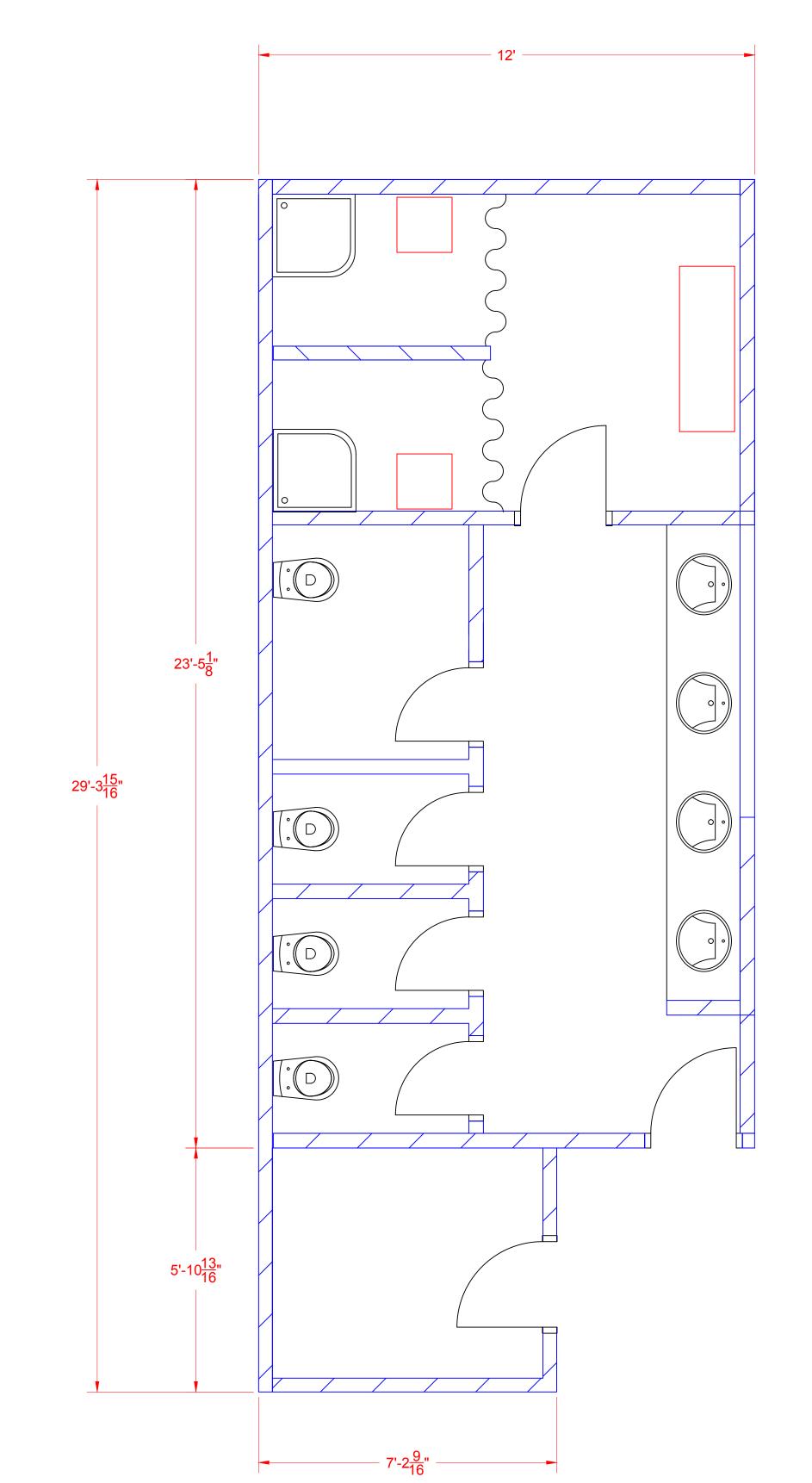
ASTC
MENTOR
SPRAGUE

PLAN VIEW

3/4"=1'

303





01 WOMENS RESTROOM AND SHOWERS

303 -RESTROOMS; 4 STALLS, ADA HANDICAPPED STALL, SINKS

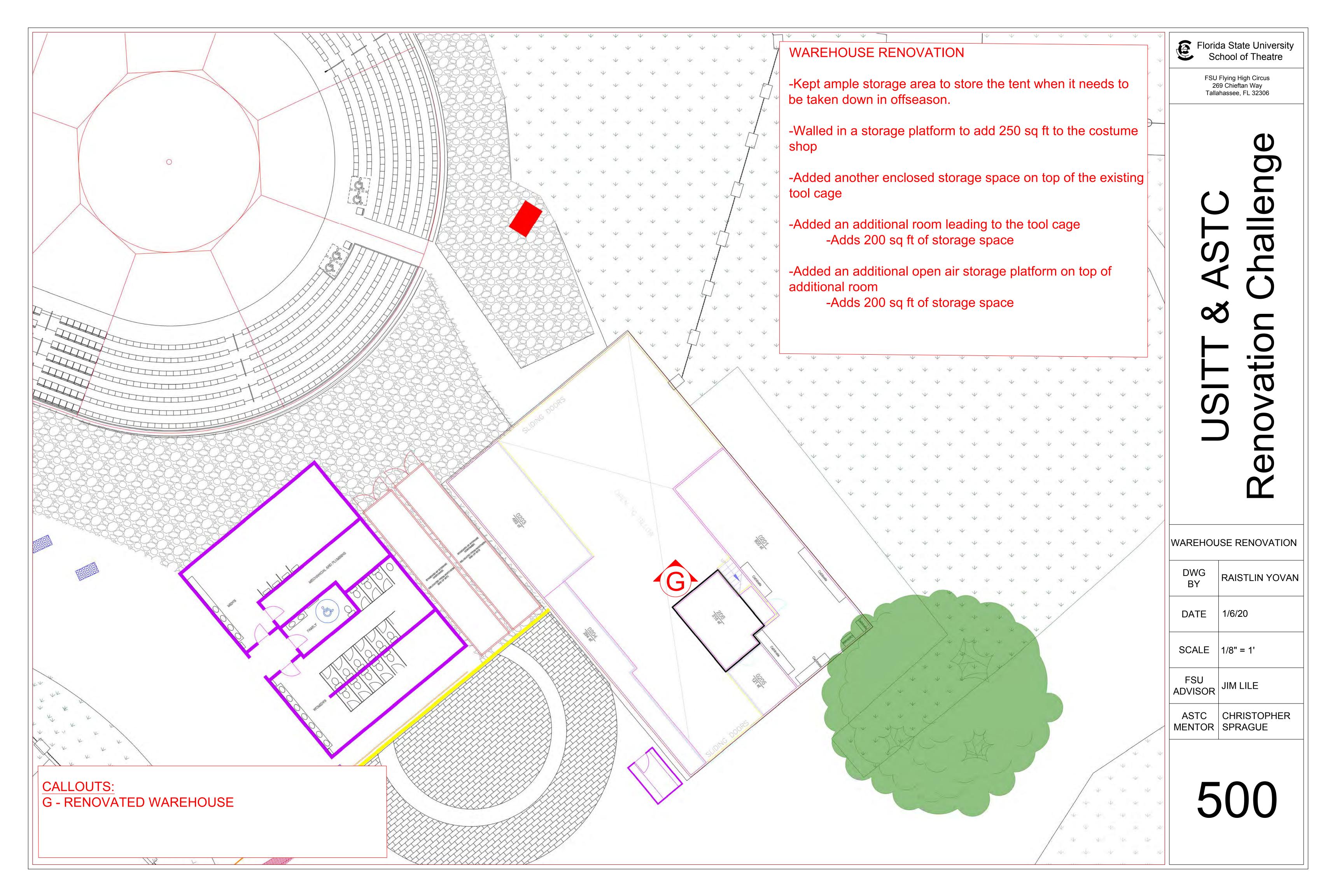
3/4"=1'

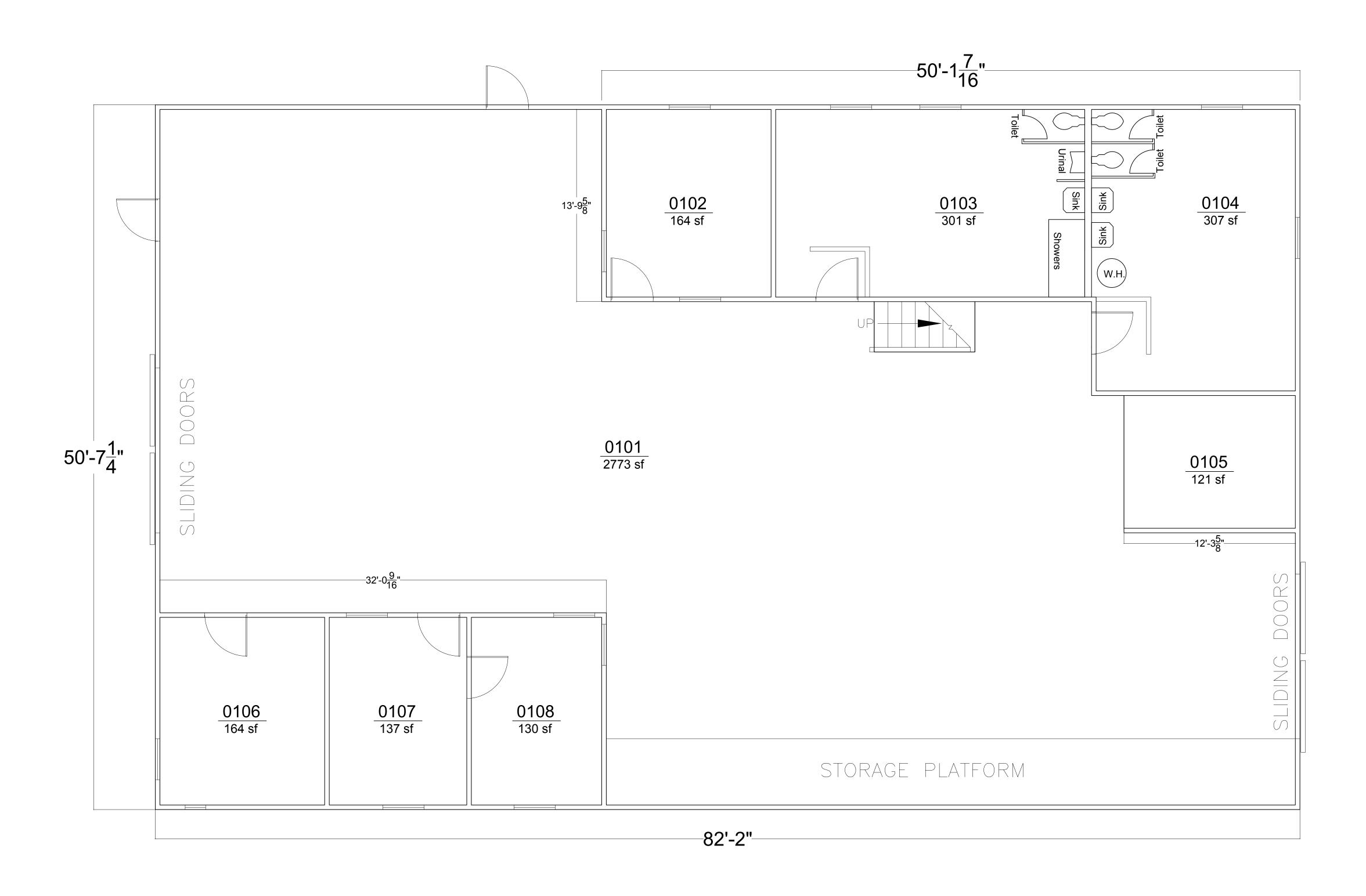
02 MENS RESTROOM AND SHOWERS

303 -RESTROOMS; 4 STALLS, ADA HANDICAPPED STALL, SINKS

PRODUCED BY AN AUTODESK STUDENT VERSION

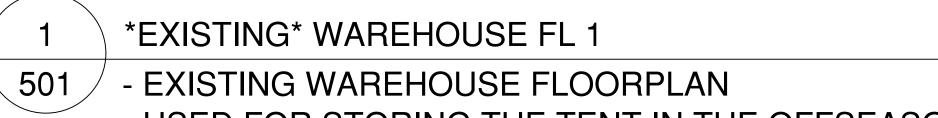
PRODUCED BY AN AUTODESK STODENT VER





PLAN

1/4" = 1'



- USED FOR STORING THE TENT IN THE OFFSEASON

- HOUSES THE COSTUME SHOP

Room Key

102 - Office

103 - Locker Room

104 - Locker Room

105 - Tool Cage

106 - Kitchen/Break room

107 - Office

108 - Office

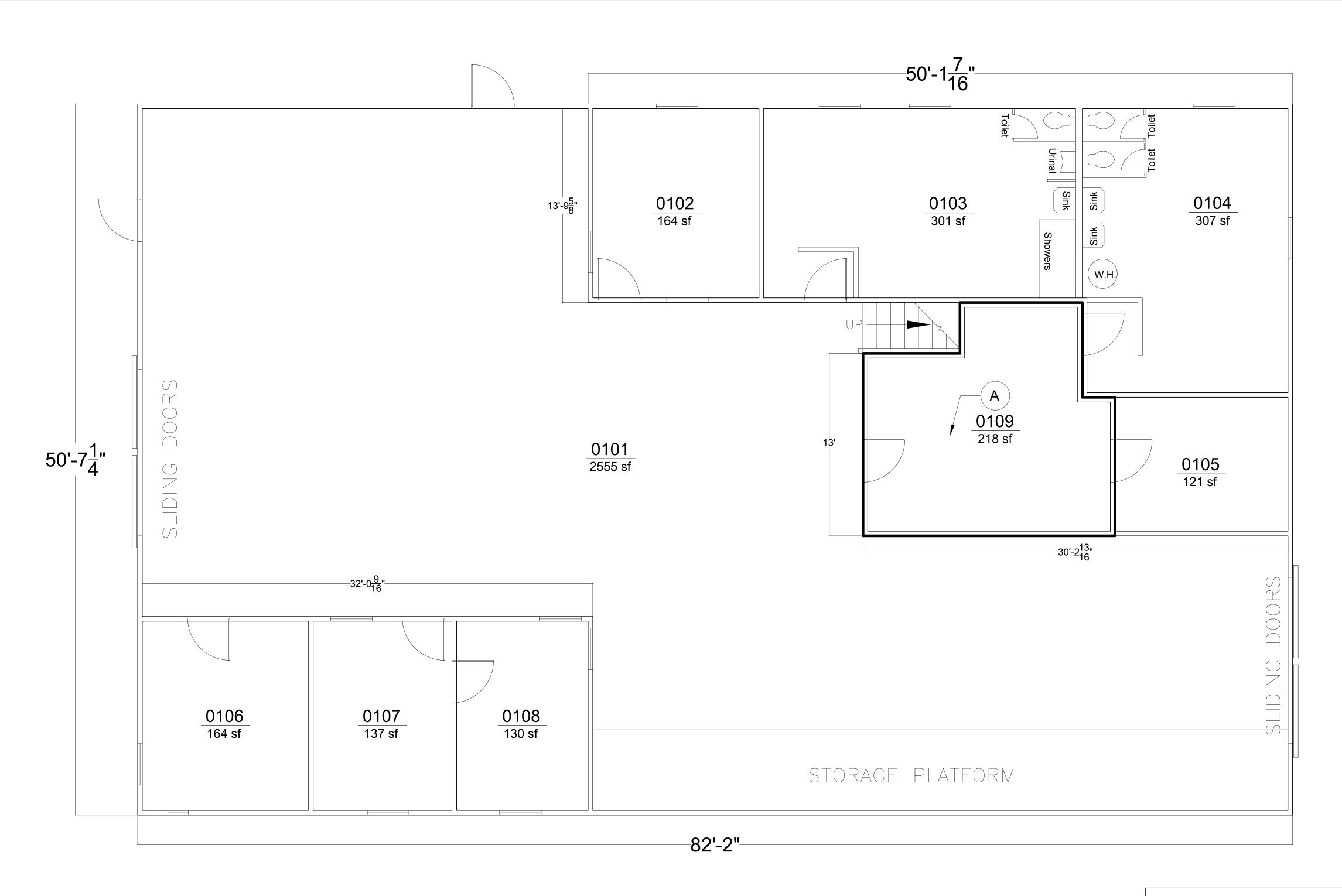
Florida State University
School of Theatre

FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

Renovation Challen

WAREHOUSE RENOVATION

| | DWG BY | RAISTLIN YOVAN |
|--|----------------|------------------------|
| | DATE | 12/18/20 |
| | SCALE | 1/4" = 1' |
| | FSU ADVISOR | JIM LILE |
| | ASTC MENTOR | CHRISTOPHER SPRAGUE |



502 *NEW

NEW WAREHOUSE FL 1

PLAN

A: *NEW* FIRST LEVEL ROOM ADDED ONTO 1/4" = 1'
EXISTING TOOL CAGE WITH A STORAGE PLATFORM ABOVE
--ADDS 200 SQ FT STORAGE

Room Key

102 - Office

103 - Fitting Room

104 - Fitting Room

105 - Tool Cage

106 - Kitchen/Break room

107 - Office

108 - Office

109 - Storage

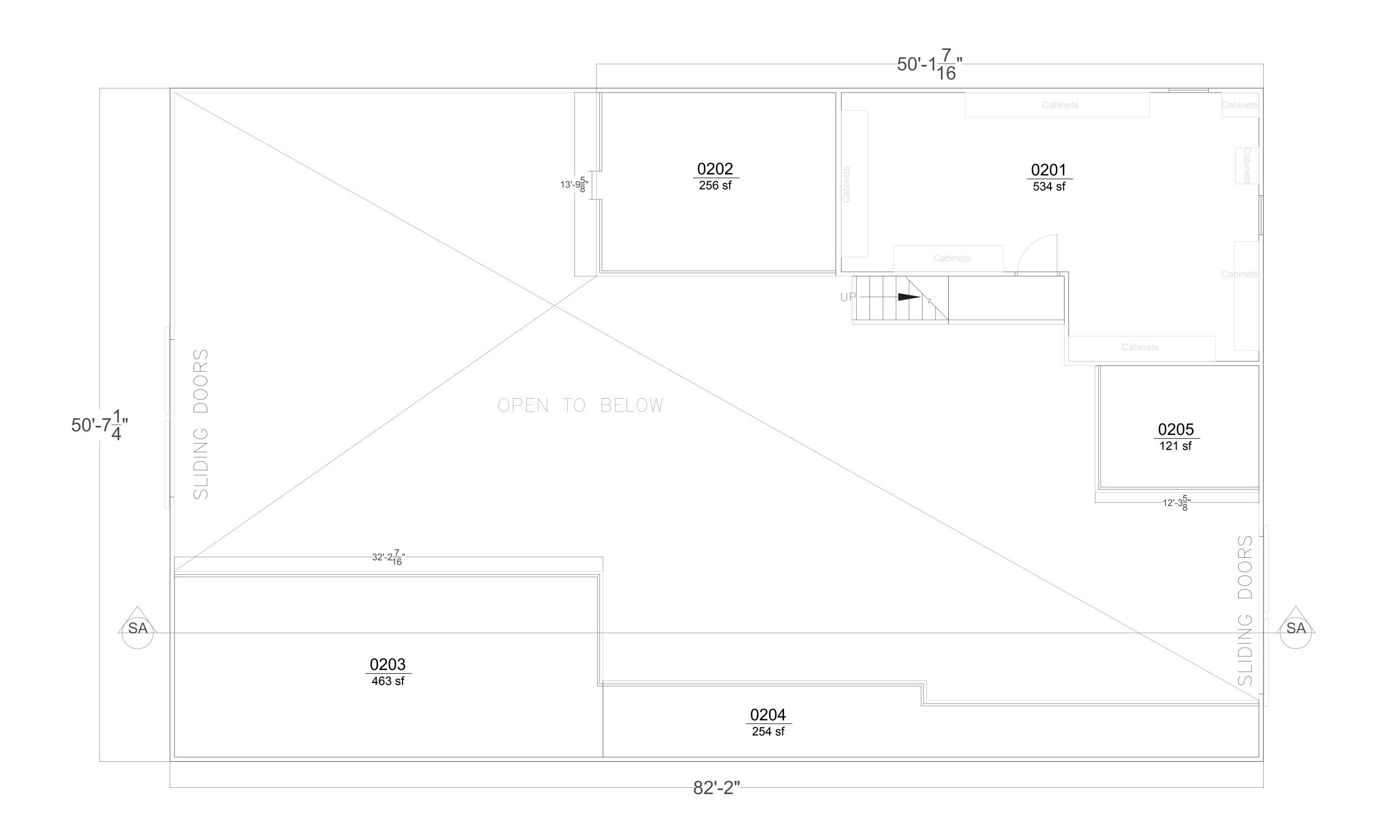
Florida State University
School of Theatre

FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

Renovation Challenge

WAREHOUSE RENOVATION

| DWG BY | RAISTLIN YOVAN |
|----------------|------------------------|
| DATE | 12/18/20 |
| SCALE | 1/4" = 1' |
| FSU ADVISOR | JIM LILE |
| ASTC MENTOR | CHRISTOPHER SPRAGUE |





PLAN

1/4" = 1'

- EXISTING WAREHOUSE FLOORPLAN
- USED FOR STORING THE TENT IN THE OFFSEASON
- HOUSES THE COSTUME SHOP

Room Key

201 - Costume Shop

202 - Storage

203 - Storage

204 - Storage

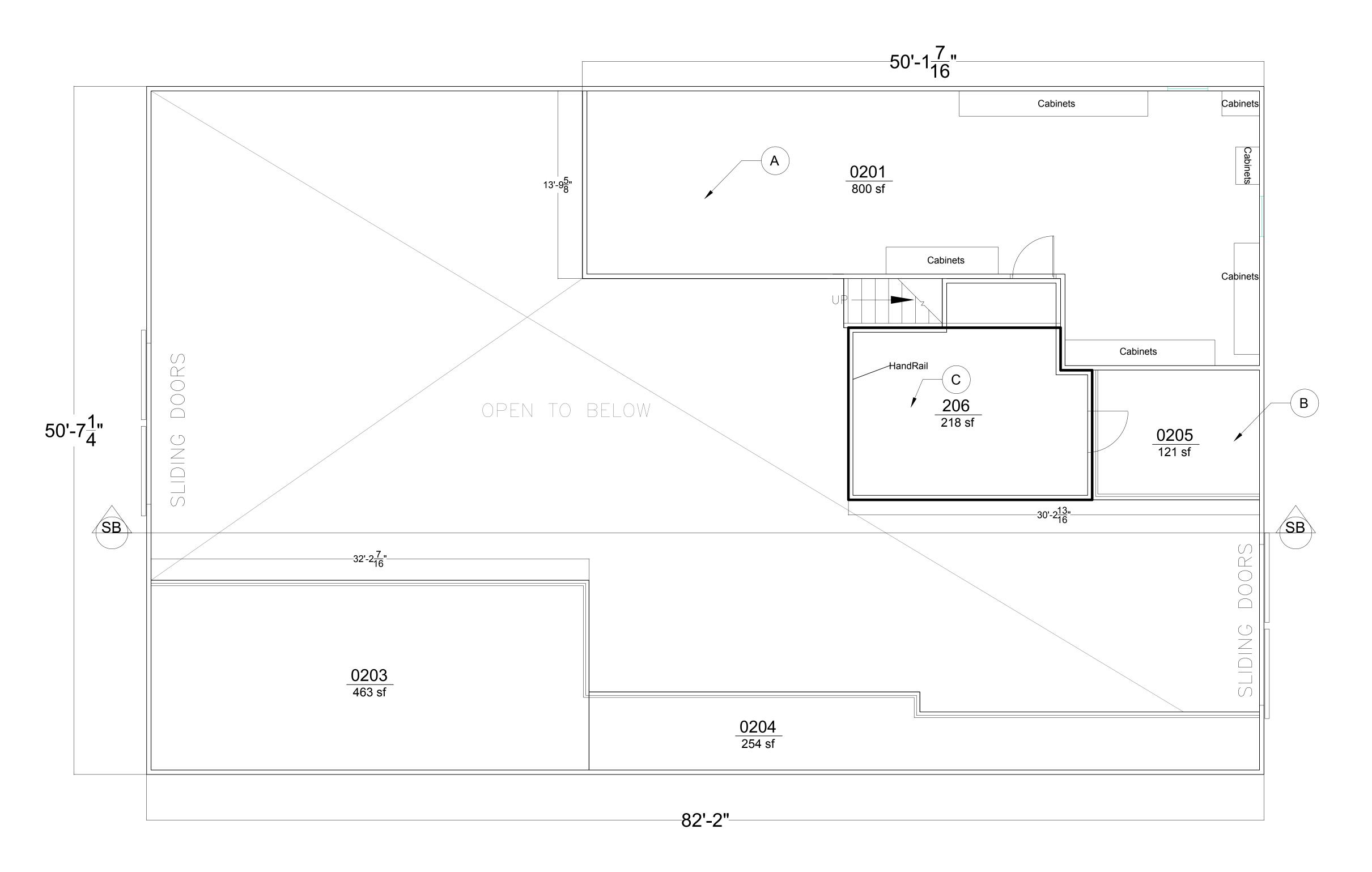
205 - Storage

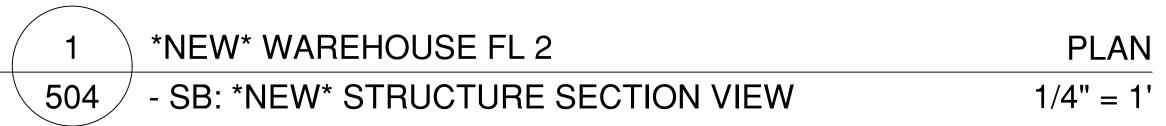
FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

Renovation Challen

WAREHOUSE RENOVATION

| DWG BY | RAISTLIN YOVAN |
|----------------|------------------------|
| DATE | 12/18/20 |
| SCALE | 1/4" = 1' |
| FSU ADVISOR | JIM LILE |
| ASTC MENTOR | CHRISTOPHER SPRAGUE |





- A: EXTEND COSTUME SHOP TO ENCOMPASS THE STORAGE AREA
- -- ADDS 250 SQ FT TO THE COSTUME SHOP
- B: *NEW* SECOND LEVEL ROOM ADDED TO THE EXISTING STRUCTURE
- C: *NEW* SECOND LEVEL STORAGE PLATFORM
- -- ADDS 200 SQ FT OF STORAGE

Room Key

201 - Costume Shop

203 - Storage

204 - Storage

205 - Storage

206 - Storage

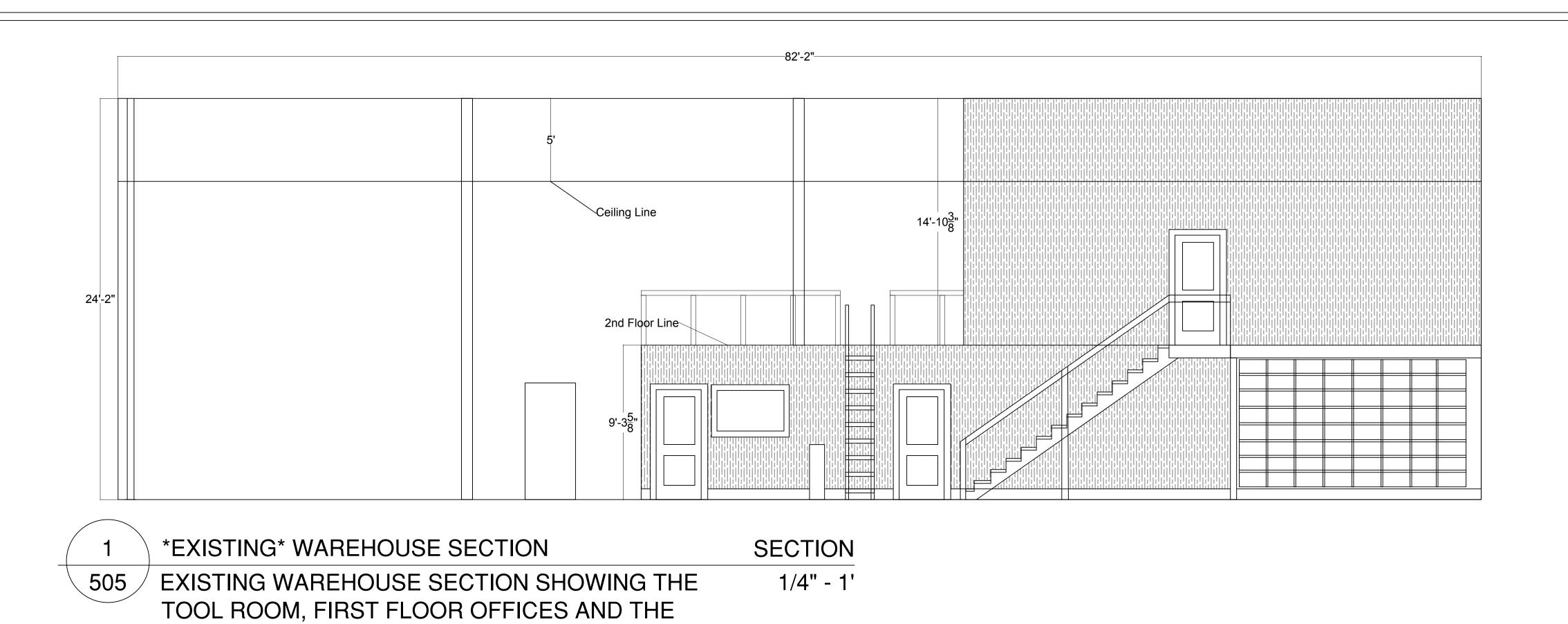
| Florida State University School of Theatre | |
|--|--|
|--|--|

FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

Renovation Challeng

WAREHOUSE RENOVATION

| DWG BY | RAISTLIN YOVAN |
|----------------|------------------------|
| DATE | 12/18/20 |
| SCALE | 1/4" = 1' |
| FSU ADVISOR | JIM LILE |
| ASTC MENTOR | CHRISTOPHER SPRAGUE |



Ceiling Line

2nd Fleor Line

9r-36

2

NEW WAREHOUSE SECTION

SECOND FLOOR COSTUME SHOP

SECTION

- A: EXTEND COSTUME SHOP TO ENCOMPASS THE 1/4" = 1' STORAGE AREA

- -- ADDS 250 SQ FT TO THE COSTUME SHOP
- B: *NEW* SECOND LEVEL ADDED TO THE EXISTING STRUCTURE
- C: *NEW* FIRST LEVEL ROOM ADDED ONTO EXISTING TOOL CAGE WITH A STORAGE PLATFORM ABOVE
- -- ADDS 200 SQ FT OF STORAGE

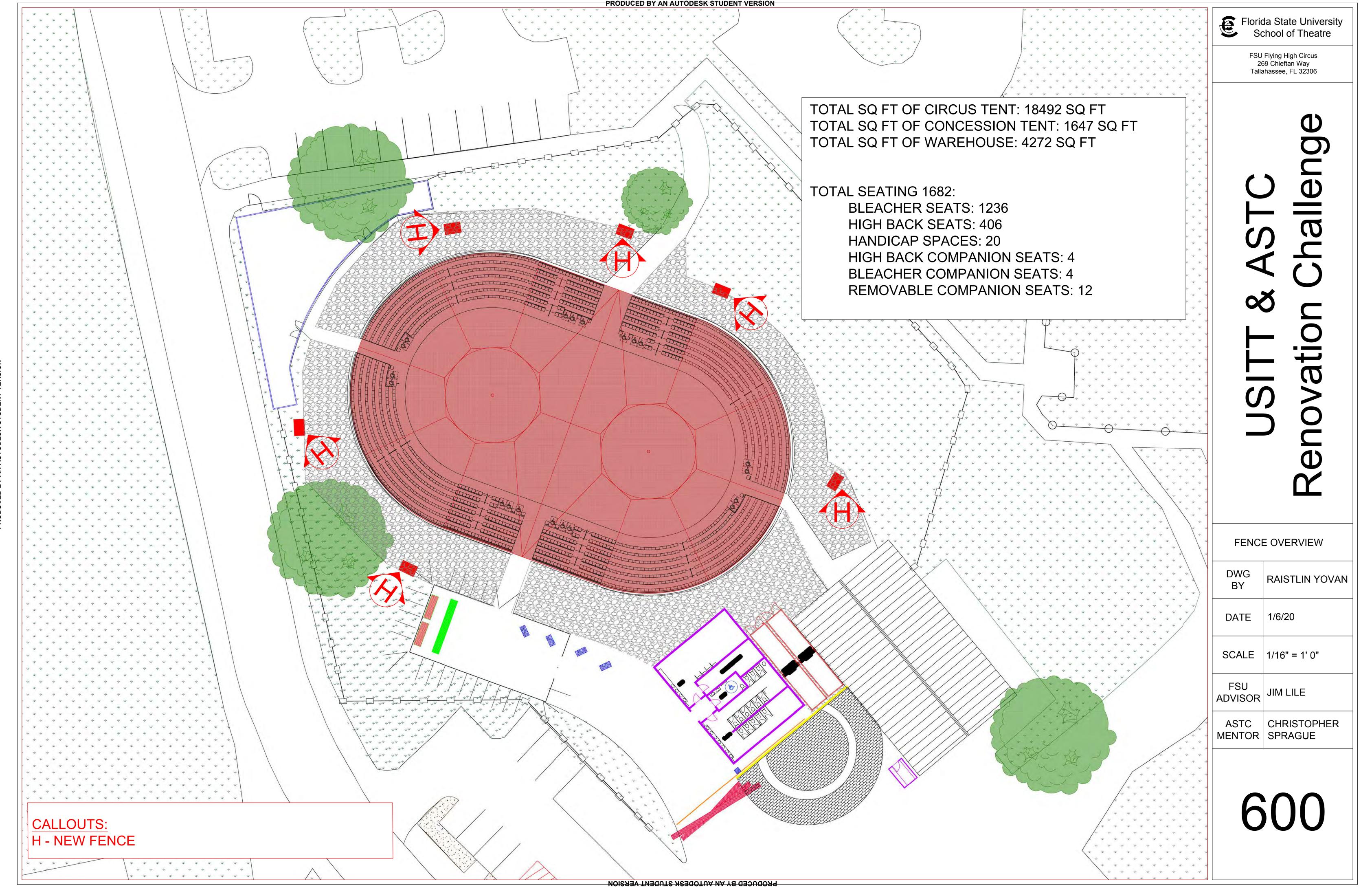
Florida State University
School of Theatre

FSU Flying High Circus 269 Chieftan Way Tallahassee, FL 32306

Renovation Challenge

WAREHOUSE RENOVATION

| DWG BY RAISTLIN YOVAN DATE 12/18/20 SCALE 1/4" = 1' FSU ADVISOR JIM LILE ASTC MENTOR SPRAGUE | | |
|--|-------|----------------|
| SCALE 1/4" = 1' FSU JIM LILE ASTC CHRISTOPHER | | RAISTLIN YOVAN |
| FSU JIM LILE ASTC CHRISTOPHER | DATE | 12/18/20 |
| ADVISOR JIM LILE ASTC CHRISTOPHER | SCALE | 1/4" = 1' |
| | | JIM LILE |
| | | |



PRODUCED BY AN AUTODESK STODENT VE



