

Scenic Designer:
Abigaile M. Wiker



Company:
PSCS

Production:
American Idiot

Director:
Erin Farrell Speer

Scenic Designer:
Abigaile Wiker

Technical Director:
Chris Swetcky

Plan:
Ground Plan

Sheet Number:
1
of: 9

Drawn By:
Abigaile Wiker

Scale:
1:4

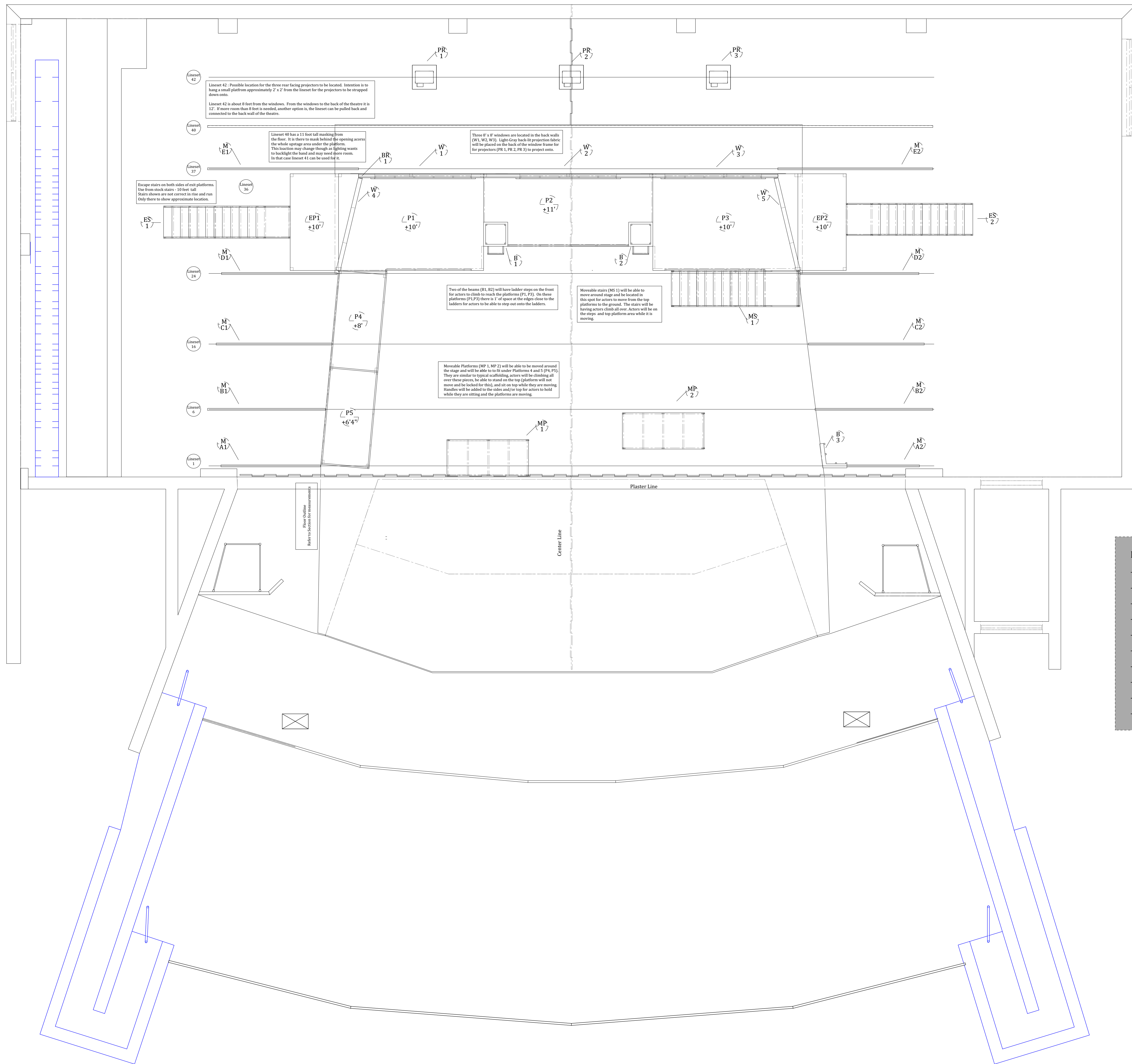
Date:
10/24/16

Revision Date:
11/14/16

Advisor:
Dan Robinson

Notes:
Please refer to other plates for more details about the notes. All side views are from the left side unless otherwise mentioned. Keys with labels are on each page to refer to.

Venue:
The Playhouse
Address:
116 Theatre Building, University Park



Key:

- P = Platforms
 - P1, P2, P3, P4, P5
- W = Walls
 - W1, W2, W3, W4, W5
- B = Beams
 - B1, B2, B3
- MS = Moveable Stairs
 - MS1
- MP = Moveable Platforms
 - MP1, MP2
- EP = Exit Platforms
 - EP1, EP2
- ES = Exit Stairs
 - ES1, ES2
- PR = Projectors
 - PR1, PR2, PR3
- M = Masking
 - A1, A2, B1, B2, C1, C2, D1, D2, E1, E2
- BR = Border
 - BR 1

1

2

3

4

5

6

7

1

2

3

4

5

6

7

Scenic Designer:
Abigaile M. Wiker



Company:

PSCS

Production:

American Idiot

Director:

Erin Farrell Speer

Scenic Designer:

Abigaile Wiker

Technical Director:

Chris Swetcky

Plan:

Front Plan

Sheet Number:

2

of: 9

Drawn By:

Abigaile Wiker

Scale:

1:4

Date:

10/24/16

Revision Date:

11/14/16

Advisor:

Dan Robinson

Notes:

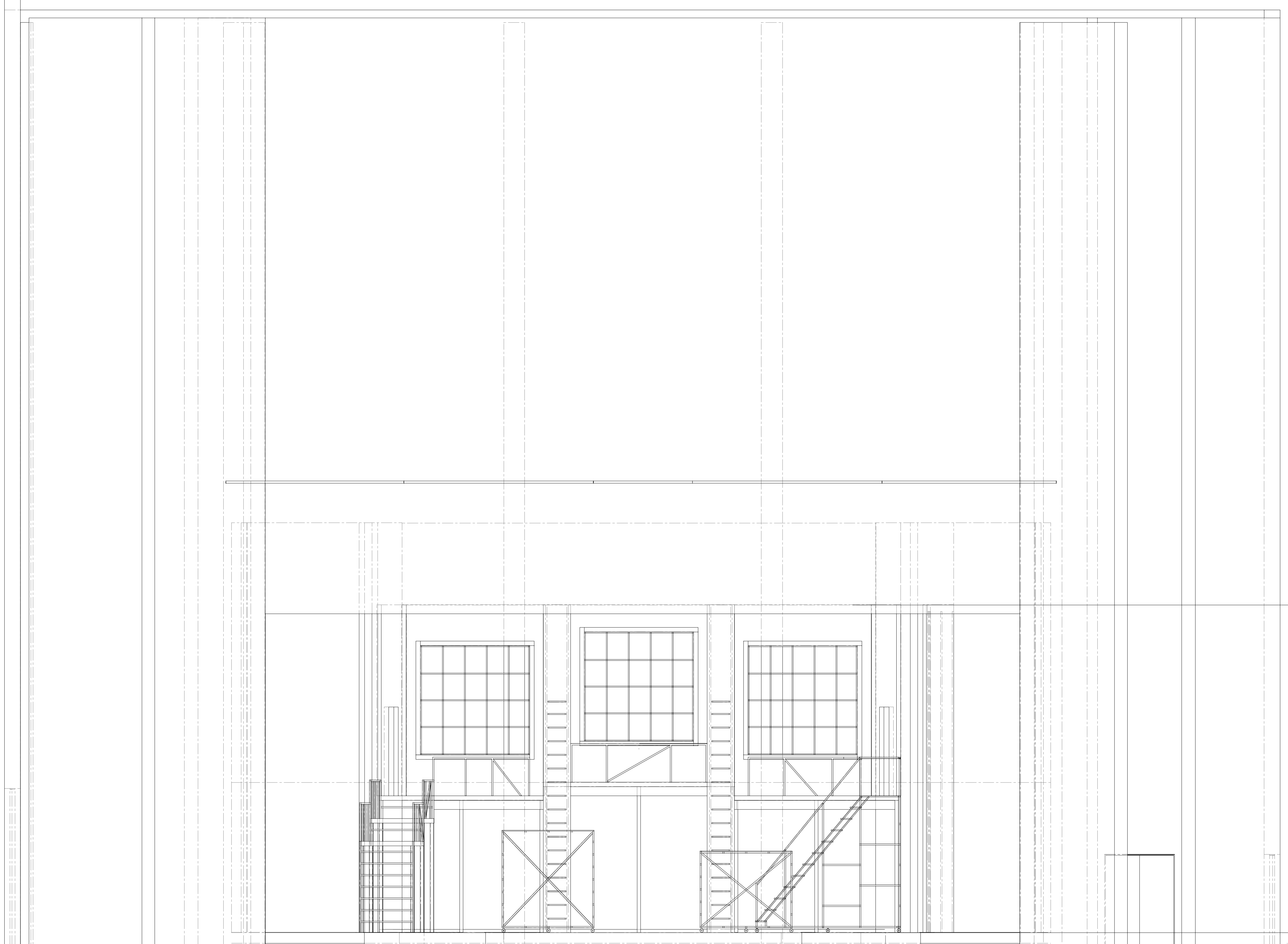
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Venue:

The Playhouse

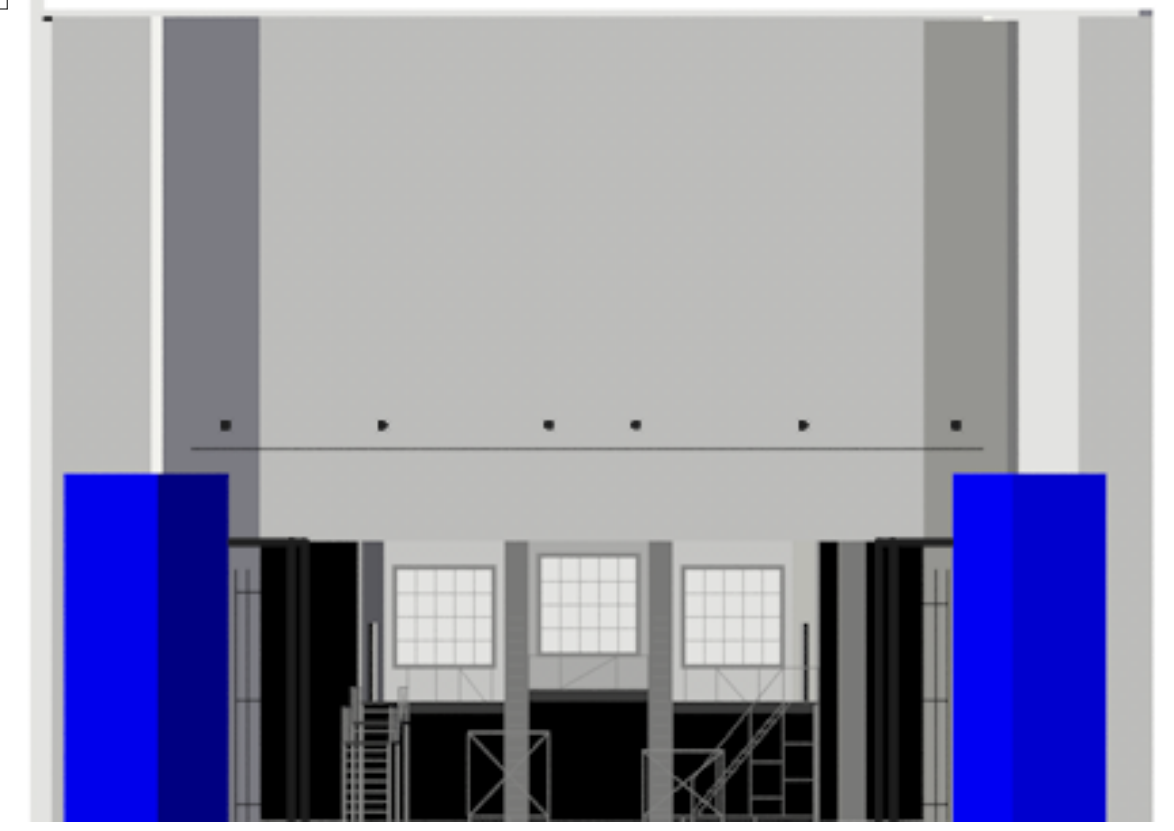
Address:

116 Theatre Building, University Park



24'-0"
Wall 1, 2, 3, 4, 5, and all 2' (Marking out 30')

2 3D Front View
Scale: 1/16" = 1'-0"



1

2

3

4

5

6

7

A

A

B

B

C

C

D

D

E

E

1

2

3

4

5

6

7

Scenic Designer:
Abigaile M. Wiker



Company:
PSCS

Production:
American Idiot

Director:
Erin Farrell Speer

Scenic Designer:
Abigaile Wiker

Technical Director:
Chris Swetcky

Plan:
Left Section View

Sheet Number:
3
of: 9

Drawn By:
Abigaile Wiker

Scale:
1:4

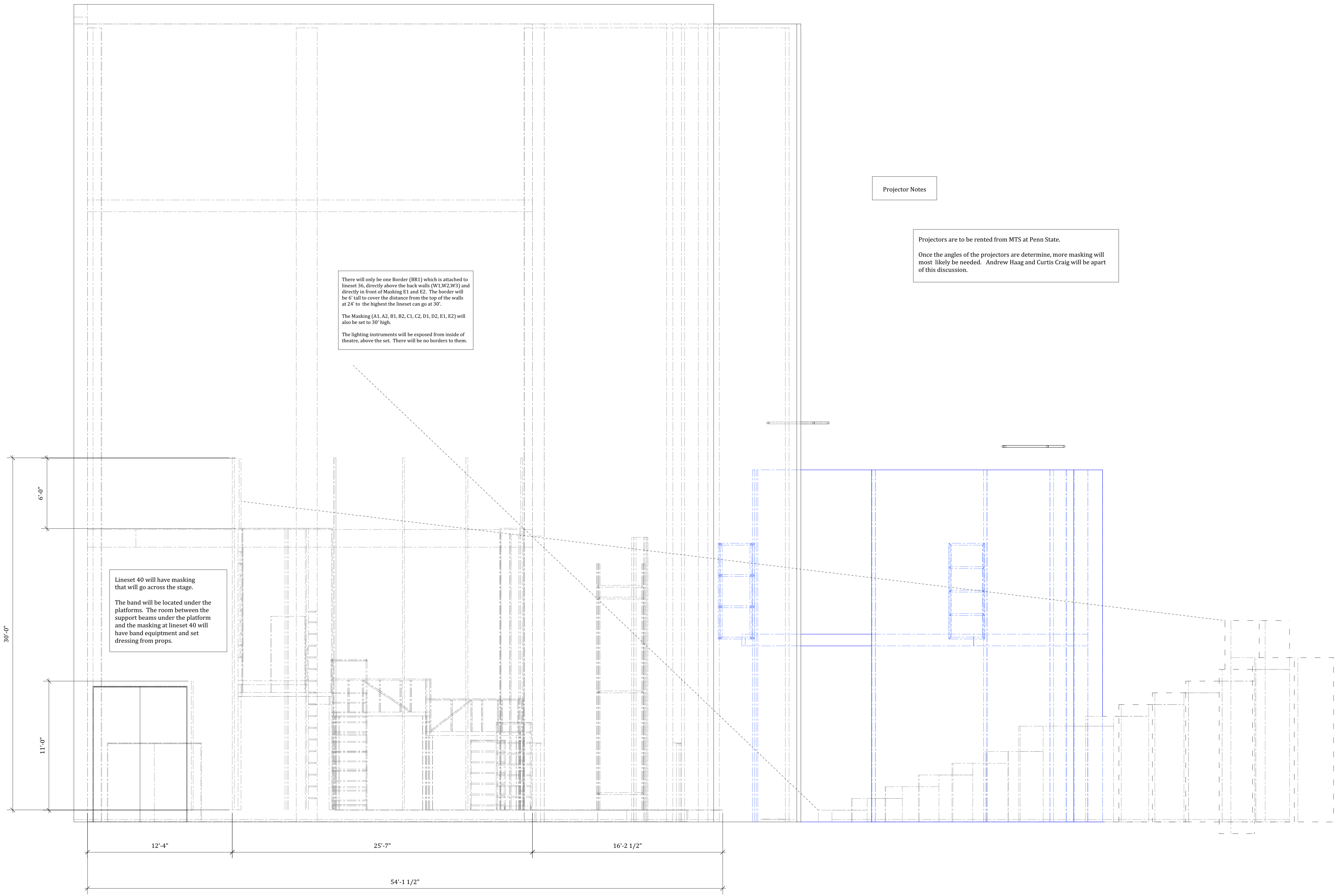
Date:
10/24/16

Revision Date:
11/14/16

Advisor:
Dan Robinson

Notes:
No notes for this page.

Venue:
The Playhouse
Address:
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There will only be one Border (BR1) which is attached to lineset 36, directly above the back walls (W1, W2, W3) and directly in front of Masking E1 and E2. The border will be 6' tall to cover the distance from the top of the walls at 24' to the highest the lineset can go at 30'.
The Masking (A1, A2, B1, B2, C1, C2, D1, D2, E1, E2) will also be set to 30' high.
The lighting instruments will be exposed from inside of theatre, above the set. There will be no borders to them.

Lineset 40 will have masking that will go across the stage.
The band will be located under the platforms. The room between the support beams under the platform and the masking at lineset 40 will have band equipment and set dressing from props.

Projector Notes

Projectors are to be rented from MTS at Penn State.
Once the angles of the projectors are determine, more masking will most likely be needed. Andrew Haag and Curtis Craig will be apart of this discussion.

1

2

3

4

5

6

7

A

B

C

D

E

A

B

C

D

E

1

2

3

4

5

6

7

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Company:
PSCS

Production:
American Idiot

Director:
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Scenic Designer:
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Chris Swetcky

Plan:
Side/Front View

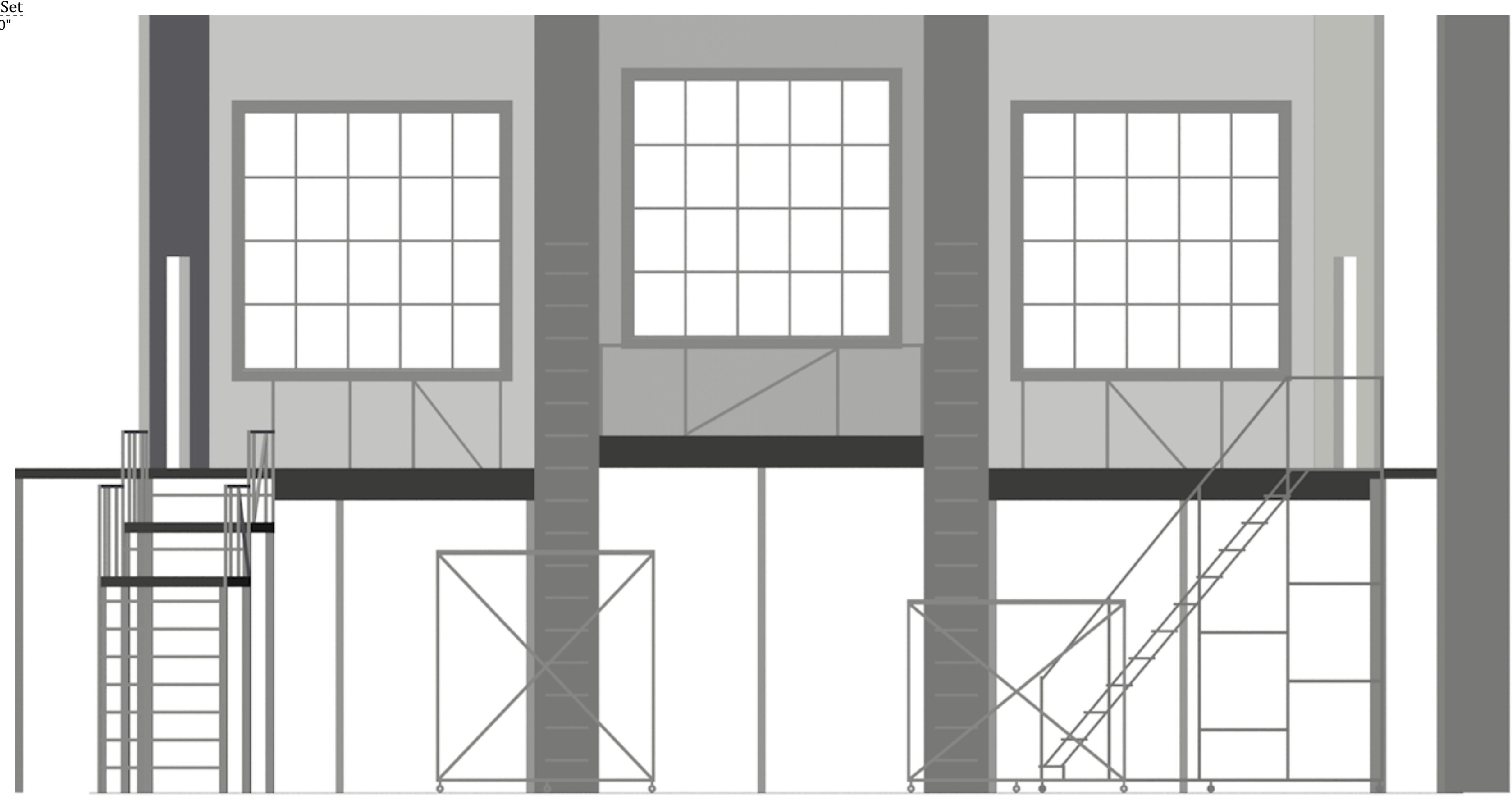
Sheet Number:
4
of: 9

Drawn By:
Abigaile Wiker
Scale:
3:8
Date:
10/26/16
Revision Date:
11/14/16
Advisor:
Dan Robinson

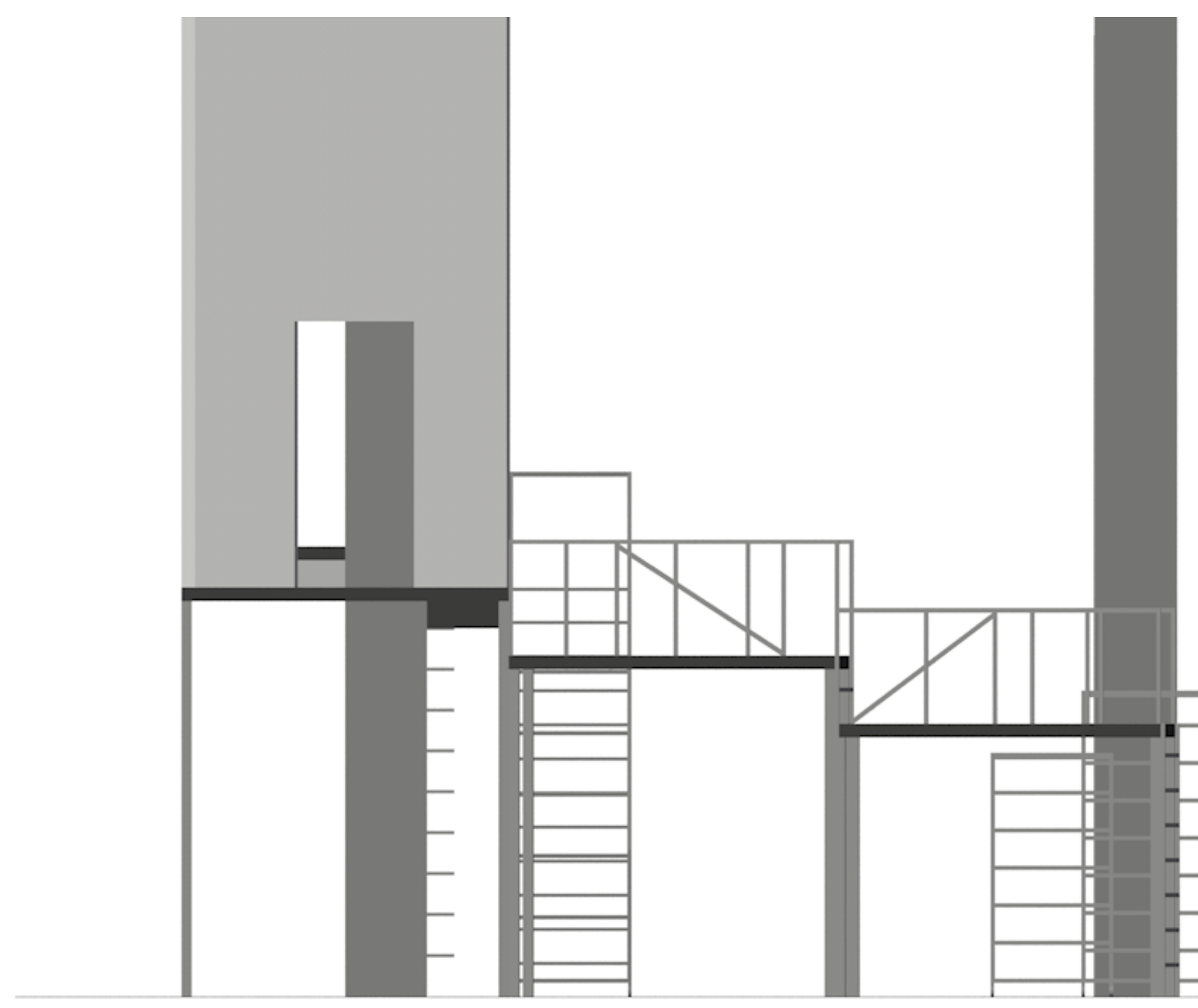
Notes:
No notes for this page.

Venue:
The Playhouse
Address:
116 Theatre Building, University Park

1 Front View of Set
Scale: 3/8" = 1'-0"



2 Left View of Set
Scale: 3/8" = 1'-0"



1

2

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4

5

6

7

A

B

C

D

E

A

B

C

D

E

1

2

3

4

5

6

7

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Company:
PSCS

Production:
American Idiot

Director:
Erin Farrell Speer

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Technical Director:
Chris Swetcky

Plan:
Back Walls/Windows

Sheet Number:
5
of: 9

Drawn By:
Abigaile Wiker

Scale:
Refer to Separate Draftings

Date:
10/25/16

Revision Date:
11/14/16

Advisor:
Dan Robinson

Notes:
No notes on this page.

Venue:
The Playhouse
Address:
116 Theatre Building, University Park

1 2 3 4 5 6 7

A

B

C

D

E

A

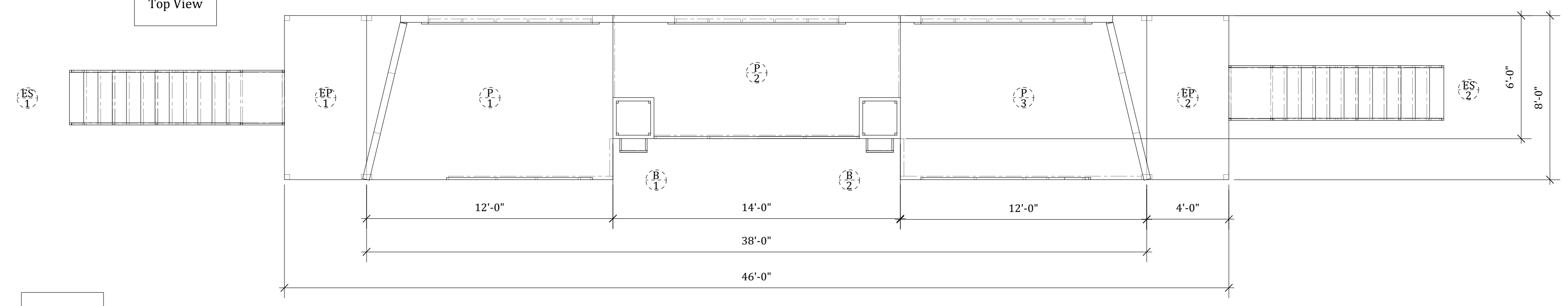
B

C

D

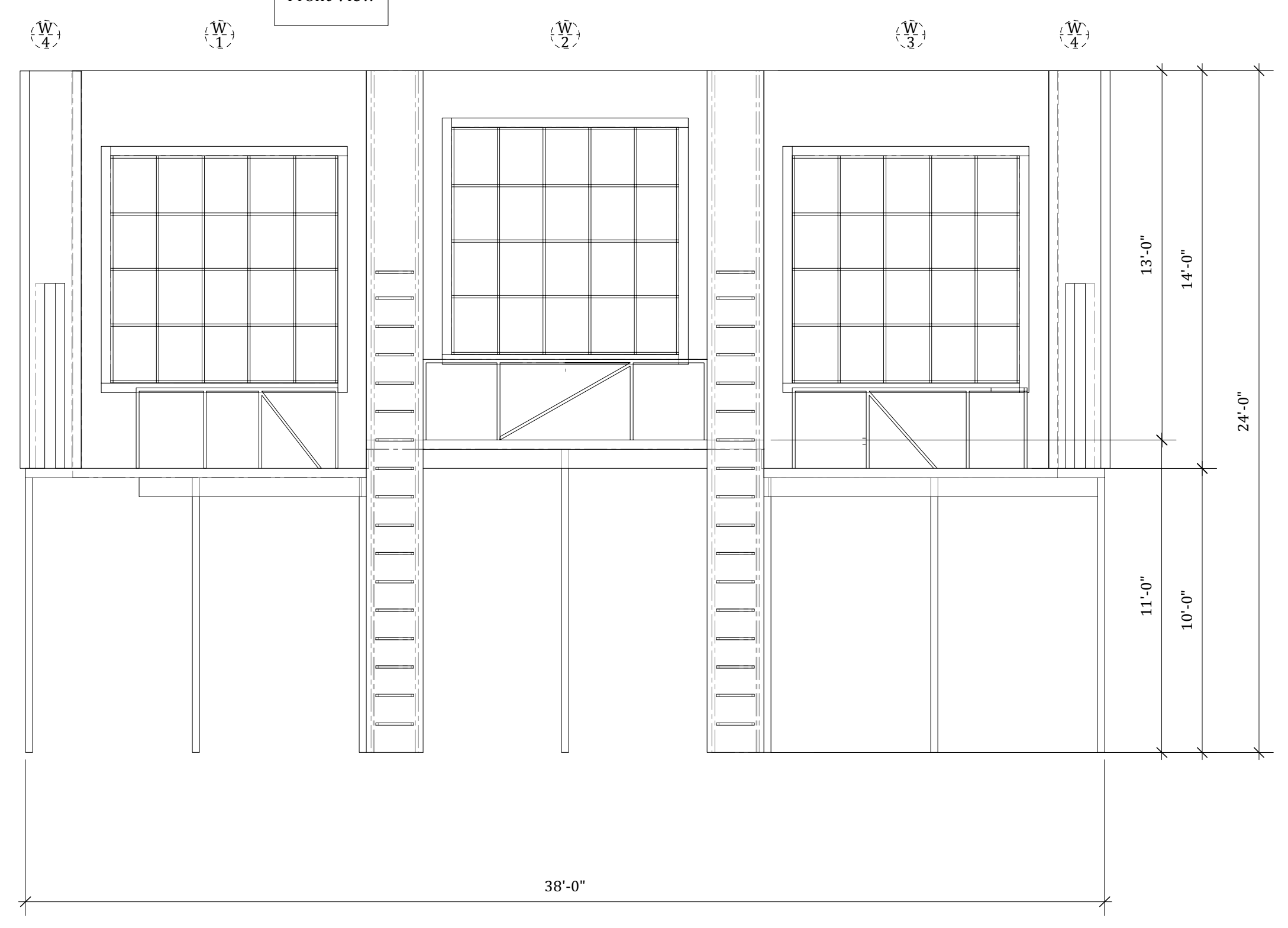
E

Top View

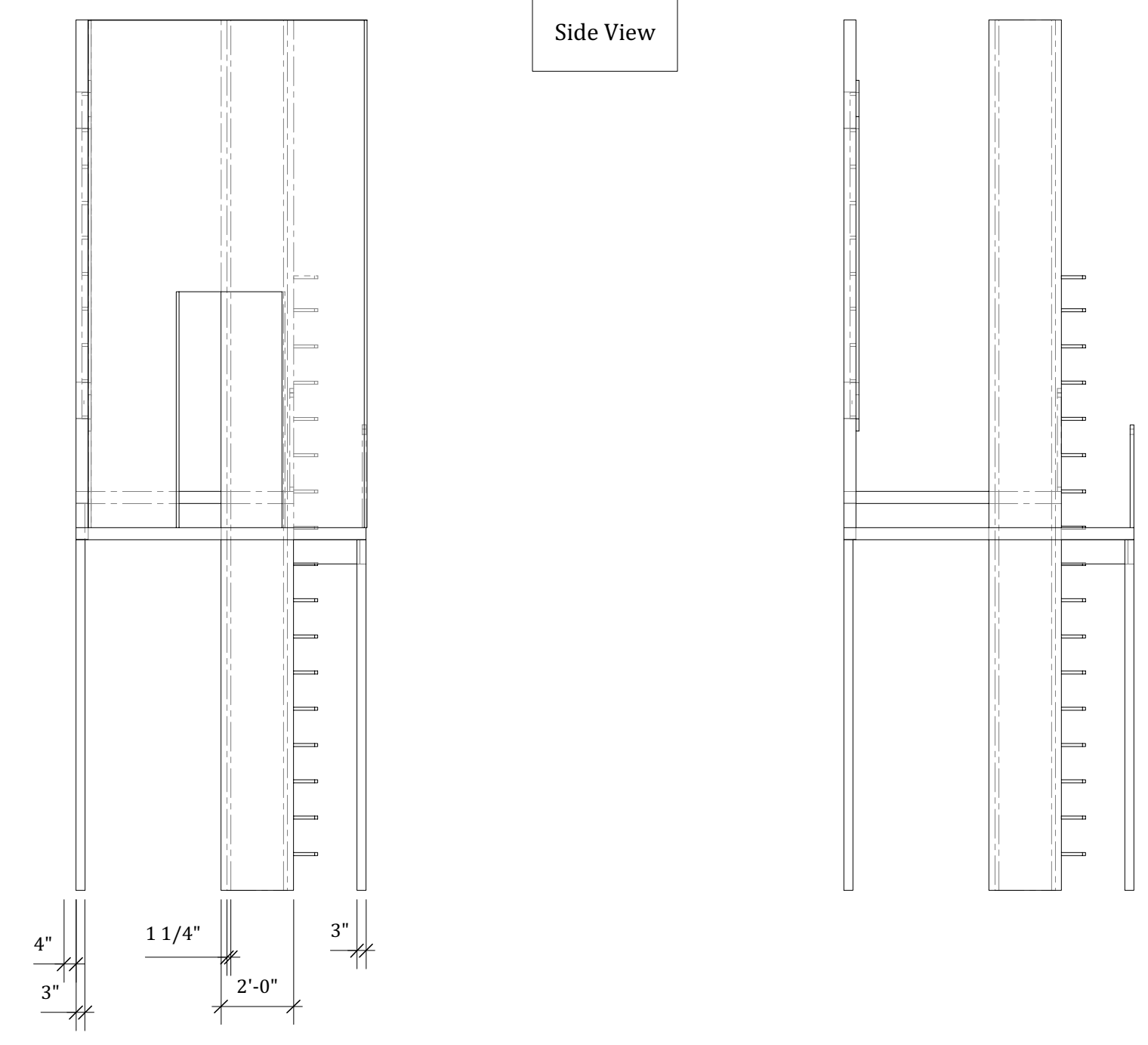


1 Back Wall/All Details
Scale: 1/4" = 1'-0"

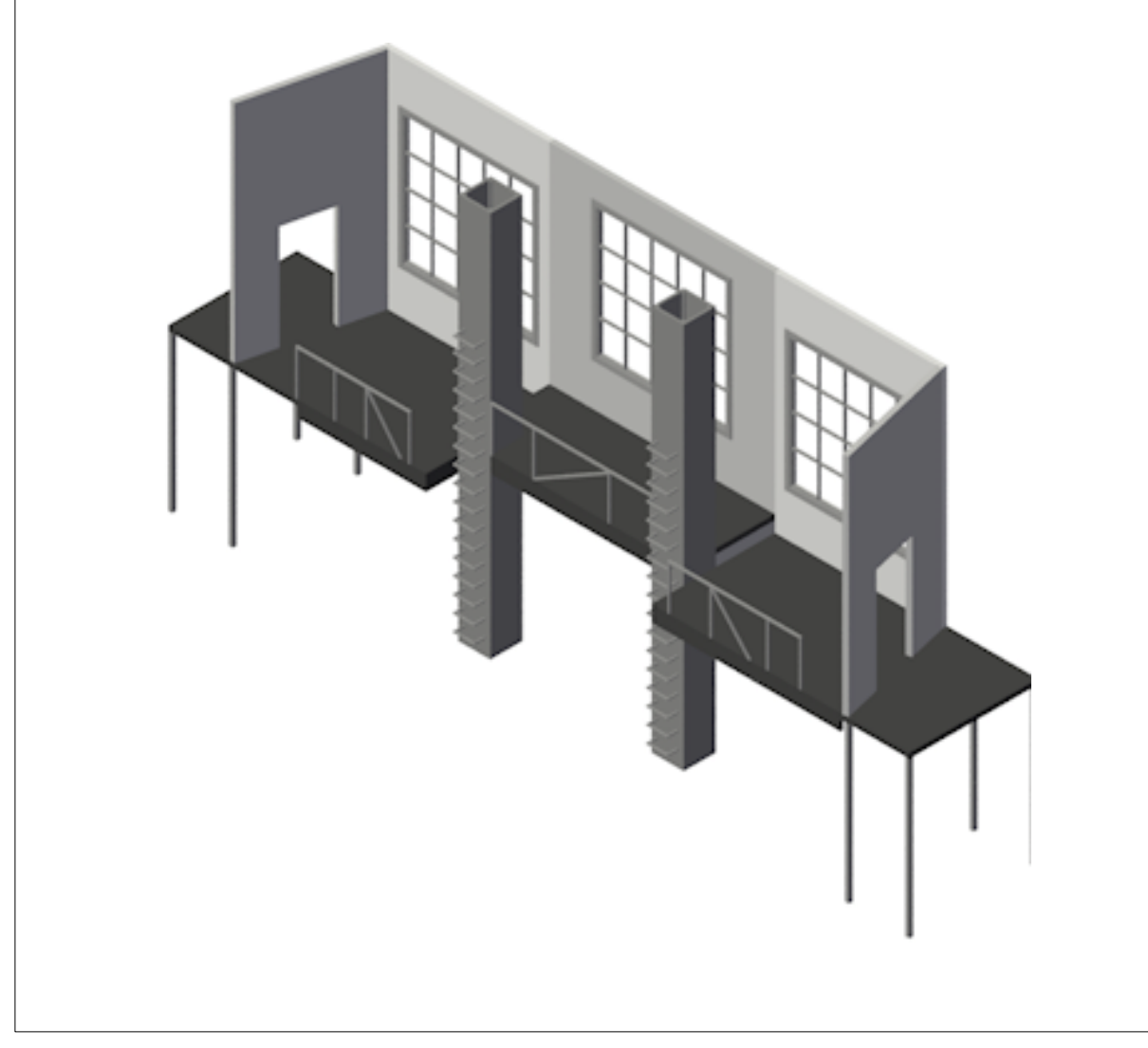
Front View



Side View



3 Right Isometric
Scale: 1/8" = 1'-0"



Key:
- W = Walls
- W1, W2, W3, W4, W5
- EP = Exit Platforms
- EP1, EP2
- ES = Exit Stairs
- ES1, ES2

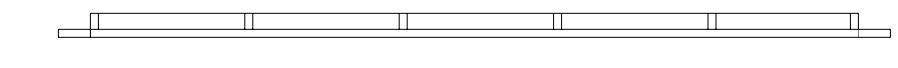
Paint Treatments/Materials

For the Walls (W1, W2, W3), they will be flat, with paint treatments for texture. Recommended 1/4" plywood.
The three walls are on back of the edge of the Platforms (P1, P2, P3, see next plate for more details).
The walls could be attached to a lineset above for stability/support. Currently the walls fall exactly on lineset 36. The border is currently also on that lineset but the border could move to either lineset 35 or 37 if needed.

Although window frames (see in the draftings to the left) are the proper draftings, small pieces will be added to the corners using set dressing and paint treatments in order to give the edges of the window the dirty, old look. Meant to look like steel framing, paints will use rust treatments on it.

Top View

3 Window
Scale: 1/2" = 1'-0"

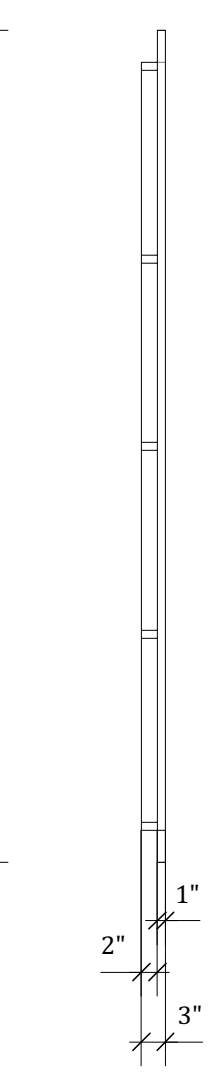
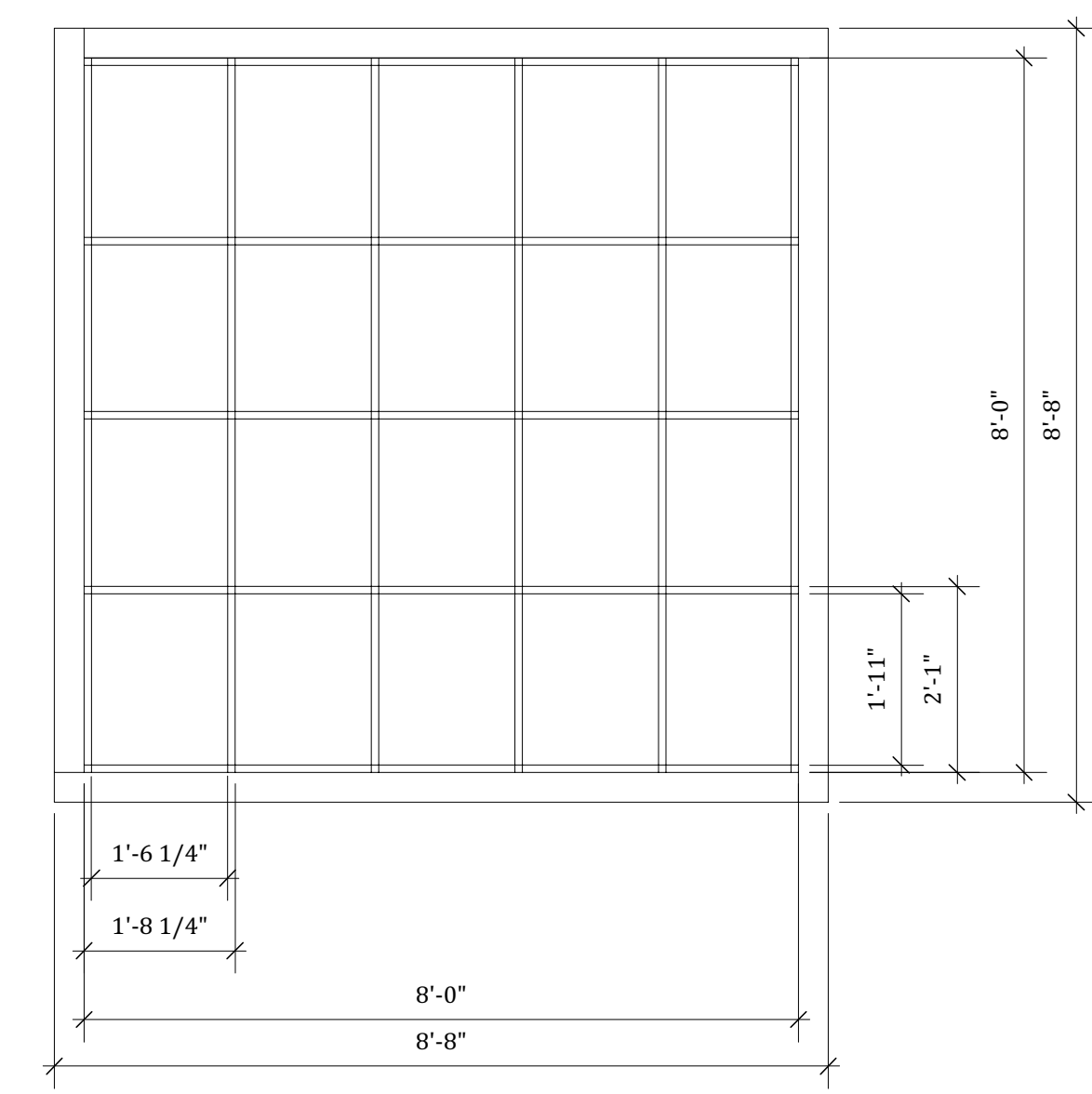
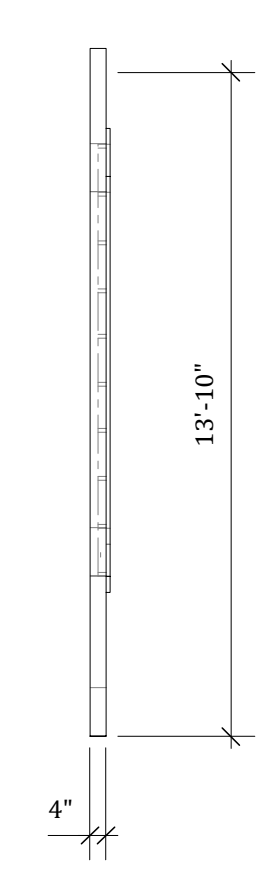


Side View

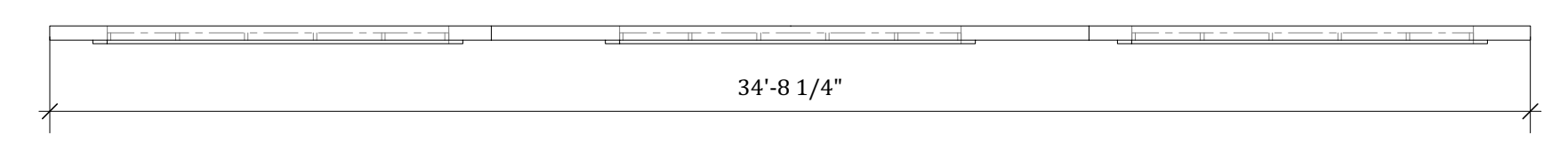
Front View

All three windows are the same dimensions. They all will have light gray back-lit projection fabric on the back (this will take the place of where the glass would go on an actual window).

Side View

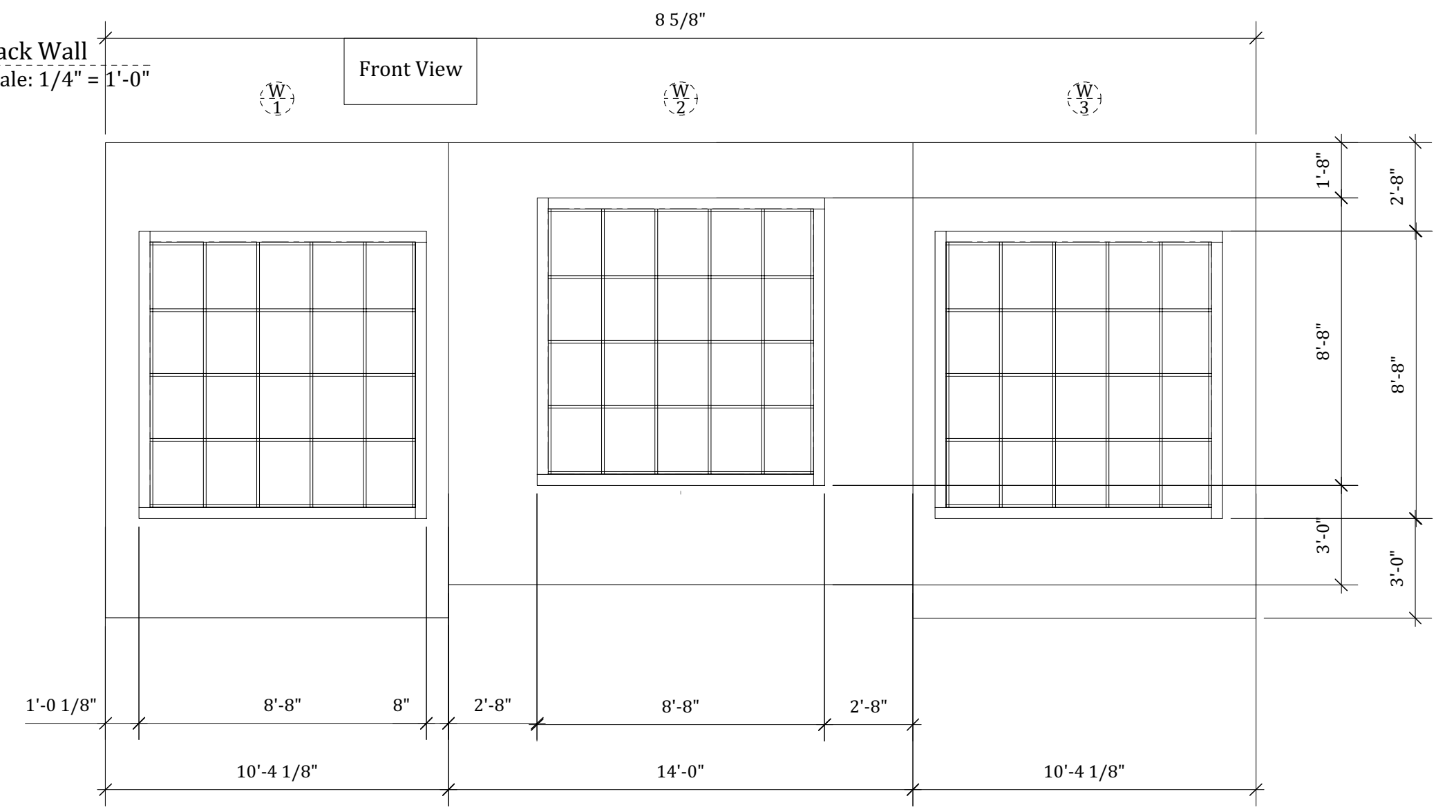


Top View



2 Back Wall
Scale: 1/4" = 1'-0"

Front View



1 2 3 4 5 6 7

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Technical Director:
Chris Swetcky

Plan:
Side Walls/Back Platforms

Sheet Number:
6
of 9

Drawn By:
Abigaile

Scale:
Refer to Separate Drawings

Date:
10/26/16

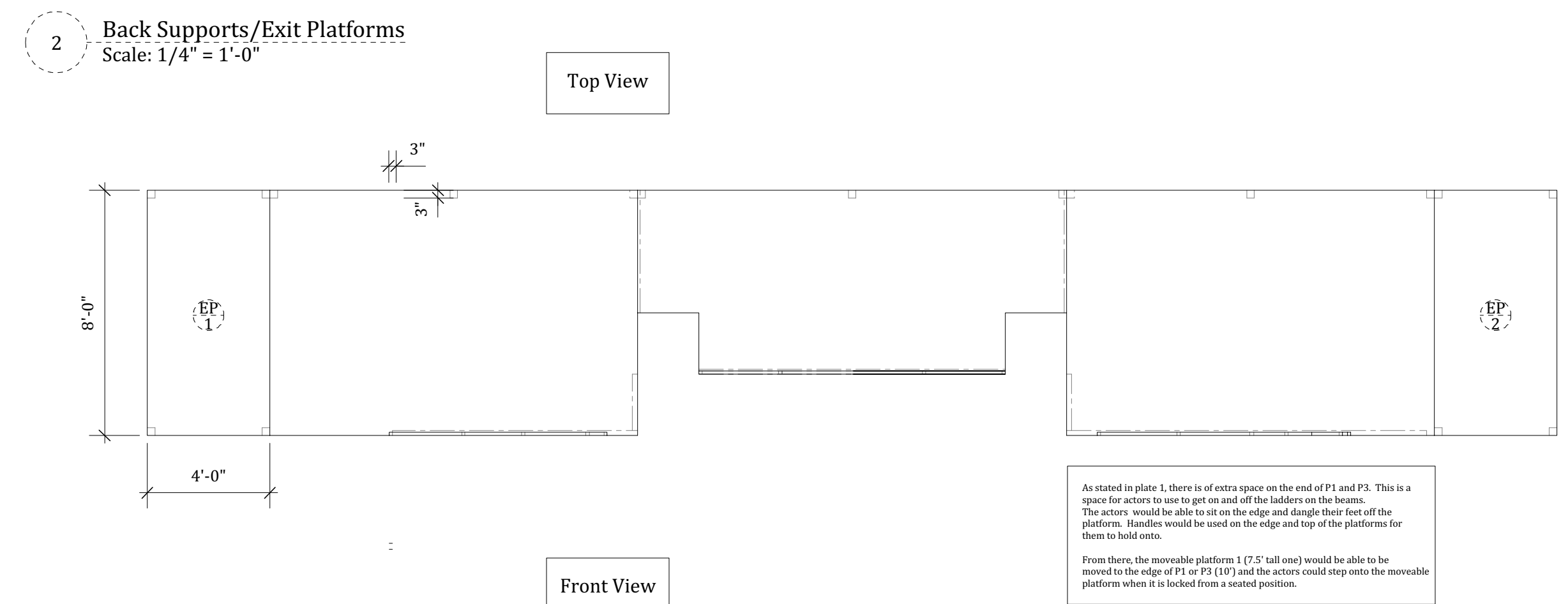
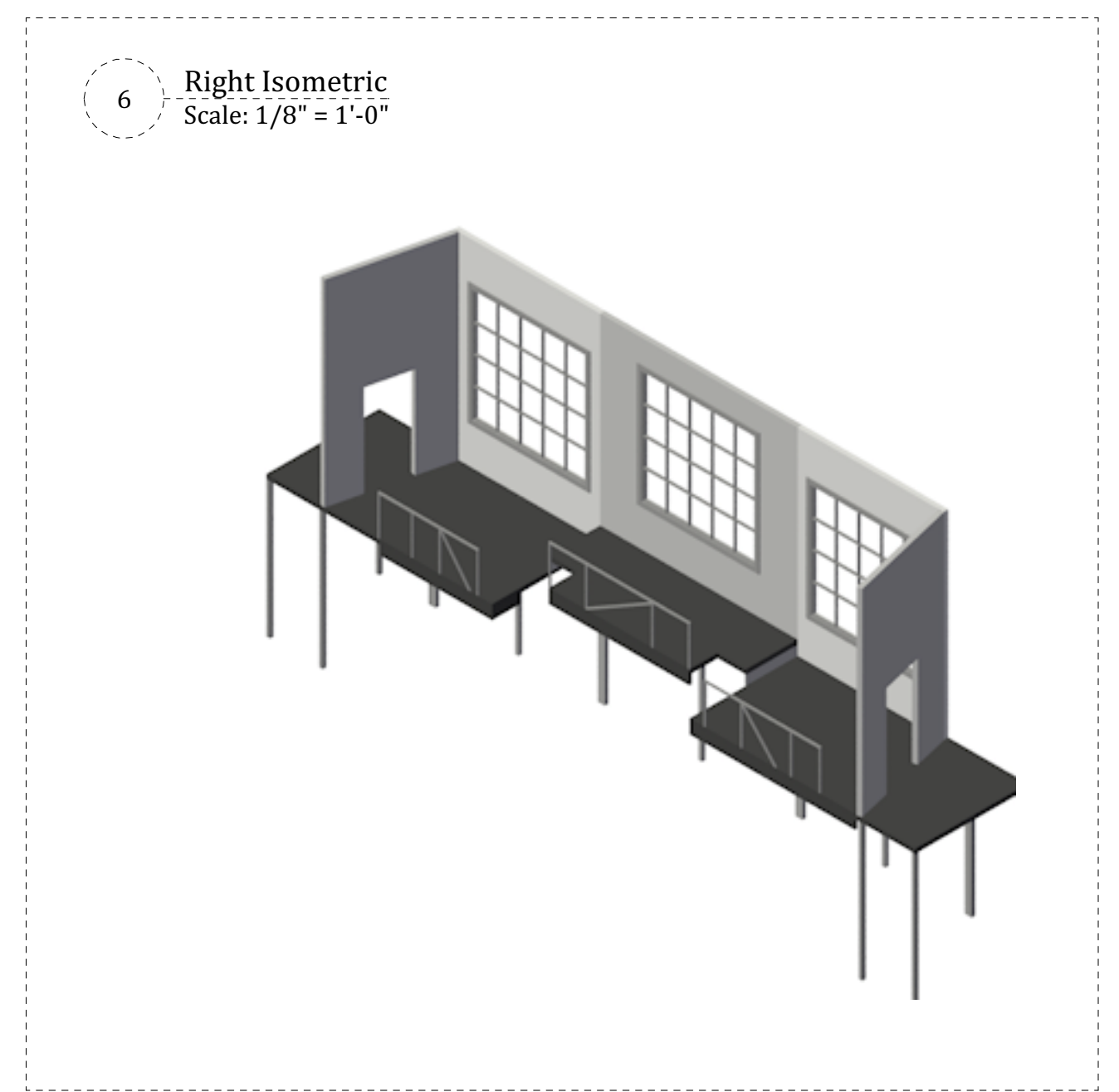
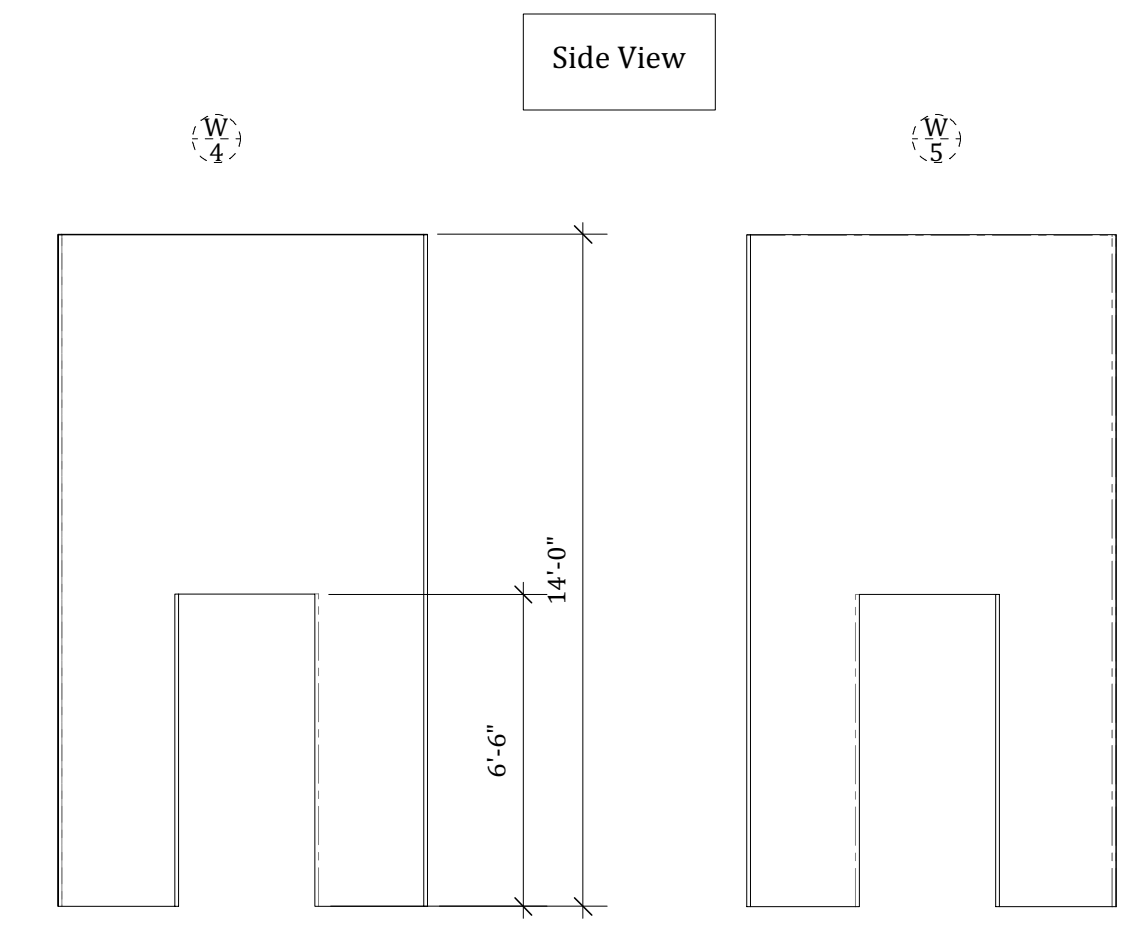
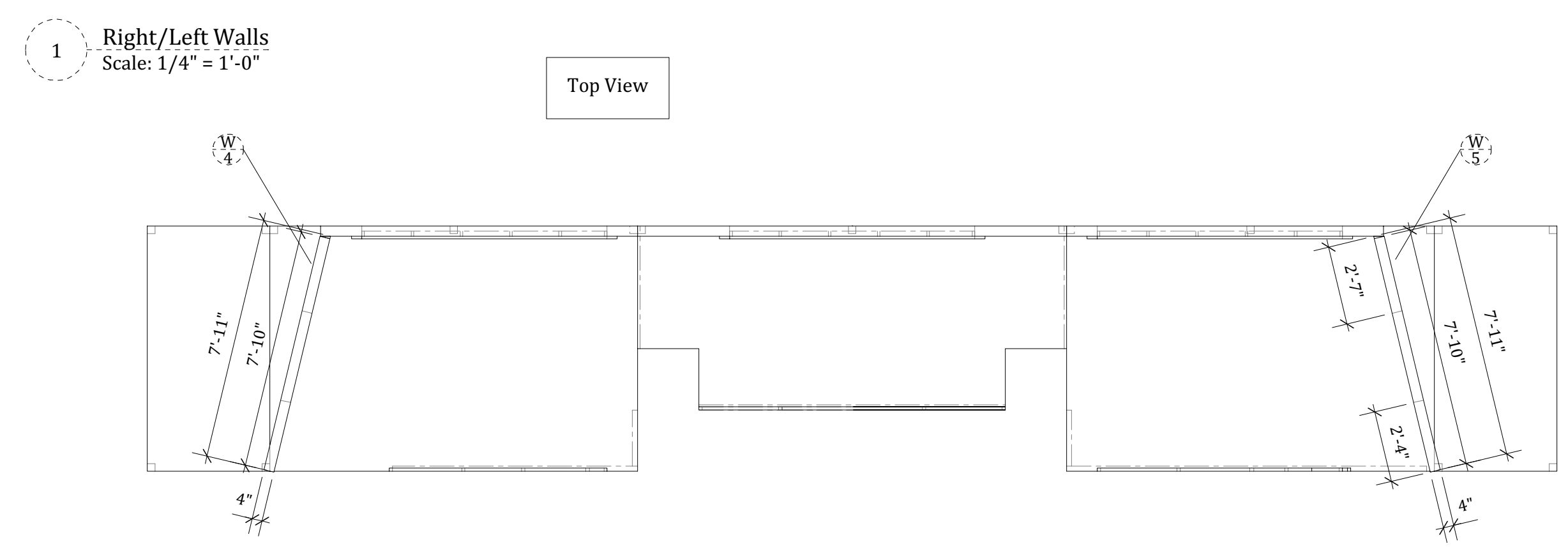
Revision Date:
11/14/16

Advisor:
Dan Robinson

Notes:
No notes for this page.

Venue:
The Playhouse

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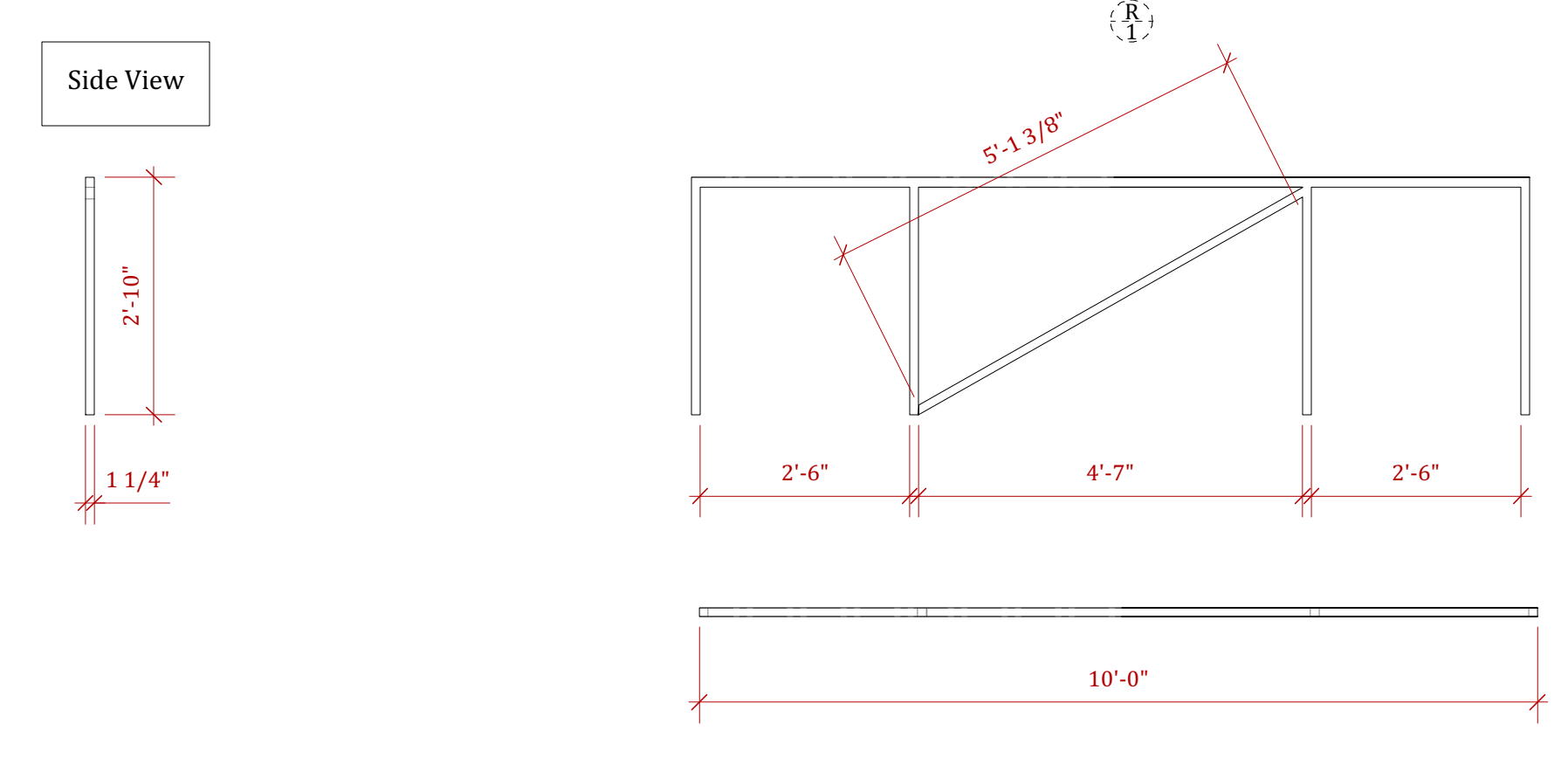
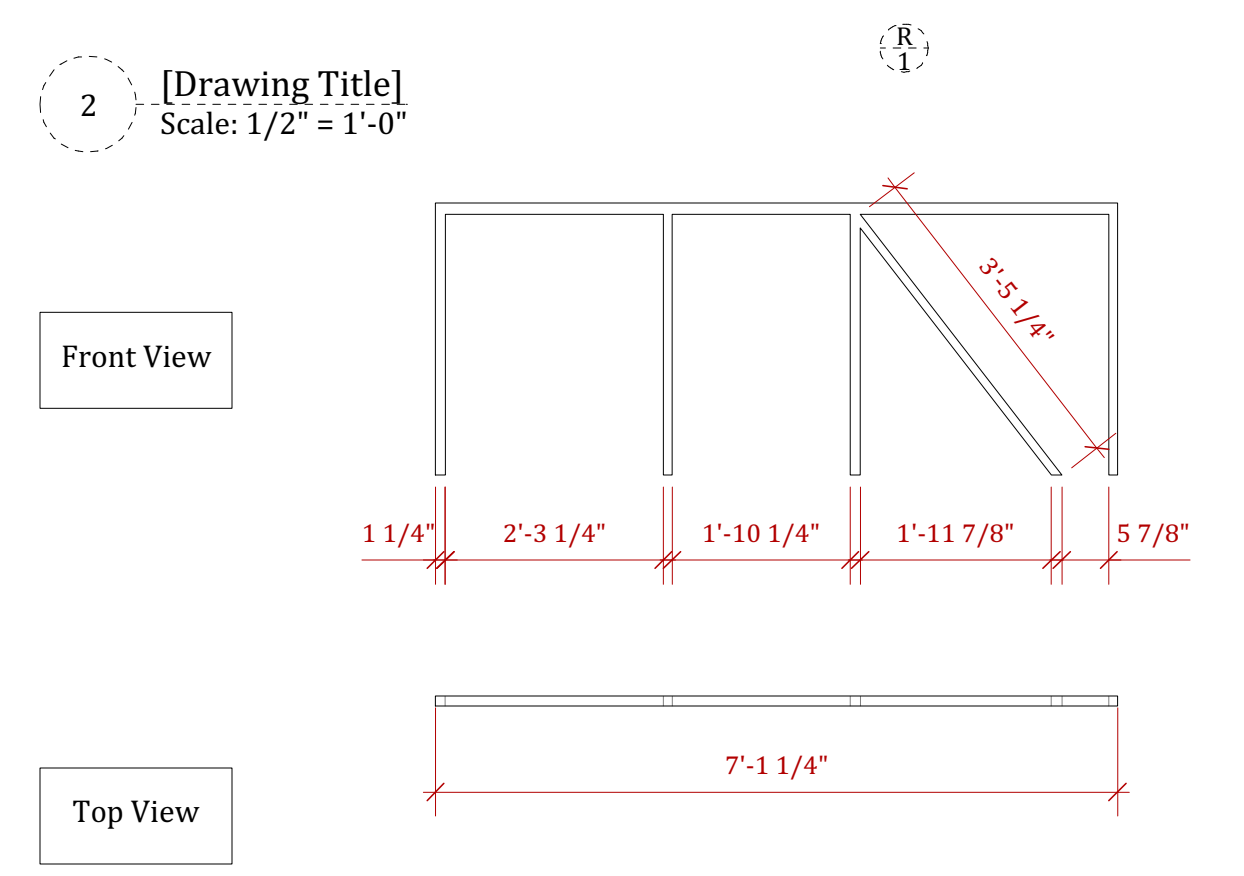
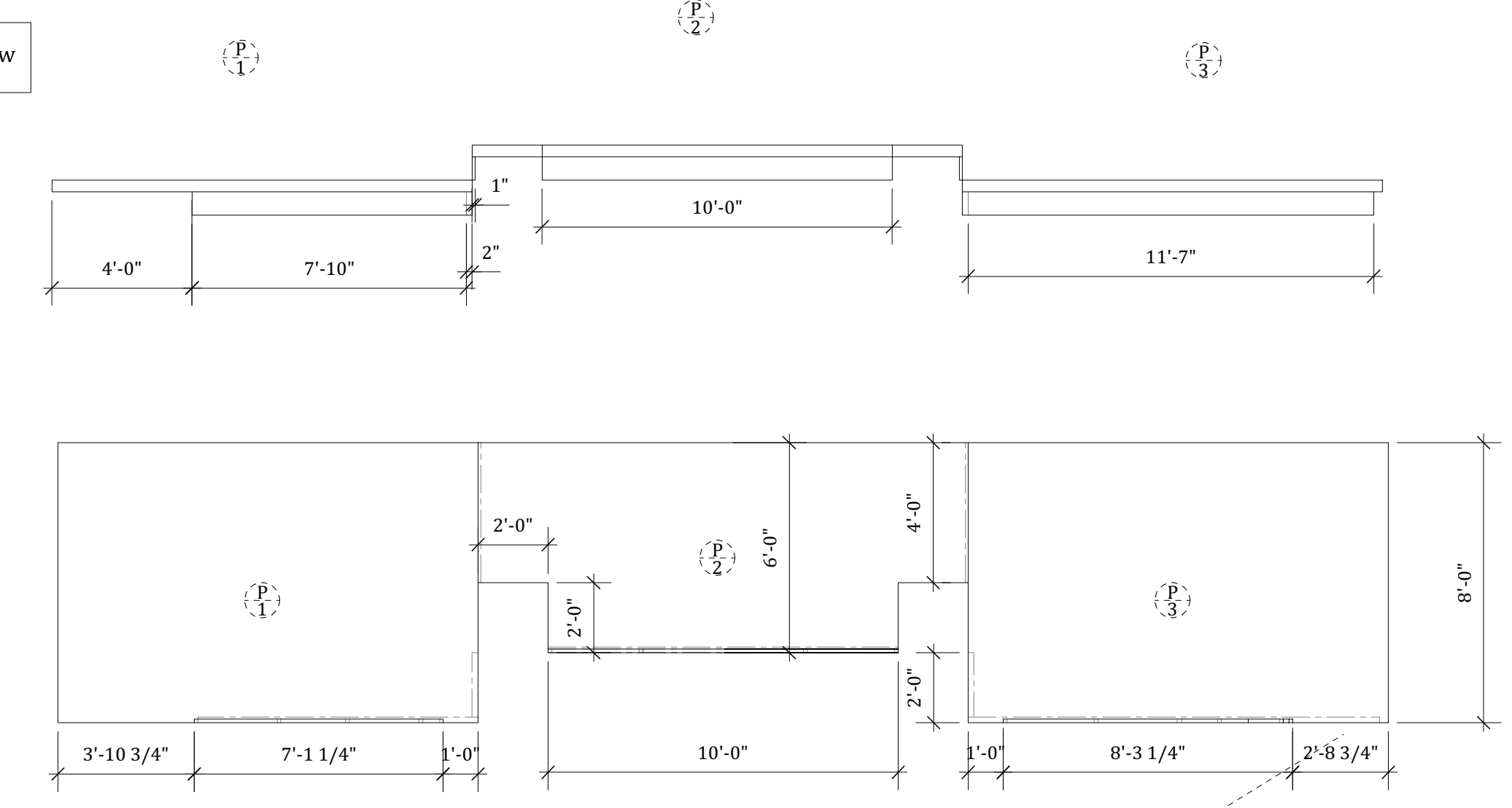
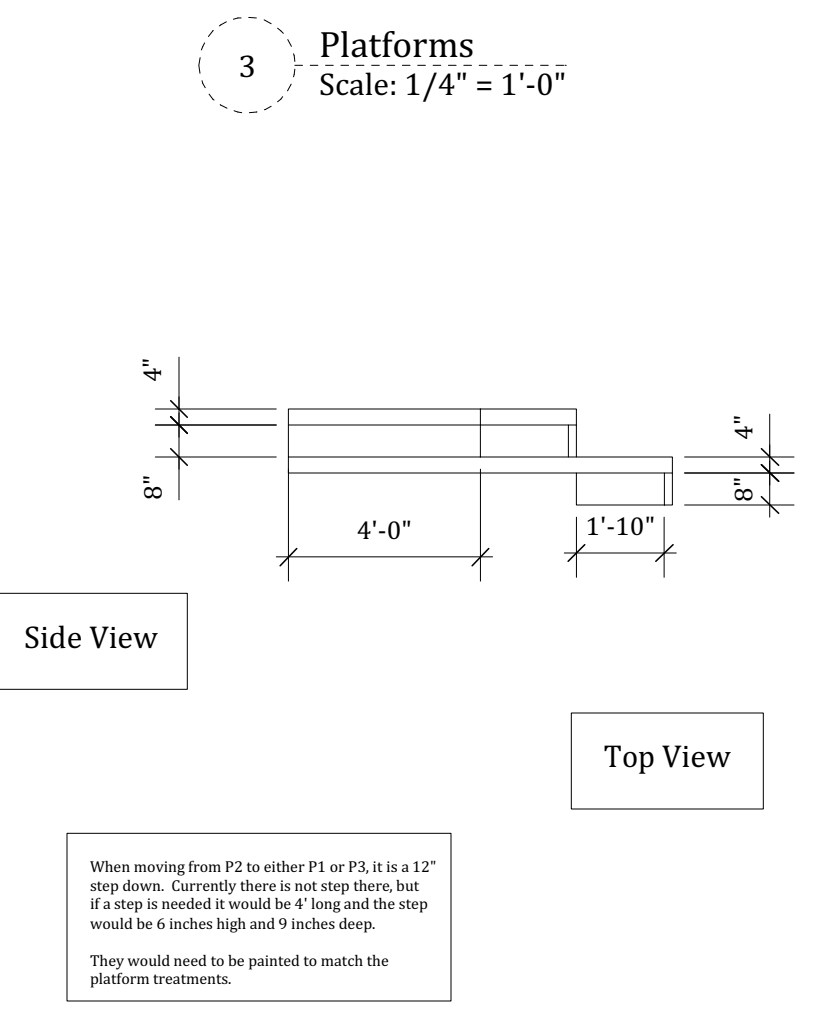


Paint Treatments/Materials

Railings and beams - Steel and have texture added to look like rust

Platforms - Steel platforms can be used as components for the larger platforms. All Platforms covered in masonite in order to paint them.

Walls 4 and 5 are treated the same as Walls 1,2,3 - hard covered flat, textured paint treatments.



The railings are 34" tall in order to have the actors be able to climb over them to M3 and M4. There are also larger openings in the railings in order for the actors to climb under to get to them.

All railings are to be 1 1/4" box tube steel, the actors will be pushing, climbing, and leaning on it.

On Platform (P3), on the right side there is an opening that is 2'8 3/4" big. This will be the spot that the Movable Stage (MS1) goes.

In order to follow safety standards, when MS1 is not there, there could be a removable railing that goes across and could be easily taken away when MS1 is being used. A solution for this would be to use a large chain. See similar image on plate 8.

- Key:
- W = Walls
 - W4, W5
 - EP = Exit Platforms
 - EP1, EP2
 - R = Railing
 - R1, R2, R3
 - P = Platform
 - P1, P2, P3

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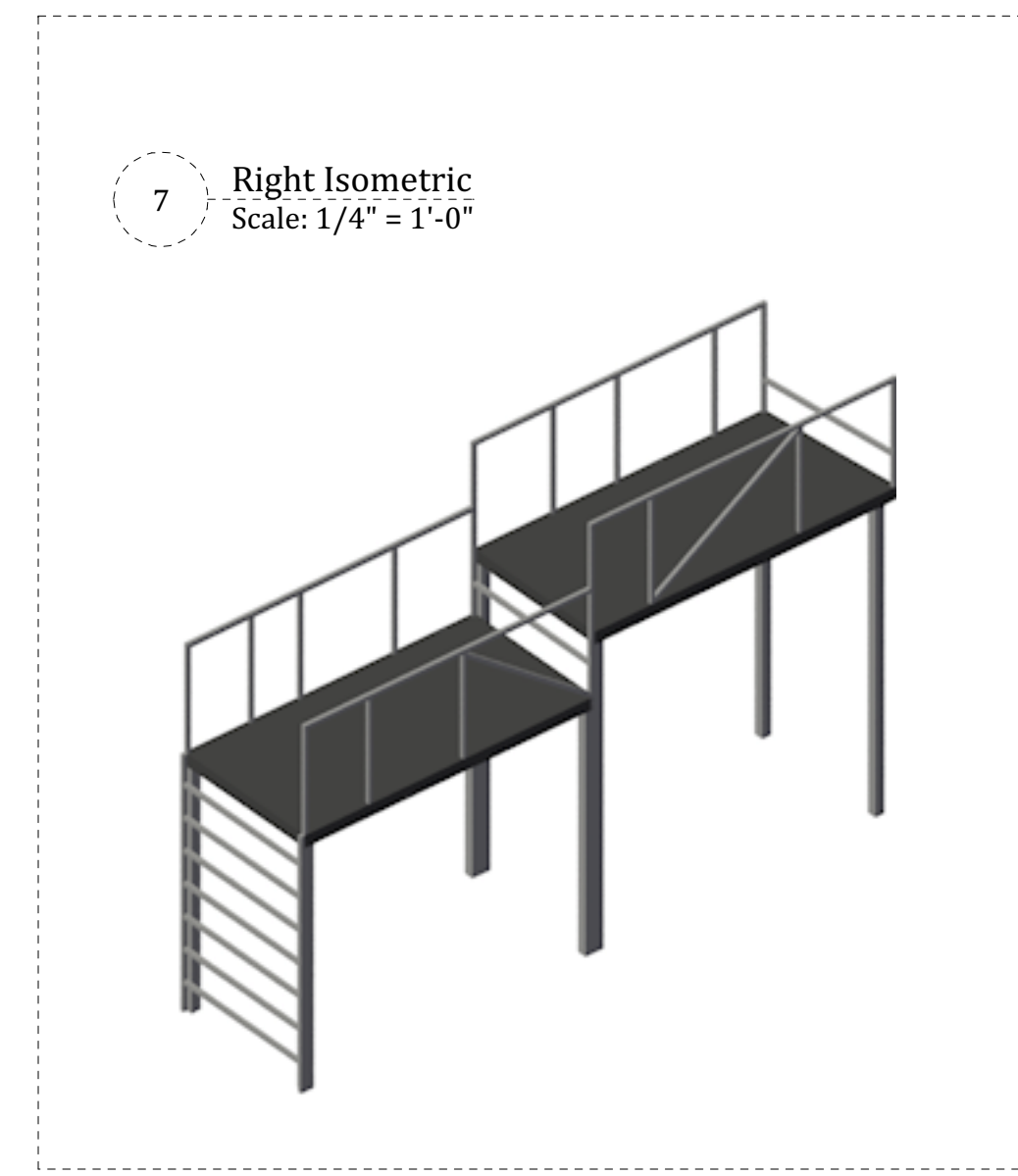
Plan:
Beams/Side Platforms

Sheet Number:
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of 9

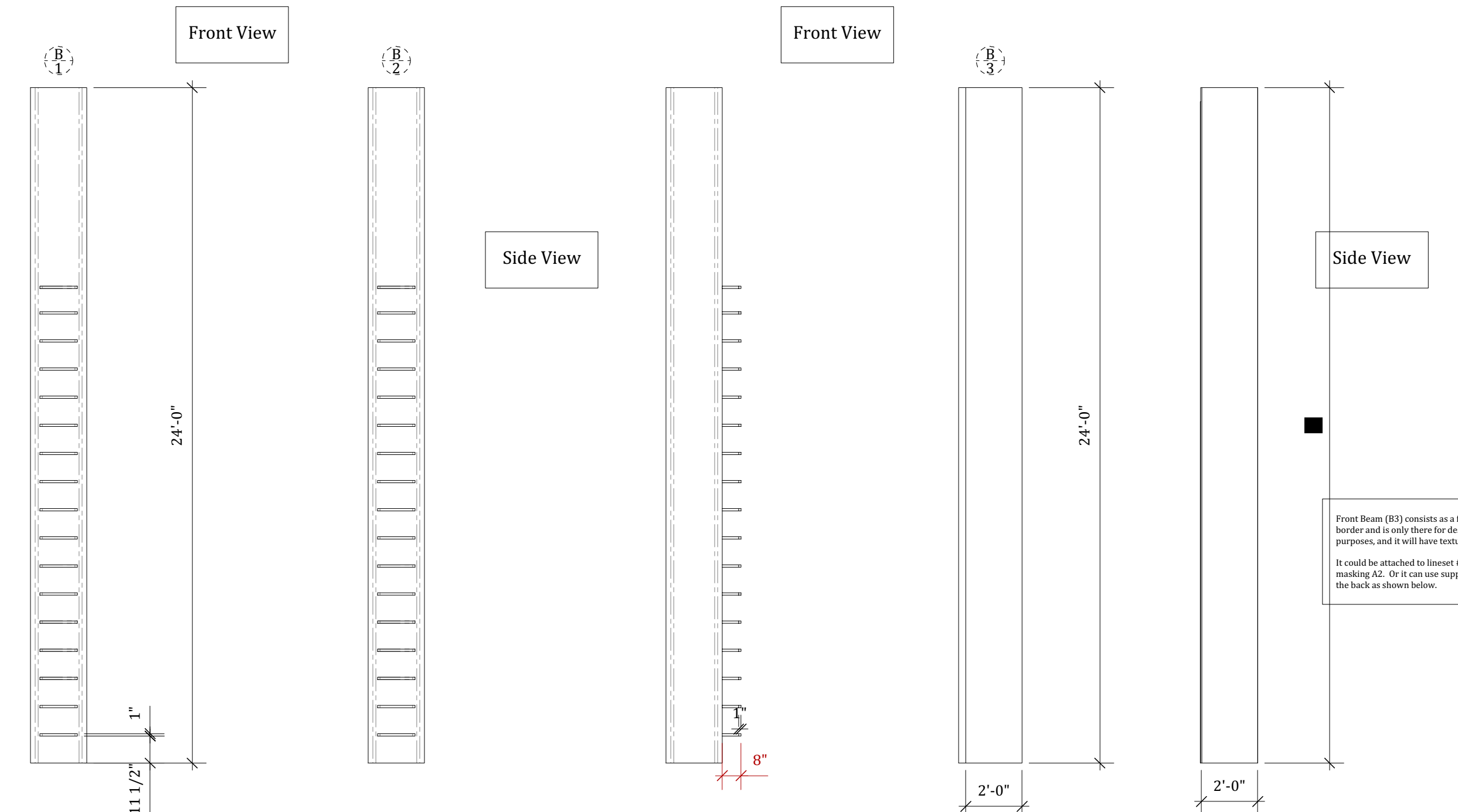
Drawn By:
Abigaile Wiker
Scale:
Refer to Separate Draftings
Date:
10/28/16
Revision Date:
11/14/16
Advisor:
Dan Robinson

Notes:
No notes for this page.

Venue:
The Playhouse
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116 Theatre Building, University Park

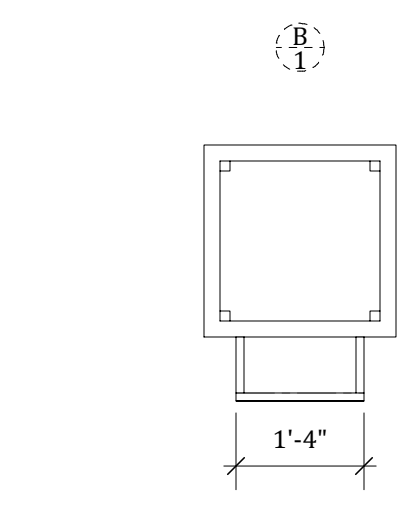


7 Right Isometric
Scale: 1/4" = 1'-0"

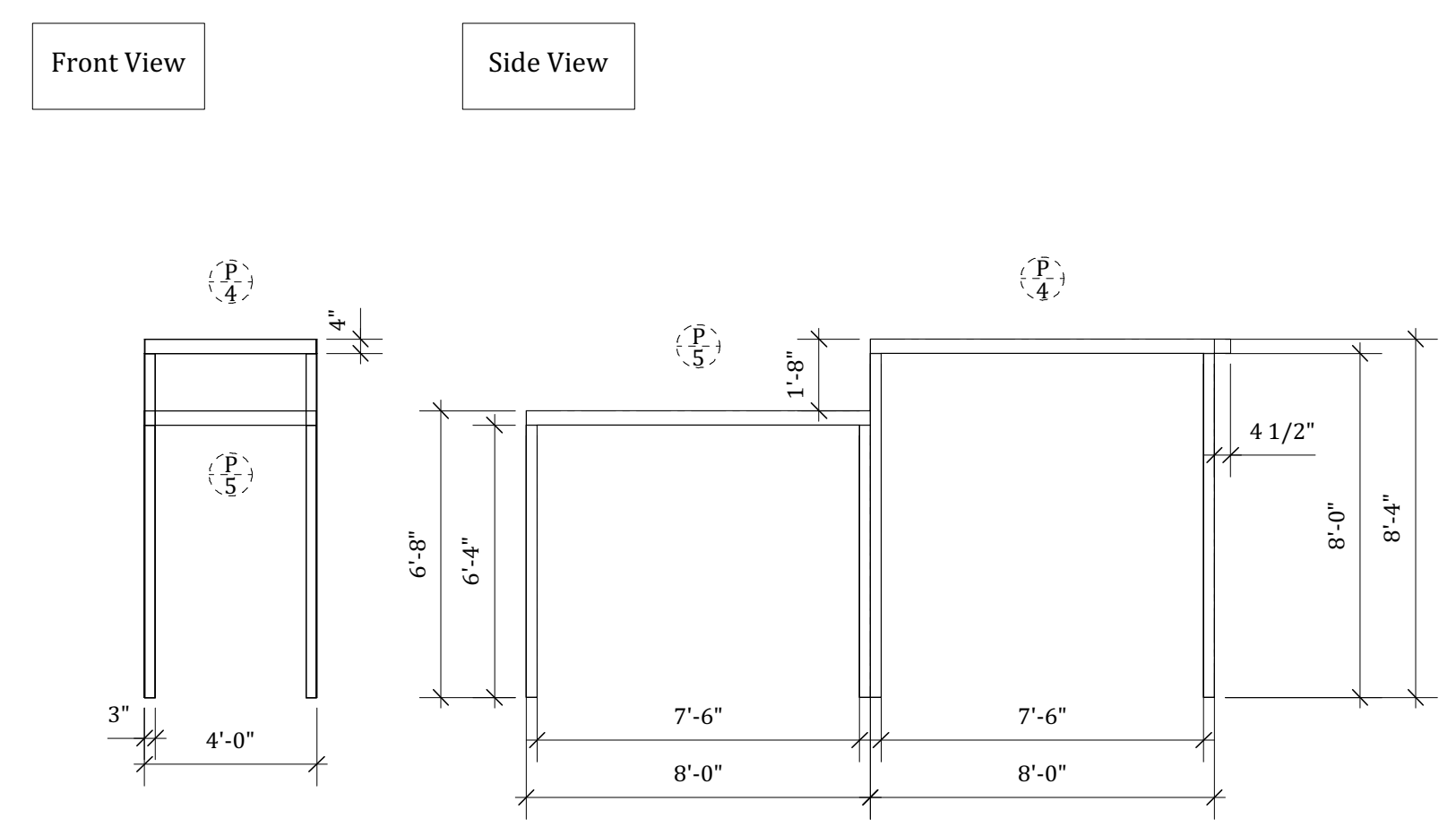


1 Beams 1,2,3
Scale: 1/4" = 1'-0"

2 Beams 1,2,3
Scale: 1/2" = 1'-0"

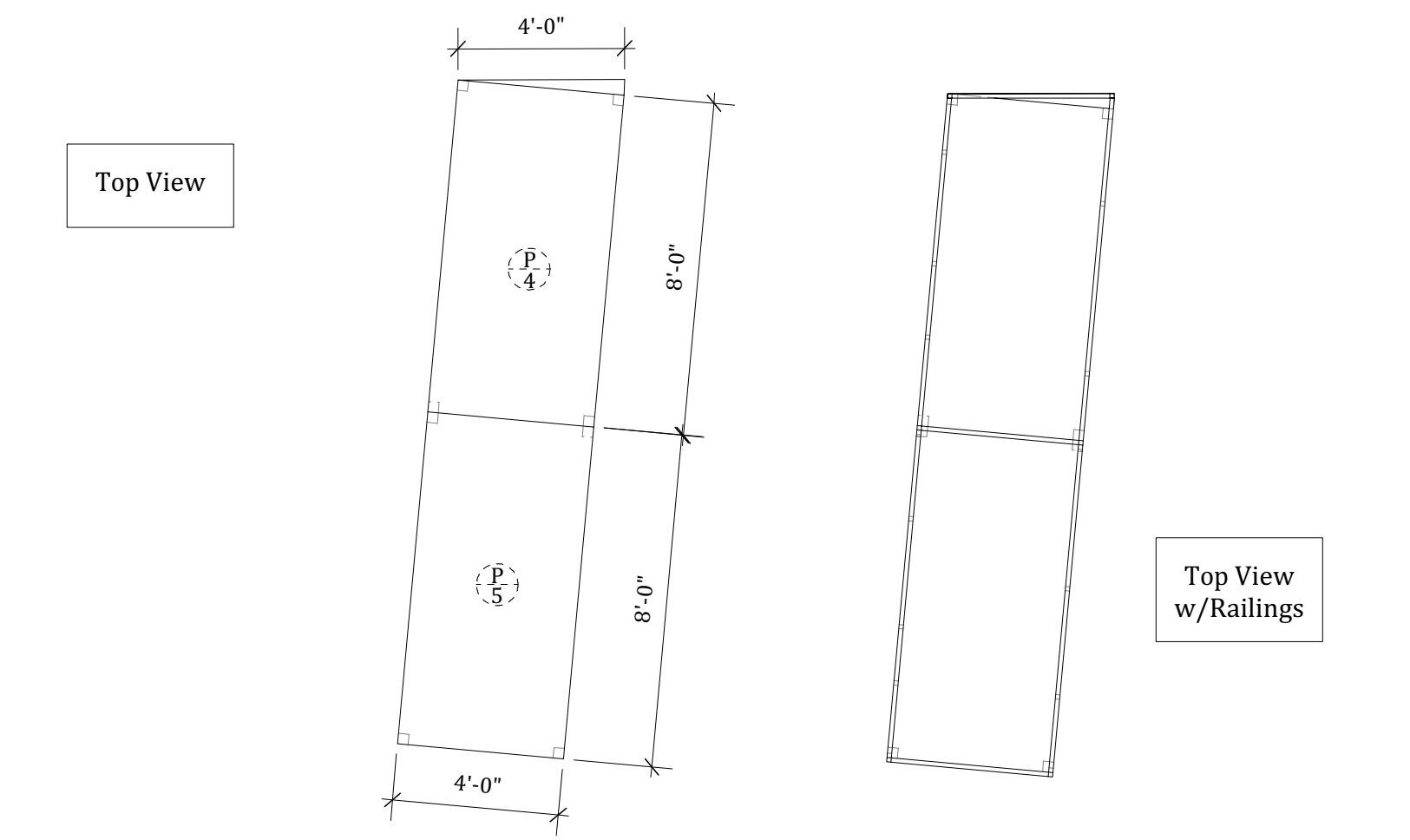


Beams 1 and 2 are 2' by 24' and are made to look like concrete. They will be painted with texture. There are 17 ladder rungs attached to the front of the beams. They are placed 1' apart on center. They are 7" deep but can be longer if more room is needed. The ladder rungs should be box steel (possibly 1 x 1 1/2"). The ladder rungs extend about 17" high, although actors will only have their feet on the 10th or 11th rung. The other rungs above it are only there for the actors to grab onto. Both Beams 1 and 2 are identical in dimensions and appearance.

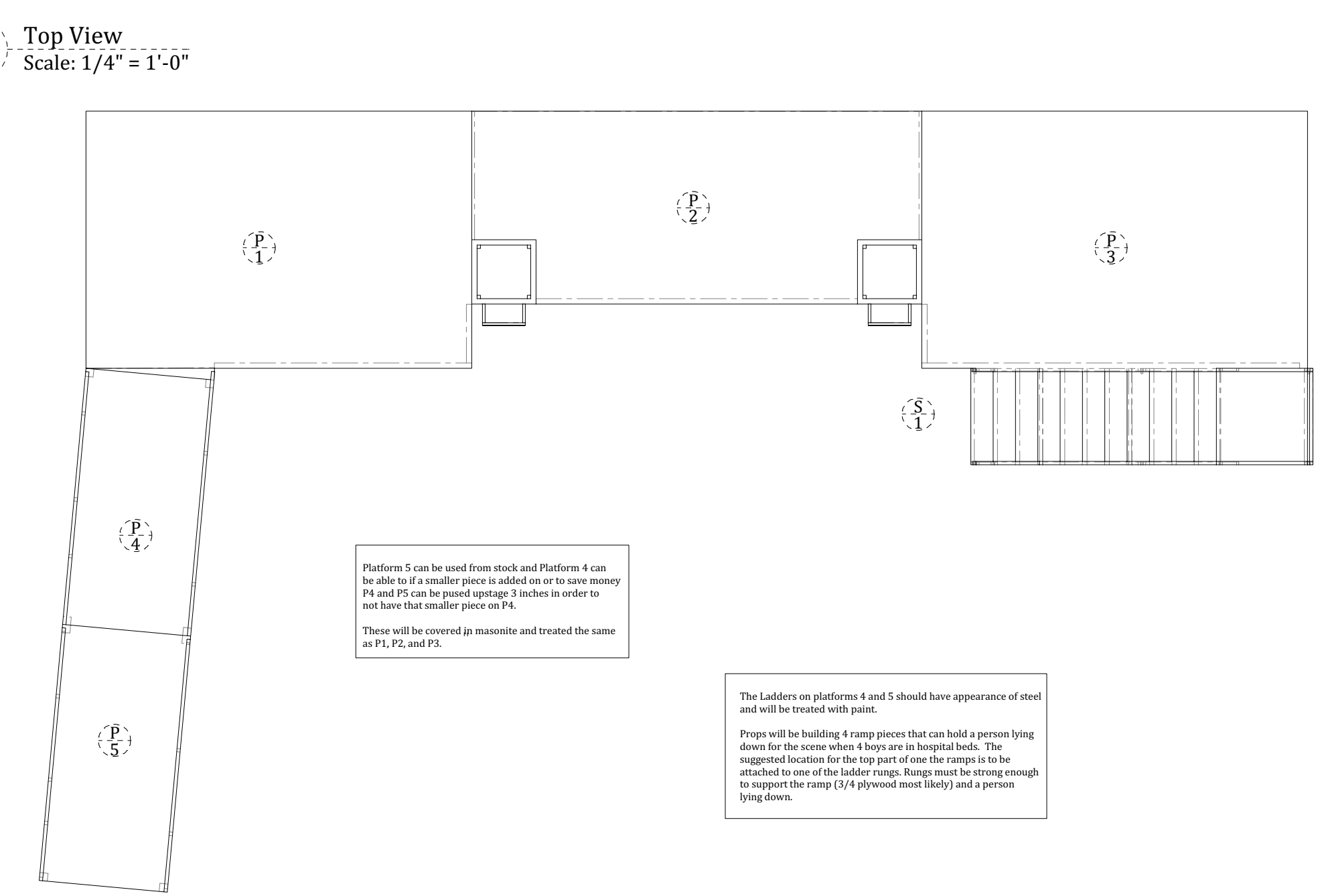


3 Platforms
Scale: 1/4" = 1'-0"

4 Platforms 4,5
Scale: 1/2" = 1'-0"



Top View w/Railings



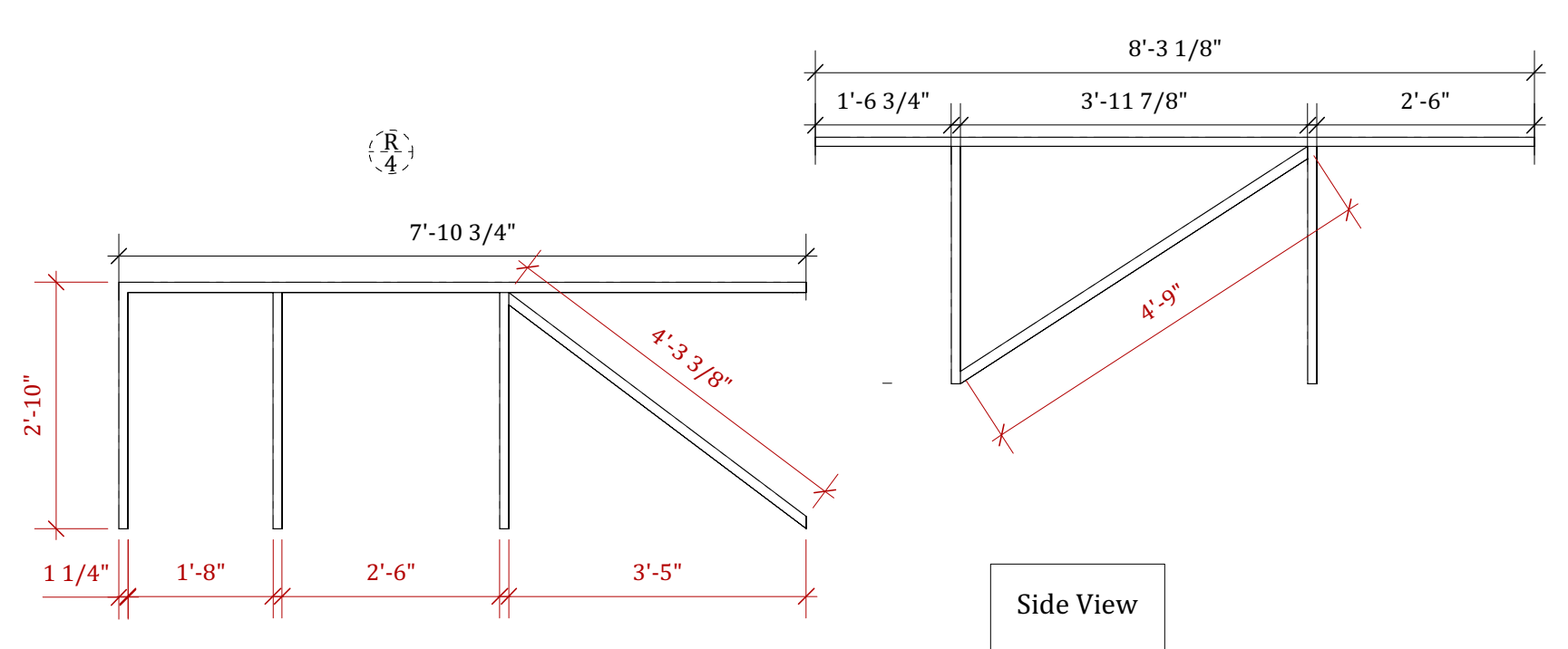
5 Railings on Platforms 4,5
Scale: 1/2" = 1'-0"

The railings are 34" tall in order to have the actors be able to climb over them. There are also larger openings in the railings in order for the actors to climb under to be able to get onto the moveable platforms if they are locked and right next to Platforms (P4 and P5). All railings are to be 1 1/4" box tube steel, the actors will be pushing, climbing, and leaning on it.

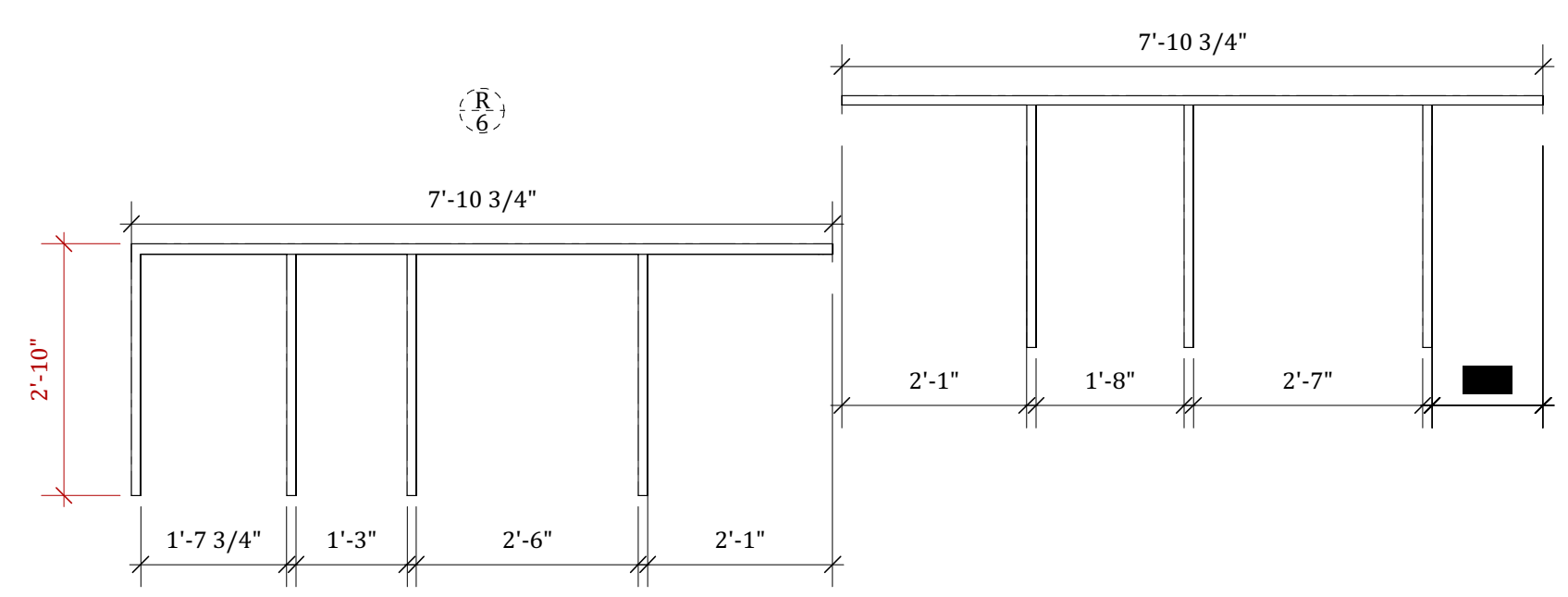
The ladders on platforms 4 and 5 should have appearance of steel and will be treated with paint. Props will be building 4 ramp pieces that can hold a person lying down for the scene when 4 boys are in hospital beds. The suggested location for the top part of one the ramps is to be attached to one of the ladder rungs. Rungs must be strong enough to support the ramp (3/4 plywood most likely) and a person lying down.

Platform 5 can be used from stock and Platform 4 can be able to fit a smaller piece to add on or to save money P4 and P5 can be moved upstage 3 inches in order to not have that smaller piece on P4. These will be covered in masonite and treated the same as P1, P2, and P3.

Front Beam (B3) consists of a front border and is only there for design purposes, and it will have texture on it. It could be attached to Inset #1 with masonite. Or it can use supports in the back as shown below.

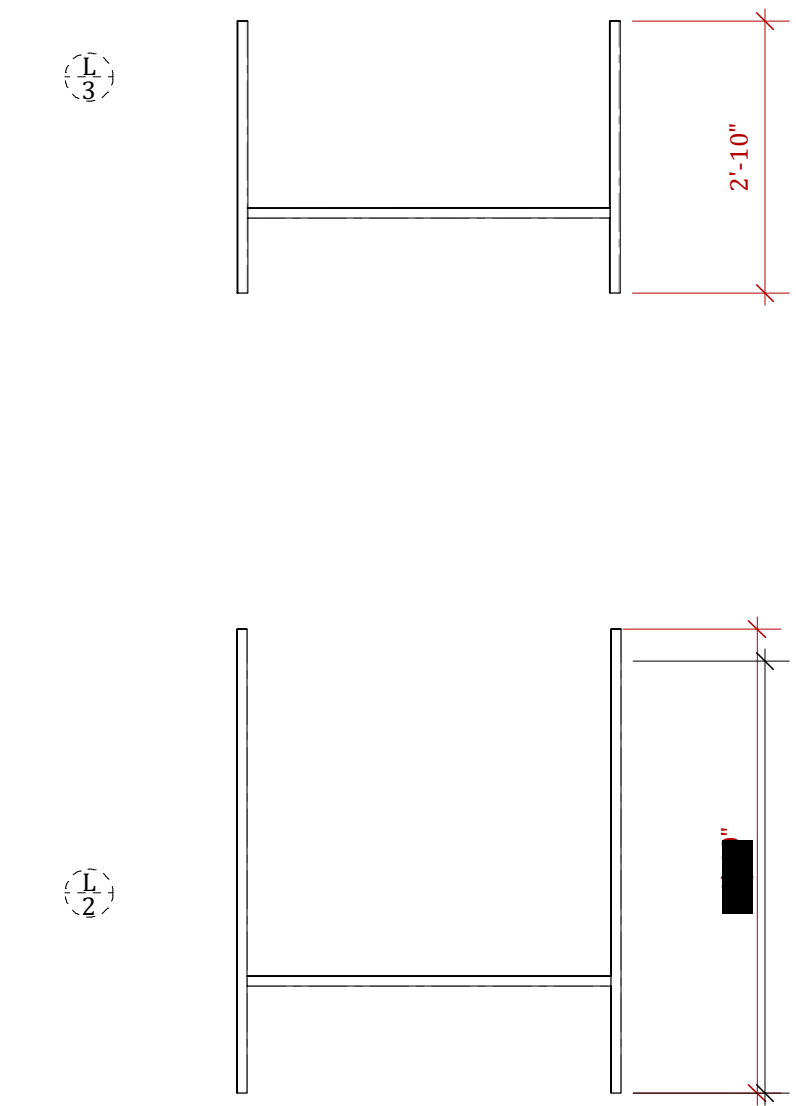
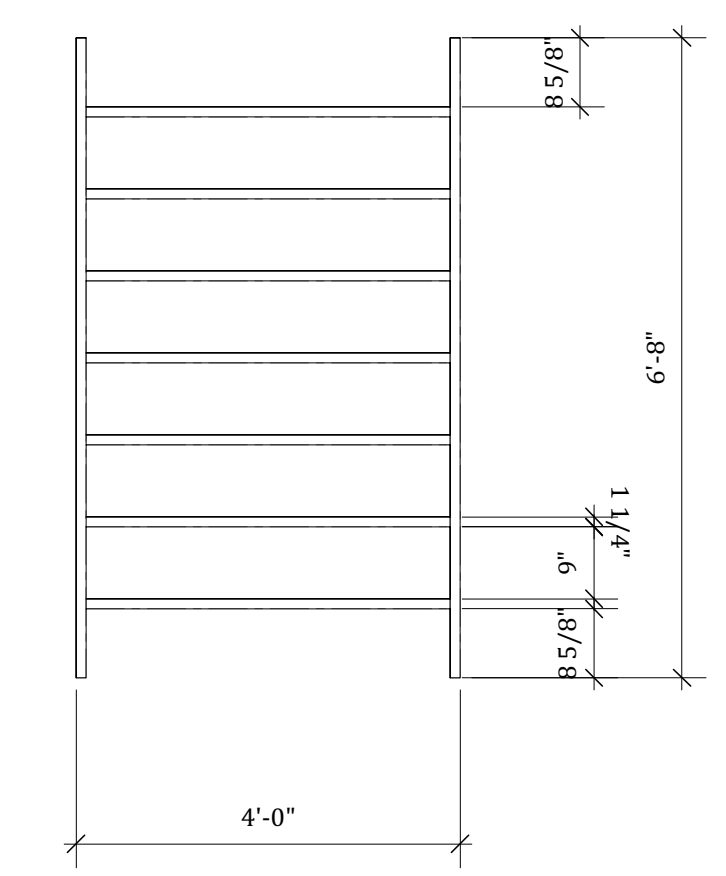


Side View



Front View

6 Ladders on Platforms 4,5
Scale: 1/2" = 1'-0"



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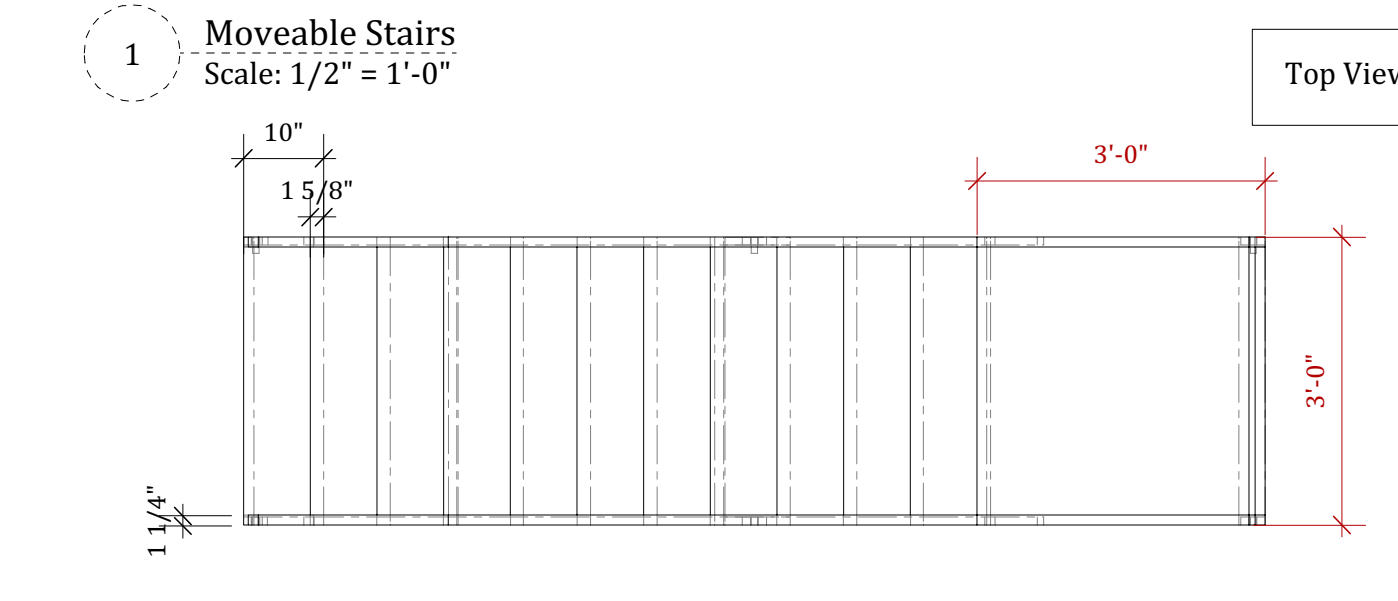
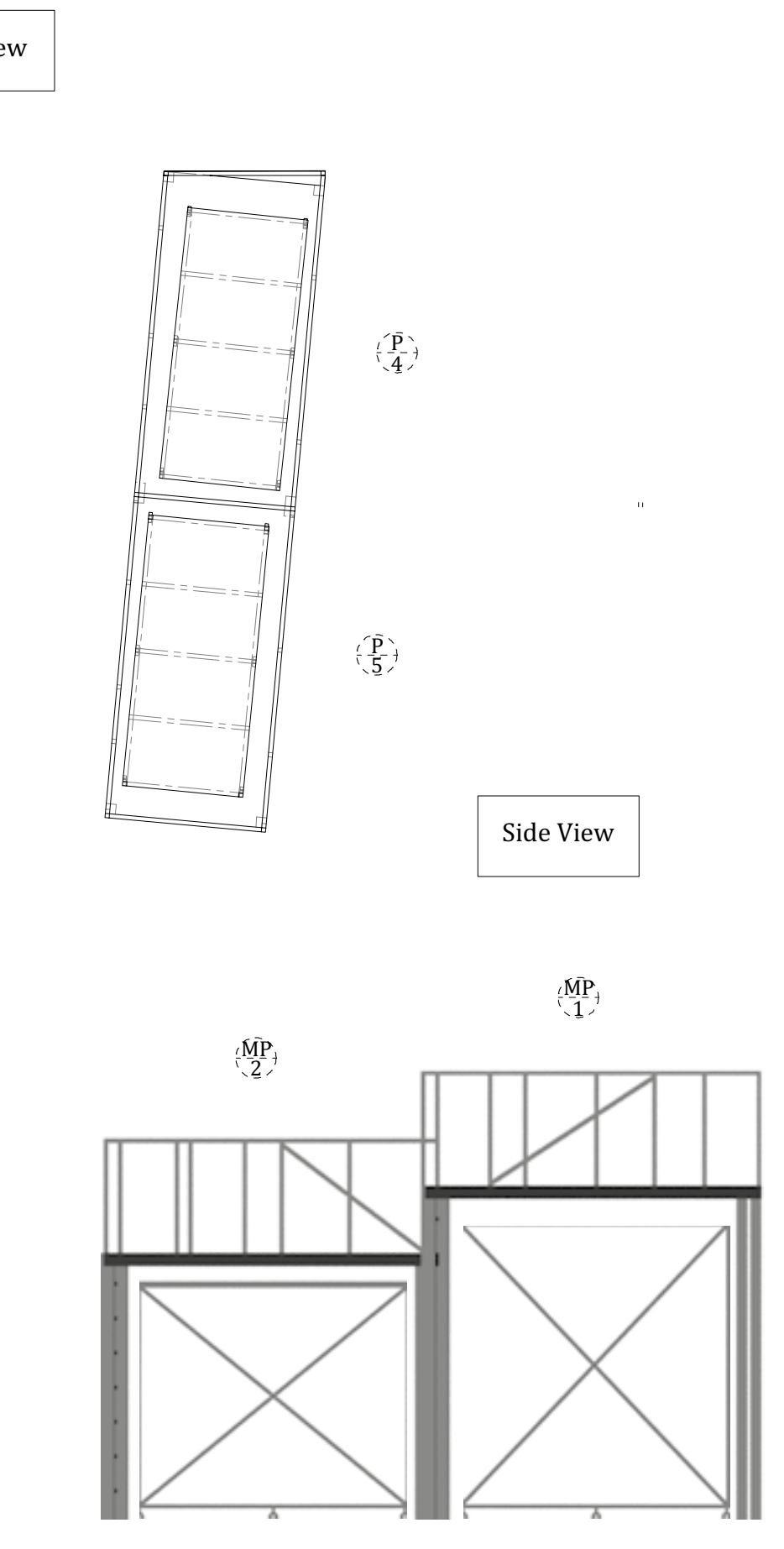
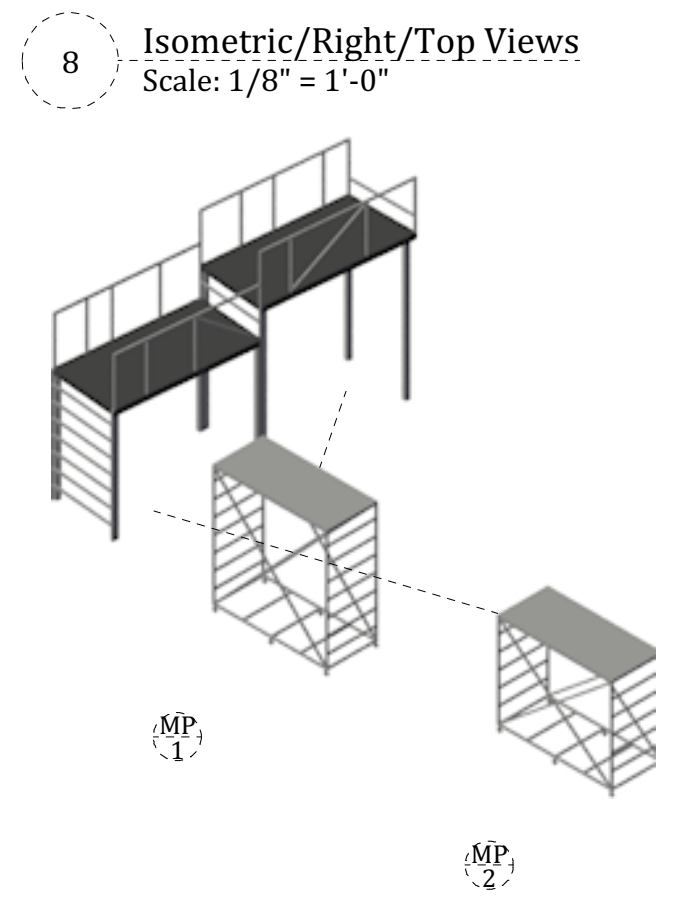
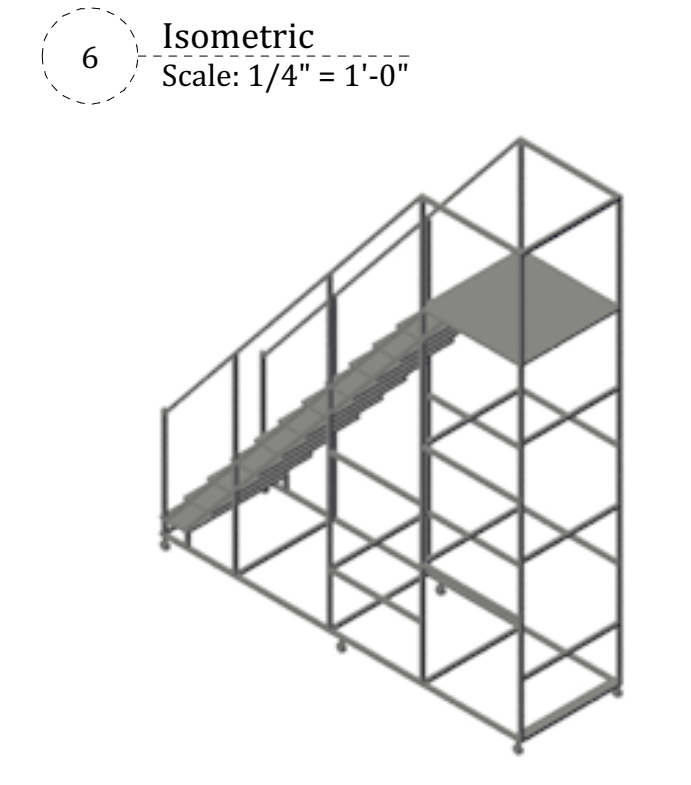
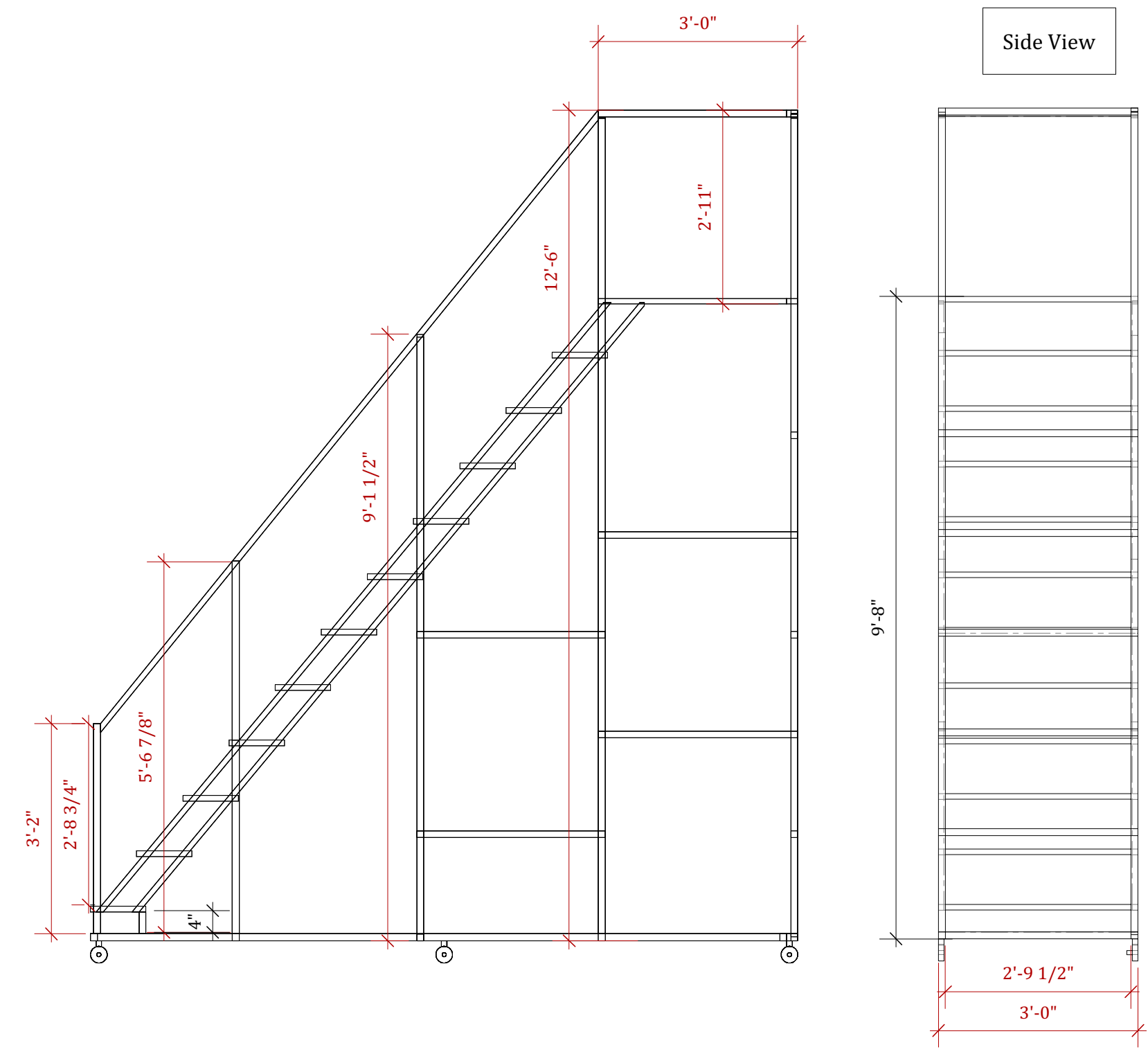
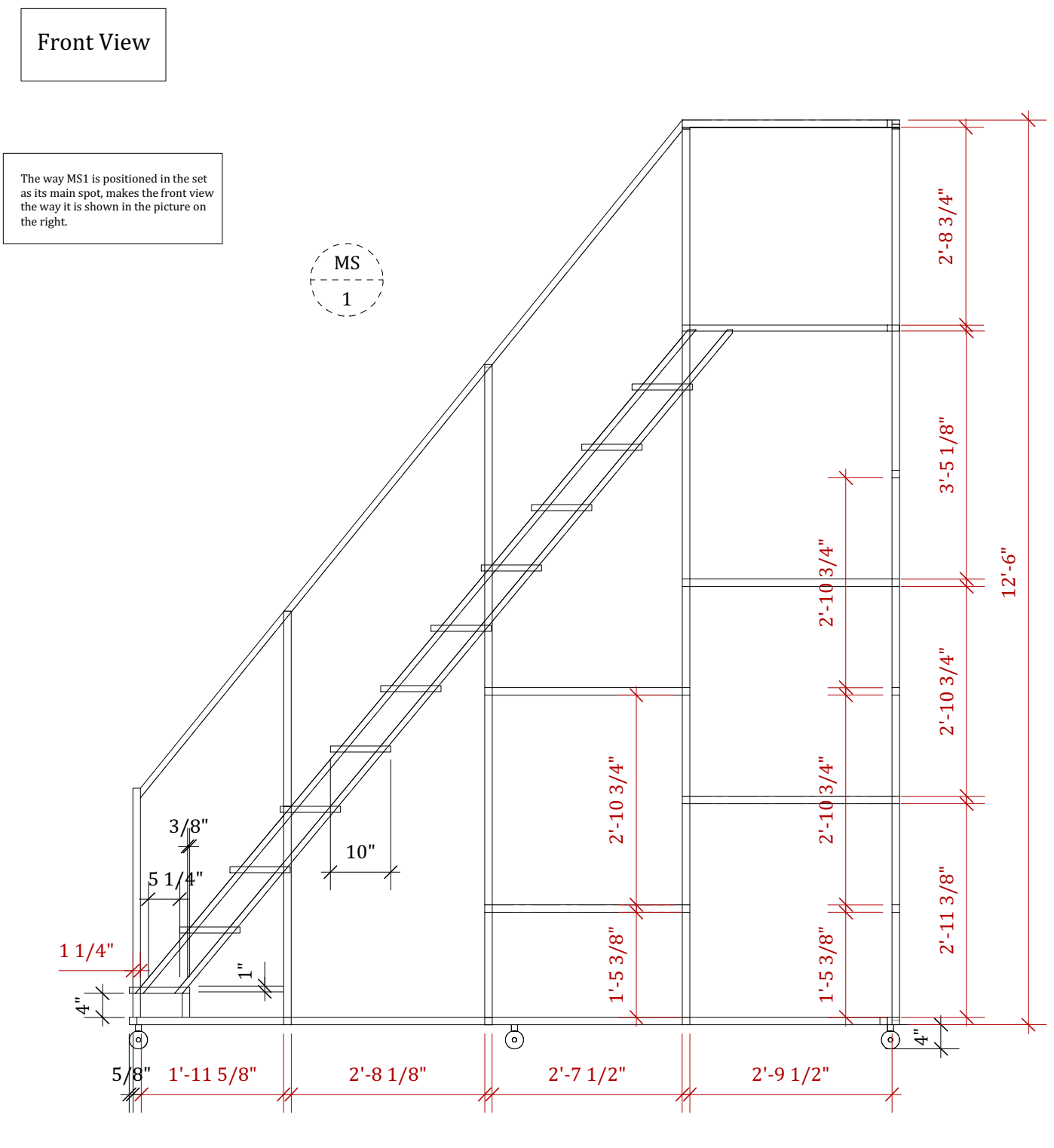
Plan:
Beams/Moveable Stairs

Sheet Number:
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of 9

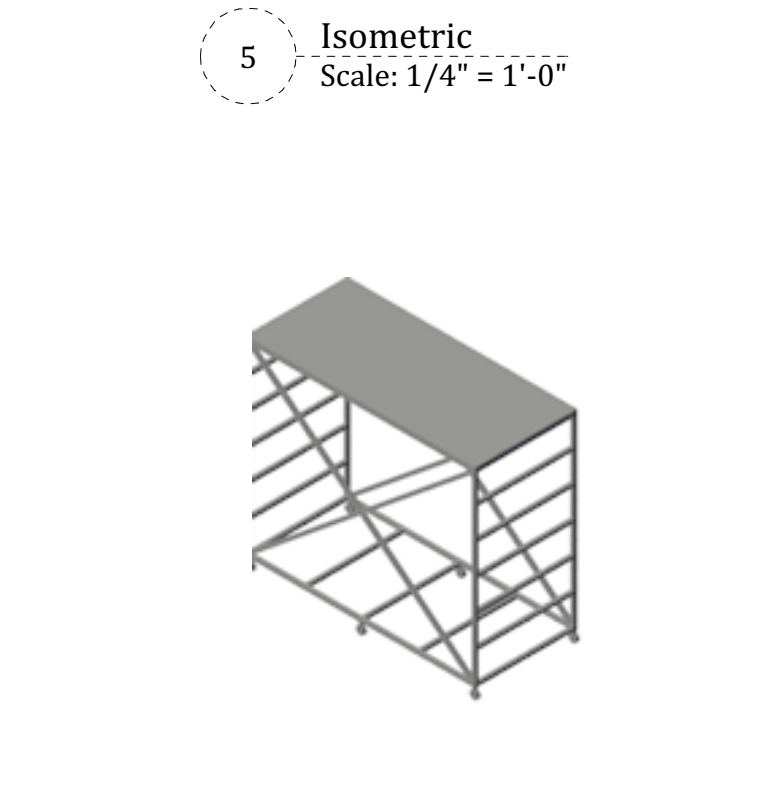
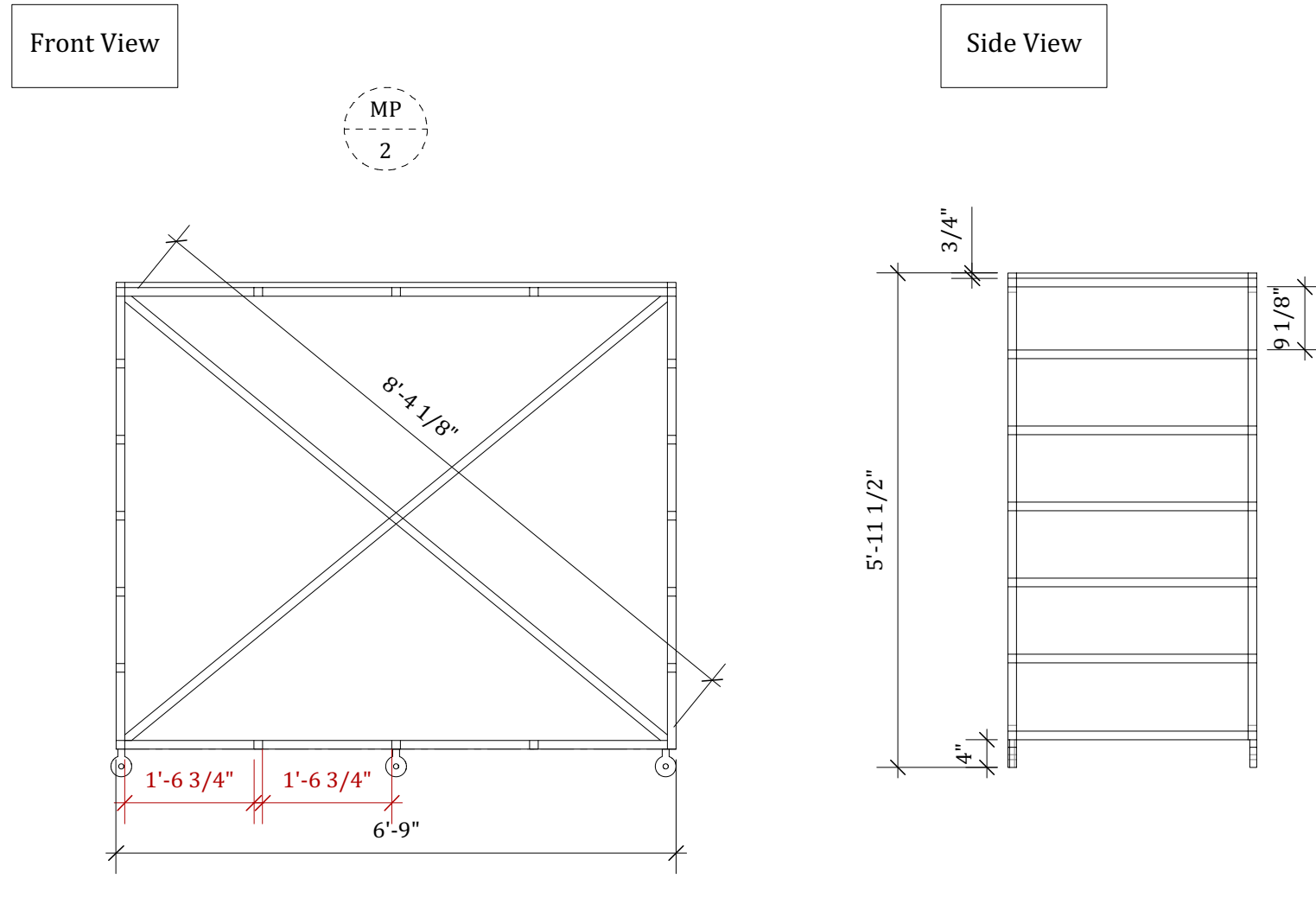
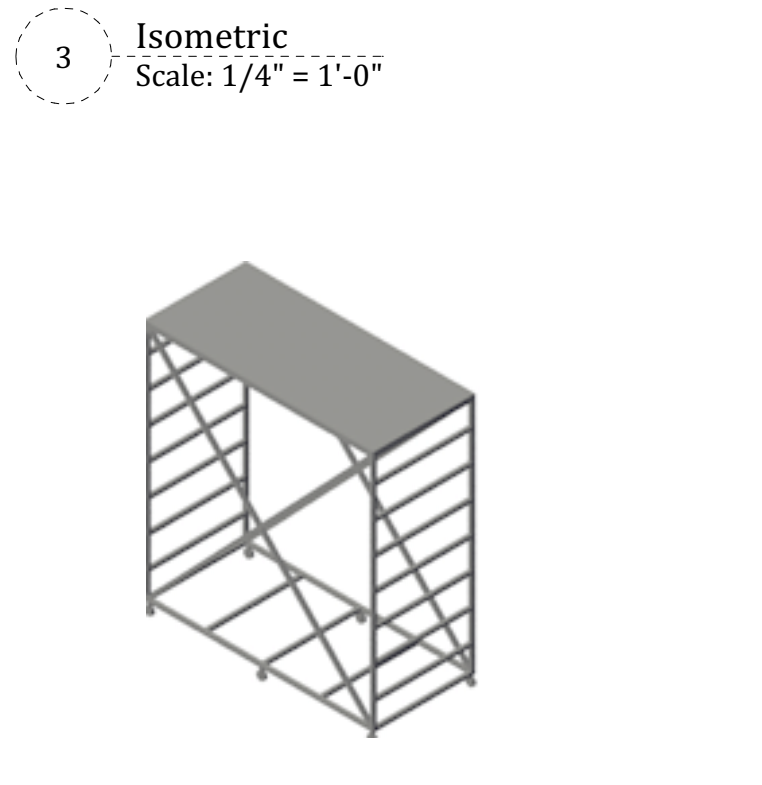
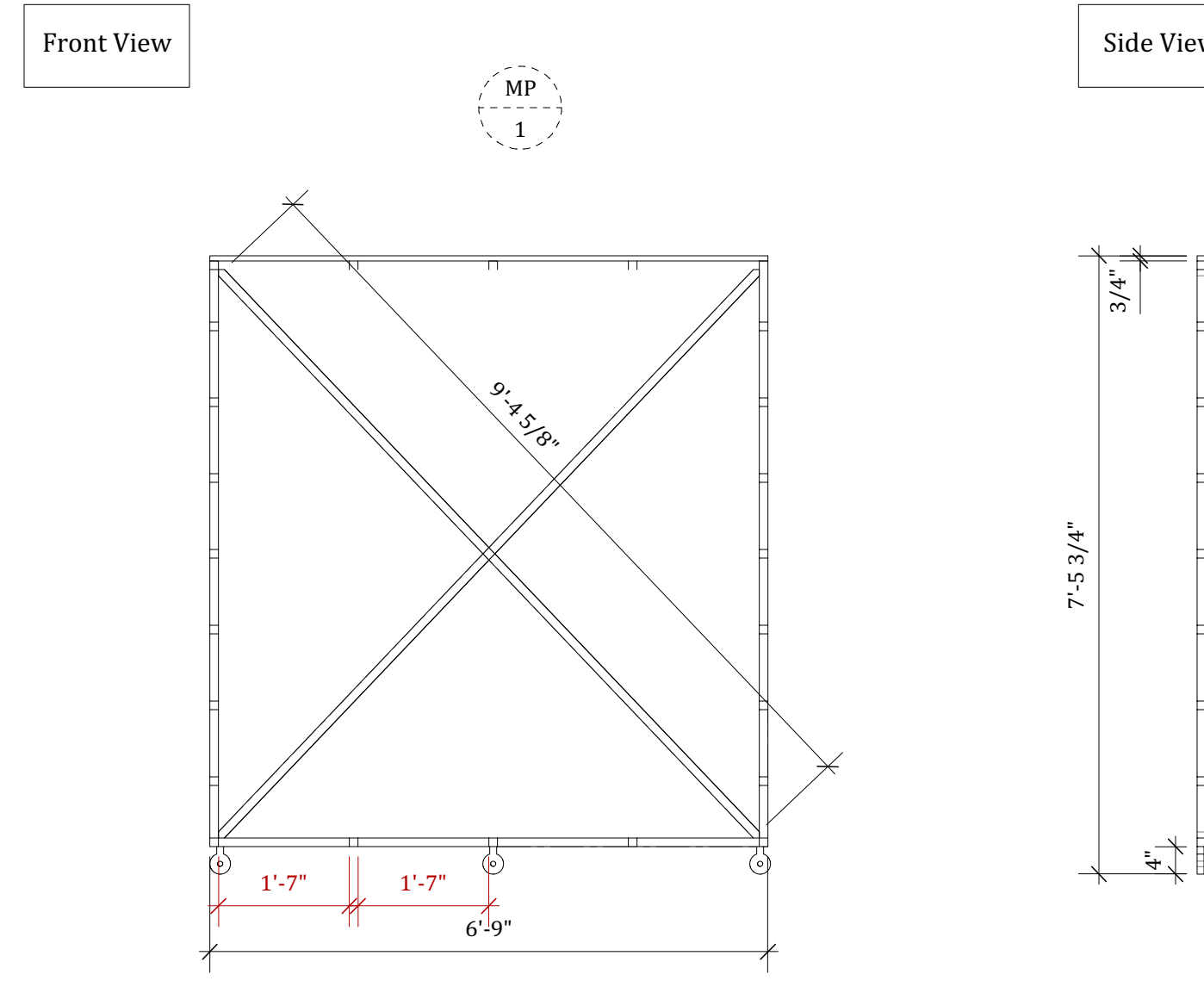
Drawn By:
Abigaile Wiker
Scale:
Refer to Separate Drawings
Date:
10/26/16
Revision Date:
11/14/16
Advisor:
Dan Robinson

Notes:
It has been requested that the moveable pieces be made first because Michelle would like to use them over break to work on the choreography. In order of importance, the two moveable scaffolding pieces are requested first, and the stairs to follow. If this is not possible the discussion will need to be brought up to Erin and Michelle.
Also it has been asked that if the pieces can fit into room 119 somehow in order to work with them in rehearsal. The smaller piece should be able to fit in the double doors, but it does not look like the taller one can fit. Any ideas on if this could work please let me know.

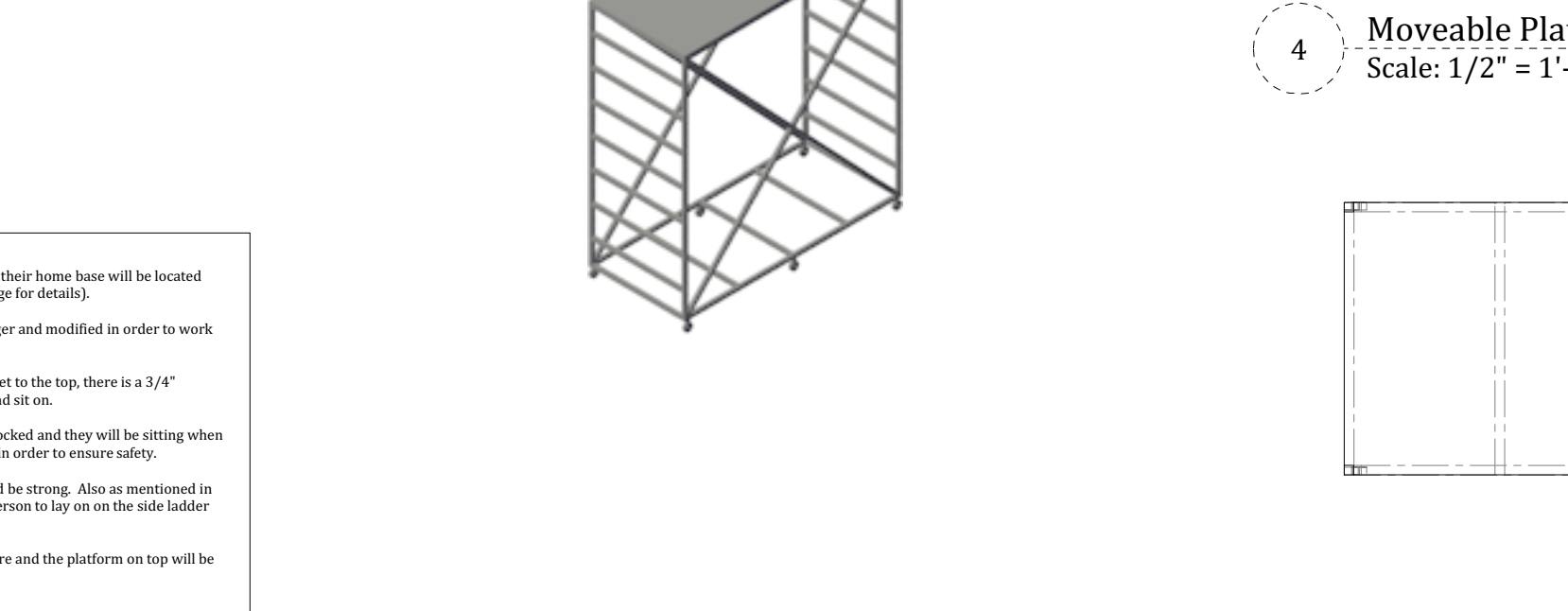
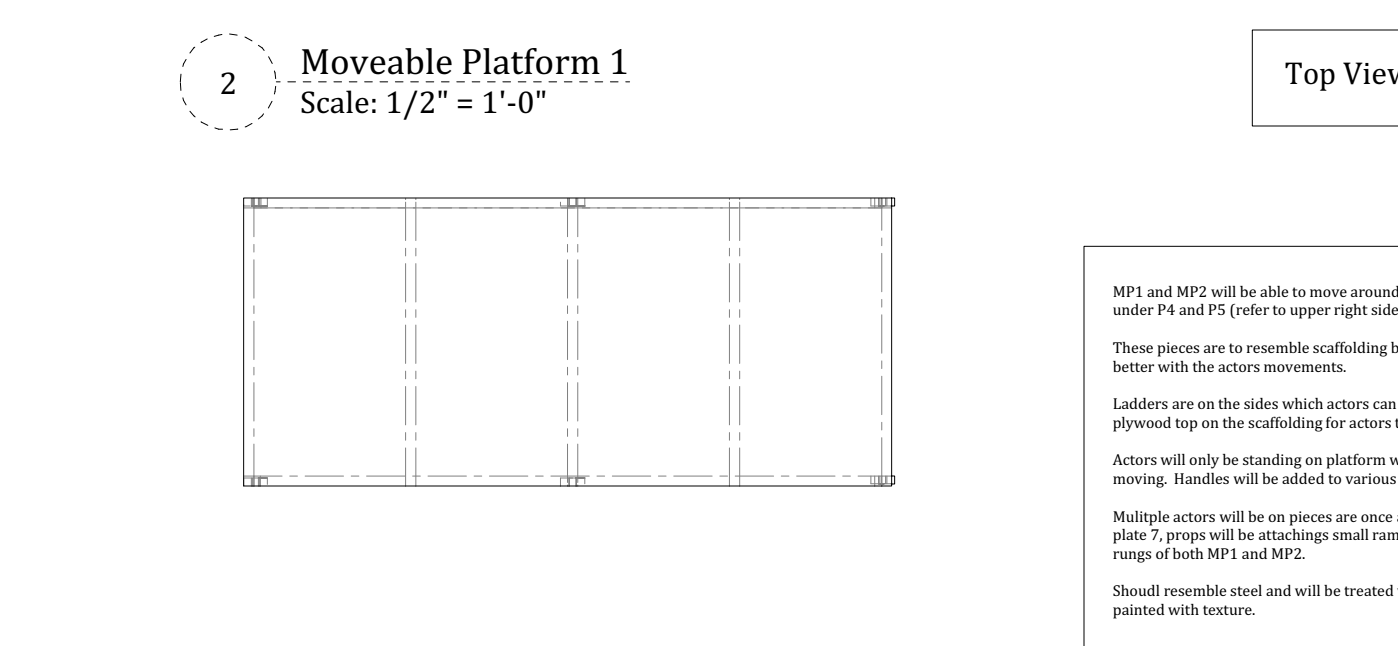
Venue:
The Playhouse
Address:
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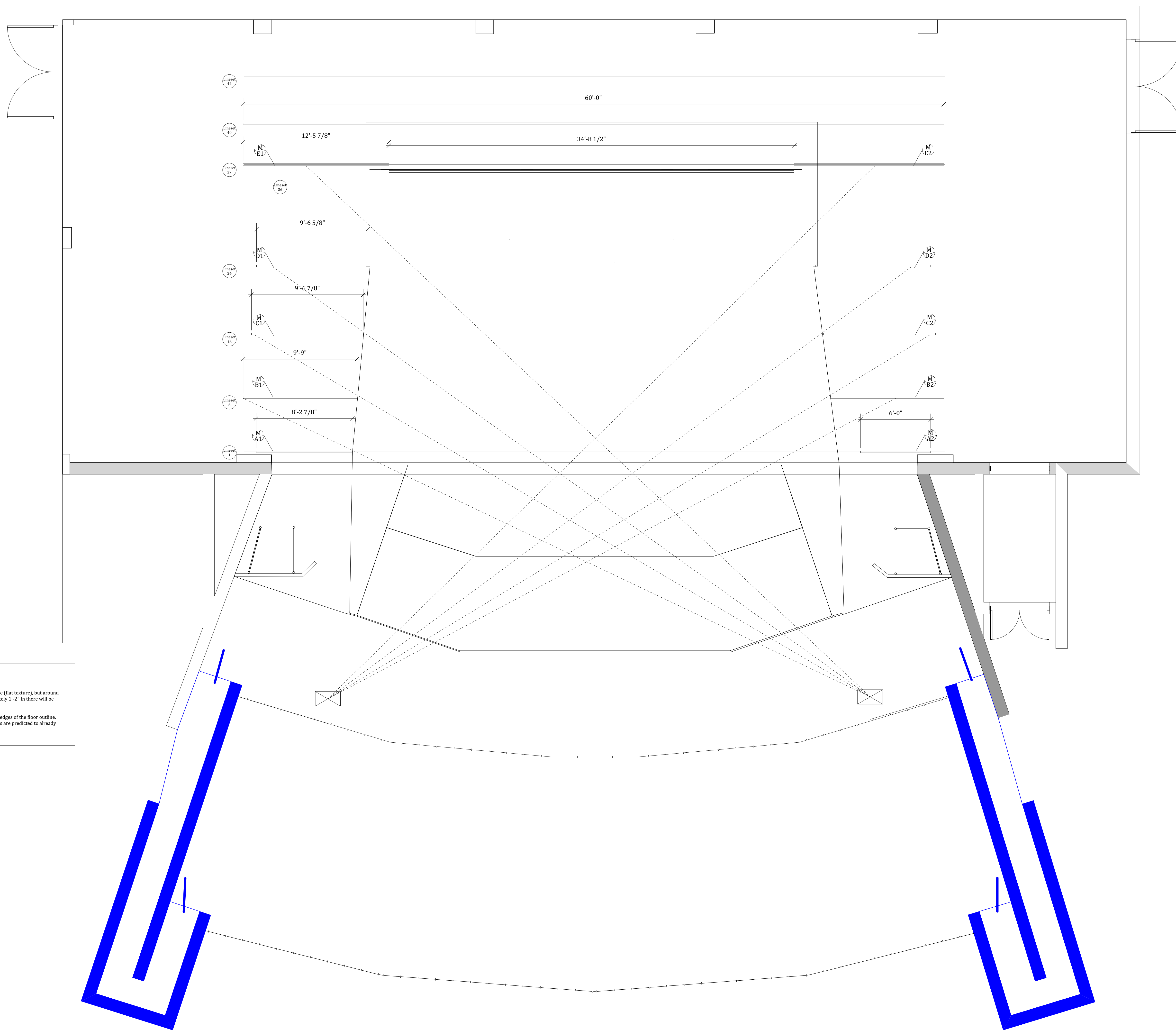


The Moveable Stairs (MS1) will be located at its home base on stage left by P3 (location mentioned on plate 6). The railings around the top would have to be removed in order for the actors to exit the top of the steps onto the platform. The suggested method of doing so would be to have a chain at the top railing on the steps that could be hooked and unhooked when needed. Image to the left shows example of chain. It has three cables if chain could be in replacement of the top railing on the stairs on all three sides. The stairs have bars placed on the front side and back sides in order to have actors have more places to hold on when moving the steps around. Actors would ideally be able to climb on these bars on the sides of the steps. There would be multiple actors on the steps at once and actors will be on them while moving. Wheels will need to be moved with locks for all 6 wheels. The steps are more narrow than typical steps but this is because it follows the same measurements as other moveable stairs and ladders that are sold. This piece will need to be built as one for side do not have enough room at the top for a person to stand and to enter and exit from the steps to the platform. Pieces can be added/moved in order to make the stairs more structurally sound. Currently 1 1/4" box steel.



Key:
- MP = Moveable Platforms
- MP1, MP2
- MS = Moveable Stairs
- MS1
- P = Platform
- P4, P5





Floor outline shown above.
 Floor will be painted with texture (flat texture), but around the edge of the apron approximately 1'-2" in there will be raised texture using paint.
 Props will also be located on the edges of the floor outline. All props except small hand props are predicted to already be existing on stage.

Scenic Designer:
 Abigaile M. Wiker



Company:
PSCS

Production:
American Idiot

Director:
 Erin Farrell Speer

Scenic Designer:
 Abigaile Wiker

Technical Director:
 Chris Swetcky

Plan:
Floor Layout

Sheet Number:
9
 of: 9

Drawn By:
 Abigaile Wiker

Scale:
 1:4

Date:
 10/28/16

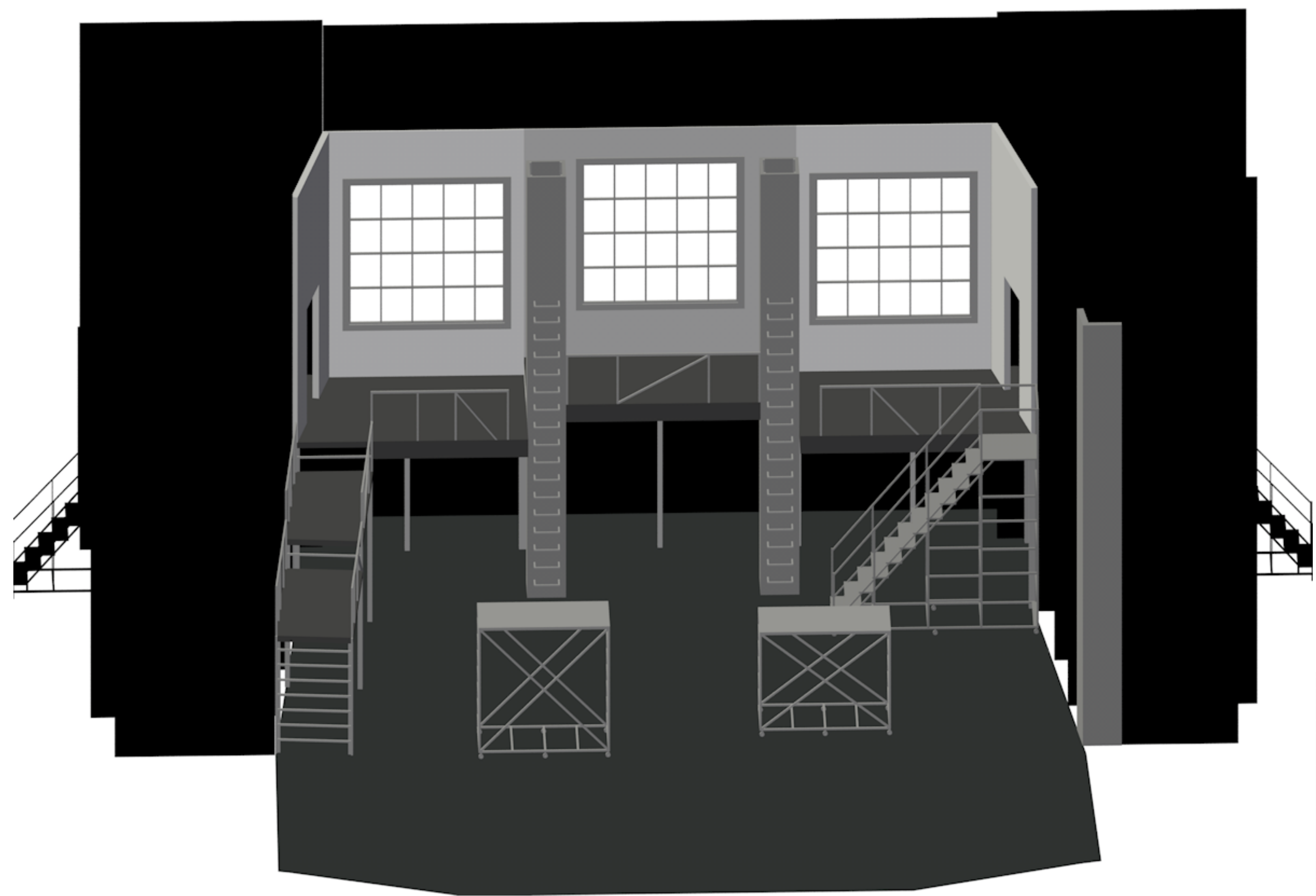
Revision Date:
 11/14/16

Advisor:
 Dan Robinson

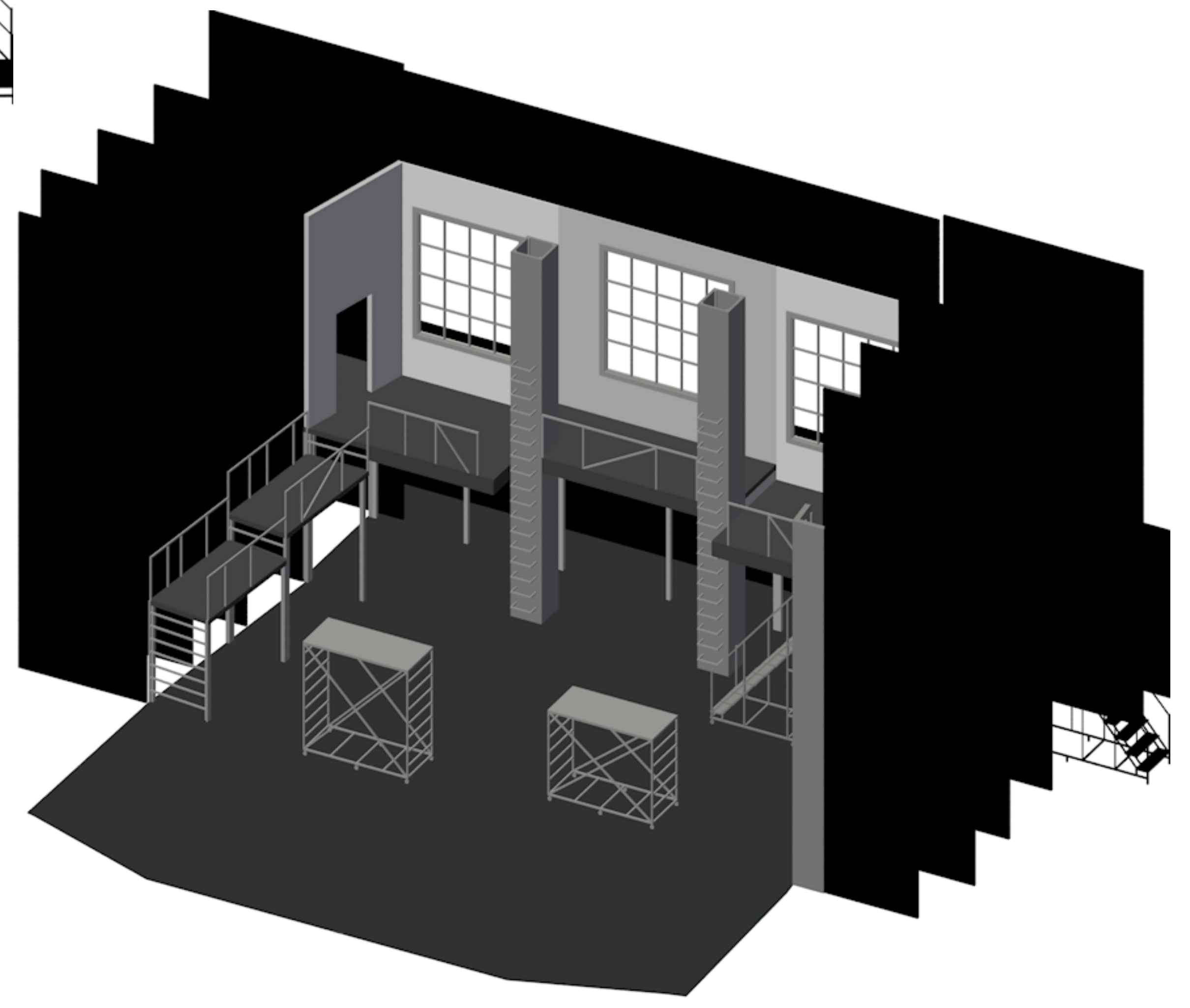
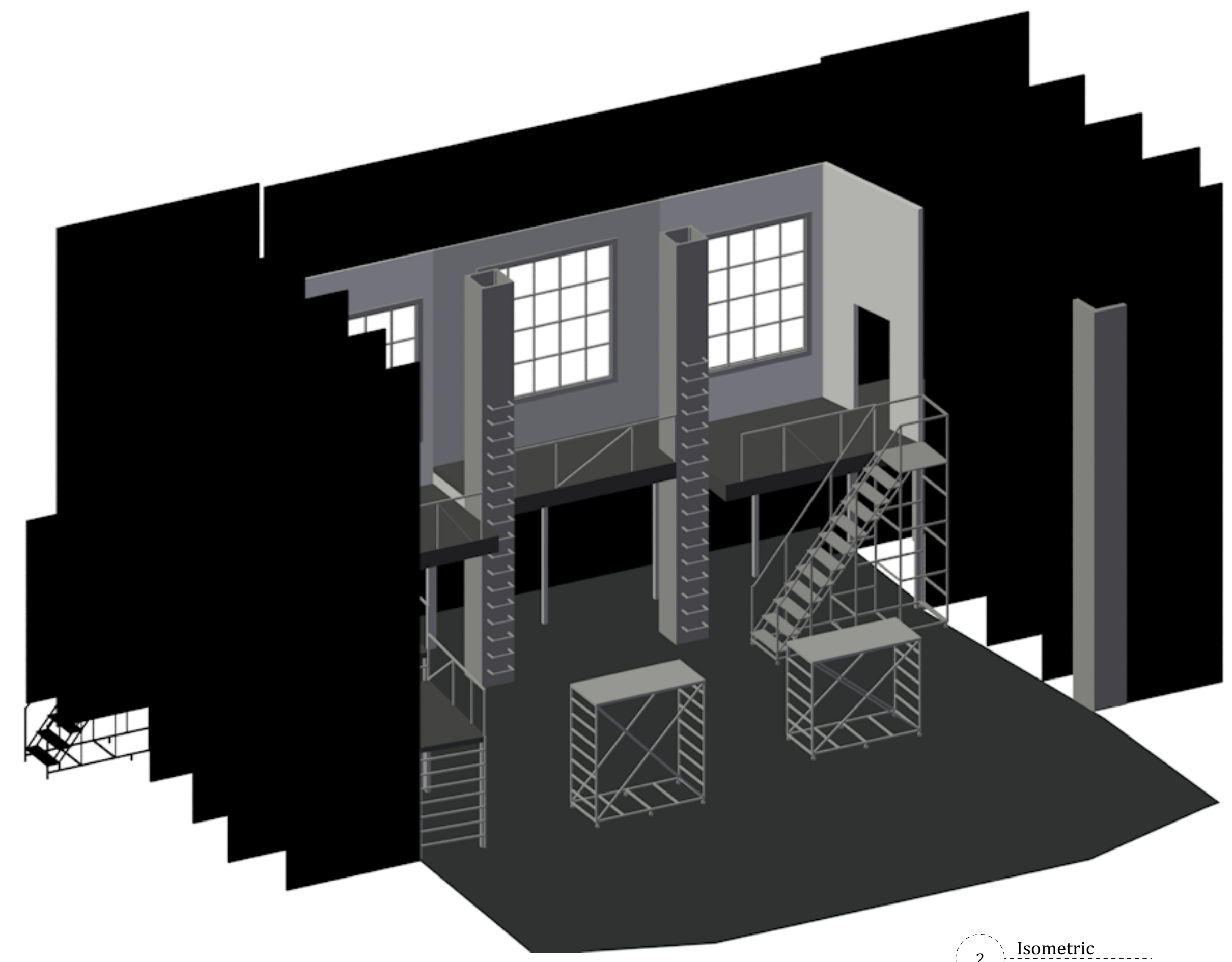
Notes:
 No notes for this page.

Venue:
 The Playhouse
 Address:
 116 Theatre Building, University Park

1 Front Isometric
Scale: 1/4" = 1'-0"



2 Isometric
Scale: 3/16" = 1'-0"



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Scenic Designer:
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Technical Director:
Chris Swetcky

Plan:
3D

Sheet Number:
of: 9

Drawn By:
Abigaile M. Wiker
Scale:
Refer to Individuals
Date:
11/22/2016
Revision Date:
Advisor:
Dan Robinson

Notes:

Venue:
The Playhouse
Address:
116 Theatre Building, University Park