

NOTES

MEDEA

Purdue University  
DEPARTMENT OF THEATRE

Drawing Title:  
Ground Plan

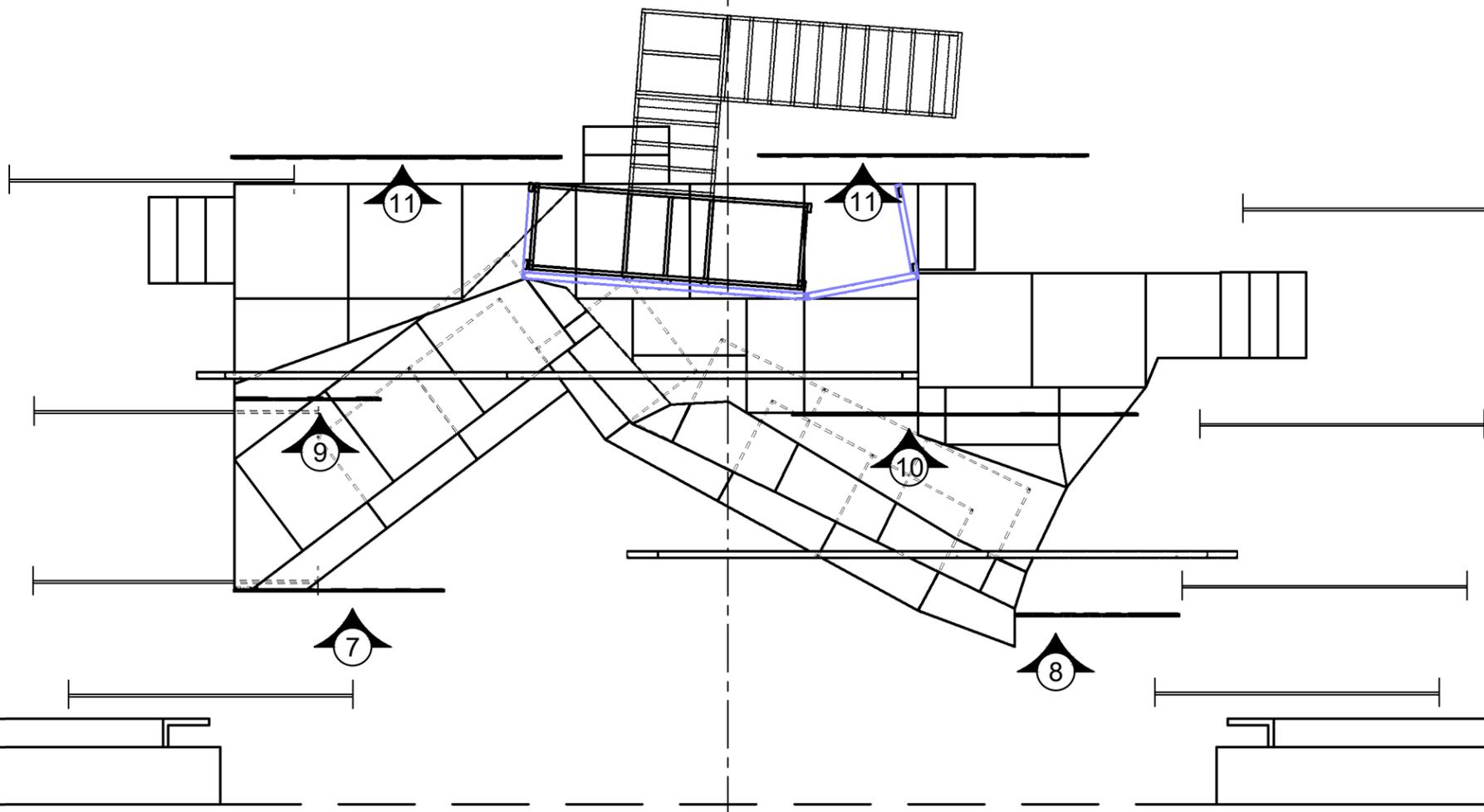
Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 3/16" = 1'

Plate# of XX

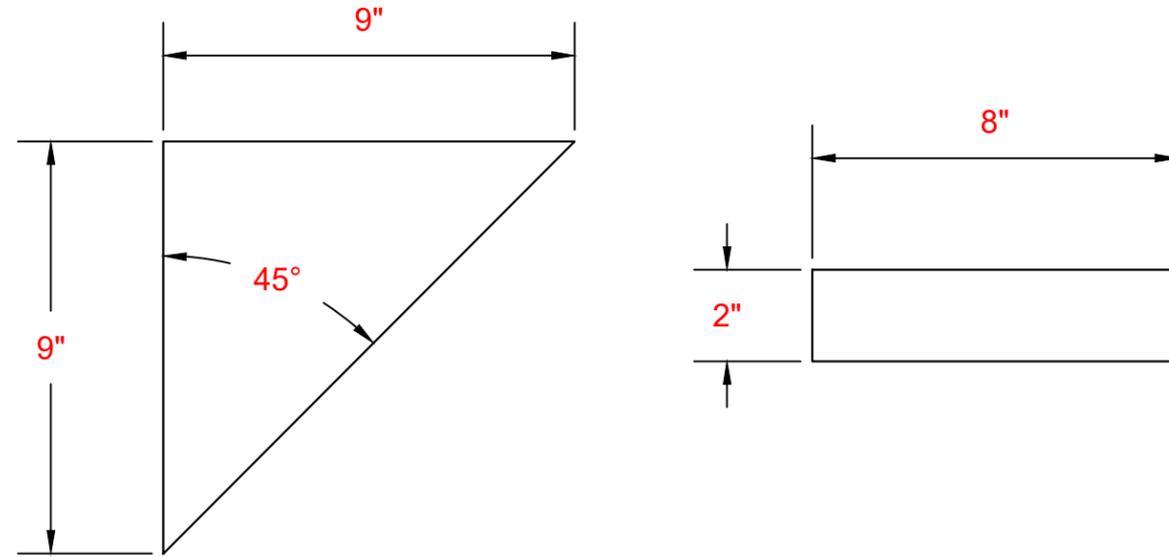
2



36 CYC  
26 Fm (E & F)  
24 SR LEG  
22 SL LEG  
16 Fm (G)  
14 LEG  
8 Fm (D)  
7 LEG  
1 LEG

NOTES

① Typical Corner Block and Strap  
⑥ SCALE: 3" = 1'



NOTE: Made from  $\frac{1}{4}$ " Plywood  
Place  $\frac{3}{4}$ " from the edge of all flats  
when used. Ensure Grain of Corner  
block or Strap is going ACROSS the  
joint. Glue and staple.

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University  
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THEATRE

Drawing Title:

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

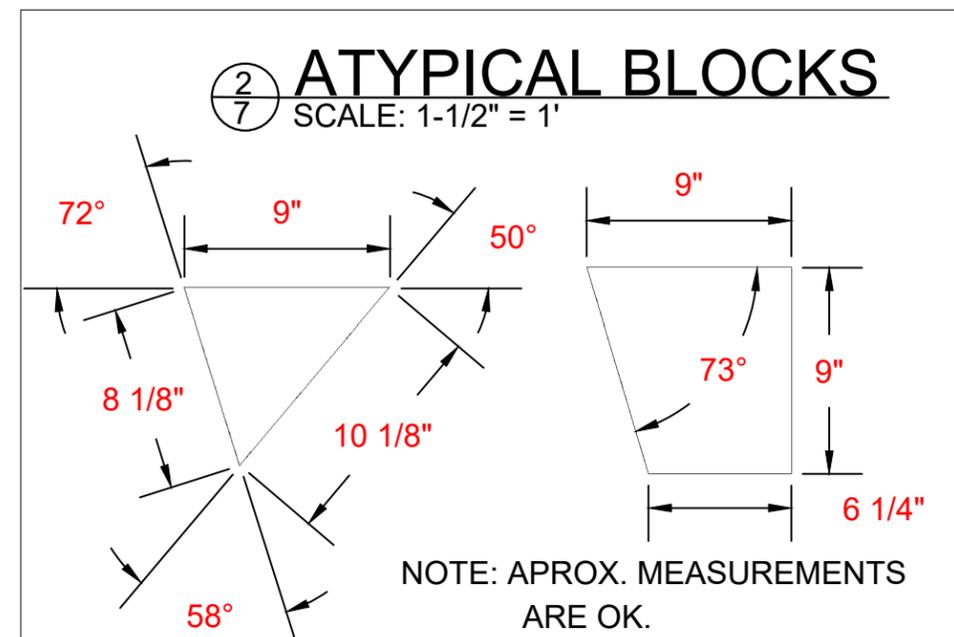
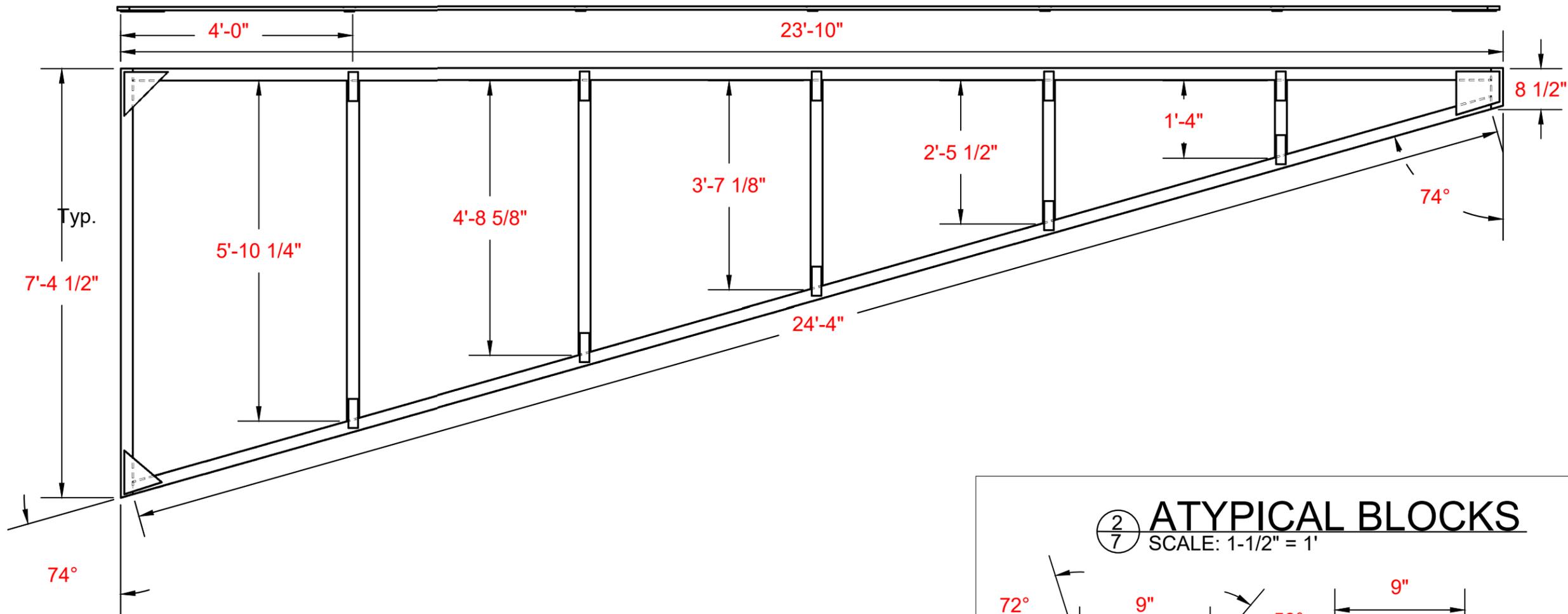
Date: 19-Feb-24 V1.0

Scale: VARIES

Plate# of XX

6

① **SLANTED FLAT 1 SR (A)**  
 SCALE: 1/2" = 1'  
 BACK VIEW



- Constructed from 1x6 ripped to 2 - 1/2"
- Join where needed to create +16' lengths
- Use typical corner blocks and straps except where indicated.
- Place all corner blocks and straps 3/4" from the edge with grain going ACROSS the joint.

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Drawing Title:  
 SLANTED FLAT SR 1 (A)

Director:  
 Claire Mason  
 Scenic Designer:  
 Ryan Douglass  
 Technical Director:  
 Adam Gillette

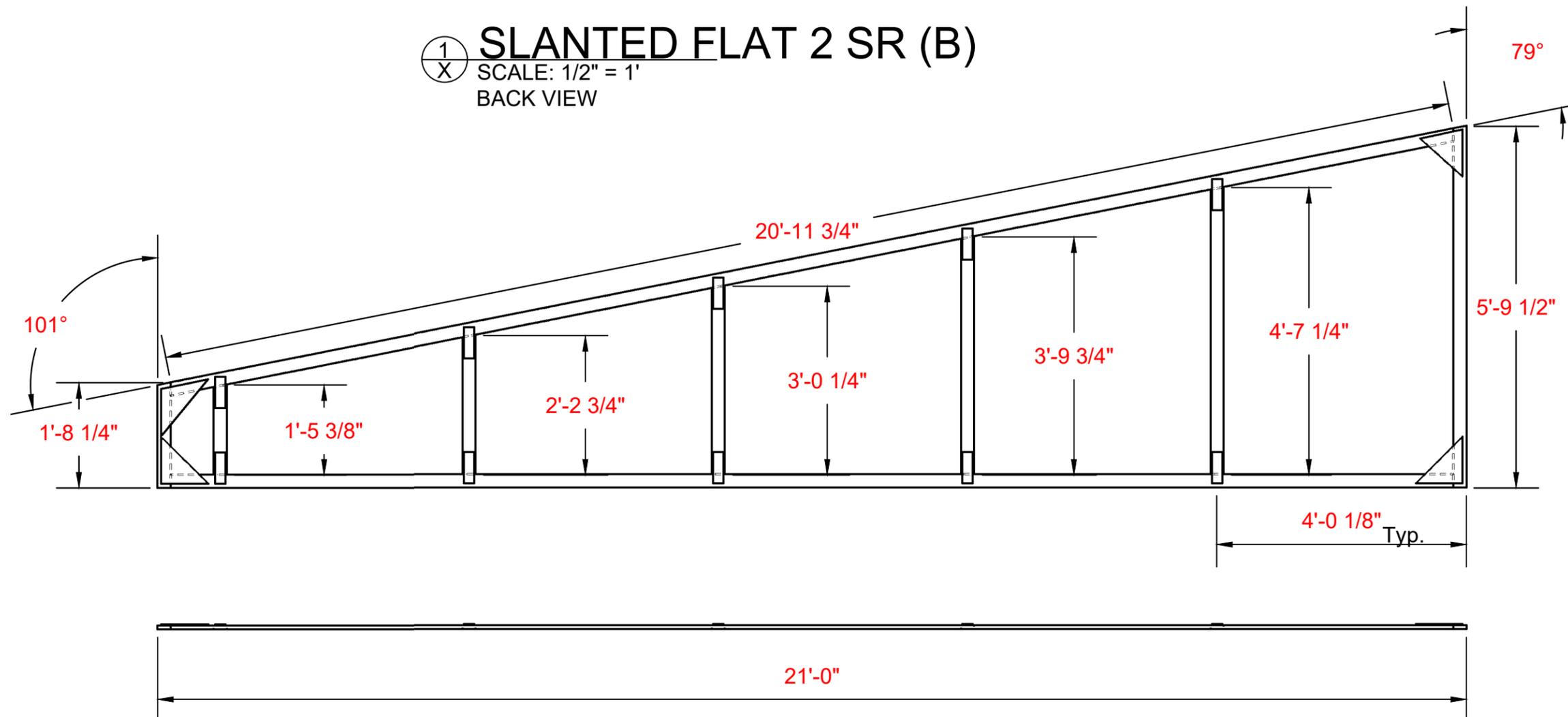
Date: 1-Oct-23 V1.0

Scale: VARIES

Plate# of XX

07

① SLANTED FLAT 2 SR (B)  
 SCALE: 1/2" = 1'  
 BACK VIEW



- Constructed from 1x6 ripped to 2 - 1/2"
- Join where needed to create +16' lengths
- Use typical corner blocks and straps except where indicated.
- Place all corner blocks and straps 3/4" from the edge with grain going ACROSS the joint.

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Drawing Title:  
 Slanted Flat 2 SR (B)

Director:  
 Claire Mason  
 Scenic Designer:  
 Ryan Douglass  
 Technical Director:  
 Adam Gillette

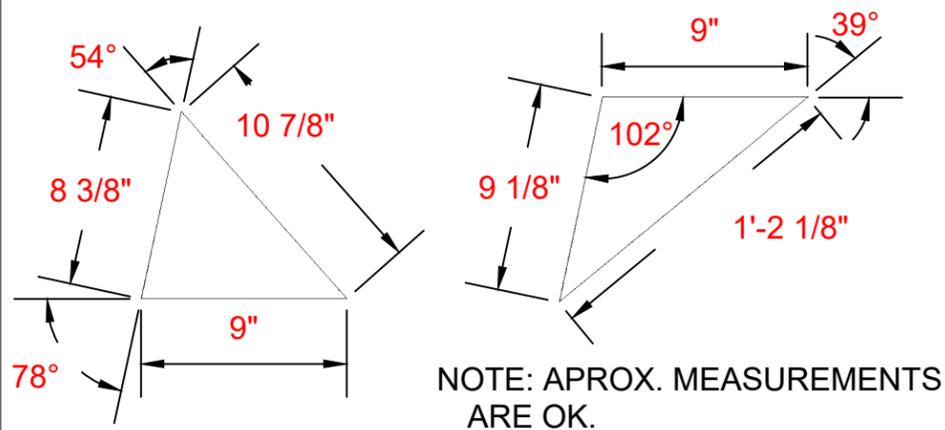
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Scale: VARIES

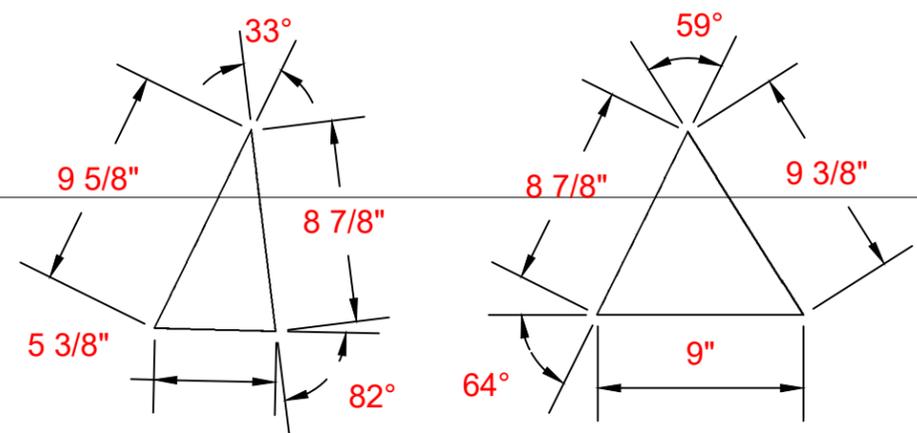
Plate# of XX

08

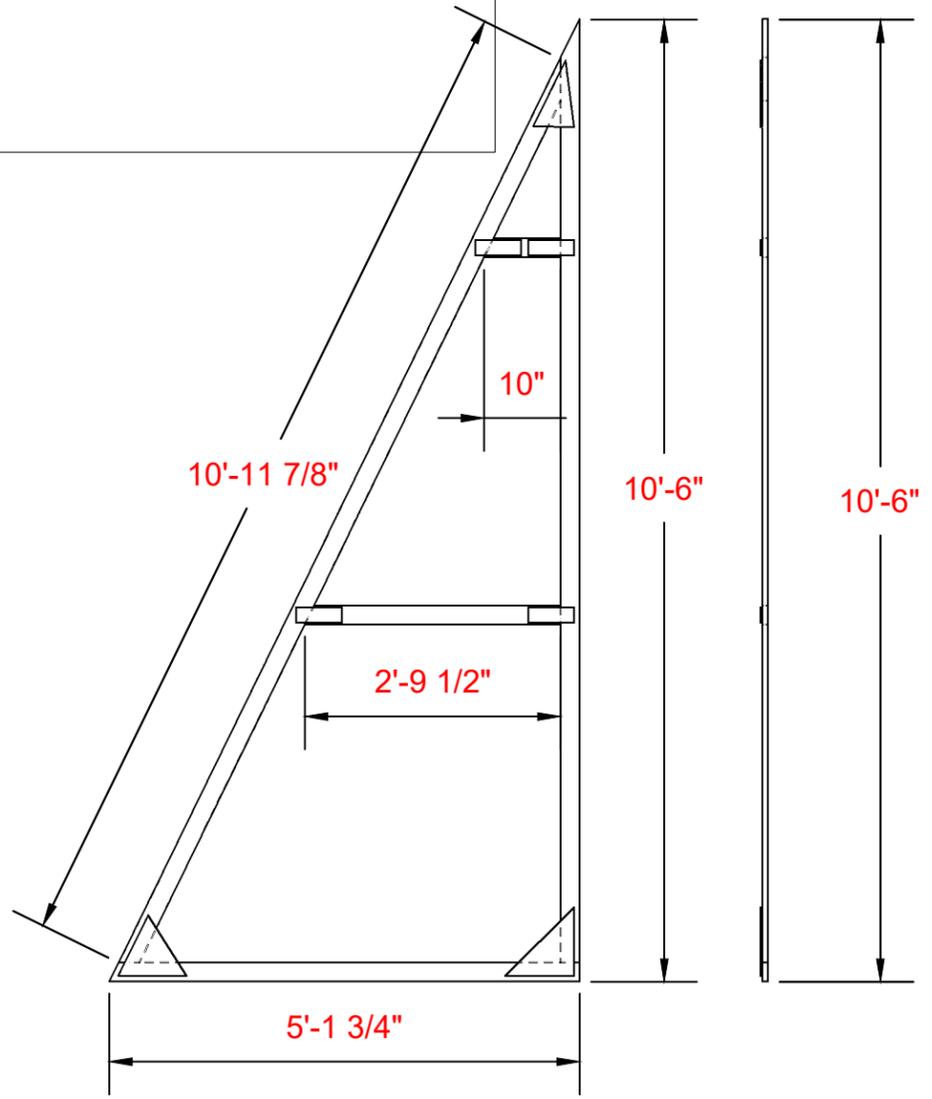
② ATYPICAL BLOCKS  
 SCALE: 1-1/2" = 1'



**2** ATYPICAL BLOCKS  
 9 SCALE: 1-1/2" = 1'



**1** BACK  
 9 SCALE: 1/2" = 1'



NOTE: APROX. MEASUREMENTS  
 ARE OK.

- Construct from 1x6 ripped to 2 - 1/2"
- Join where needed to create +16' lengths
- Use typical corner blocks and straps except where indicated.
- Place all corner blocks and straps 3/4" from the edge with grain going ACROSS the joint.

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Drawing Title:  
 Slanted Flat 1 SL (C)

Director:  
 Claire Mason

Scenic Designer:  
 Ryan Douglass

Technical Director:  
 Adam Gillette

Date: 19-Feb-24 V1.0

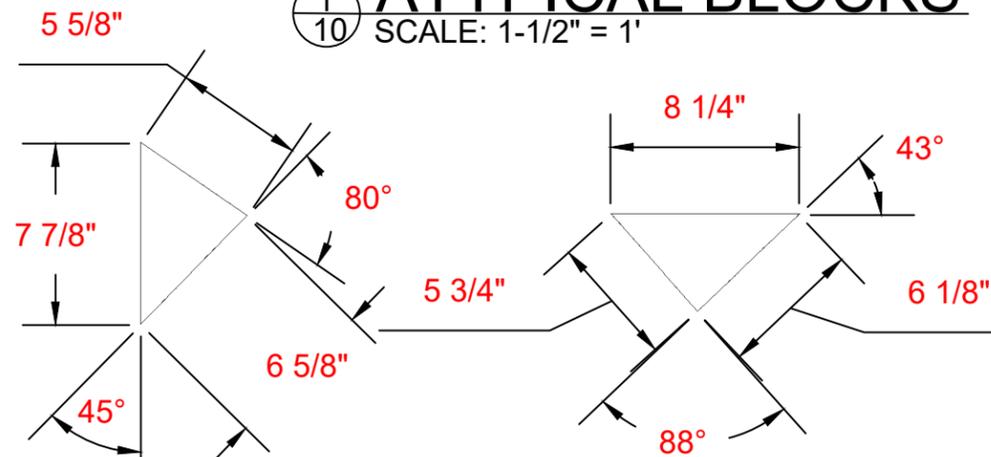
Scale: VARRIES

Plate# of XX

**09**

1  
10 **ATYPICAL BLOCKS**

SCALE: 1-1/2" = 1'



NOTE: APROX. MEASUREMENTS  
ARE OK.

- Construct from 1x6 ripped to 2 - 1/2"
- Join where needed to create +16' lengths
- Use typical corner blocks and straps except where indicated.
- Place all corner blocks and straps 3/4" from the edge with grain going ACROSS the joint.

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Drawing Title:  
Slanted Flat 2 SL (D)

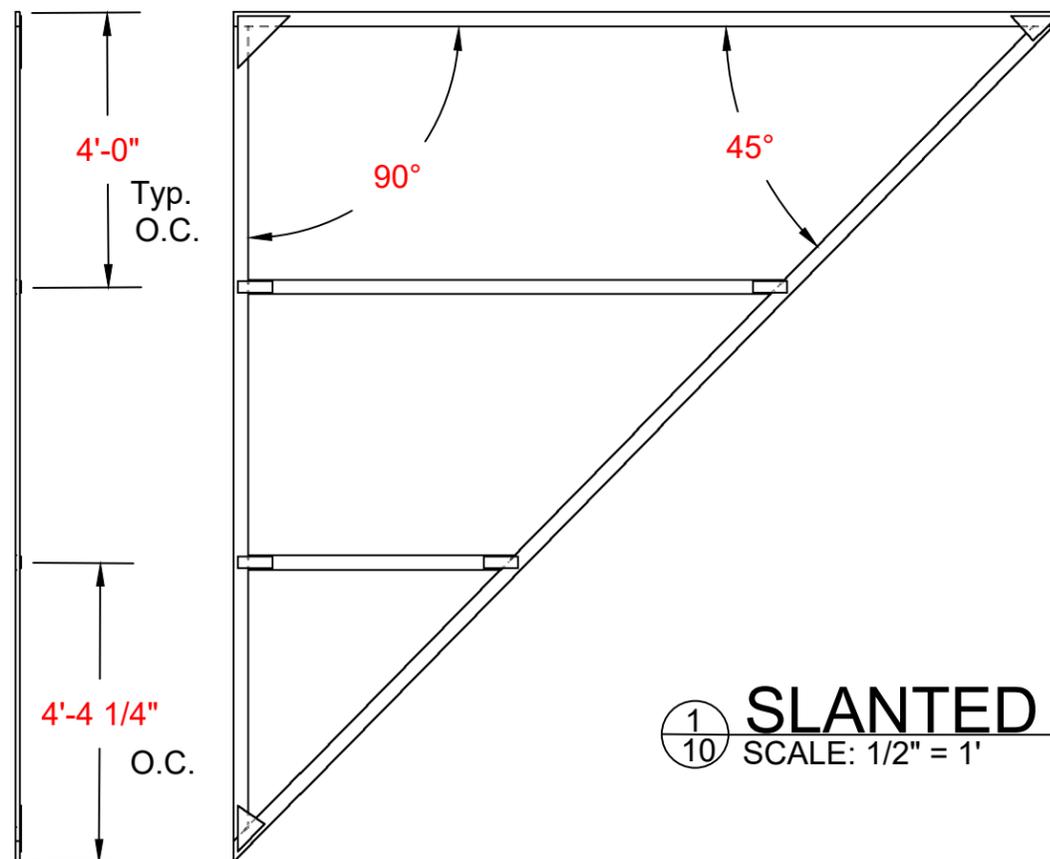
Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: VARIES

Plate# of XX

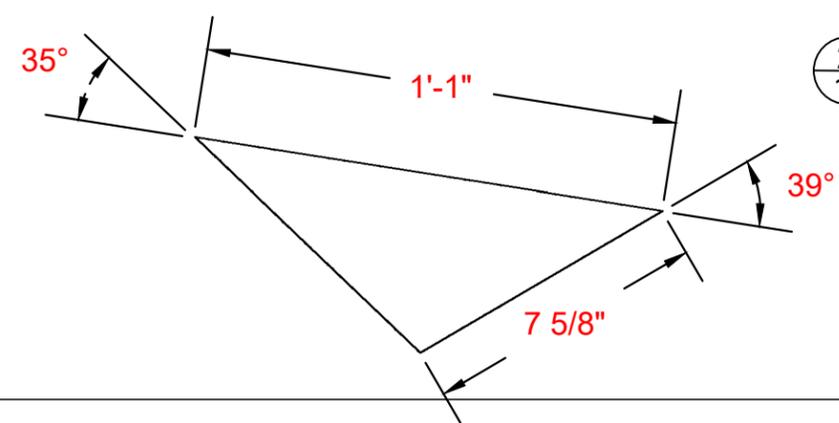
**10**



1  
10 **SLANTED FLAT 2 SL (D)**

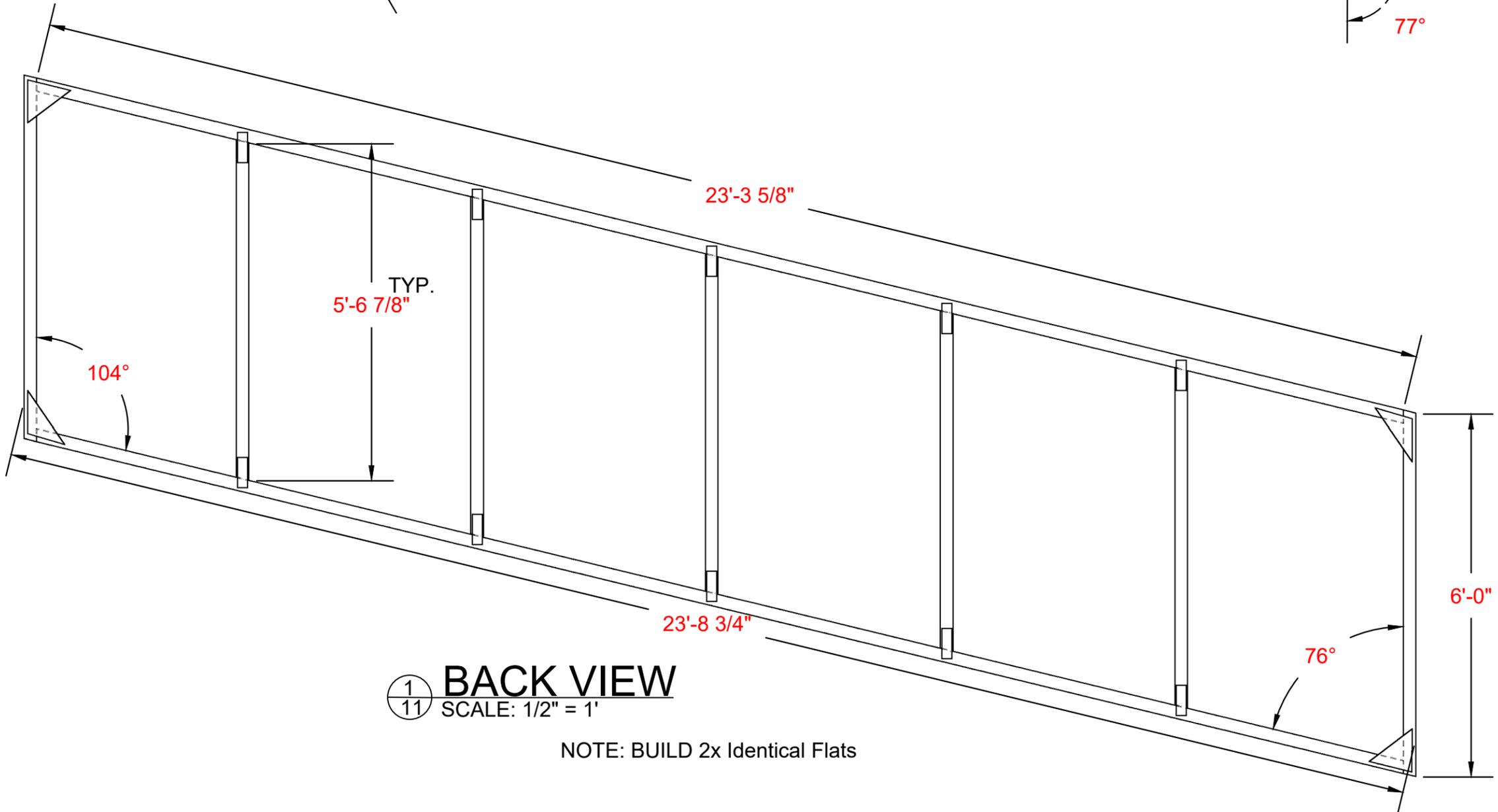
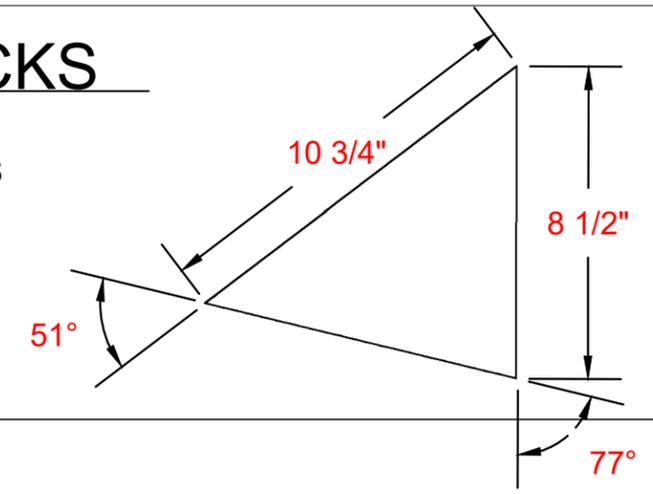
SCALE: 1/2" = 1'

- Constructed from 1x6 ripped to 2 - 1/2"
- Join where needed to create +16' lengths
- Place all corner blocks and straps 3/4" from the edge with grain going ACROSS the joint.
- BUILD 2



**2**  
**11** **ATYPICAL BLOCKS**  
SCALE: 1-1/2" = 1'

NOTE: APROX. MEASUREMENTS ARE OK.



**1**  
**11** **BACK VIEW**  
SCALE: 1/2" = 1'

NOTE: BUILD 2x Identical Flats

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DEPARTMENT OF THEATRE

Drawing Title:  
Backing Flat SL 1 & 2 (E) & (F)

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

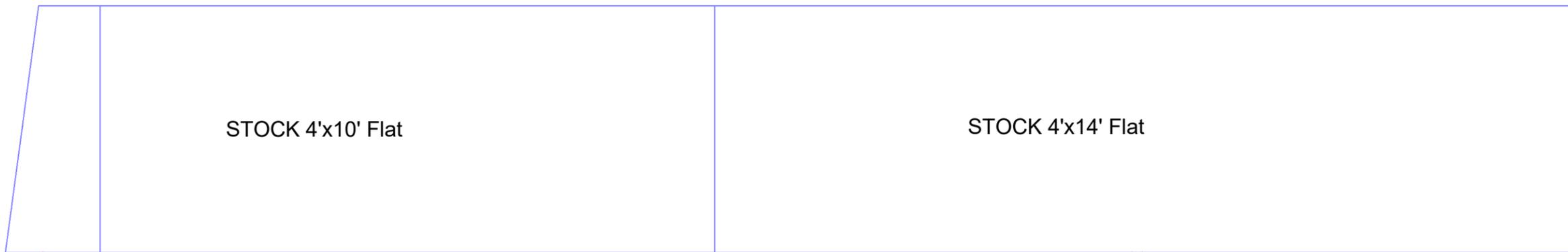
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Plate# of XX

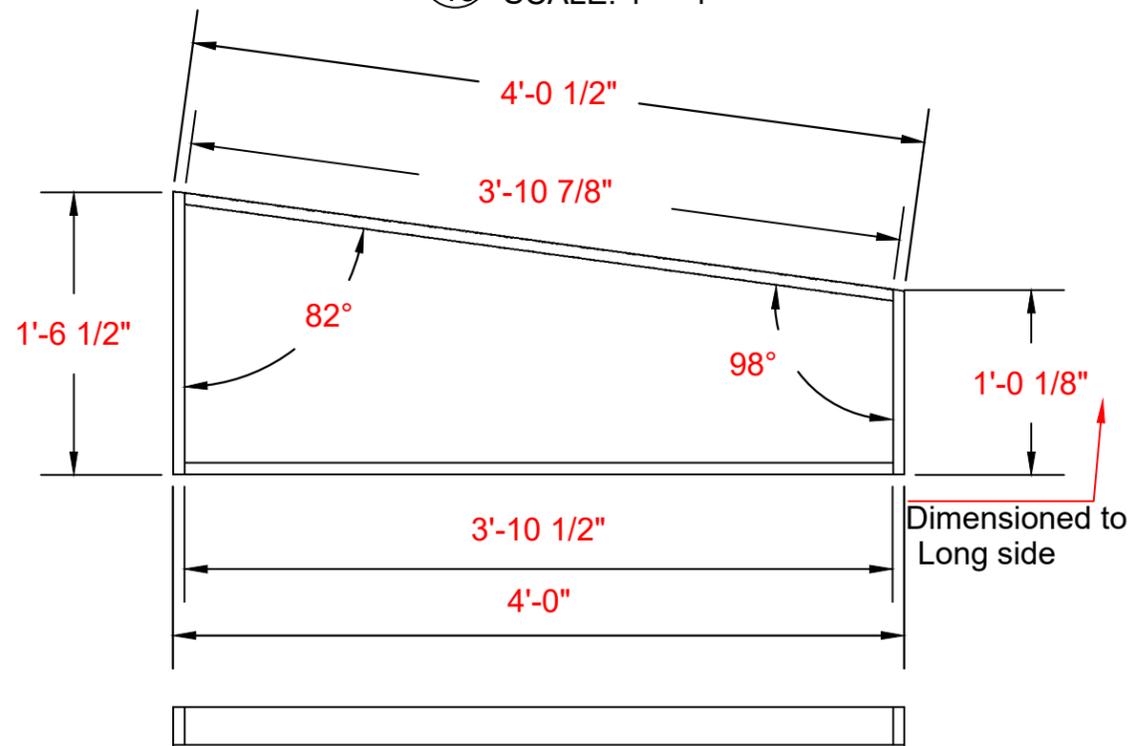
**11**

① **Hanging Flat SR (G) Assembled**  
 13 SCALE: 1/2" = 1'



Flat Details Below

② **BACK VIEW**  
 13 SCALE: 1" = 1'



NOTE: Build with 1x3 Hollywood style.  
 Cover with 1/4" Luan.  
 Attach all flats together on load in.

Pull Stock flats from stock.  
 Build plug from 1x3 Hollywood style.  
 Attach flats together with bolts on load in.

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Drawing Title:  
 Hanging Flat SR (G)

Director:  
 Claire Mason  
 Scenic Designer:  
 Ryan Douglass  
 Technical Director:  
 Adam Gillette

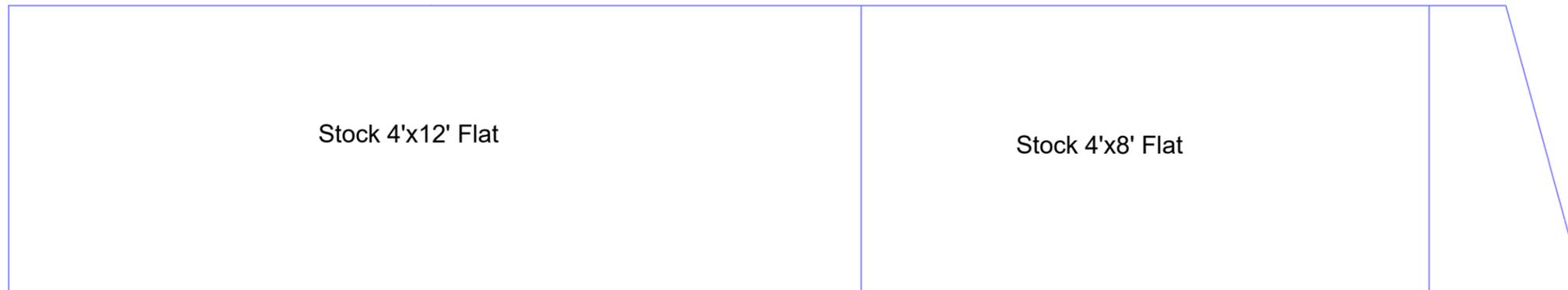
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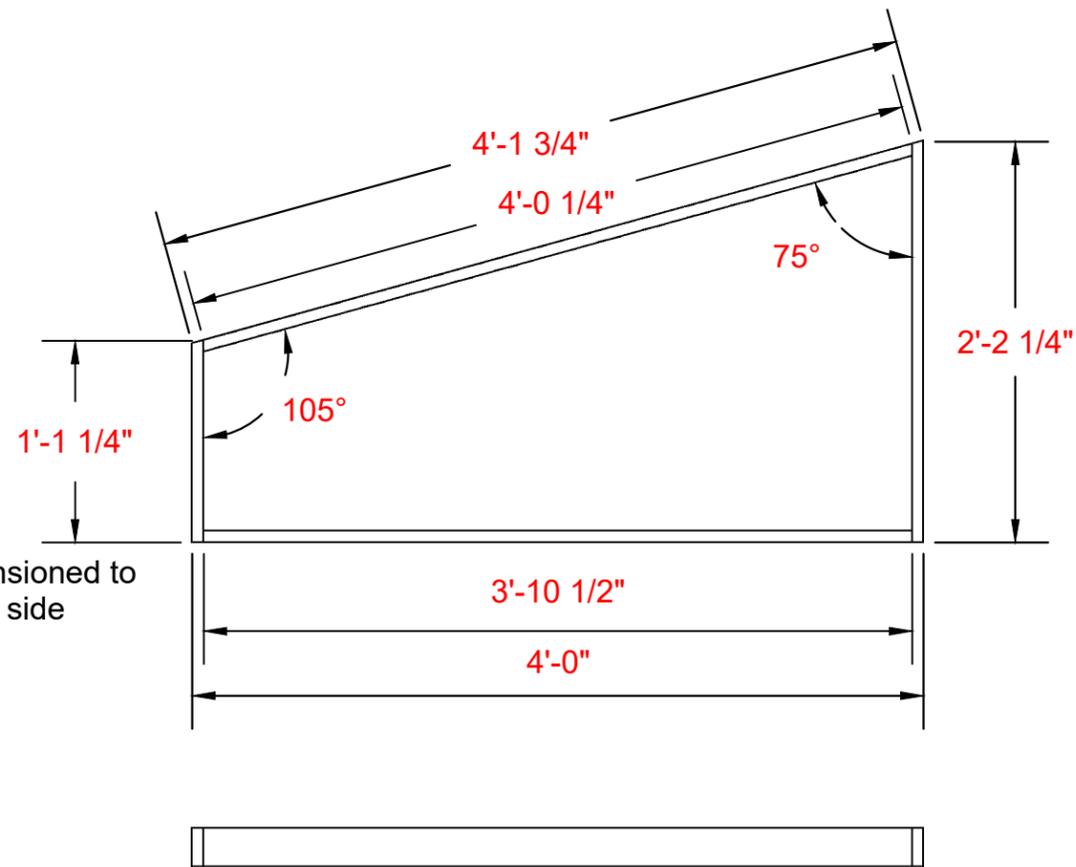
Plate# of XX

13

① **Hanging Flat SL (H) Assembled**  
 14 SCALE: 1/2" = 1'



② **BACK VIEW**  
 14 SCALE: 1" = 1'



Flat Detailed Below

NOTE: Build with 1x3 Hollywood style.  
 Cover with 1/4" Luan.  
 Attach all flats together on load in.

Pull Stock flats from stock.  
 Build plug from 1x3 Hollywood style.  
 Attach flats together with bolts on load in.

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Drawing Title:  
 Hanging Flat SL (H)

Director:  
 Claire Mason  
 Scenic Designer:  
 Ryan Douglass  
 Technical Director:  
 Adam Gillette

Date: 19-Feb-24 V1.0

Scale: VARIES

Plate# of XX

**14**

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Drawing Title:  
FLAT C1

Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 3/4" = 1'

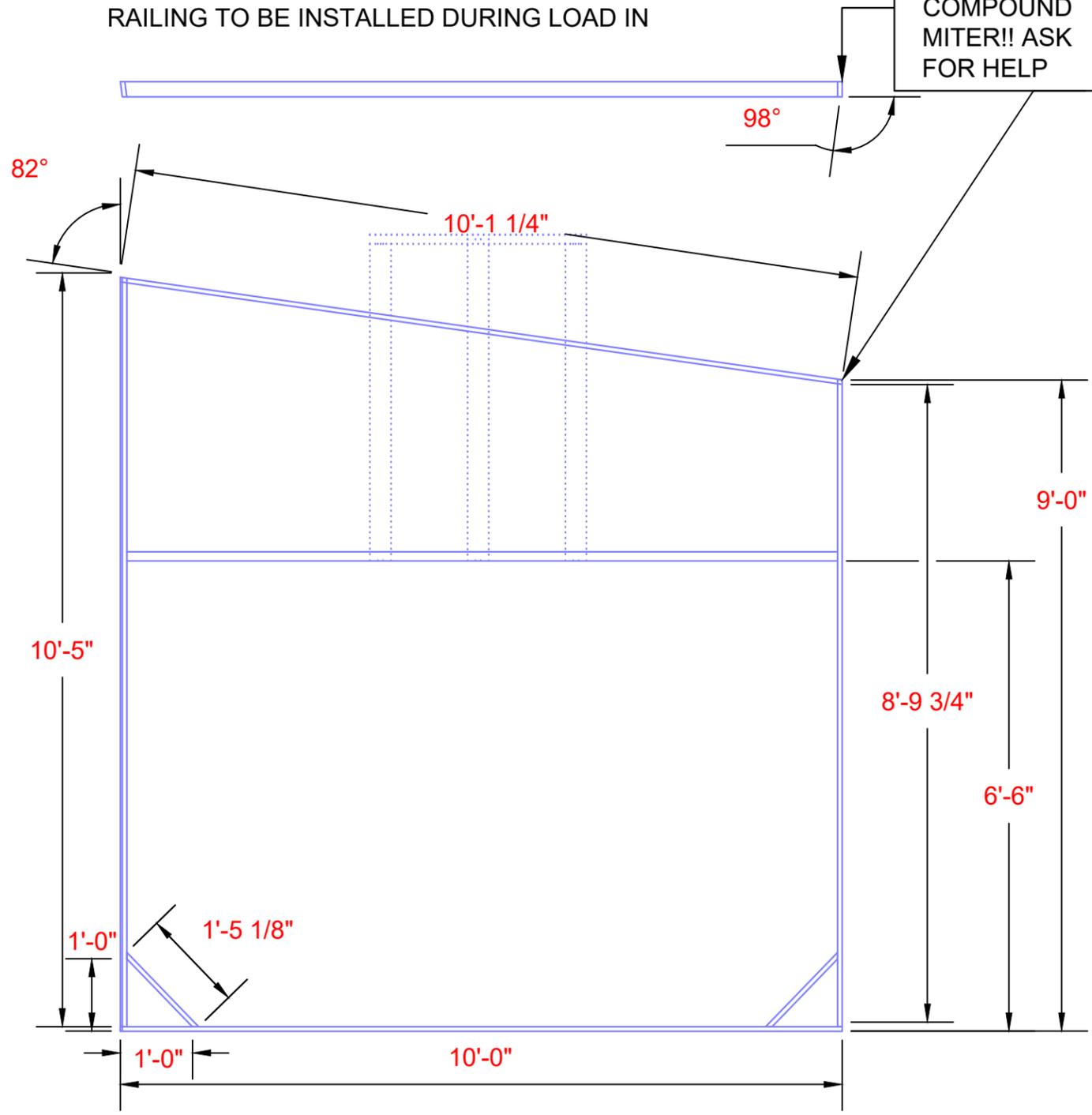
Plate# of XX

15

1  
15 **FLAT C1**

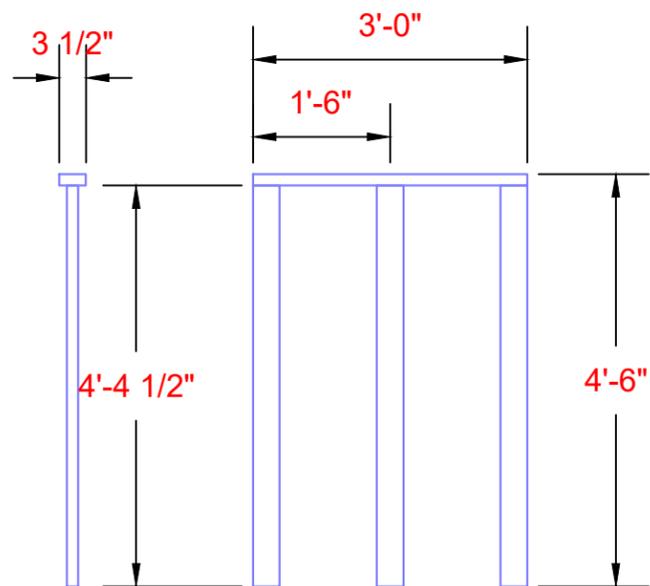
SCALE: 1/2" = 1'  
BUILD WITH 1X3 HOLLYWOOD STYLE  
CENTER STILE IS 2X4  
COVER WITH MUSLIN AND WRAP AROUND THE EDGES  
RAILING TO BE INSTALLED DURING LOAD IN

NOTE: THIS CUT WILL BE A COMPOUND MITER!! ASK FOR HELP



2  
15 **FLAT C1 RAILING**

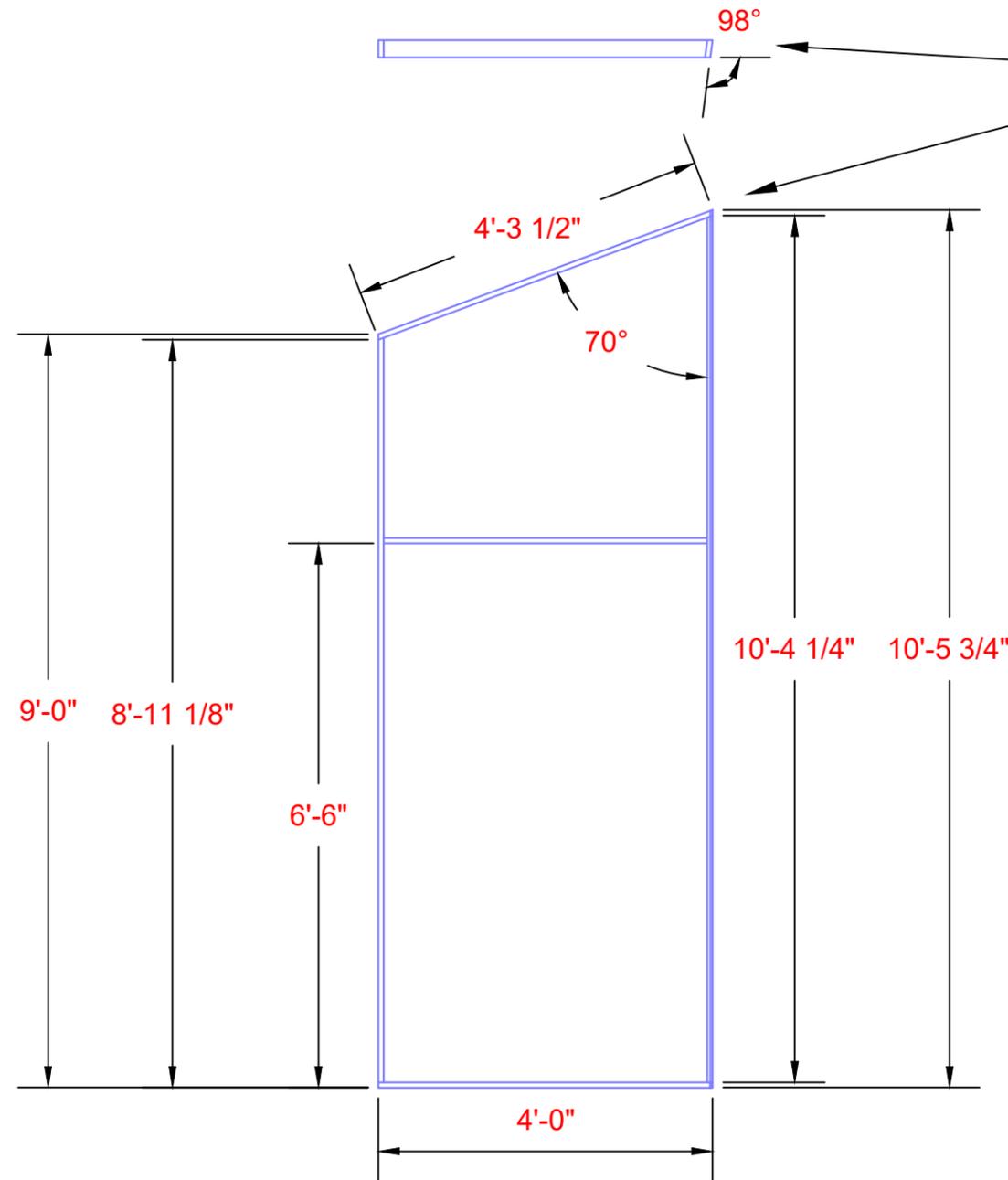
SCALE: 1/2" = 1'  
RAILING TO BE ATTACHED ON LOAD IN  
ATTACH SCRAP TO BOTTOM TO KEEP FROM GETTING BROKEN



BACK

① **FLAT C2**  
 SCALE: 1/2" = 1'  
 BUILD WITH 1X3 HOLLYWOOD STYLE  
 COVER WITH MUSLIN WRAP AROUND THE SIDES

NOTE: THIS CUT WILL BE A COMPOUND MITER!! ASK FOR HELP



BACK

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 DEPARTMENT OF THEATRE

Drawing Title:  
 FLAT C2

Director:  
 Claire Mason

Scenic Designer:  
 Ryan Douglass

Technical Director:  
 Adam Gillette

Date: 19-Feb-24 V1.0

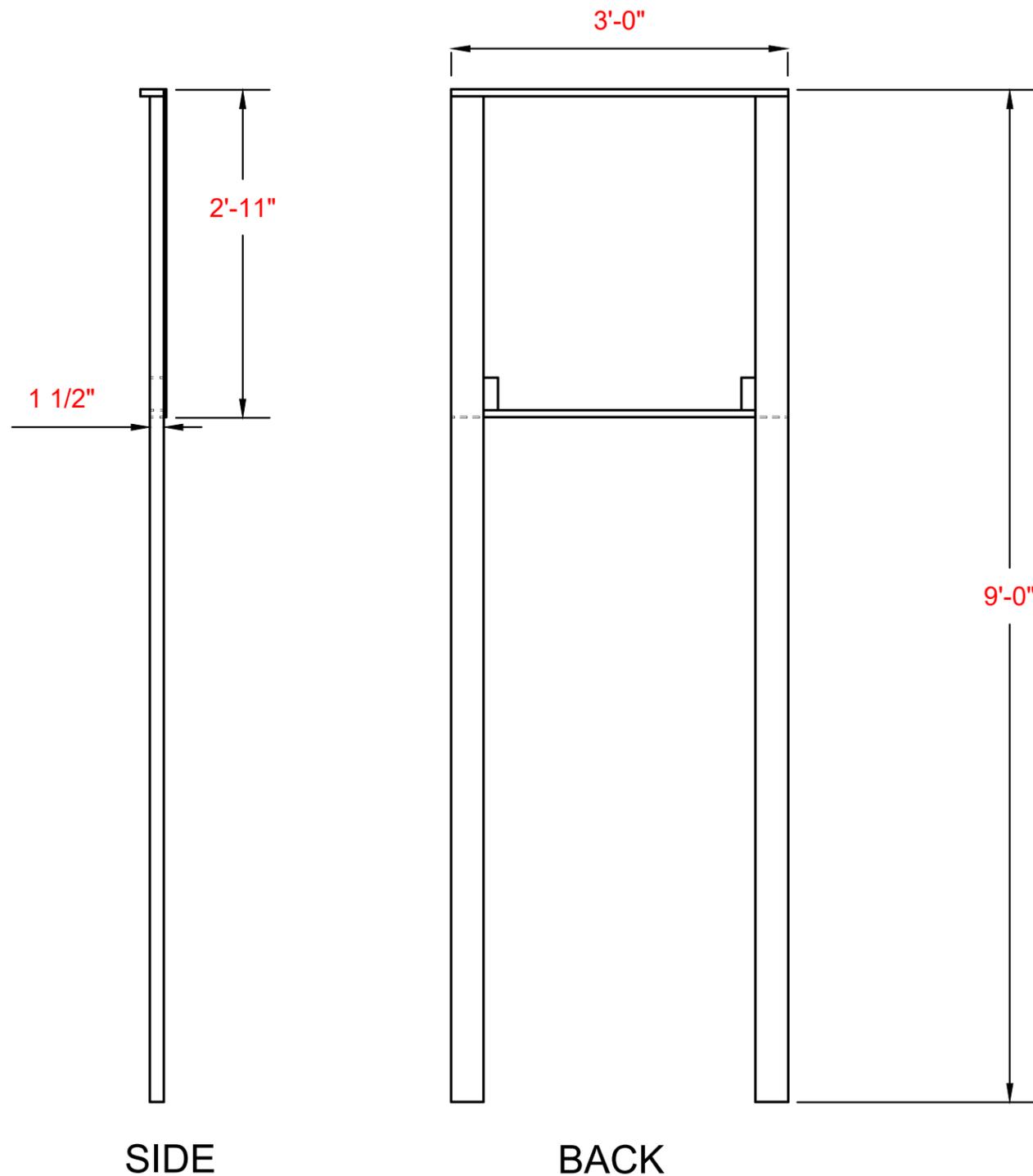
Scale: 3/4" = 1'

Plate# of XX

16

① 15 **SL/SR SIDE FLAT (J),(H)**

SCALE: 3/4" = 1'  
 VERTICAL MEMBERS ARE 2X4  
 TOP IS 1X3  
 BOTTOM IS 1X3 RIPPED TO (3/4 X 1-1/2")  
 USE 2X4 BLOCKS TO ATTACH BOTTOM TO 2X4'S  
 COVER UPPER SECTION WITH LUAN  
 BUILD 2X



BUILD 2XNOTES

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Drawing Title:  
 SL/SR SIDE FLAT  
 (J),(H)

Director:  
 Claire Mason

Scenic Designer:  
 Ryan Douglass

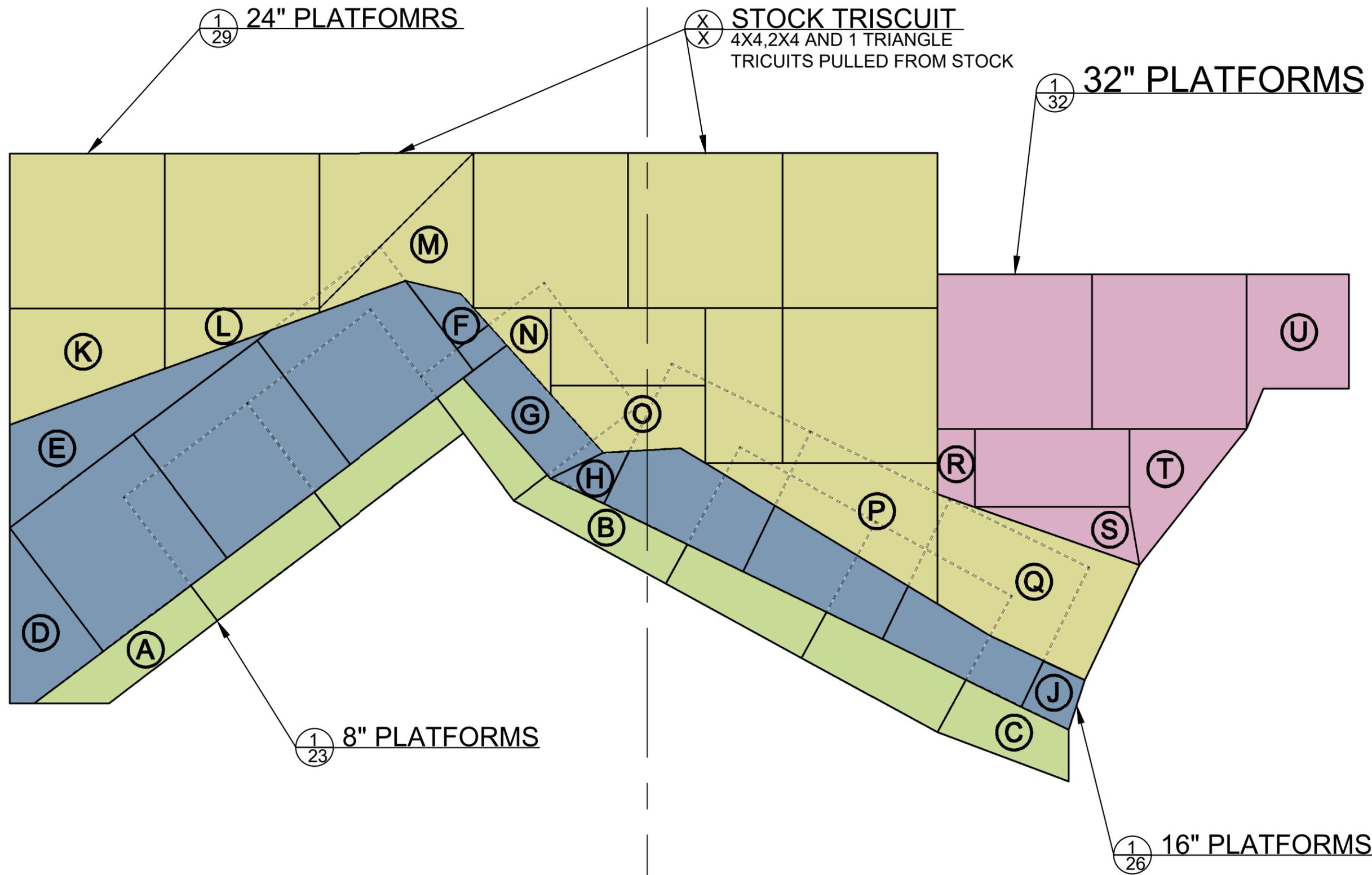
Technical Director:  
 Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 3/4" = 1'

Plate# of XX

17



All labeled platforms are custom made plugs detailed in the following plates. All unlabeled platforms are Stock triscuits.

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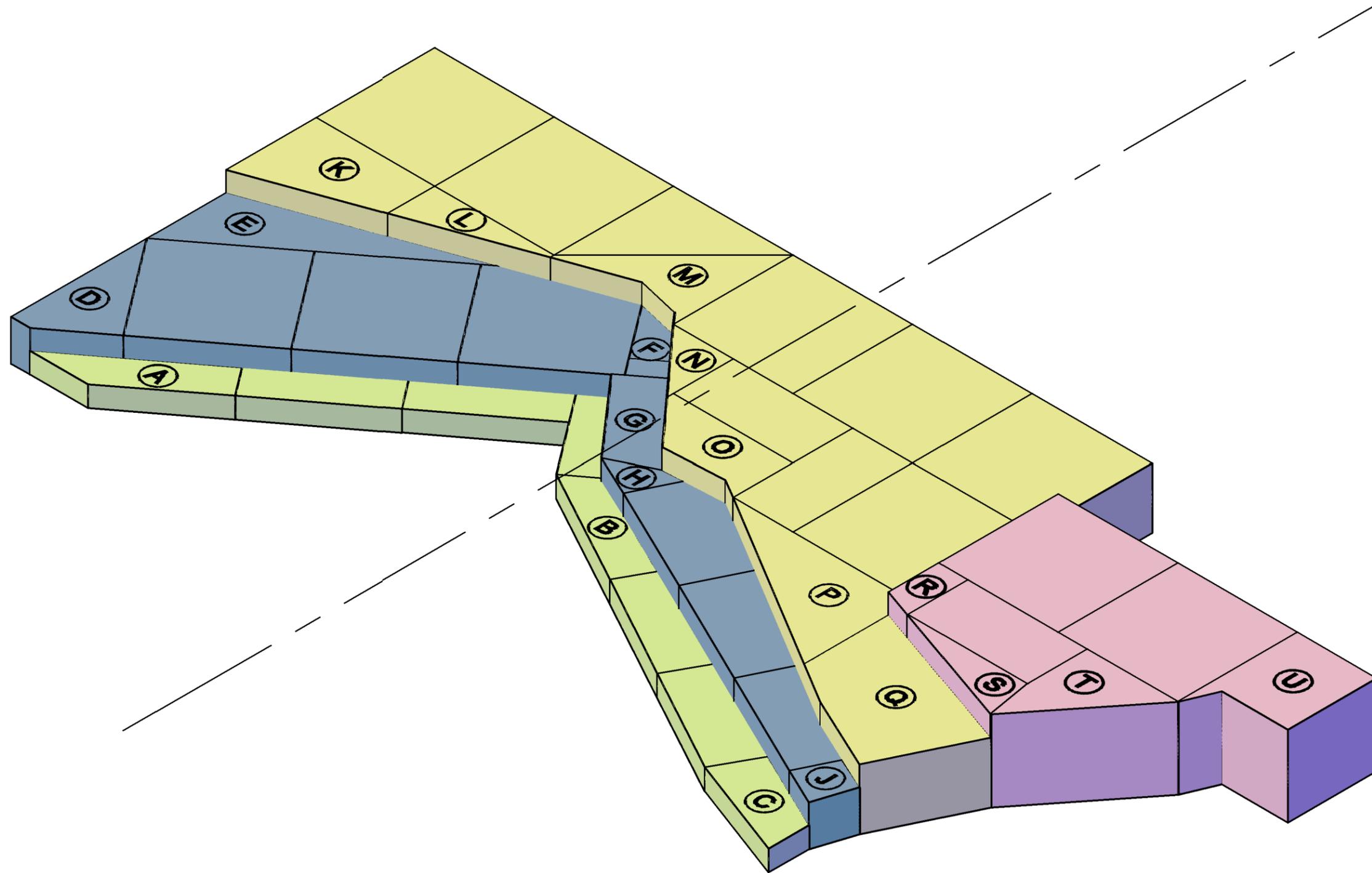
Drawing Title:  
Platform Ground Plan

Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 3/8" = 1'

Plate# of XX



NOTES

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THEATRE

Drawing Title:  
Platform Isometric View

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

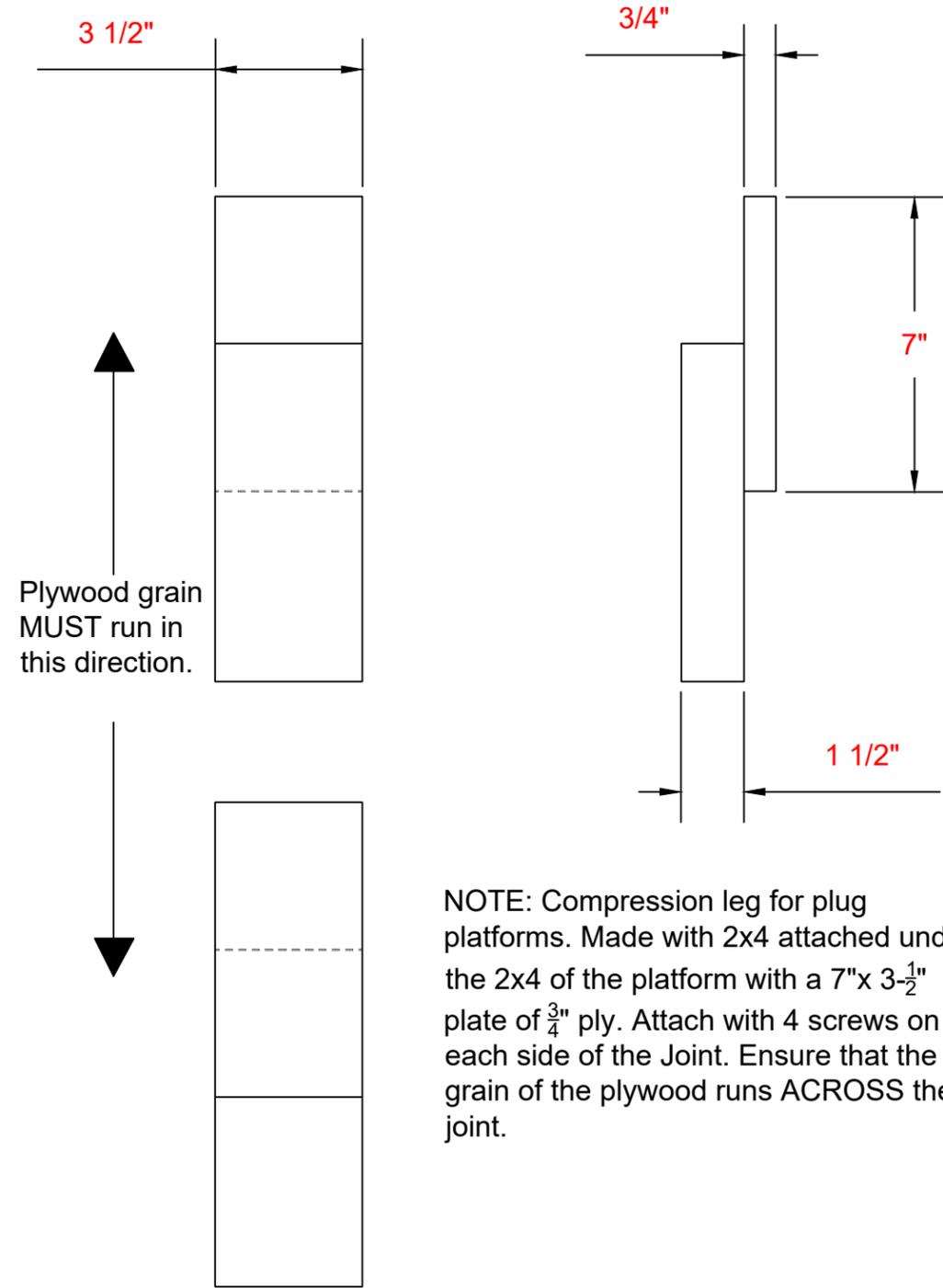
Date: 19-Feb-24 V1.0

Scale: 3/8" = 1'

Plate# of XX

20

① Compression Leg  
 21 SCALE: 3" = 1'



NOTE: Compression leg for plug platforms. Made with 2x4 attached under the 2x4 of the platform with a 7"x 3-1/2" plate of 3/4" ply. Attach with 4 screws on each side of the joint. Ensure that the grain of the plywood runs ACROSS the joint.

NOTES

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Purdue University  
 DEPARTMENT OF THEATRE

Drawing Title:  
 Typical Platform Items

Director:  
 Claire Mason

Scenic Designer:  
 Ryan Douglass

Technical Director:  
 Adam Gillette

Date: 19-Feb-24 V1.0

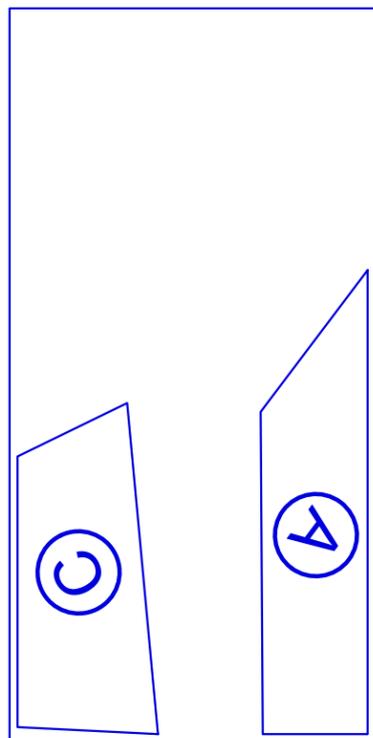
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Plate# of XX

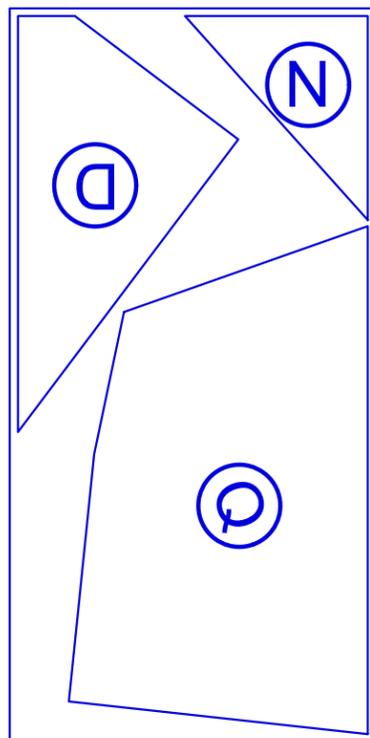
21

Cut out of 3/4" OSB Ply.

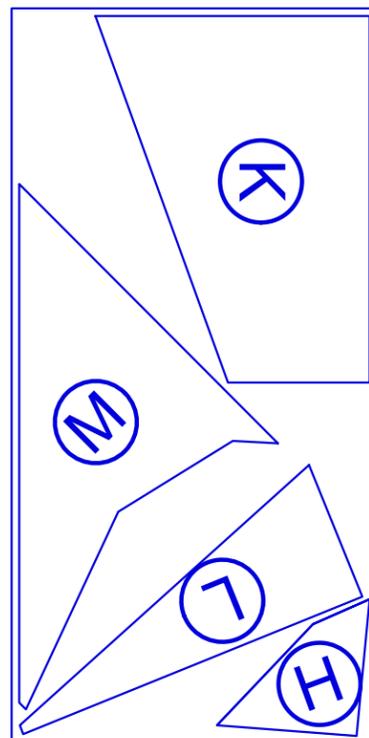
1 Shop Bot File 1  
22 SCALE: 1/2" = 1'



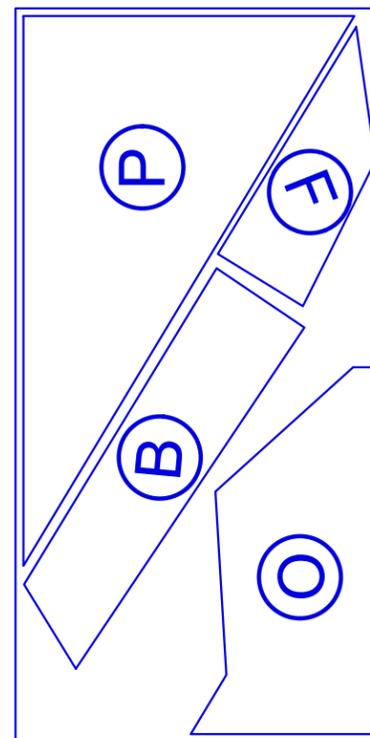
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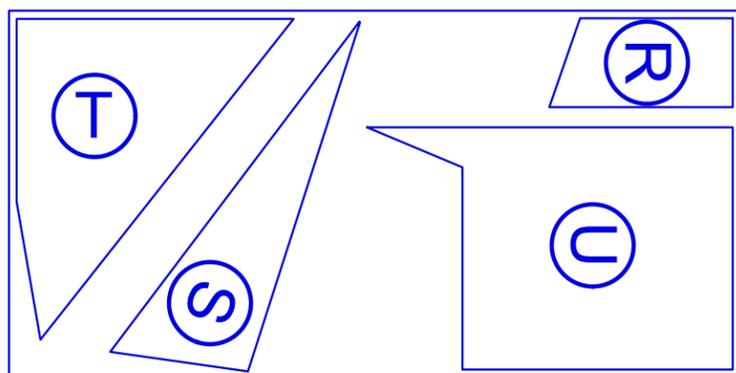
1 Shop Bot File 3  
22 SCALE: 1/2" = 1'



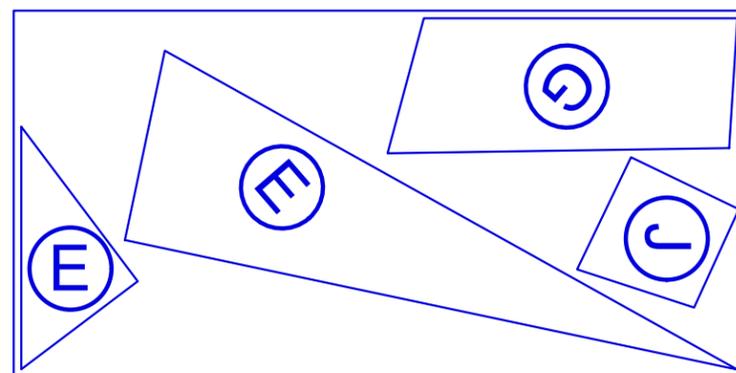
1 Shop Bot File 4  
22 SCALE: 1/2" = 1'



1 Shop Bot File 5  
22 SCALE: 1/2" = 1'



1 Shop Bot File 6  
22 SCALE: 1/2" = 1'



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Drawing Title:  
Shop Bot Platform cut layout

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

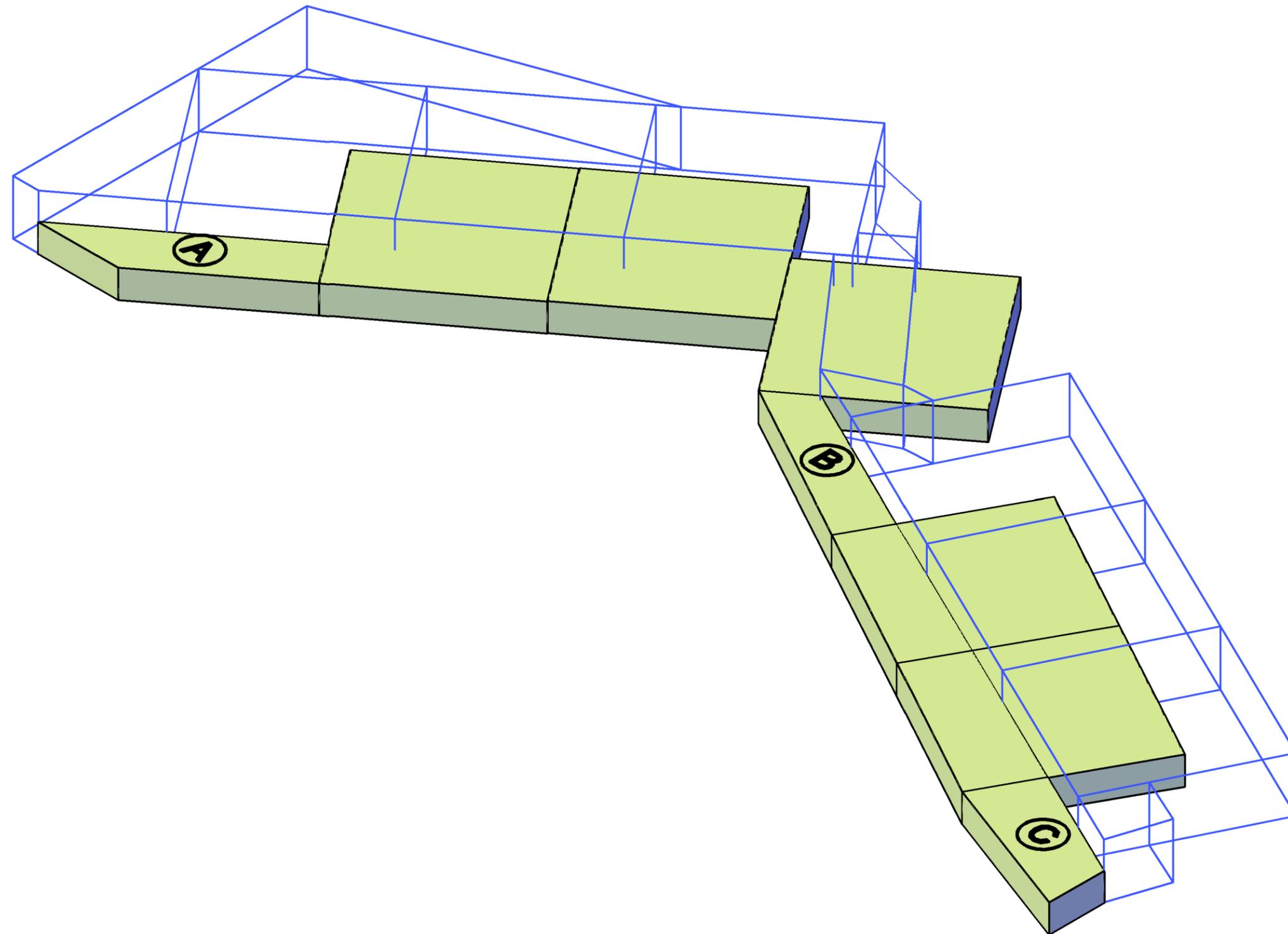
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 1/2" = 1'

Plate# of XX

22



NOTES

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University  
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THEATRE

Drawing Title:  
8" Steps ISO

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

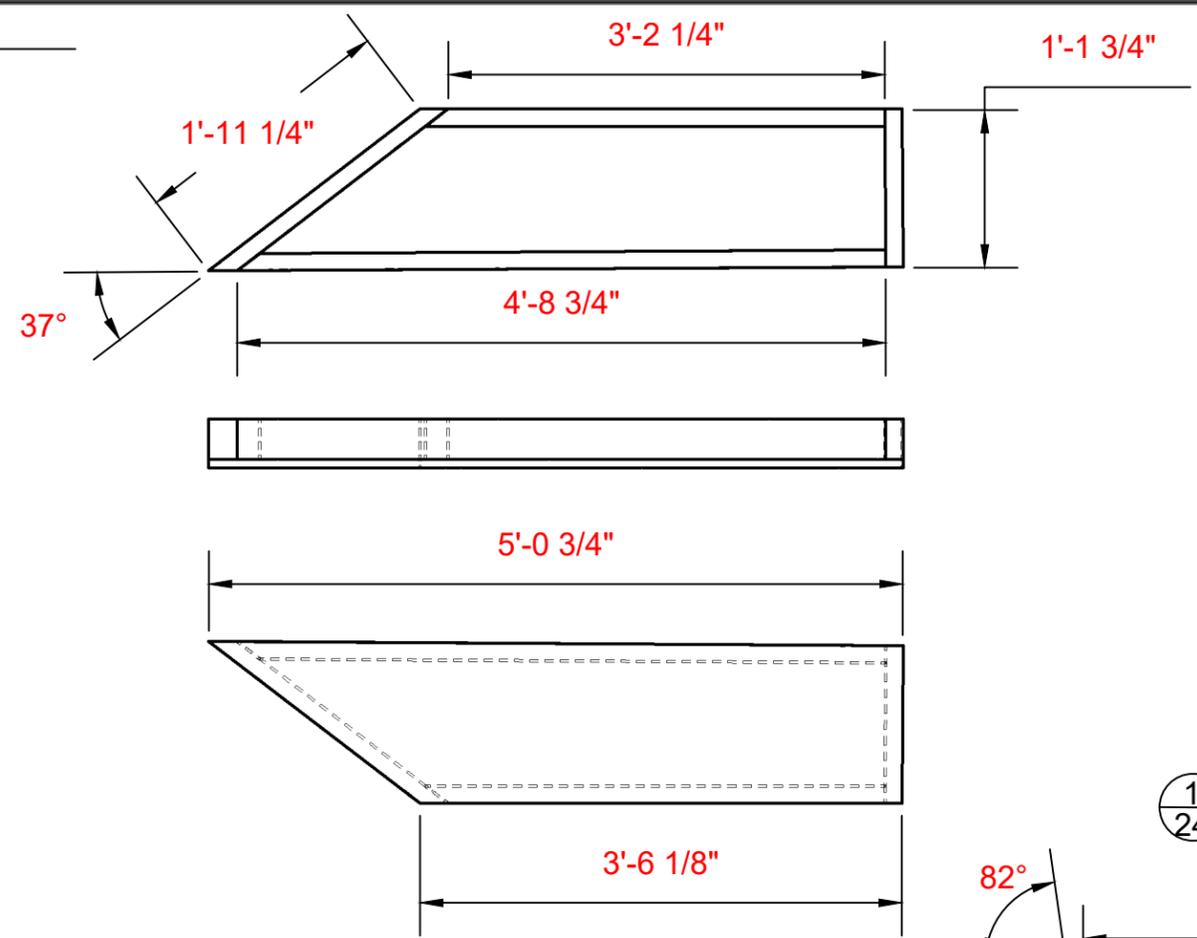
Date: 19-Feb-24 V1.0

Scale: 1/2" = 1'

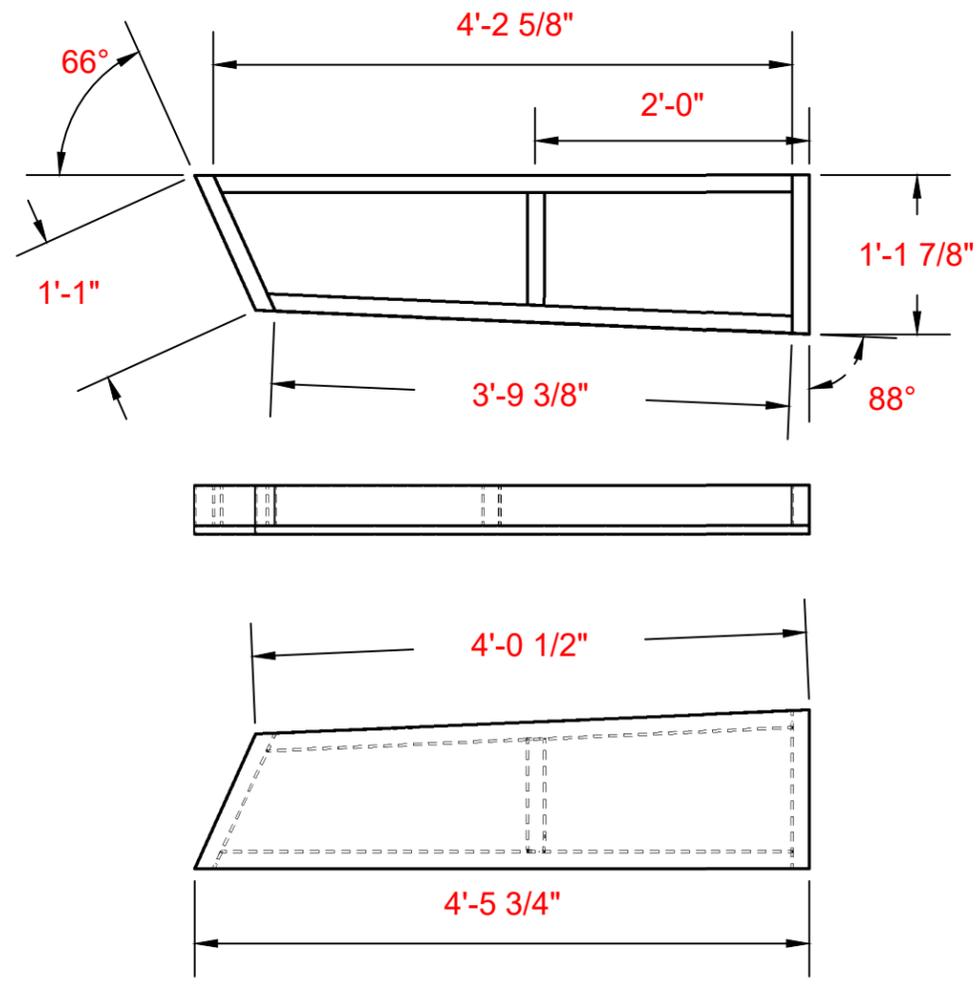
Plate# of XX

23

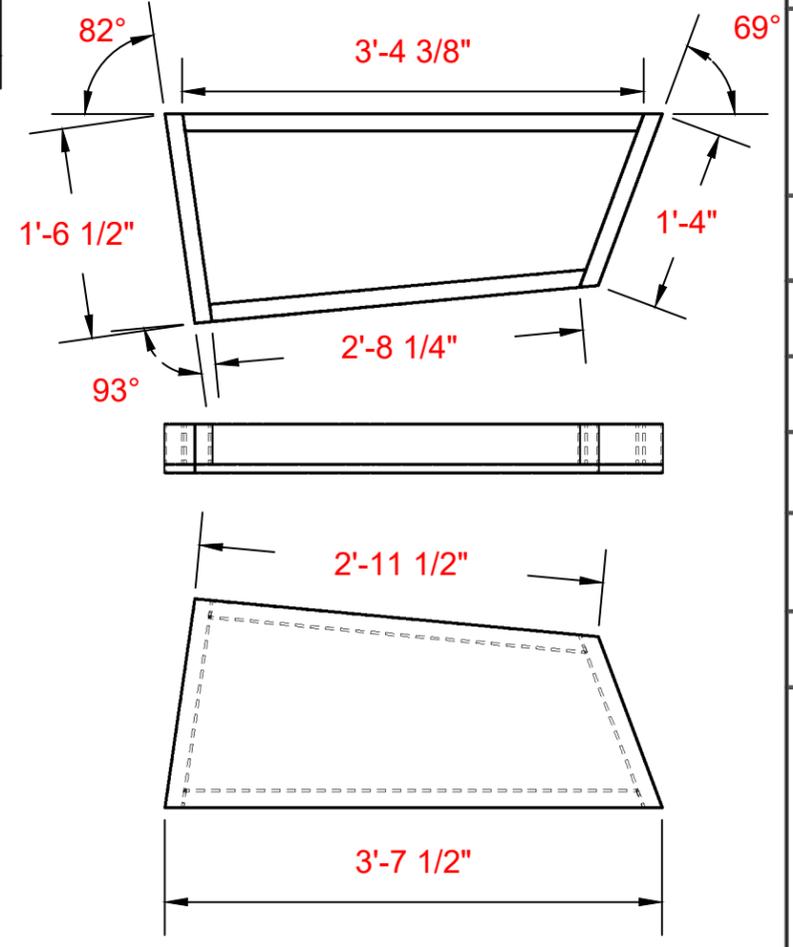
1 Platform A  
24 SCALE: 3/4" = 1'



1 Platform B  
24 SCALE: 3/4" = 1'



1 Platform C  
24 SCALE: 3/4" = 1'



Build with 2x4s and top with 3x4" CD plywood. All plywood will be cut on the shop bot. Please fit the frame to the ply if there is a discrepancy.

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Drawing Title:  
8" Platform Plugs A,B,C

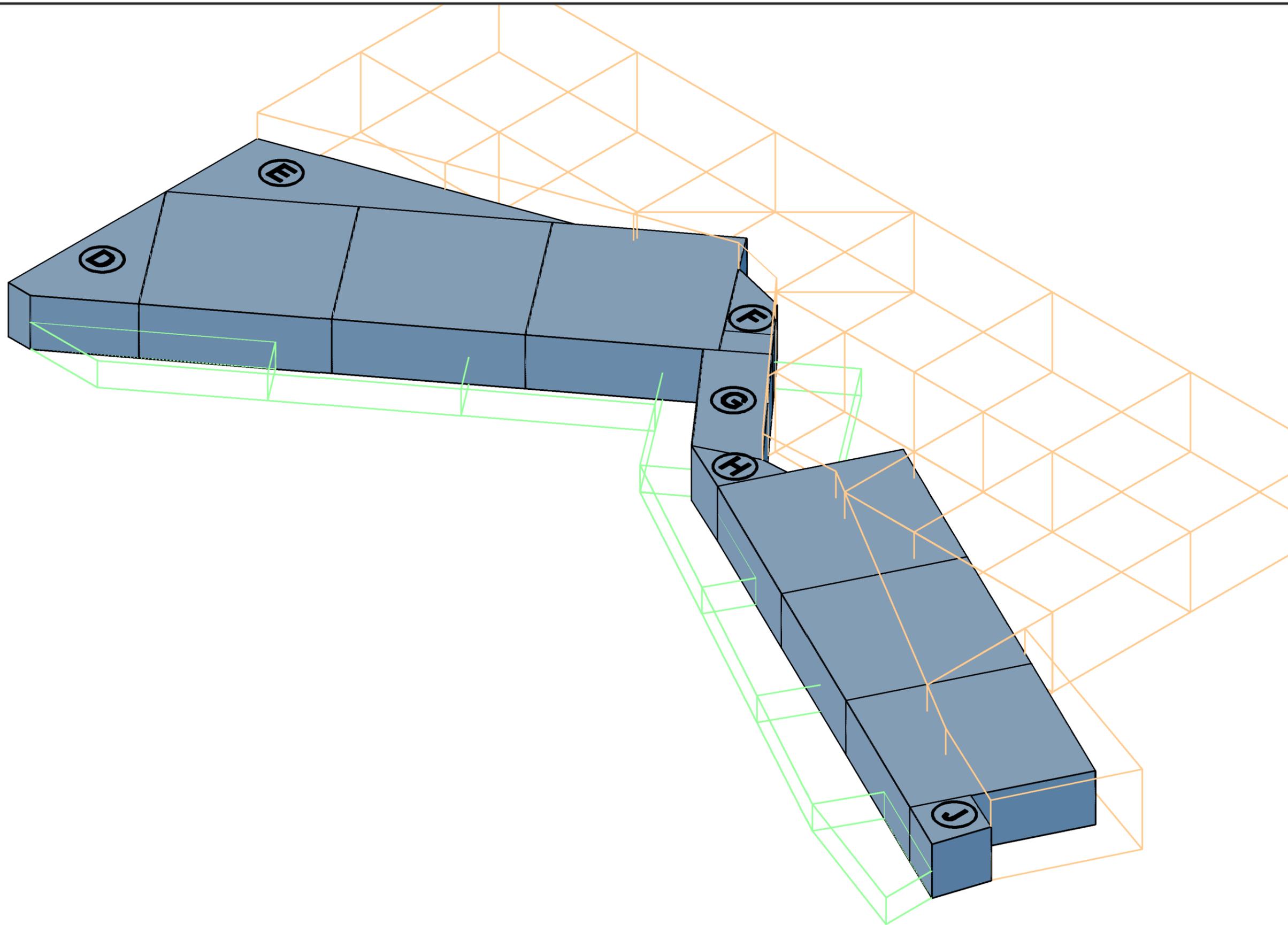
Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 3/4" = 1'

Plate# of XX

24



NOTES

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University  
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THEATRE

Drawing Title:  
16" Platform ISO

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

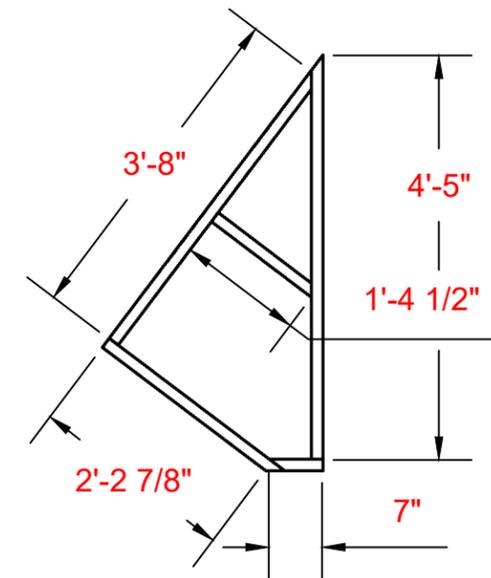
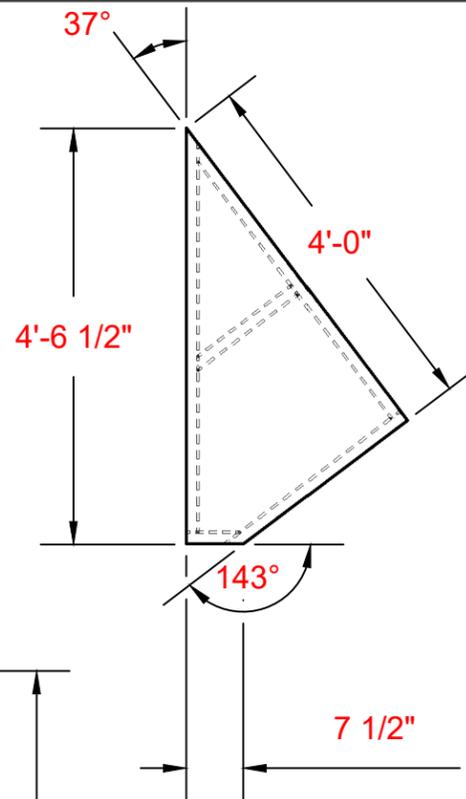
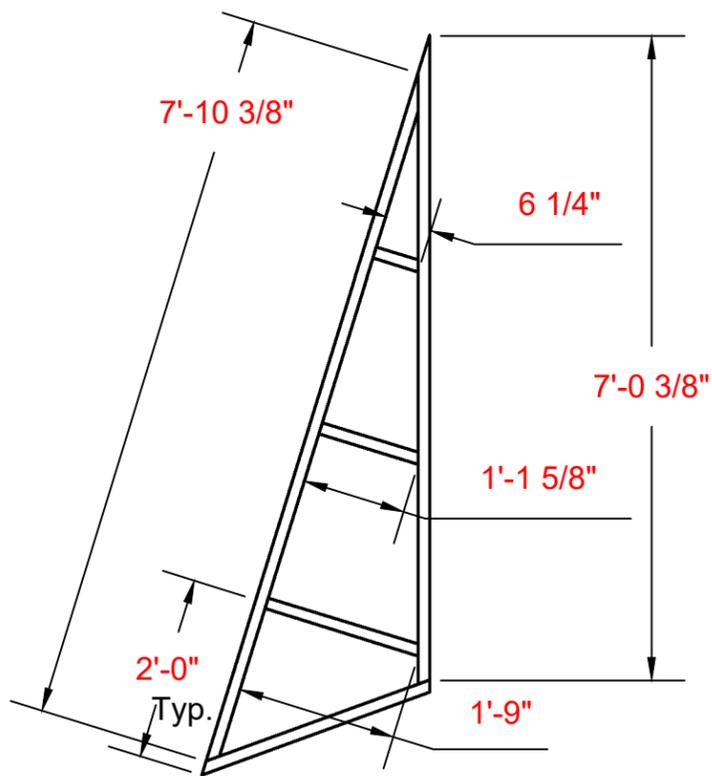
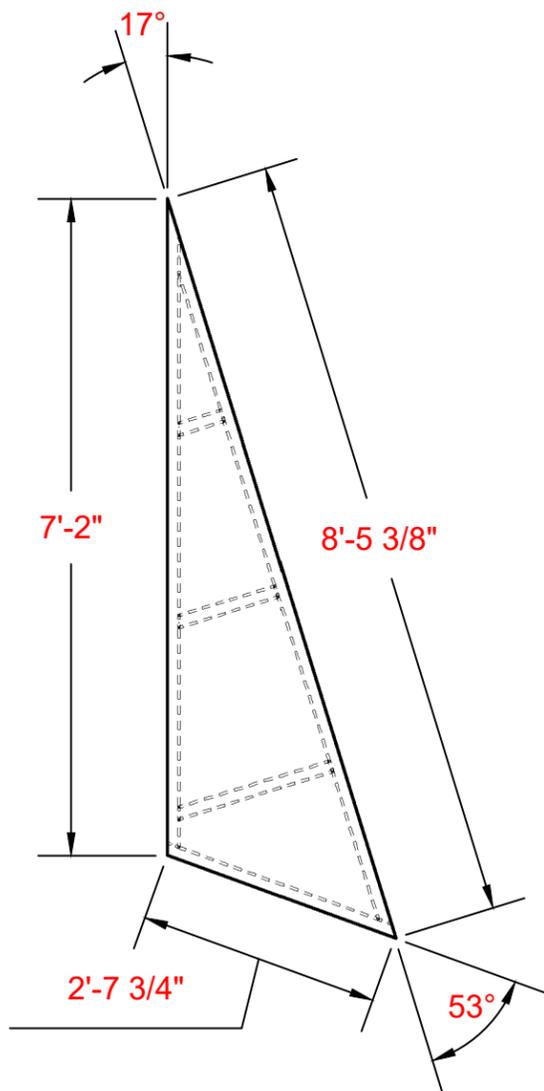
Date: 19-Feb-24 V1.0

Scale: 1/2" = 1'

Plate# of XX

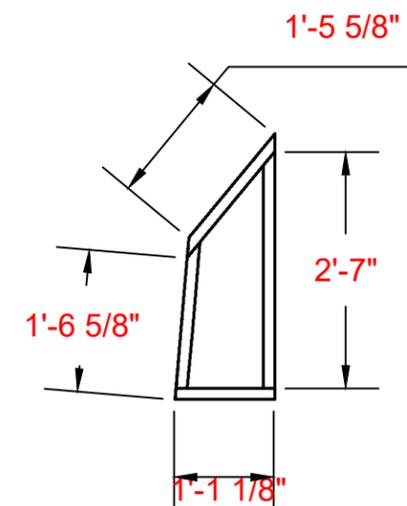
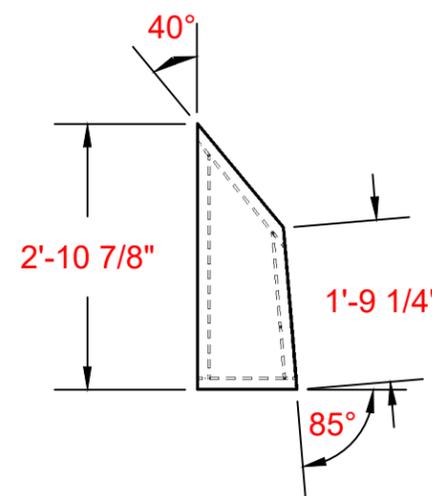
26

1 Platform E  
27 SCALE: 1/2" = 1'



1 Platform D  
27 SCALE: 1/2" = 1'

1 Platform F  
27 SCALE: 1/2" = 1'



Build with 2x4s and top with 3x4" CD plywood. All plywood will be cut on the shop bot. Please fit the frame to the ply if there is a discrepancy.

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Drawing Title:  
16" Platforms D,E,F

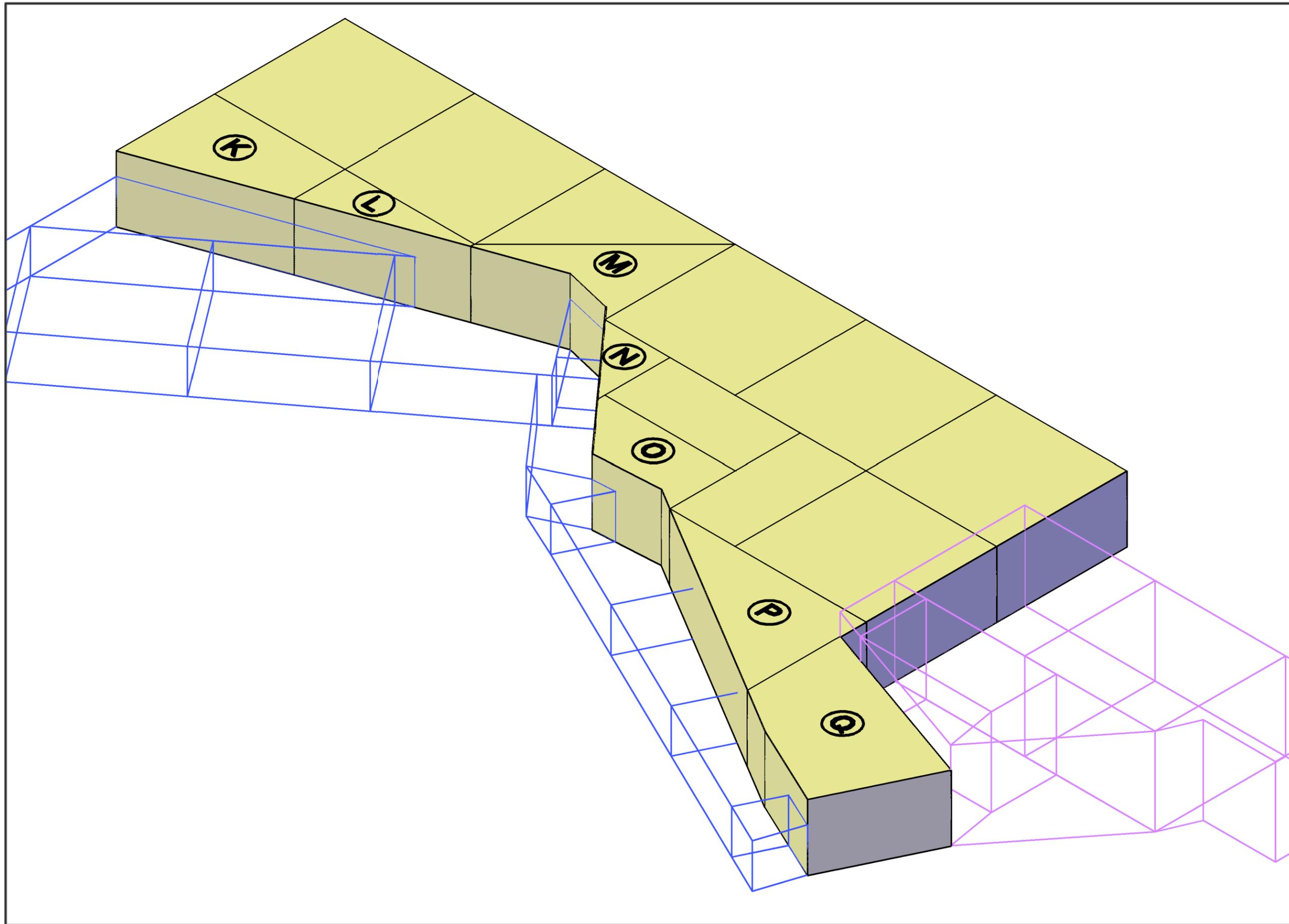
Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 1/2" = 1'

Plate# of XX

27



NOTES

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Purdue  
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DEPARTMENT OF  
THEATRE

Drawing Title:  
24" PLATFORM ISO

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

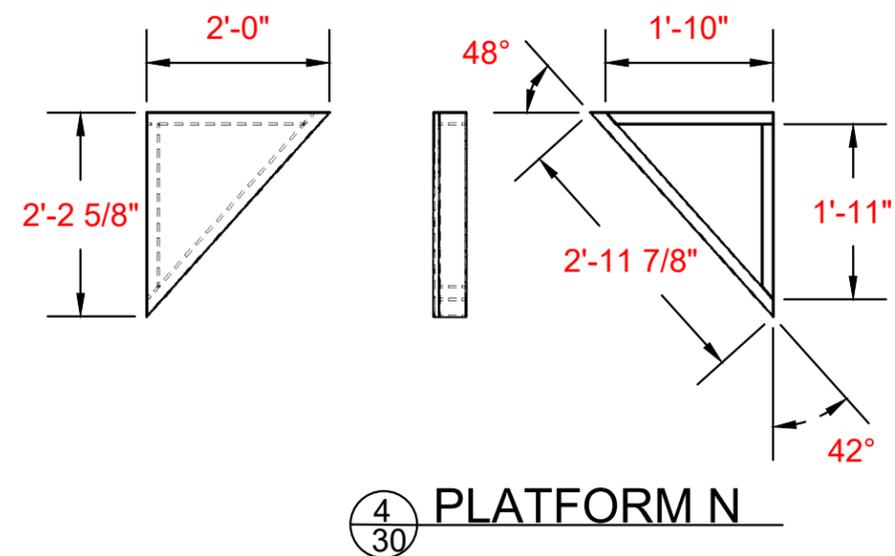
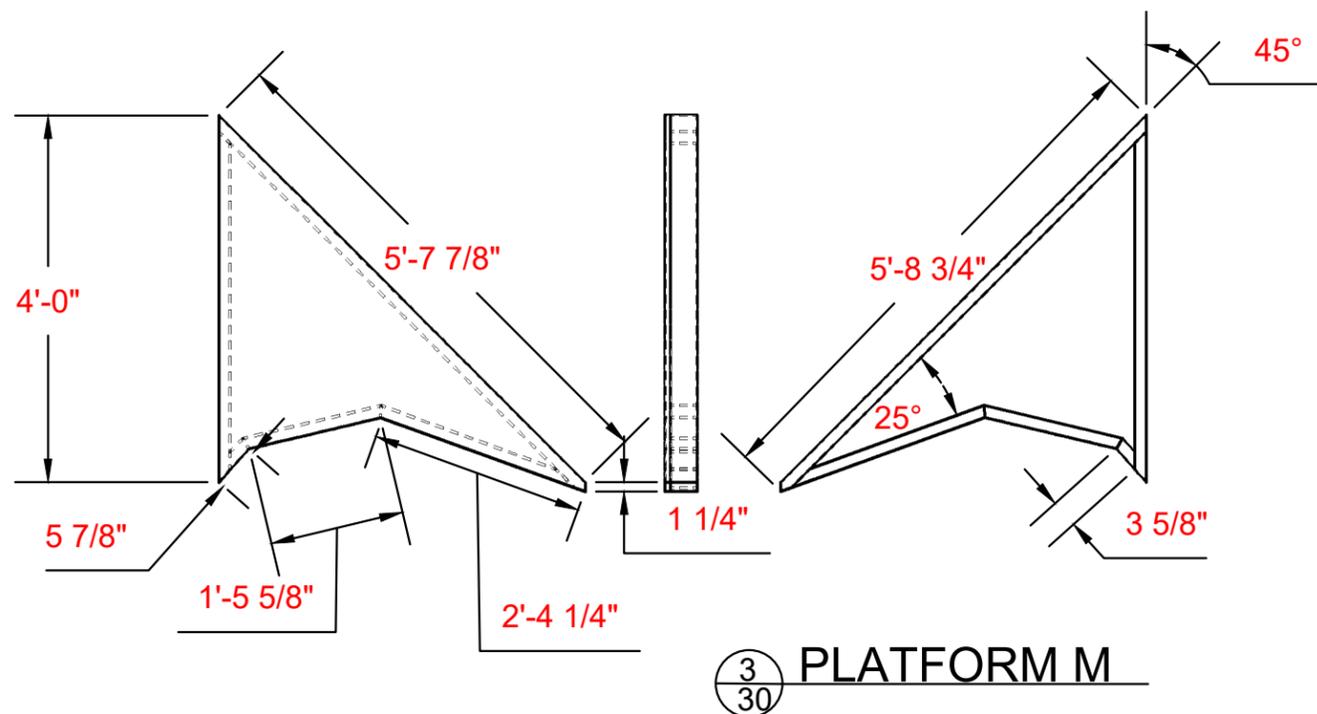
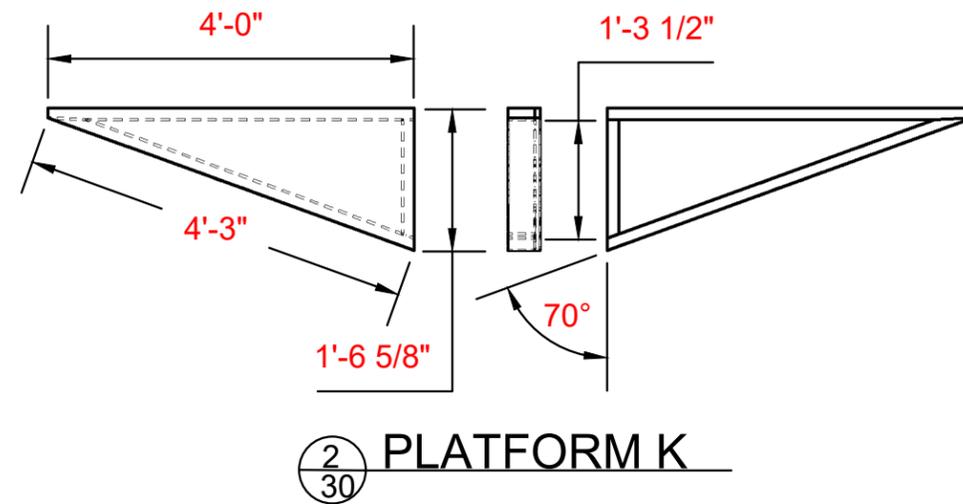
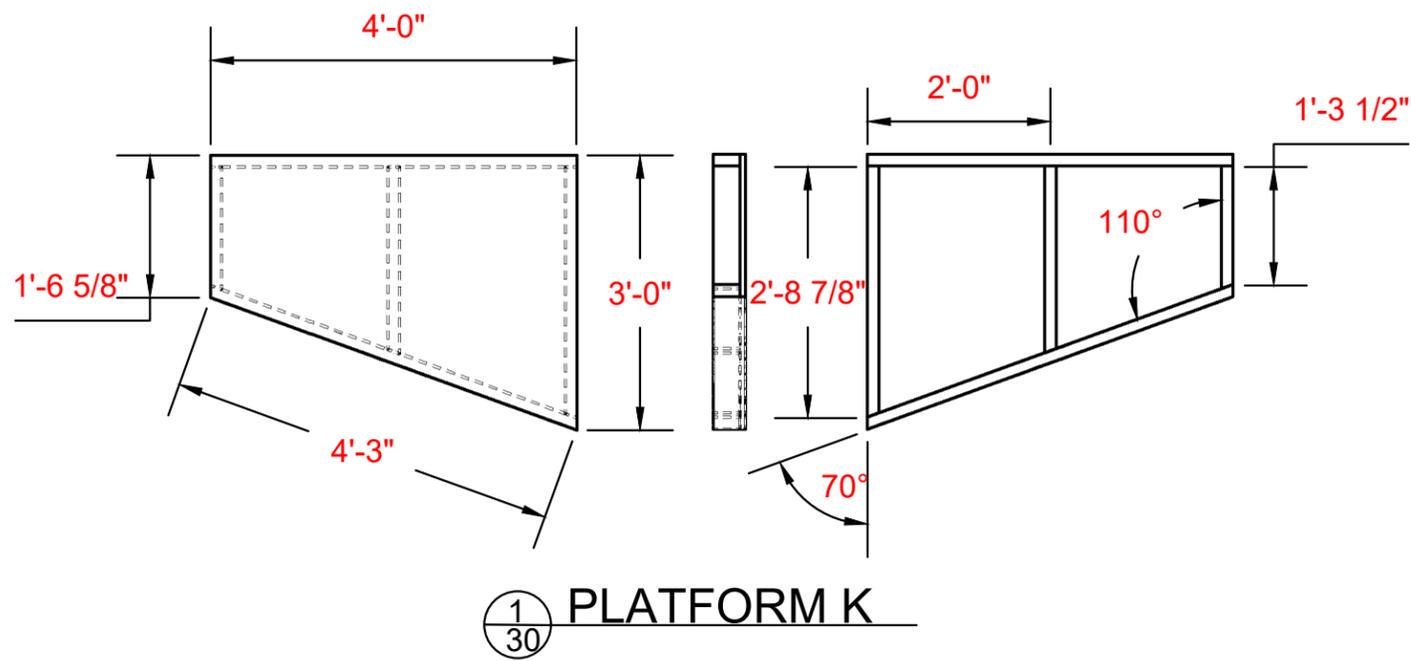
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Scale: 1/2" = 1'

Plate# of XX

29

NOTES



MEDEA

Purdue University  
DEPARTMENT OF THEATRE

Drawing Title:  
24" PLATFORMS

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

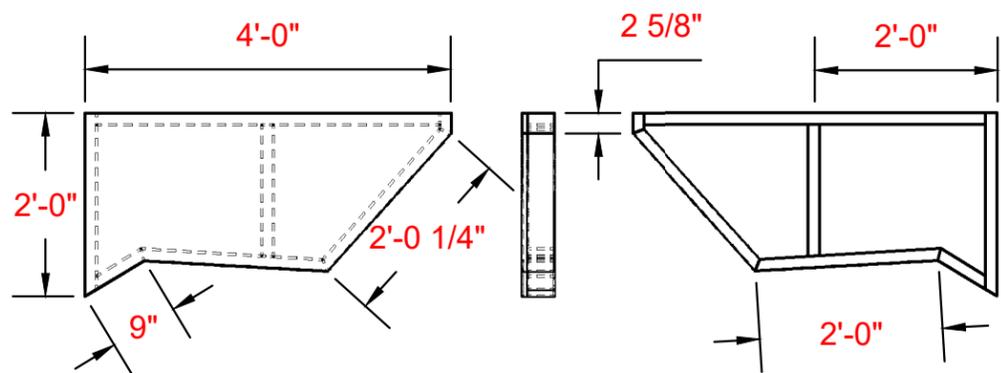
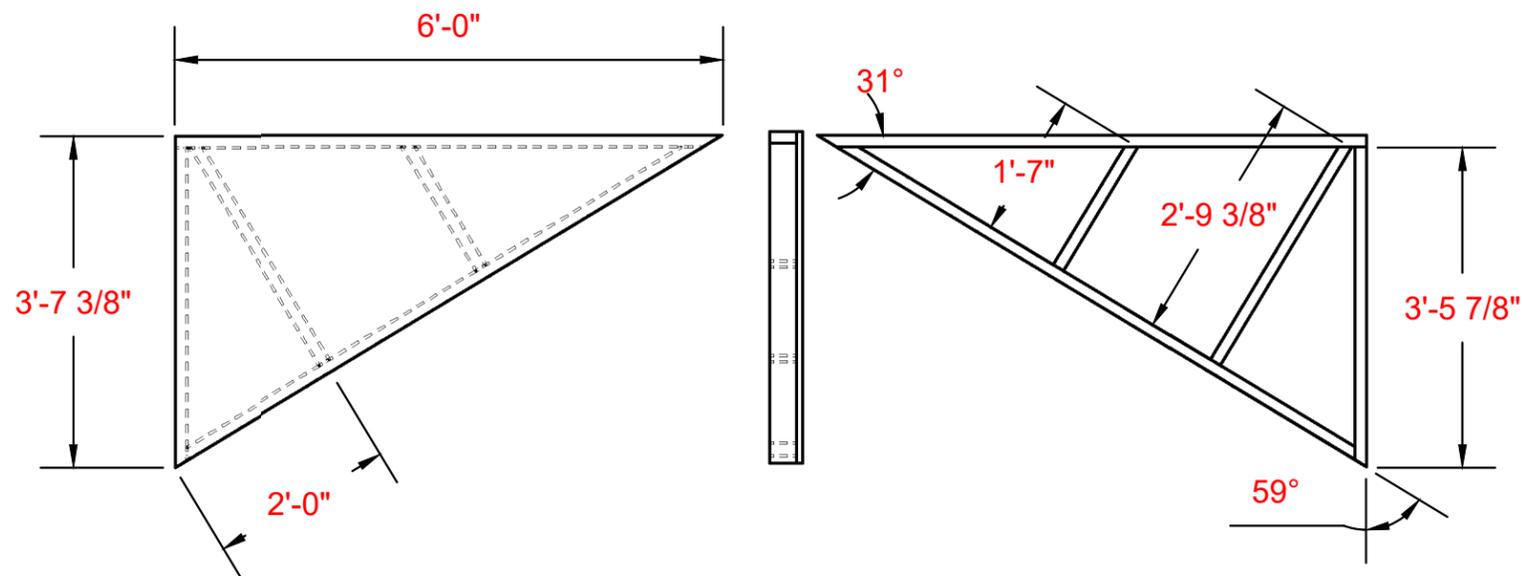
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Scale: 1/2" = 1'

Plate# of XX

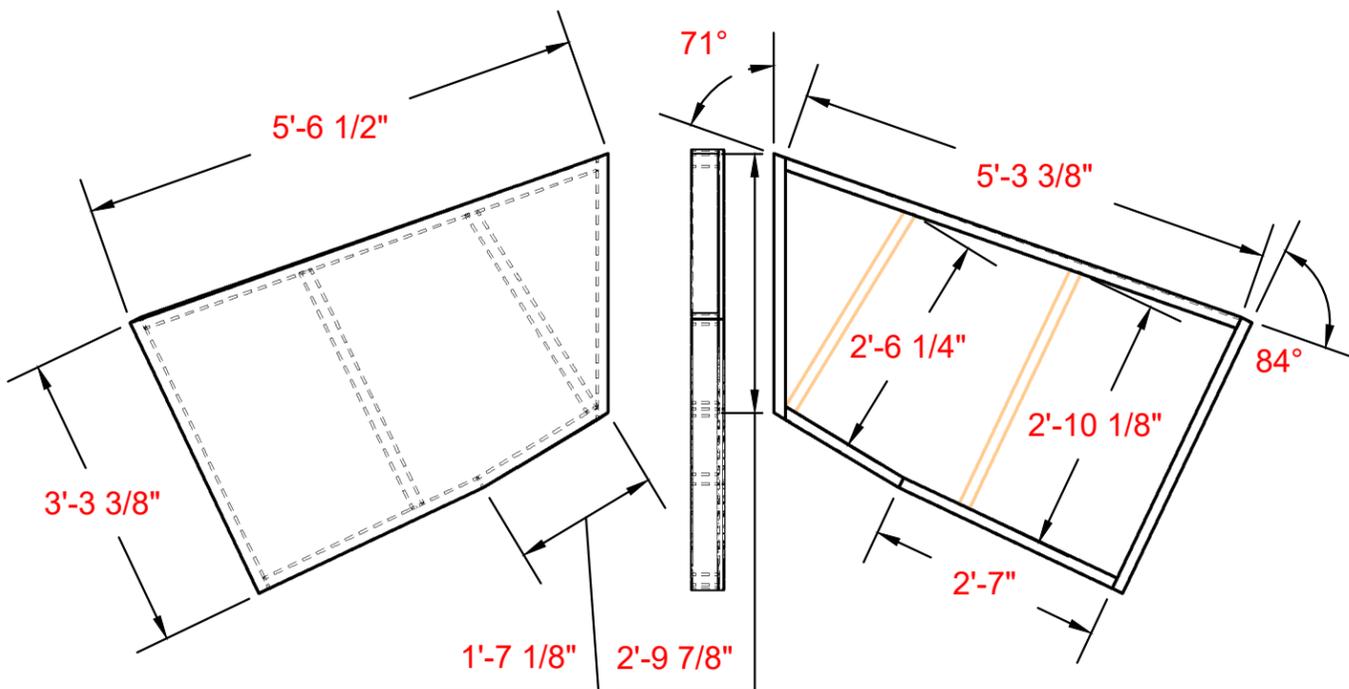
30

1  
31 PLATFORM P



2  
31 PLATFORM O

3  
31 PLATFORM Q



NOTES

MEDEA

Purdue University  
DEPARTMENT OF THEATRE

Drawing Title:  
24" PLATFORMS

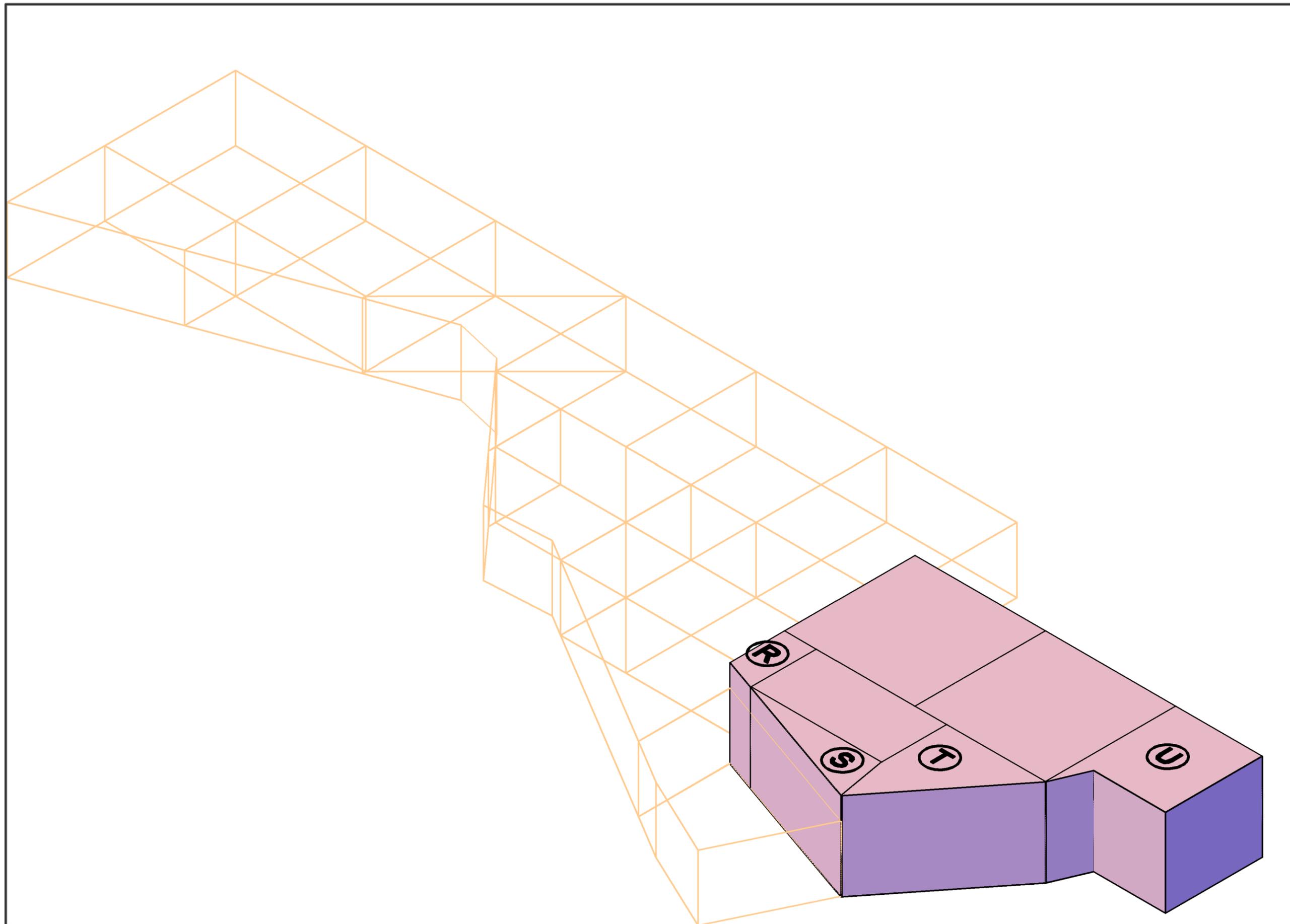
Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

Date: 19-Feb-24 V1.0

Scale: 1/2" = 1'

Plate# of XX

31



NOTES

MEDEA

Purdue  
University  
DEPARTMENT OF  
THEATRE

Drawing Title:  
32" PLATFORM ISO

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

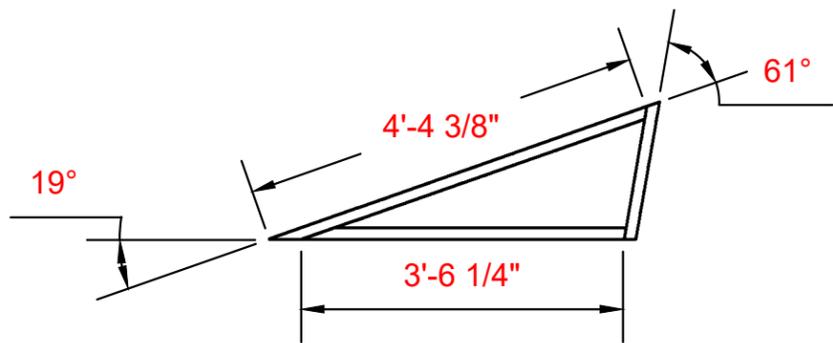
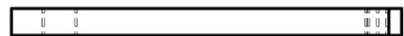
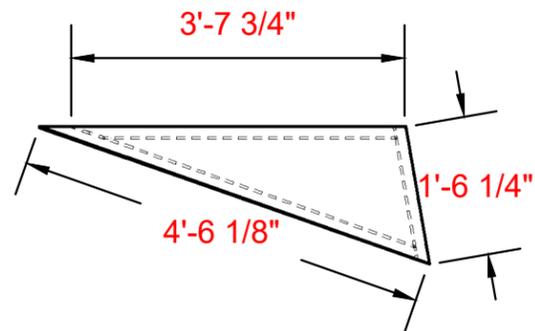
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Scale: VARRIES

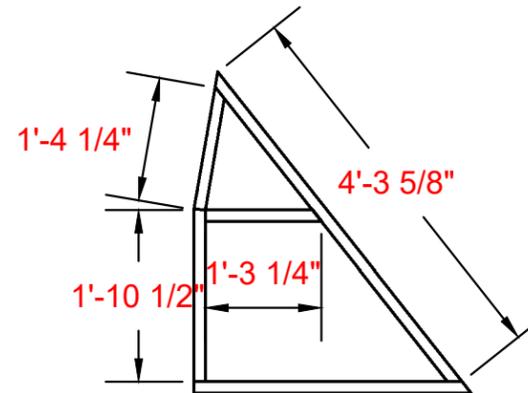
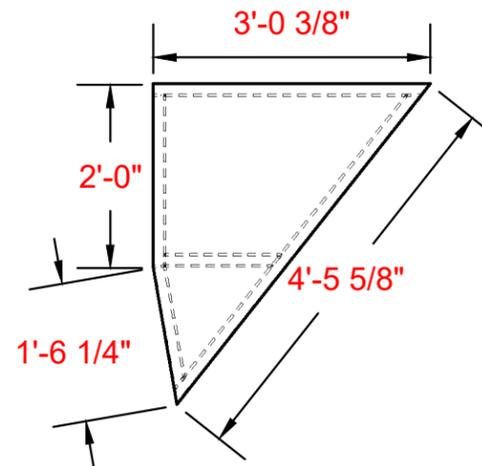
Plate# of XX

32

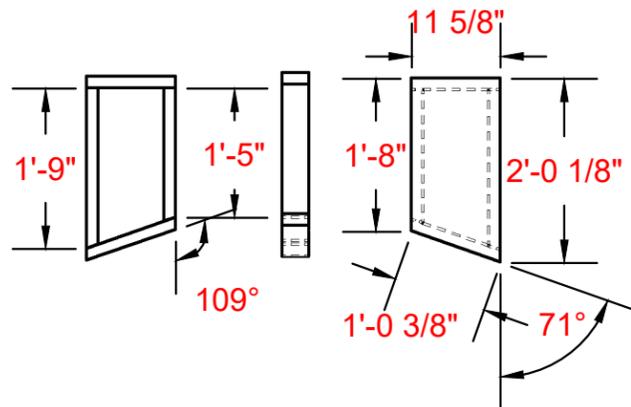
1  
33 PLATFORM S



3  
33 PLATFORM T

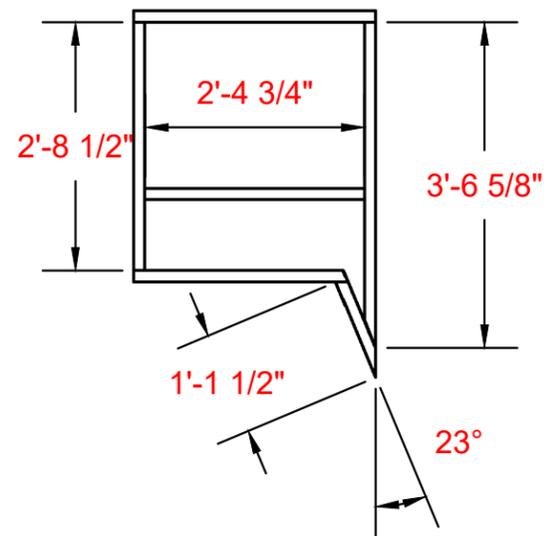
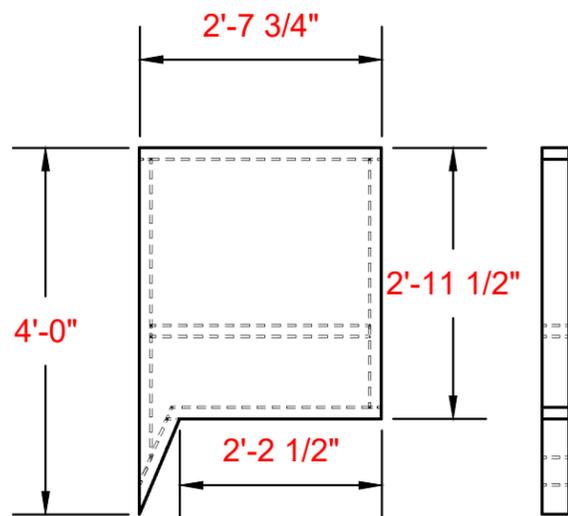


2  
33 PLATFORM R



109°

71°



23°

4  
33 PLATFORM U

NOTES

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DEPARTMENT OF THEATRE

Drawing Title:  
32" PLATFORMS

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

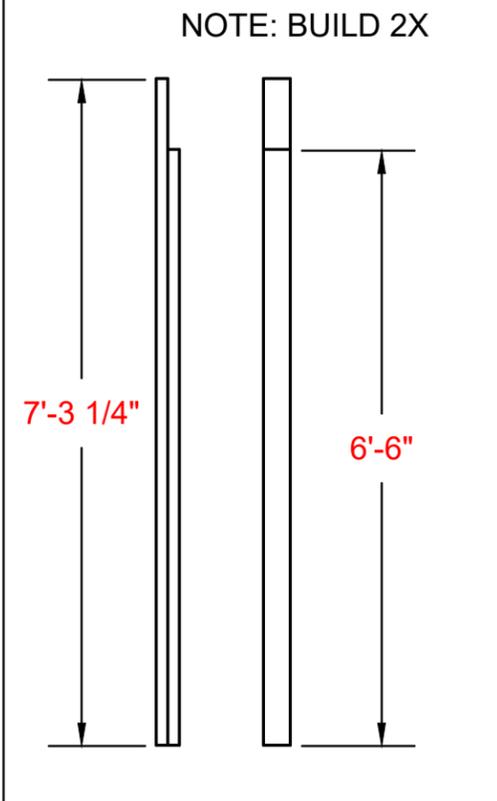
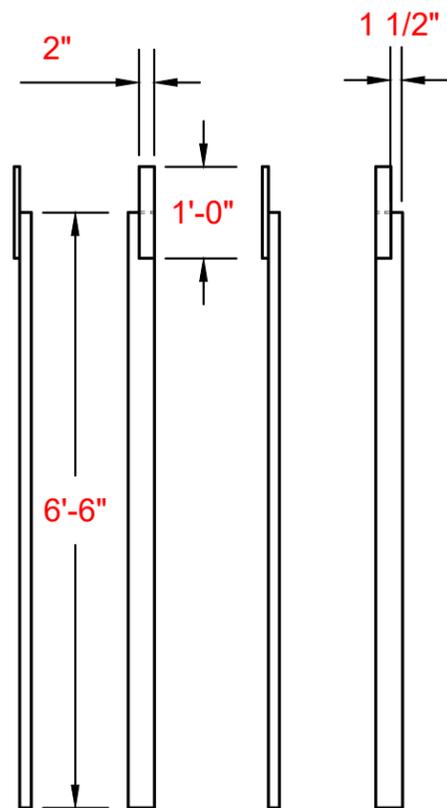
Date: 19-Feb-24 V1.0

Scale: 1/2" = 1'

Plate# of XX

33

NOTE:  
PLYWOOD  
SCAB IS  
DIFFERENT  
FOR EACH  
PIECE. BUILD  
ONE OF EACH

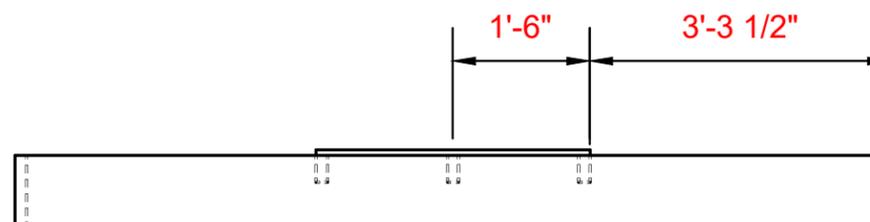
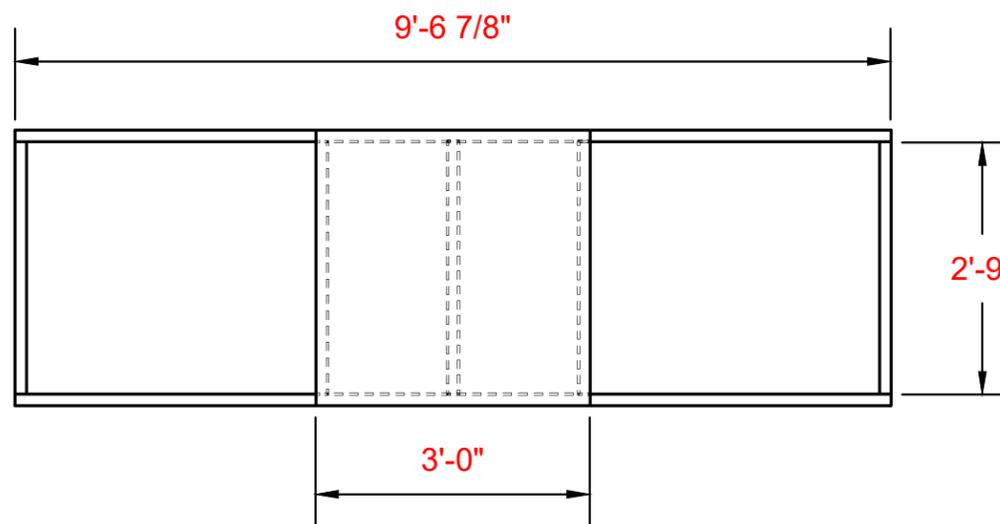


**1**  
41 **CENTER STRUCTURE LEGS**  
BUILT FROM 2X4  
TWO WITH 3/4" SCAB  
TWO WITH 2 MEMBERS ATTACHED TOGETHER



**1**  
14 **SIDE**

**2**  
41 **Top View**  
SCALE 1/2" = 1'  
EXTERIOR FRAME IS 2X10 NOMINAL  
2X4 JOISTS  
3/4" BC PLY TOP - B SIDE UP



**2**  
14 **FRONT**

NOTES

MEDEA

Purdue  
University  
DEPARTMENT OF  
THEATRE

Drawing Title:  
CENTER PLATFORM

Director:  
Claire Mason

Scenic Designer:  
Ryan Douglass

Technical Director:  
Adam Gillette

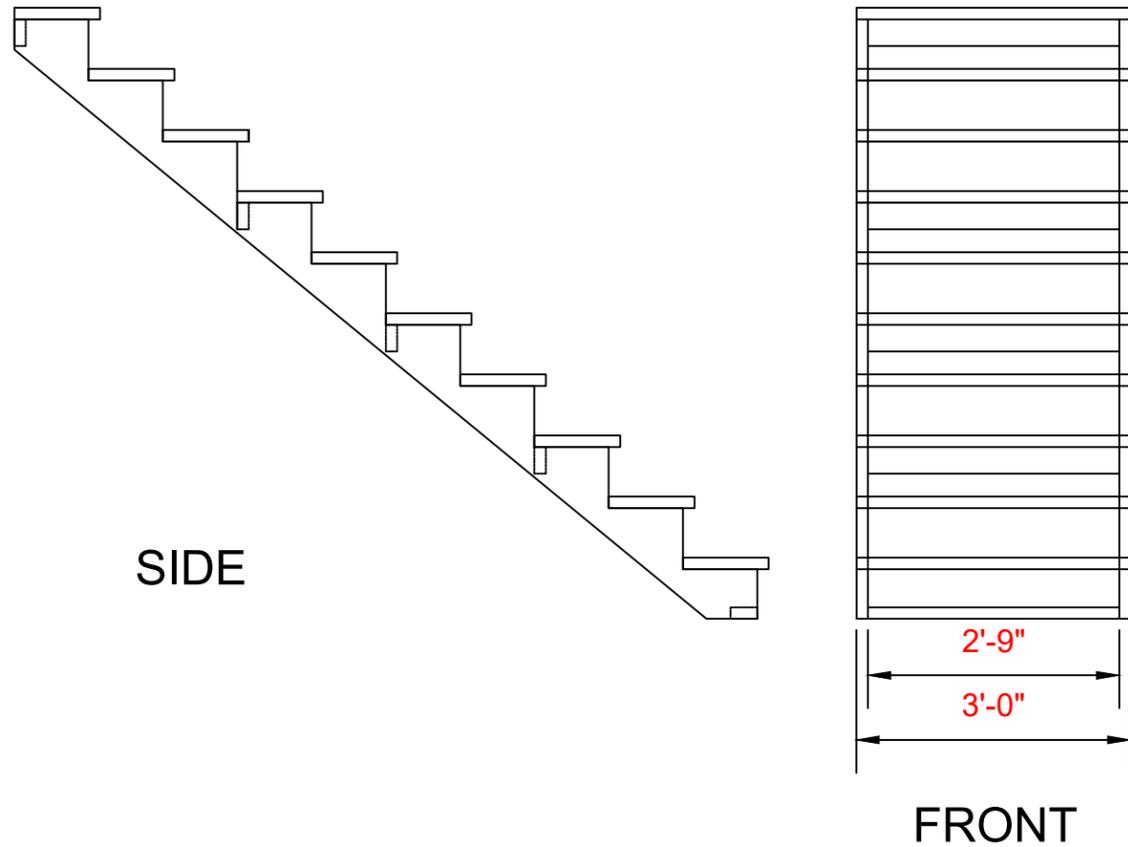
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Scale: 1/2" = 1'

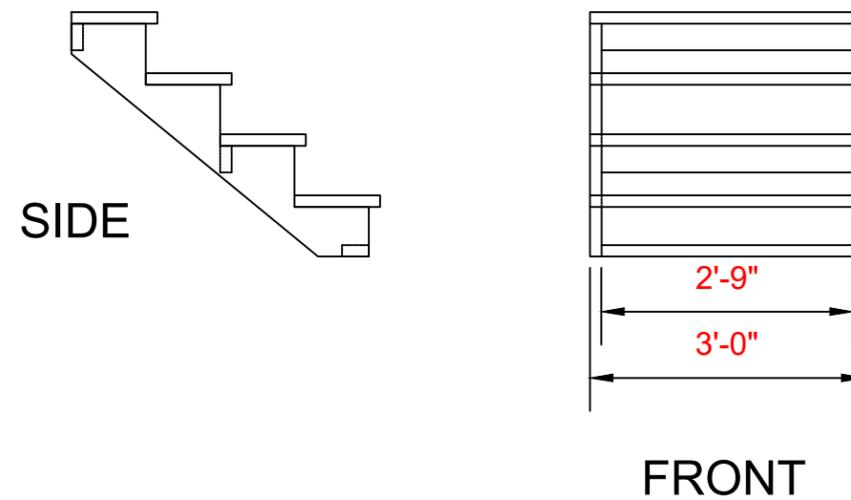
Plate# of XX

**41**

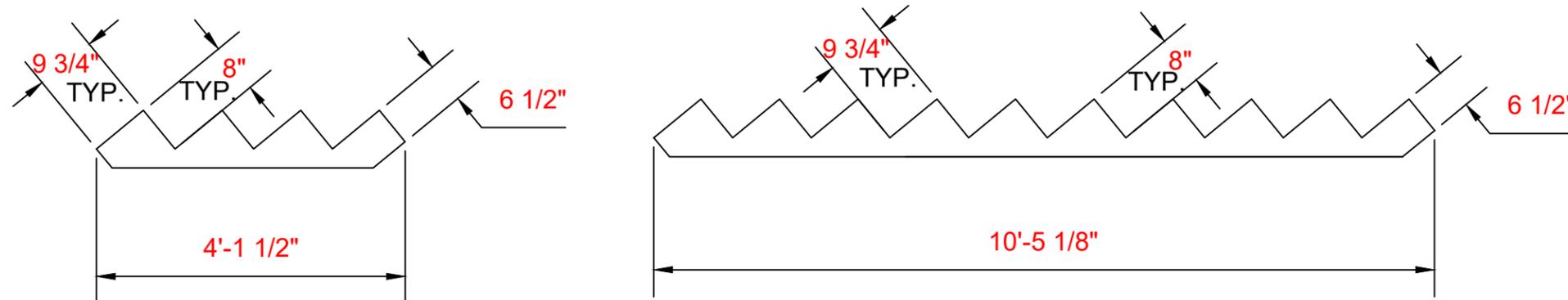
**1 CENTER STEPS 1**  
TREADS ARE MADE FROM 2X12  
USE 2X4 AS INDICATED TO PROVIDE WIDTH



**2 CENTER STEPS 2**  
TREADS ARE MADE FROM 2X12  
USE 2X4 AS INDICATED TO PROVIDE WIDTH



**3 STAIR STRINGERS**  
PULL STRINGERS FORM HANSEN  
CUT AS INDICATED  
CUT 2X OF EACH



MEDEA

Purdue University  
DEPARTMENT OF THEATRE

Drawing Title:  
CENTER STAIRS

Director:  
Claire Mason  
Scenic Designer:  
Ryan Douglass  
Technical Director:  
Adam Gillette

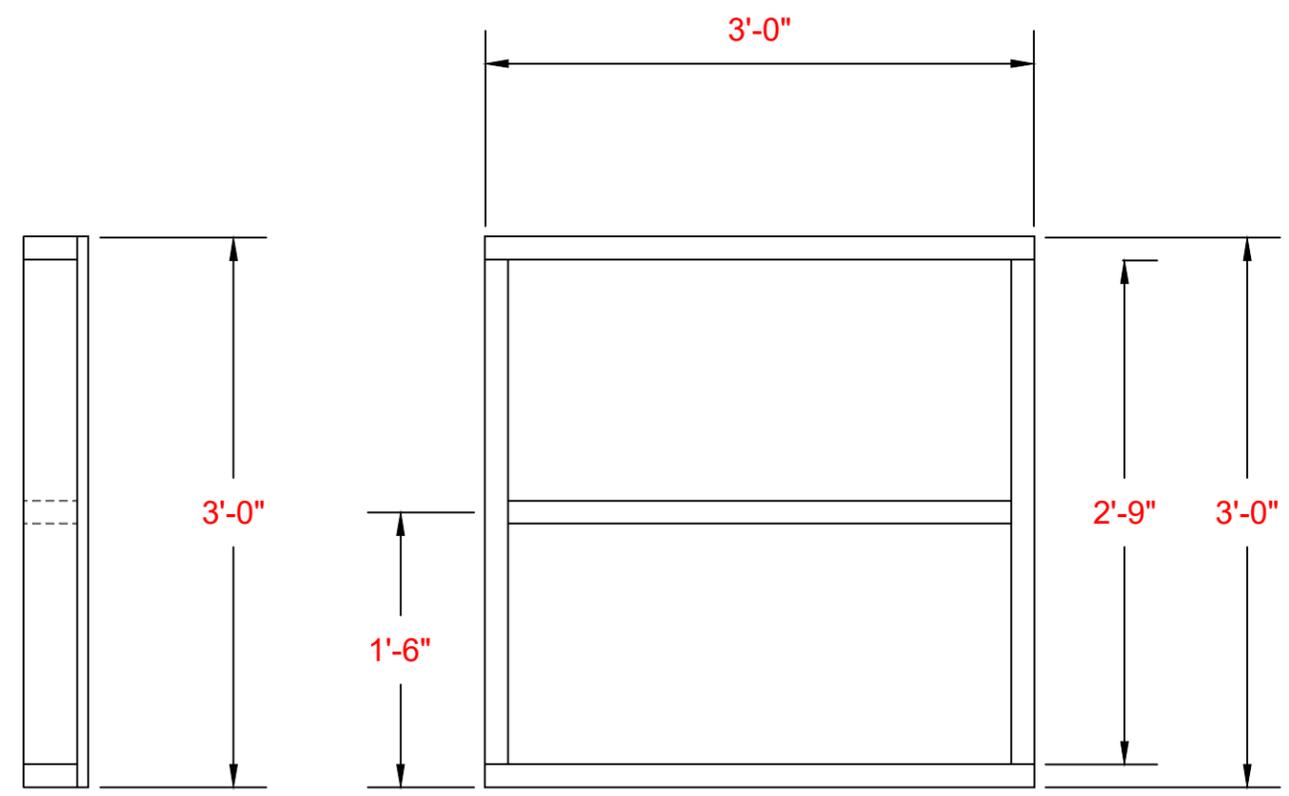
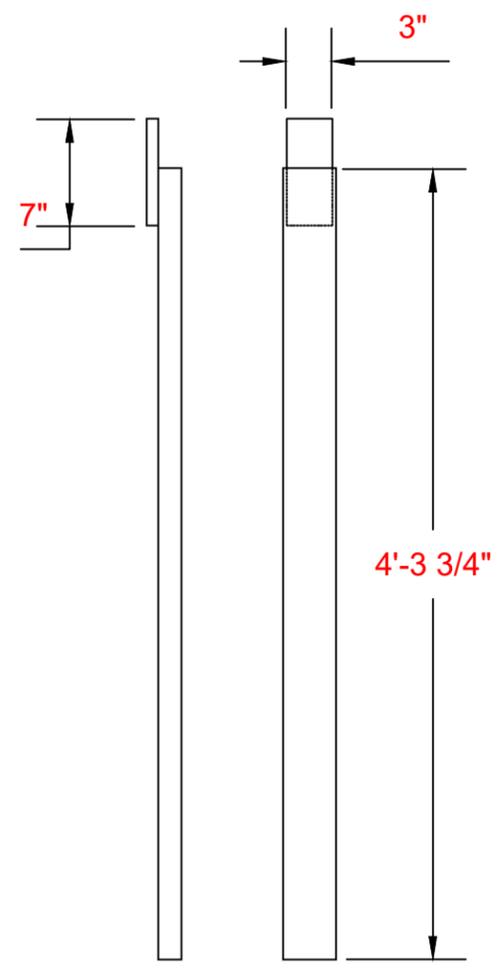
Date: 19-Feb-24 V1.0

Scale: 1/2" = 1'

Plate# of XX

45

① **LANDING**  
 46 STANDARD PLATFORM  
 MADE WITH 2X4 AND 3/4" BC PLY  
 B SIDE UP



① **LANDING LEGS**  
 46 LEGS FOR LANDING  
 MAKE 4X

MEDEA

Purdue  
 University  
 DEPARTMENT OF  
 THEATRE

Drawing Title:  
 LANDING

Director:  
 Claire Mason  
 Scenic Designer:  
 Ryan Douglass  
 Technical Director:  
 Adam Gillette

Date: 19-Feb-24 V1.0

Scale: VARRIES

Plate# of XX