

DG Window Wall C
A43 Scale: 1/2"=1'-0"

DH Window Wall B
A43 Scale: 1/2"=1'-0"

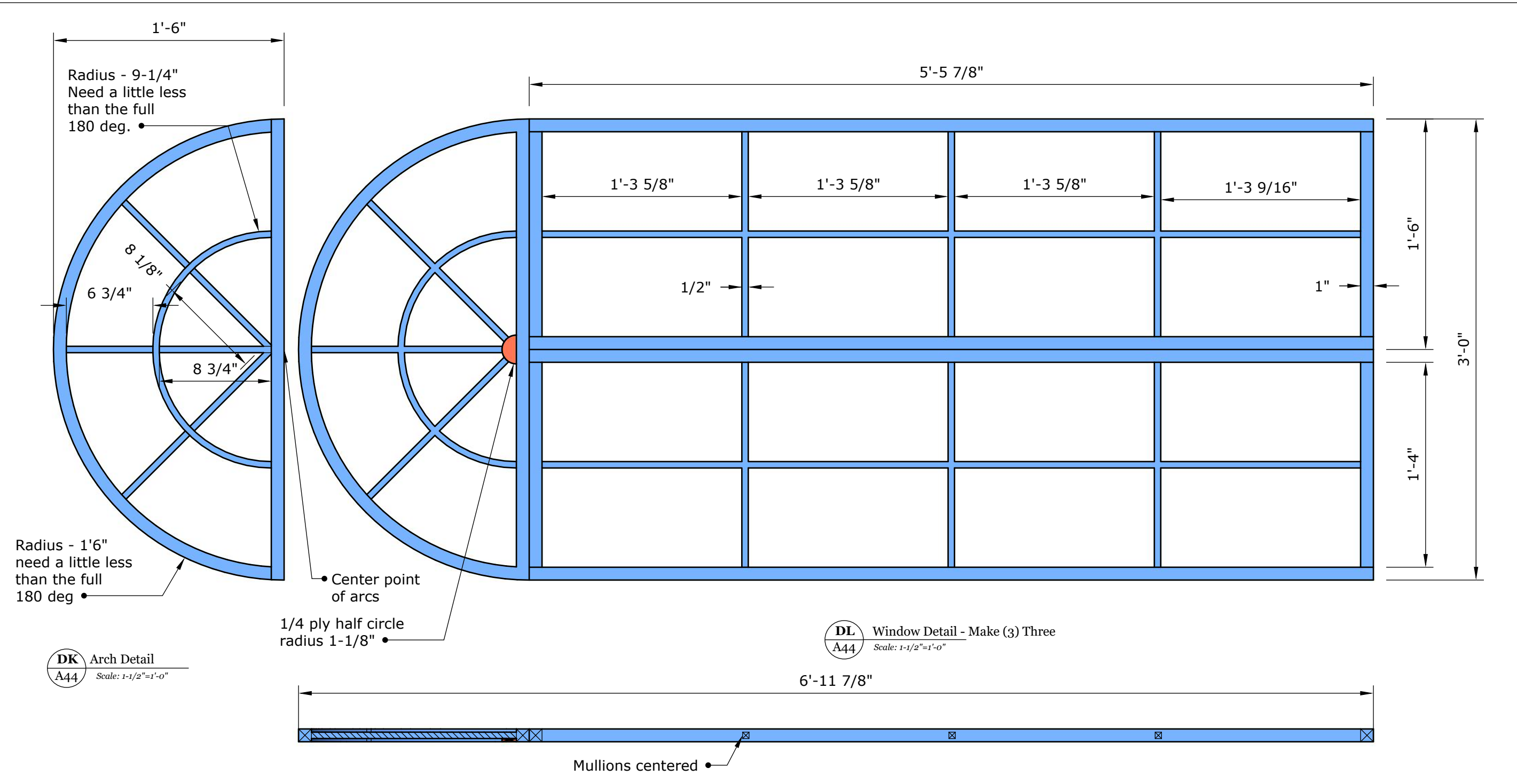
DI Window Wall A
A43 Scale: 1/2"=1'-0"

DJ Window Walls Separated
A43 Scale: 1/2"=1'-0"

Notes:

- +These walls are very similar except in height of window placement.
- +These each separate at the seam just below the window for ease of installation.

Window Walls	Arizona Broadway Theater	Scale: 1/2"=1'-0"	Scenic Design: D. Clair	Drafted By: Doug Dio
	Mame	Print on 11 x 11	Date: 12/21/20	Director: Michael We SM: Leigh Treat
#43				



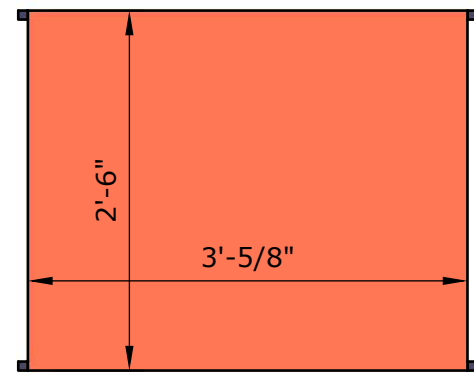
DK Arch Detail
A44 Scale: 1-1/2"=1'-0"

DL Window Detail - Make (3) Three
A44 Scale: 1-1/2"=1'-0"

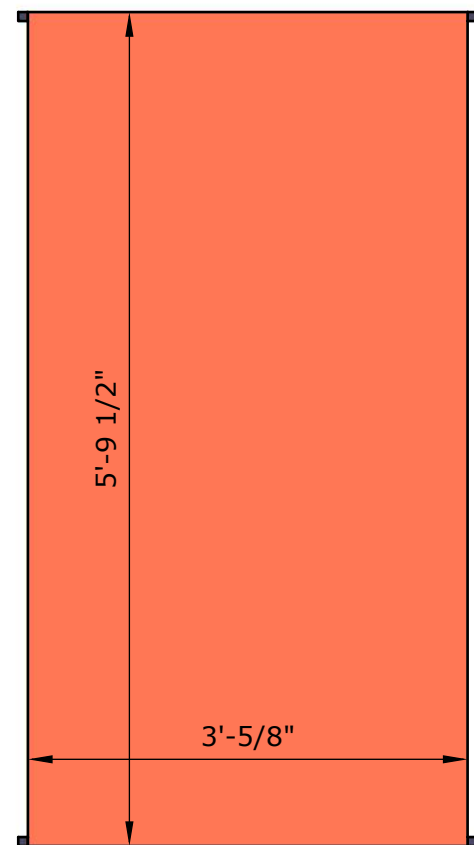
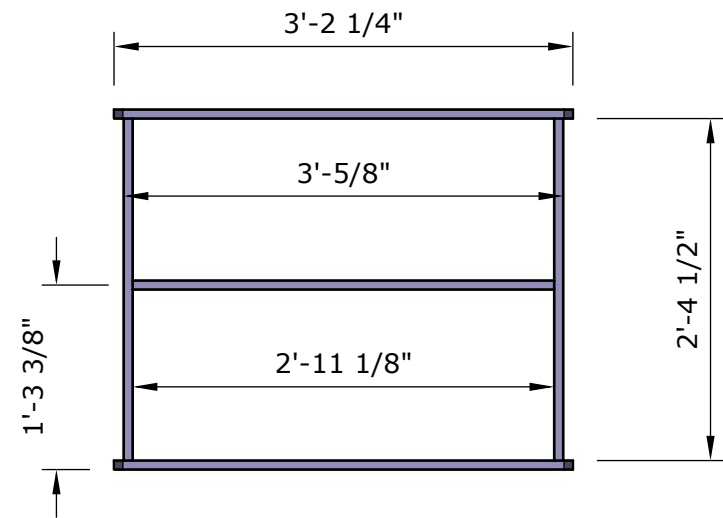
DM Section through center
A44 Scale: 1-1/2"=1'-0"

Notes:
 +Lumber: 1/4 ply facing (red).
 +Steel: Use 1" box tube for exterior of window panes, and 1/2" box tube for all mullions.
 +Keep down stage face welds minimal. More important is avoiding interior welds that goop up windows do not need to function so that can and should be welded together as one piece. Bent Credebilt.

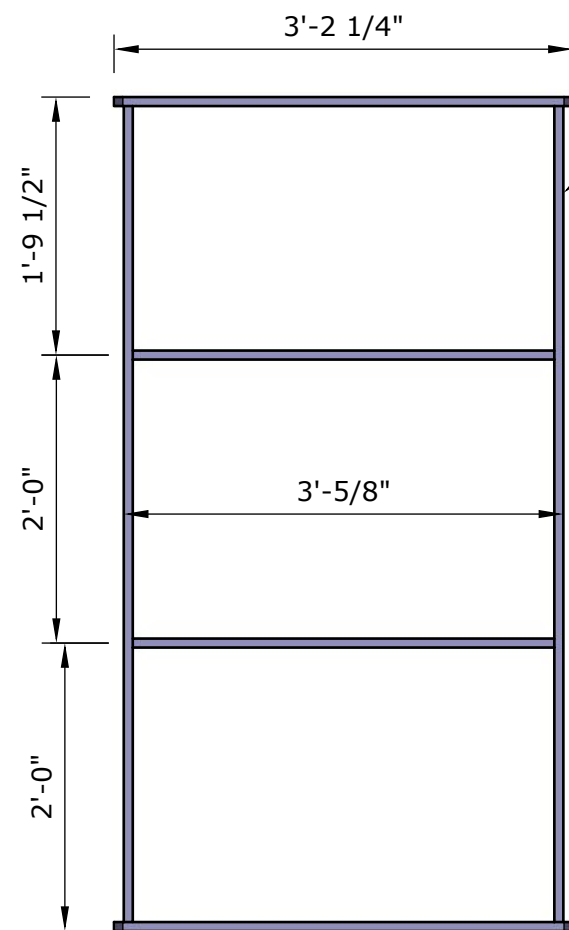
Arizona Broadway Theater	Scale: 1"=1'-0"	Scenic Design: D. Claf	Drafted By: Doug Dio
Window Detail	Date: 12/21/20	Director: Michael We	SM: Leigh Treat
Mame	Print on 11 x 11		
#44			



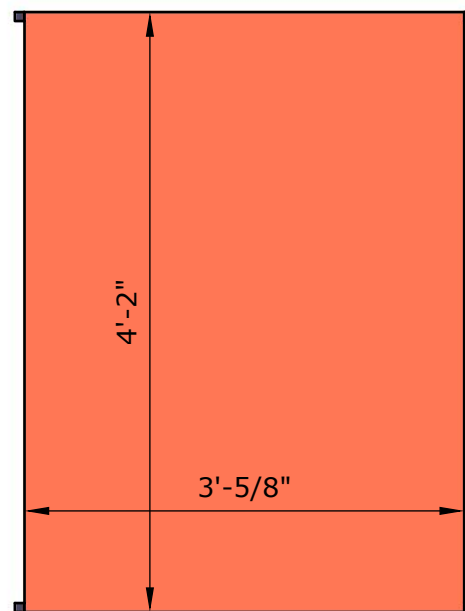
DP Lower Wall A
A45 Scale: 3/4"=1'-0"



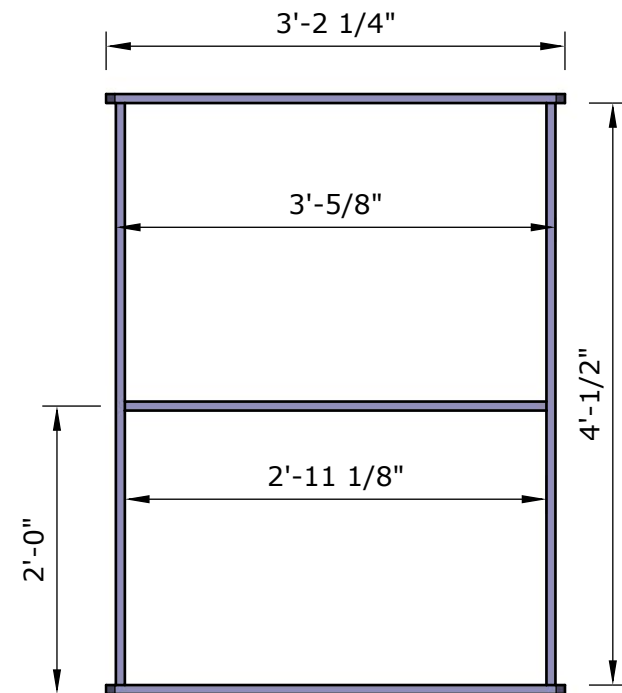
DN Lower Wall C
A45 Scale: 3/4"=1'-0"



• All Framing is 2-5/8"

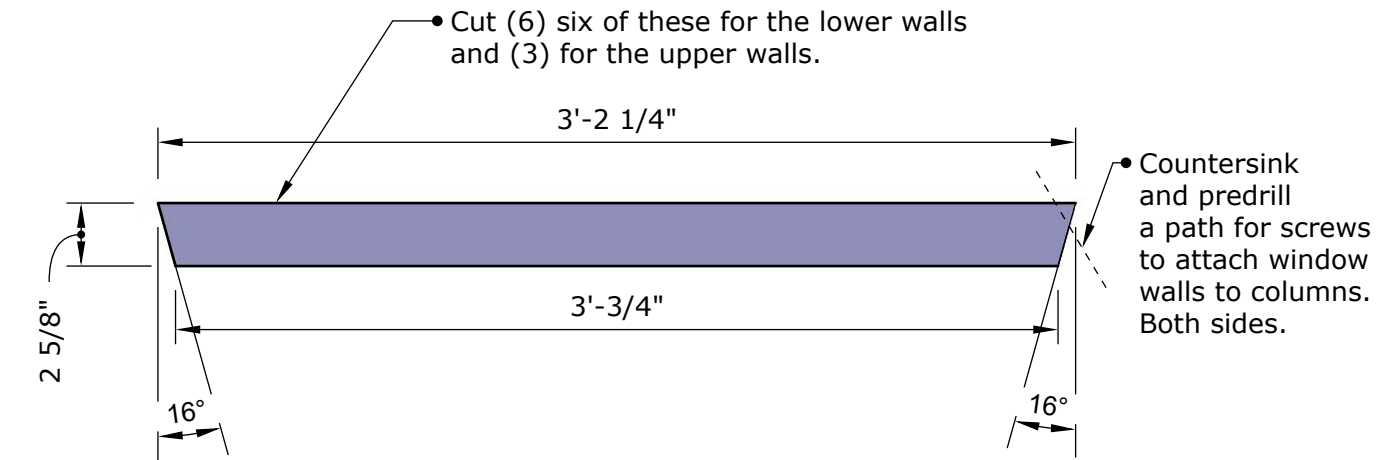


DO Lower Wall B
A45 Scale: 3/4"=1'-0"



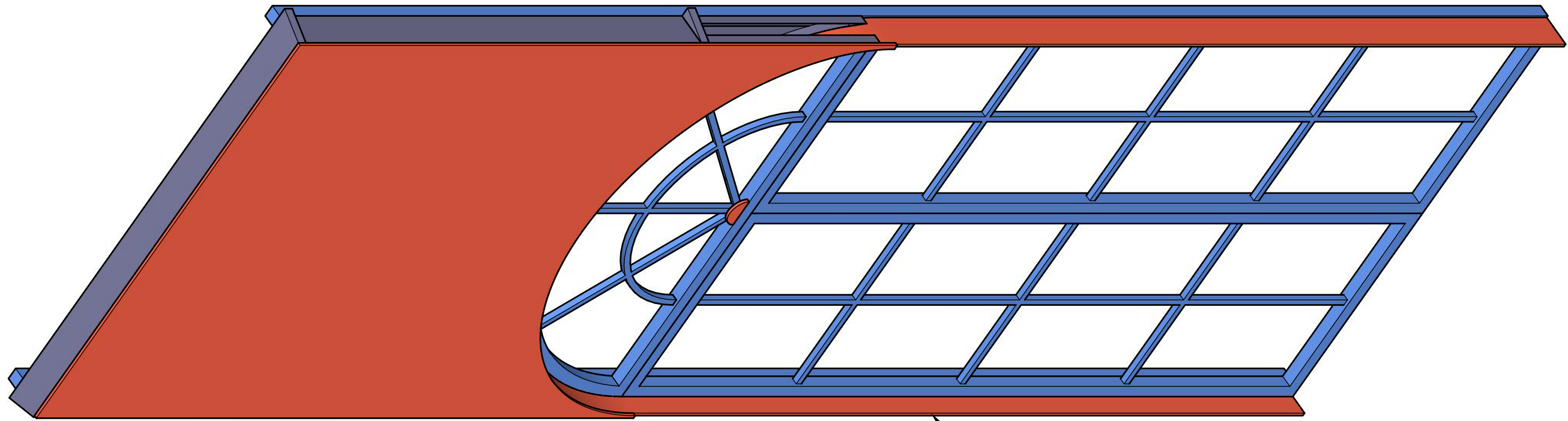
Notes:

- +Lumber: Use 3/4 ply (gray). 1/4 ply facing (red).
- +Glue and screw framing. Glue and staple facing.



DQ Top and Bottom Framing Detail
A45 Scale: 1-1/2"=1'-0"

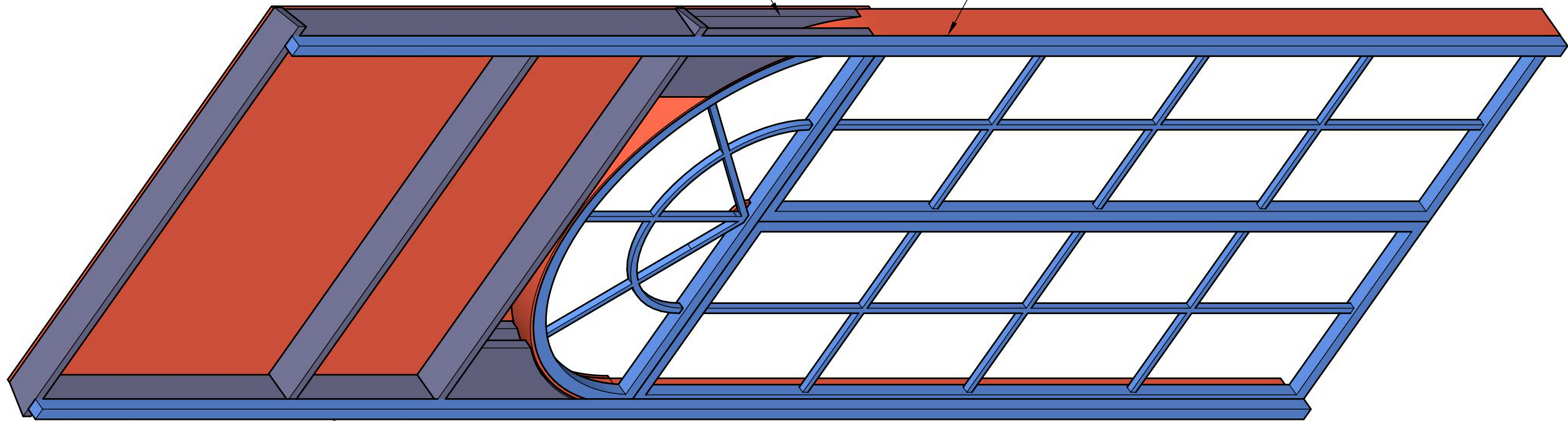
Window Walls - Lower Walls	Print on 11 x 1	Arizona Broadway Theater	Scale: Varies	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame		Date: 12/21/20	Director: Michael We	SM: Leigh Treat
#45					



DS Wall A - Front Iso
A46 Scale: 1-1/2"=1'-0"

Corner braces. One in front one in back.

Steel Brace on US Face. Helps connect framing between window and upper wall. Weld brace to window.



DR Wall A - Back Iso
A46 Scale: 1-1/2"=1'-0"

Use three or four screws to attach steel to plywood frame above window.

Scale: 1-1/2" =

Scenic Design: D. Claf

Date: 12/21/20

Arizona Broadway Theater

Window Walls - Upper Walls Isos

#46

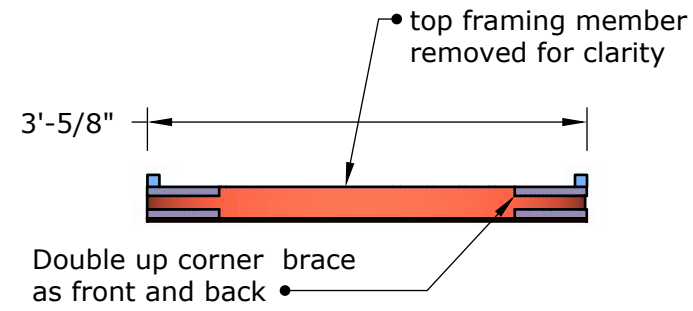
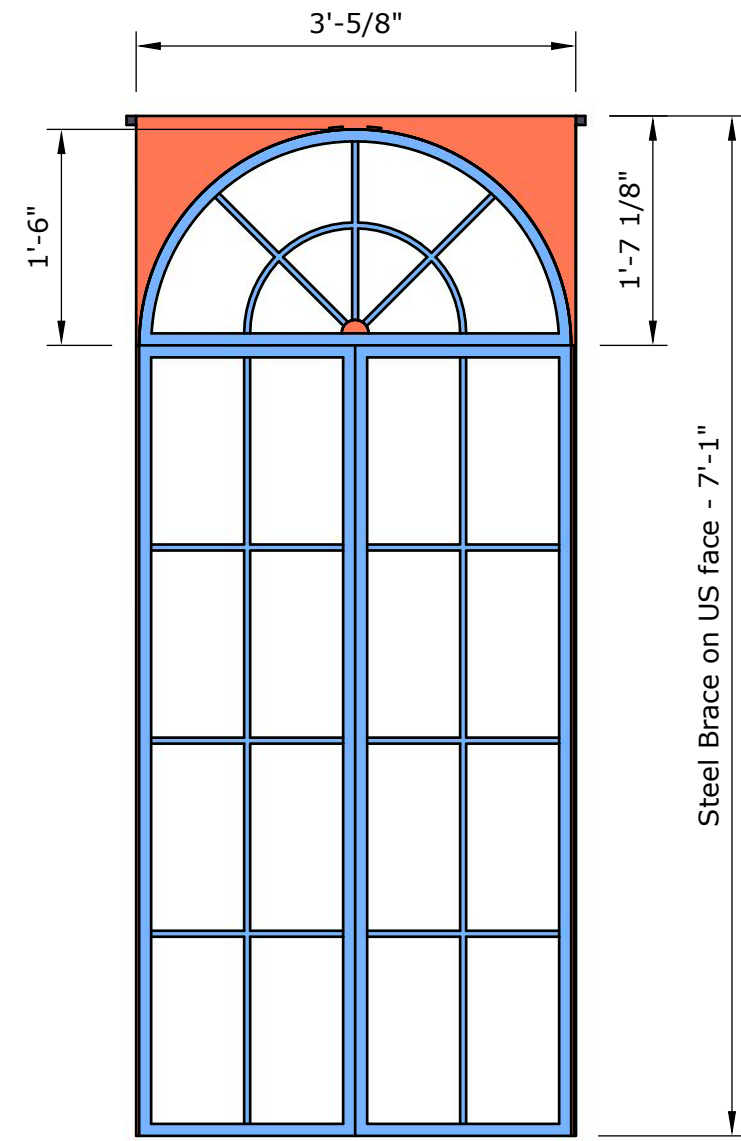
Drafted By: Doug Dio

Director: Michael We

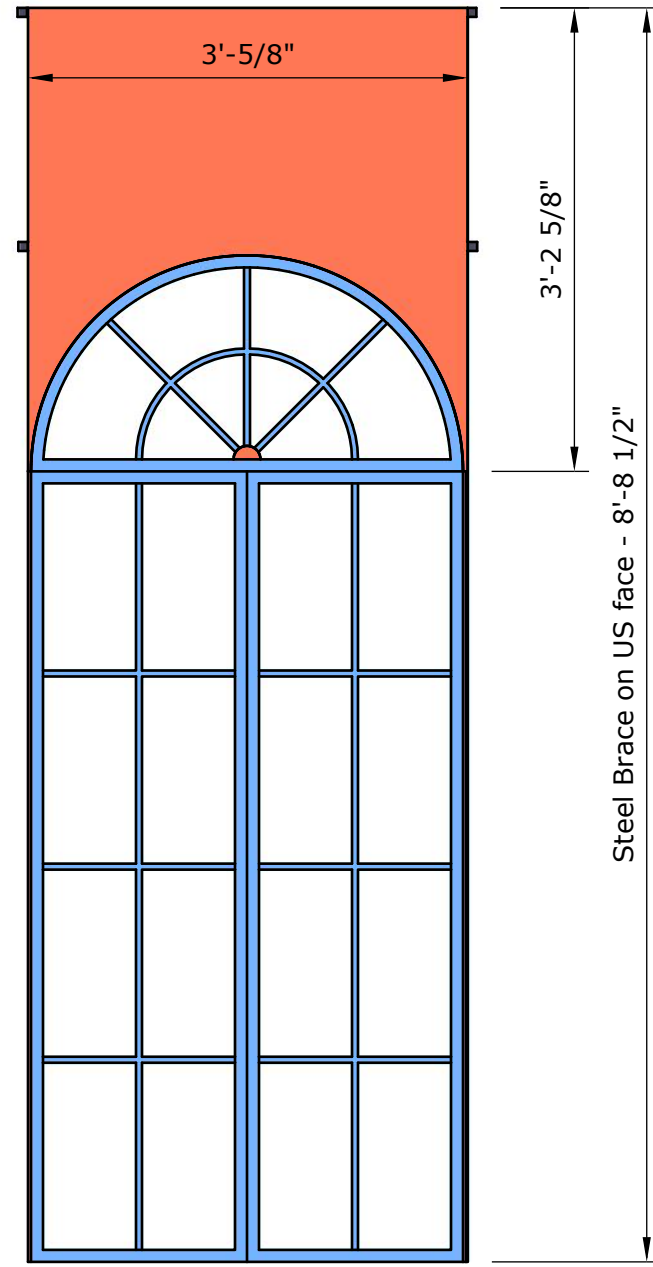
SM: Leigh Treat

Print on 11 x 1

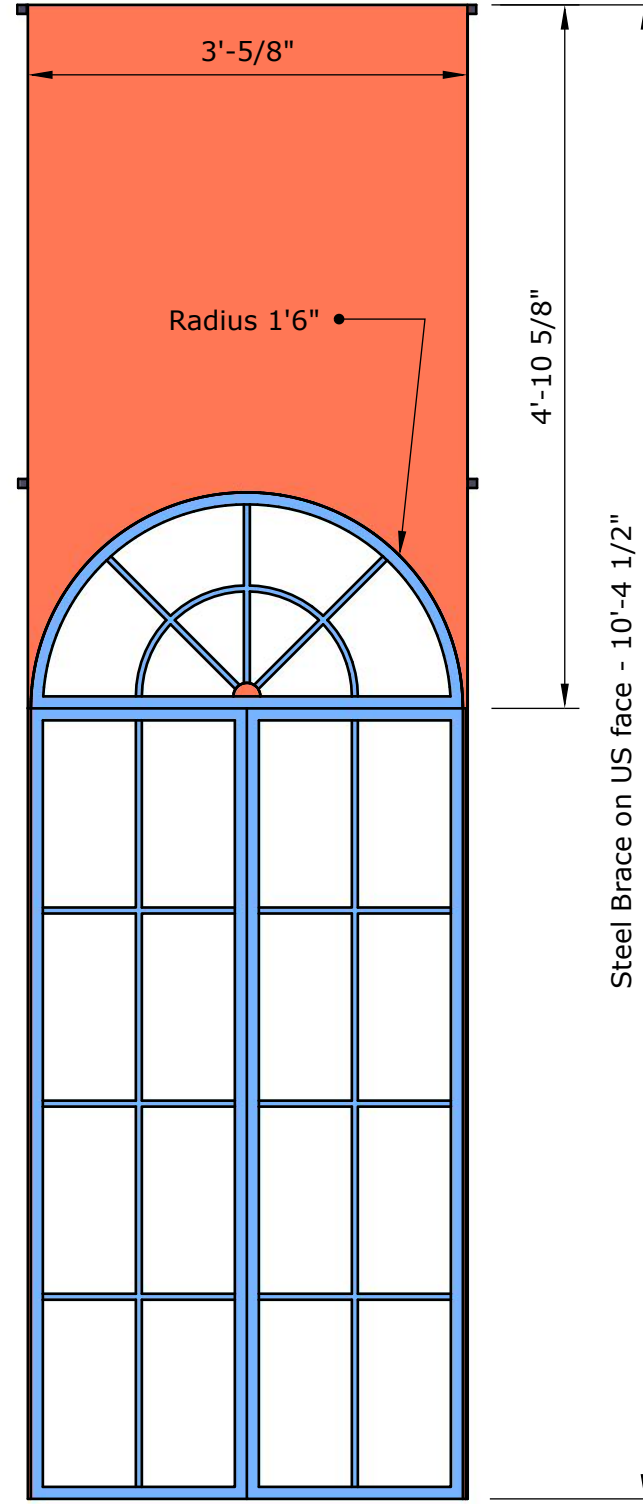
Mame



DT Wall C
A47 Scale: 3/4" = 1'-0"



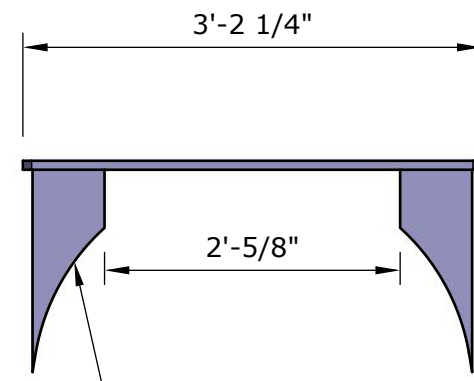
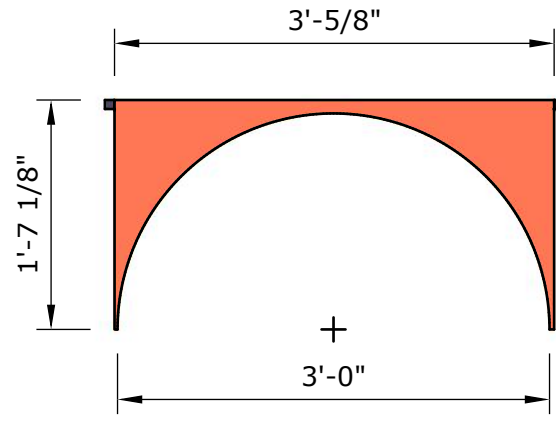
DU Wall B
A47 Scale: 3/4" = 1'-0"



DV Wall A
A47 Scale: 3/4" = 1'-0"

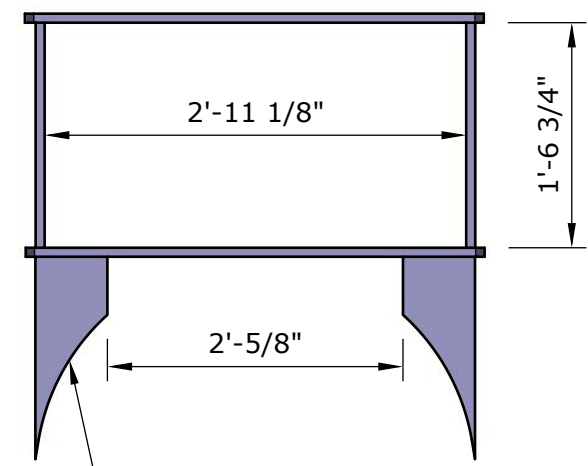
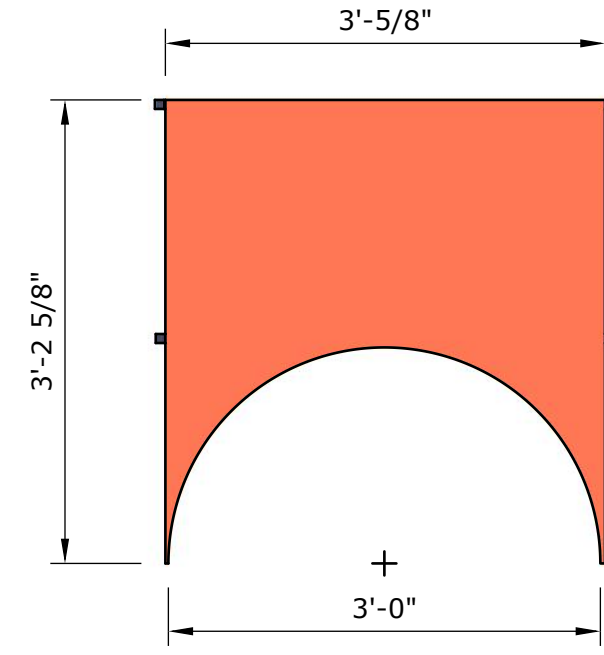
Notes:
 +Lumber: Use 3/4 ply (gray). 1/4 ply facing (red).
 +Steel: Build steel windows before getting to this stage.
 +Glue and screw framing. Glue and staple facing.

Window Walls - Upper Walls Isos	Arizona Broadway Theater	Scale: 3/4" = 1'	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Print on 11 x 1	Date: 12/21/20	Director: Michael We SM: Leigh Treat



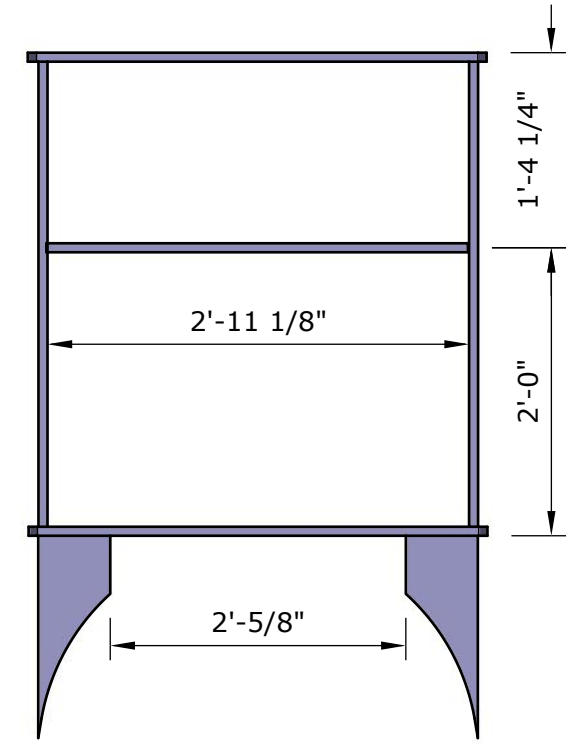
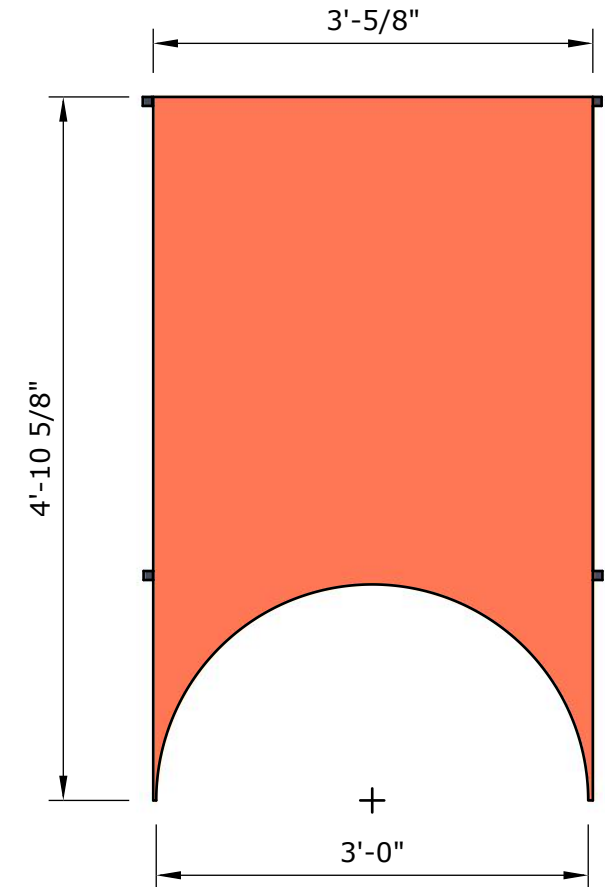
• Corner braces are set back 1/4" from the facing half circle cut in the facing to account for the wrapped facing thickness.

DW Wall C
A48 Scale: 3/4" = 1'-0"



• See Plate 49 for full size cut out.

DX Wall B
A48 Scale: 3/4" = 1'-0"

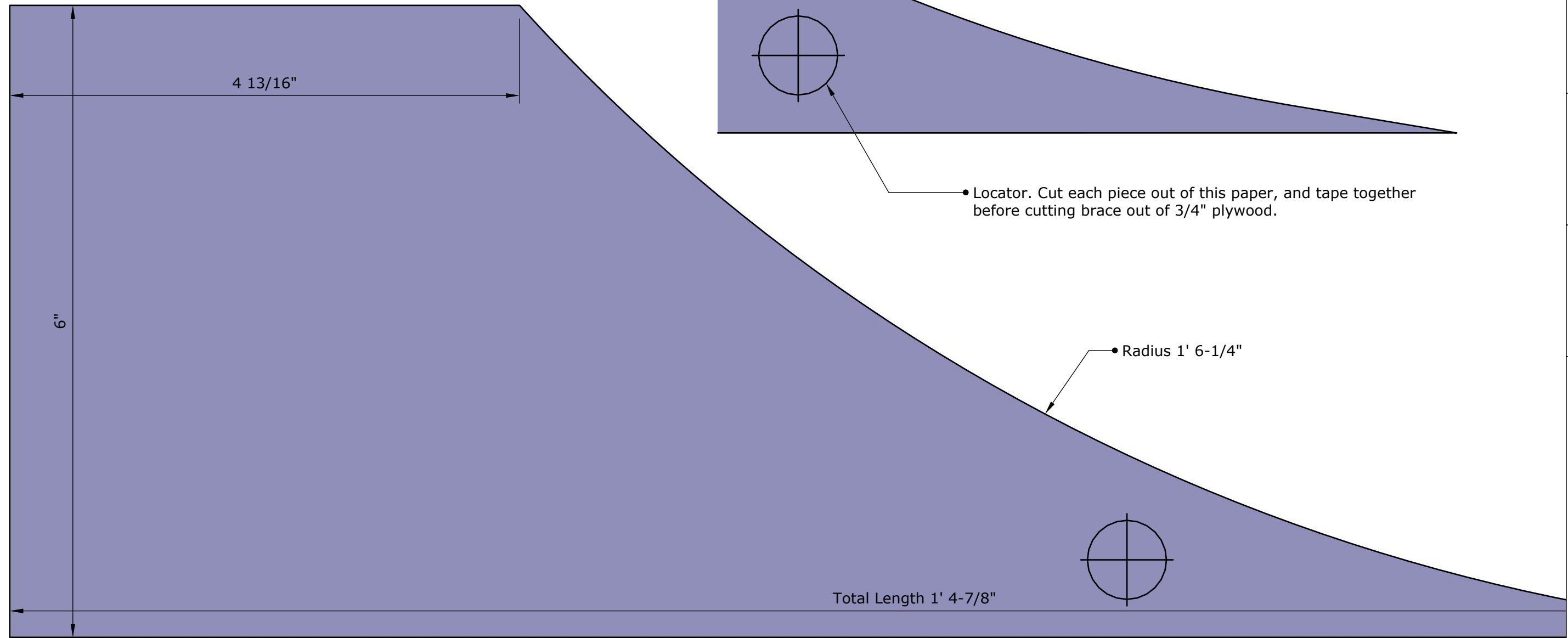


DY Wall A
A48 Scale: 3/4" = 1'-0"

Notes:
 +Lumber: Use 3/4 ply (gray). 1/4 ply facing (red).
 +Attach 1/4 ply to steel window arch and join the two units with
 +Glue and screw framing. Glue and staple facing.

#48	Window Walls - Upper Walls Isos		Arizona Broadway Theater	Scale: 3/4" = 1'	Scenic Design: D. Claf	Drafted By: Doug Dio
	Mame	Print on 11 x 11		Date: 12/21/20	Director: Michael We	SM: Leigh Treat

Notes:
 +Lumber: Use 3/4" plywood for corner braces
 +Cut (12) Twelve



• Locator. Cut each piece out of this paper, and tape together before cutting brace out of 3/4" plywood.

• Radius 1' 6-1/4"

Total Length 1' 4-7/8"

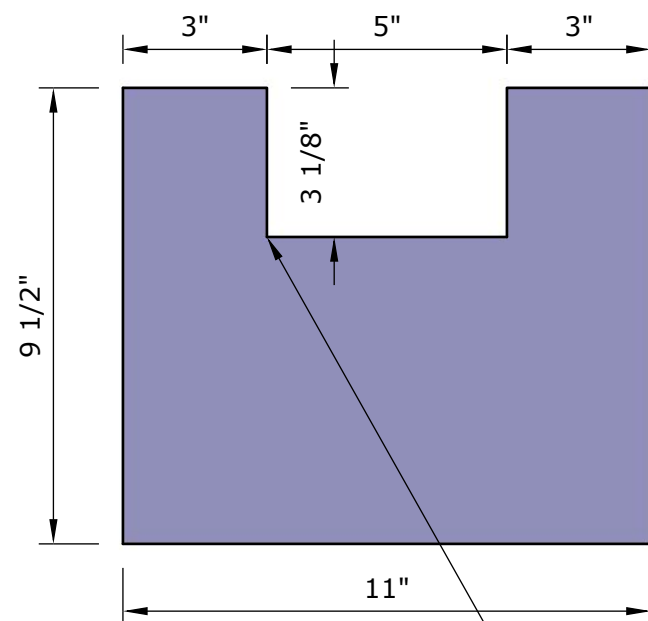
Corner Brace Detail	Arizona Broadway Theater	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Date: 12/21/20	Director: Michael We SM: Leigh Treat
		Scale: 1:1	

Notes:

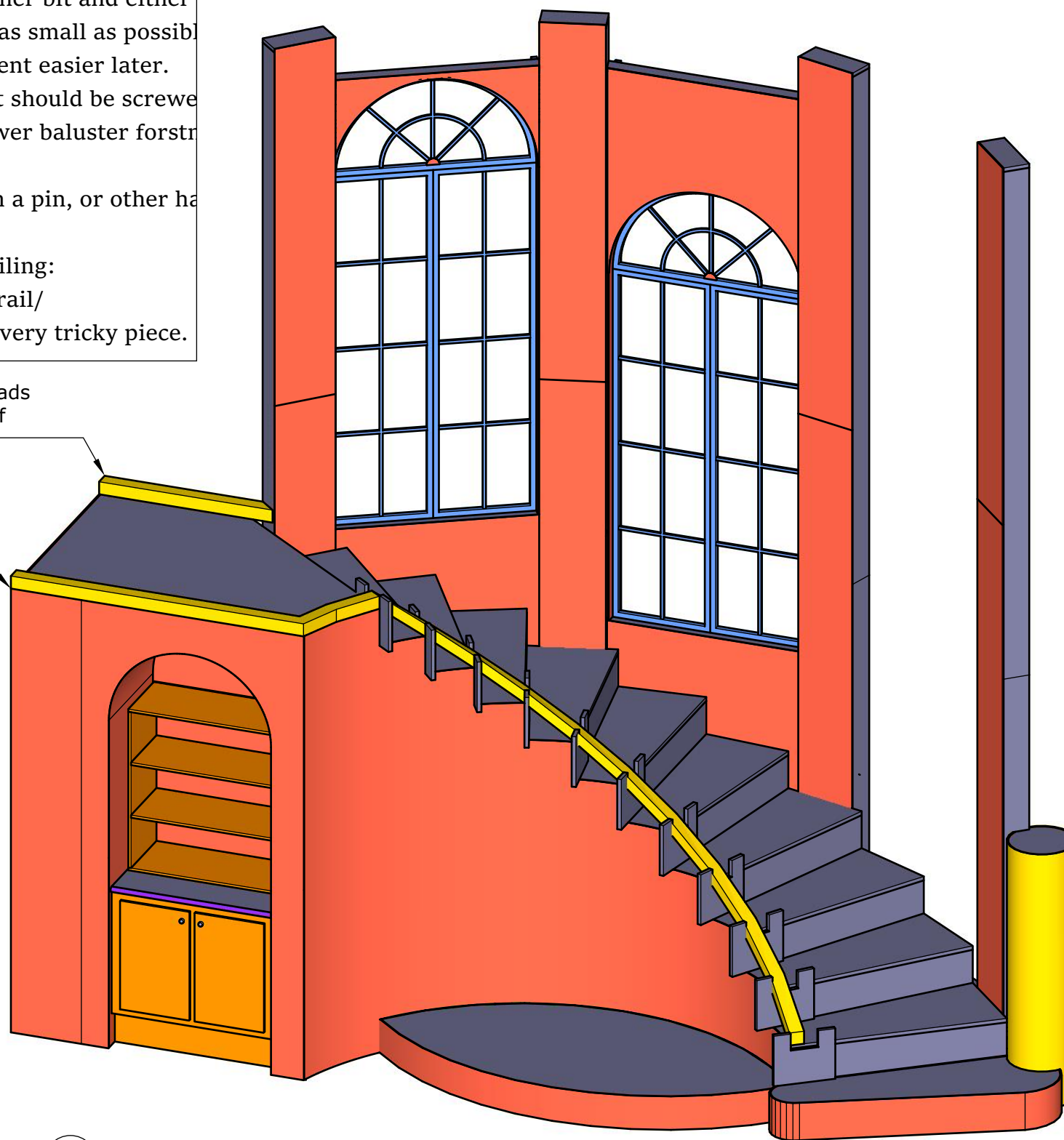
- +Baluster attachment at top should be drilled out with a forstner bit and either nails squirted into the recess. The forstner bit hole should be as small as possible.
- +Baluster attachment at bottom is similar but a tiny L bracket should be screwed to the tread - probably every other step or third step? Lower baluster forstner bit hole should be a little larger so that each baluster can be plumbed.
- +The railing could also be rigged on the SR side to attach with a pin, or other hardware to attach to an escape stair handrail.
- +Check out this guide for a step by step of how to bend the railing: <https://houseofforgings.net/how-to-bend-wooden-stair-handrail/>
- +I'm happy to talk through any steps in the process. This is a very tricky piece.

After layout and fitting on the treads see designer drawing for layout of balusters.

Railing aligned flush with facing when possible



Inside corner aligns with outside corner of faced step.



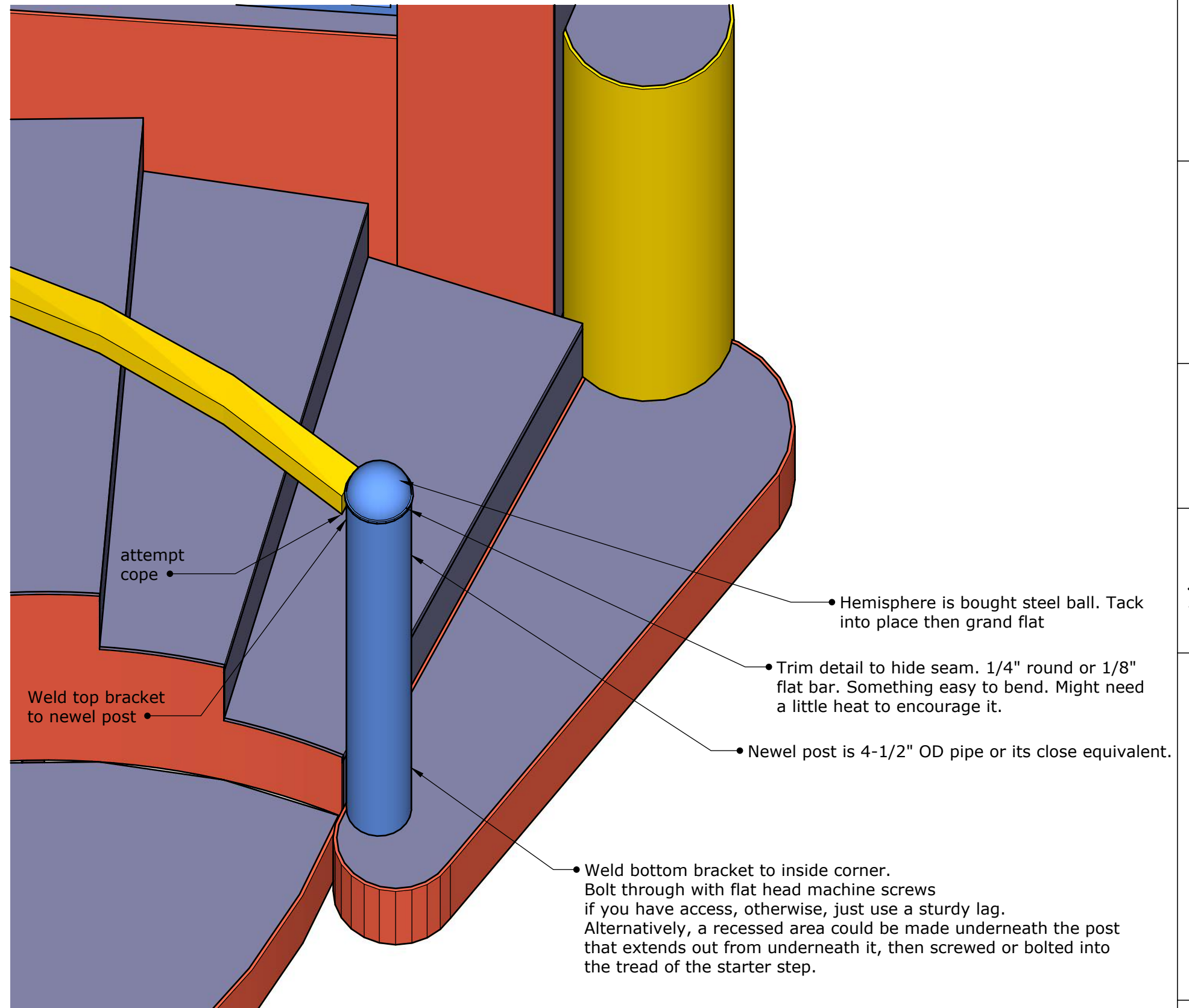
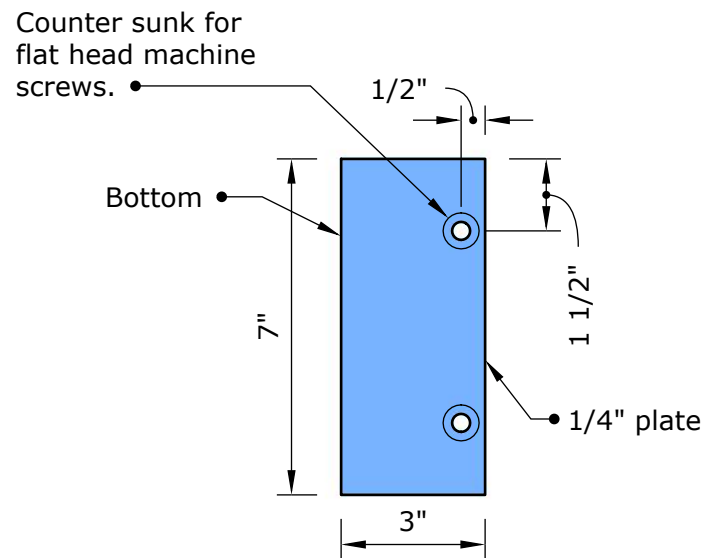
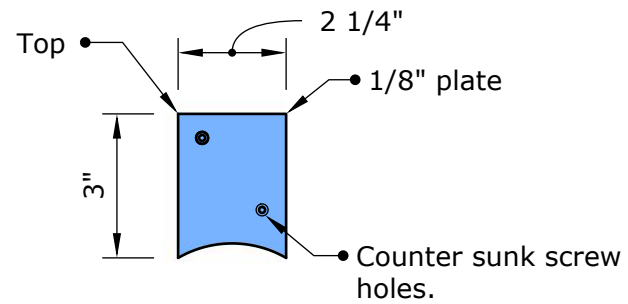
DZ Railing Jig
A50 Scale: 3" = 1'-0"

EA Railing Layout
A50 Scale: NTS

Railing Jig Layout	Print on 11 x 11	Arizona Broadway Theater	Scale: Varies	Scenic Design: D. Clark	Drafted By: Doug Dio
	Mame		Date: 12/21/20	Director: Michael We	SM: Leigh Treat
#50					

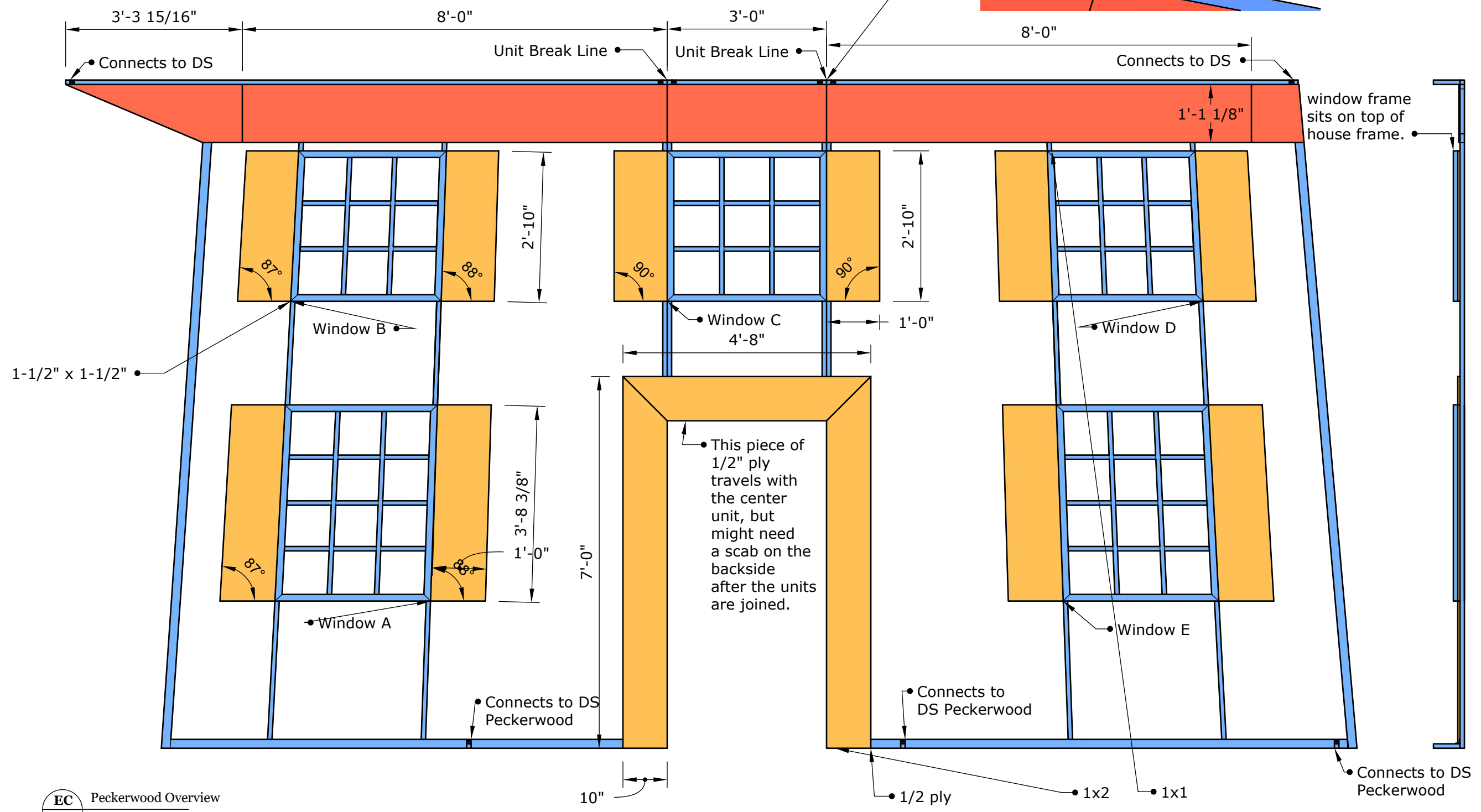
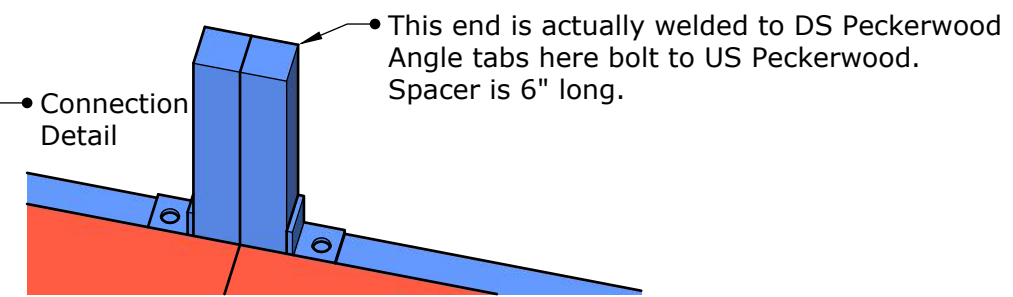
Notes:

- +Newell post will need some creative bracketing. I see a welded to the post that bolts/screws to the underside of be as subtle as possible but sturdy. Pre-drill in railing to avoid splitting.
- +Bottom of Newell post will need to be bolted as well. Pe on the face of the rise its adjacent to.
- +Attempt to cope bottom of handrail to contour of Newe



Scale: Varies	Scenic Design: D. Clai	Drafted By: Doug Dio
Date: 12/21/20	Director: Michael We	SM: Leigh Treat
Arizona Broadway Theater		
Newell Post Notes	Print on 11 x 1	
Mame		
#51		

Notes:
 +Lumber: 1/4 ply is red. 1/2 ply is orange.
 +Steel: 1x2 perimeter. Window frames are 1-1/2" box tube. Mullions are 1" box tube.
 +Attach furring strip (1/2" plywood) to US face of frame where necessary to affix guaze
 +Rigging hardware may need to be installed after guaze/scrim is attached.

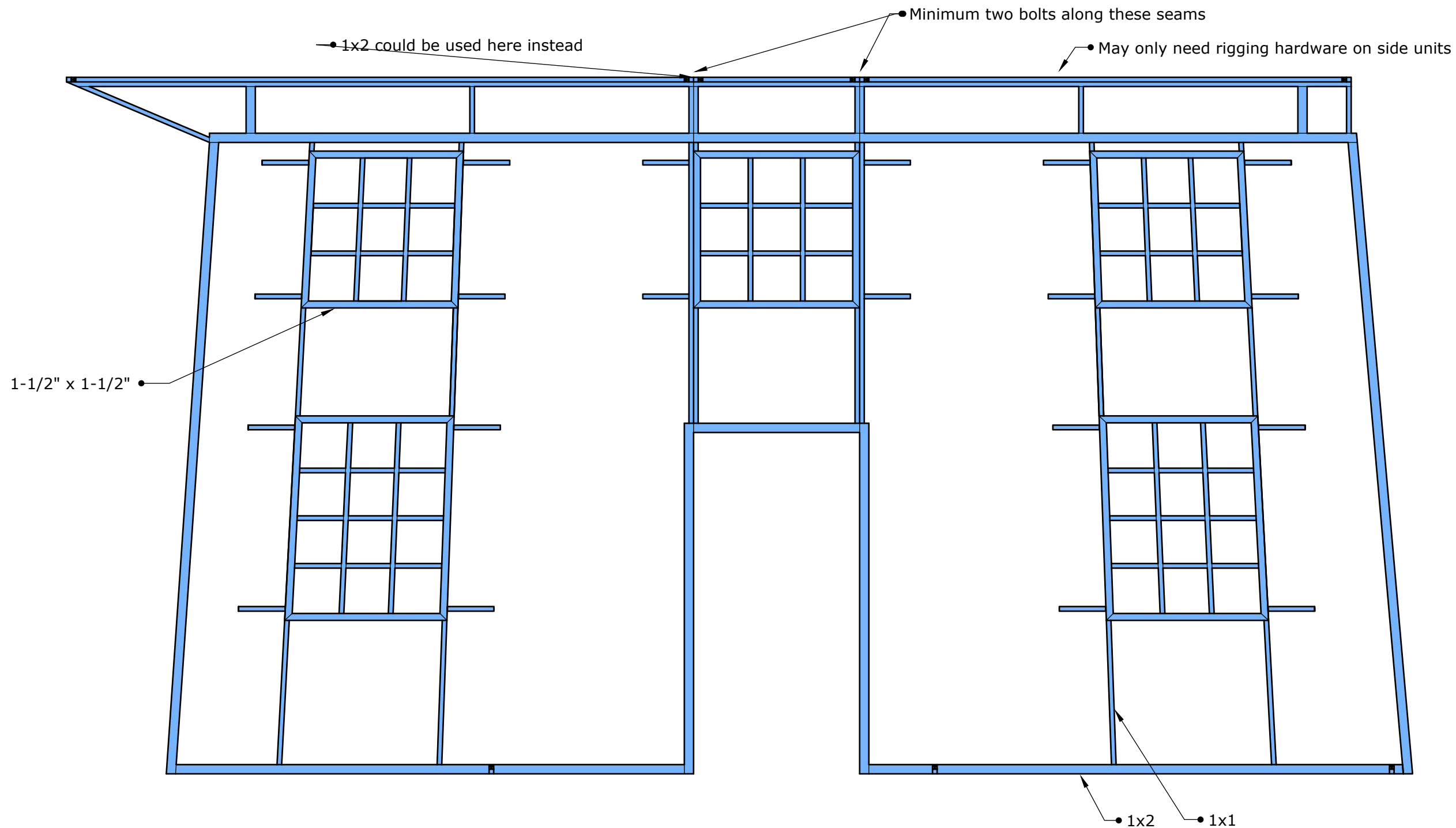


This piece of 1/2" ply travels with the center unit, but might need a scab on the backside after the units are joined.

US Peckerwood Overview v2	Arizona Broadway Theater	Scale: 1/2" = 1'	Scenic Design: D. Clair	Drafted By: Doug Dio
Mame		Date: 12/30/20	Director: Michael We	SM: Leigh Treat
#52				

Notes:

- +Lumber: 1/4 ply is red. 1/2 ply is orange.
- +Steel: 1x2 perimeter. Window frames are 1-1/2" box tube. Mullions are 1" box tube.
- +Attach furring strip (1/2" plywood) to US face of frame where necessary to affix guaz



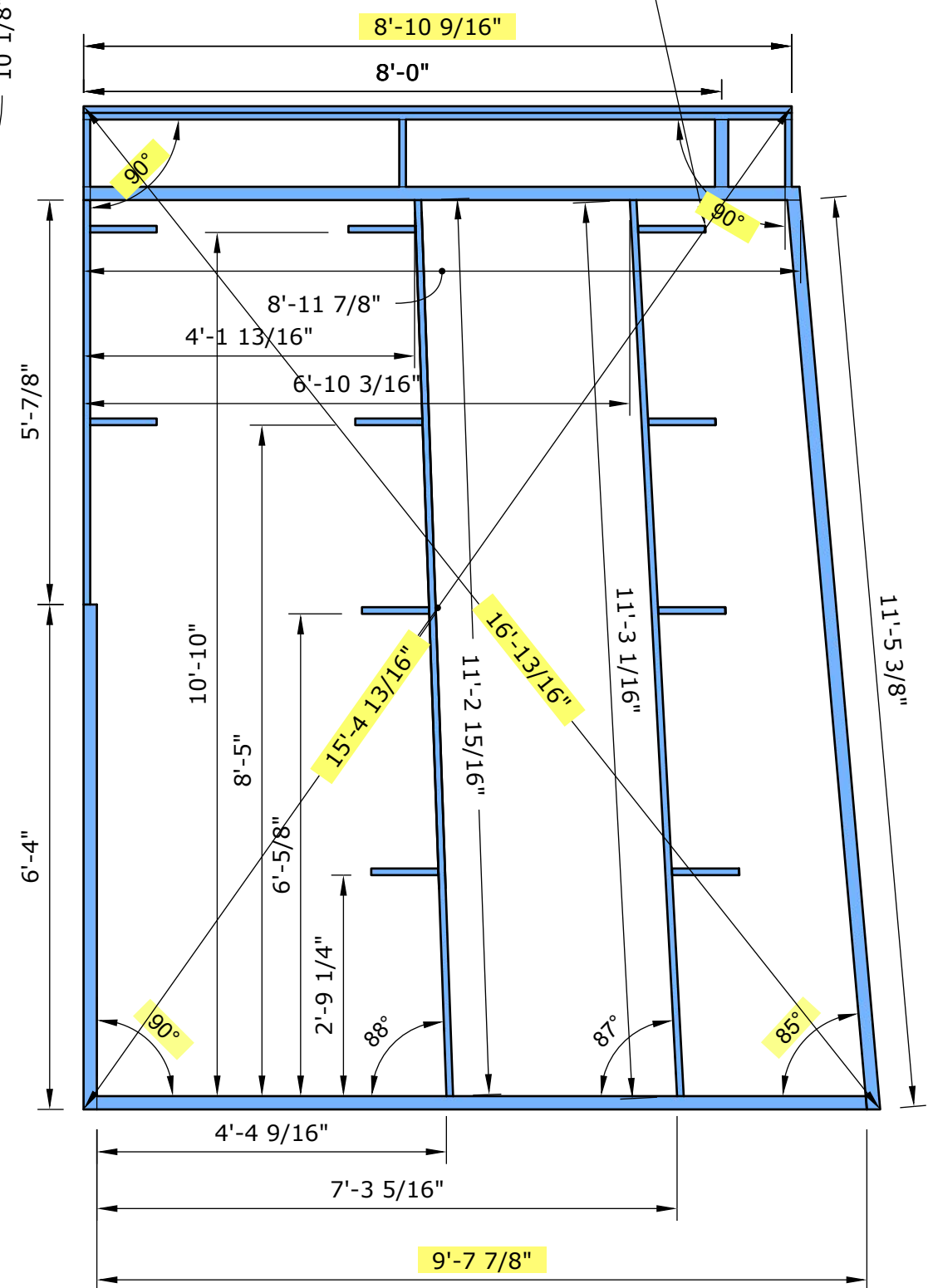
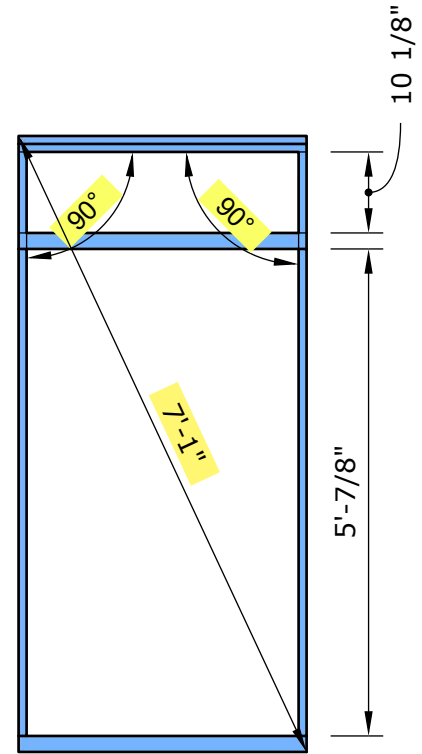
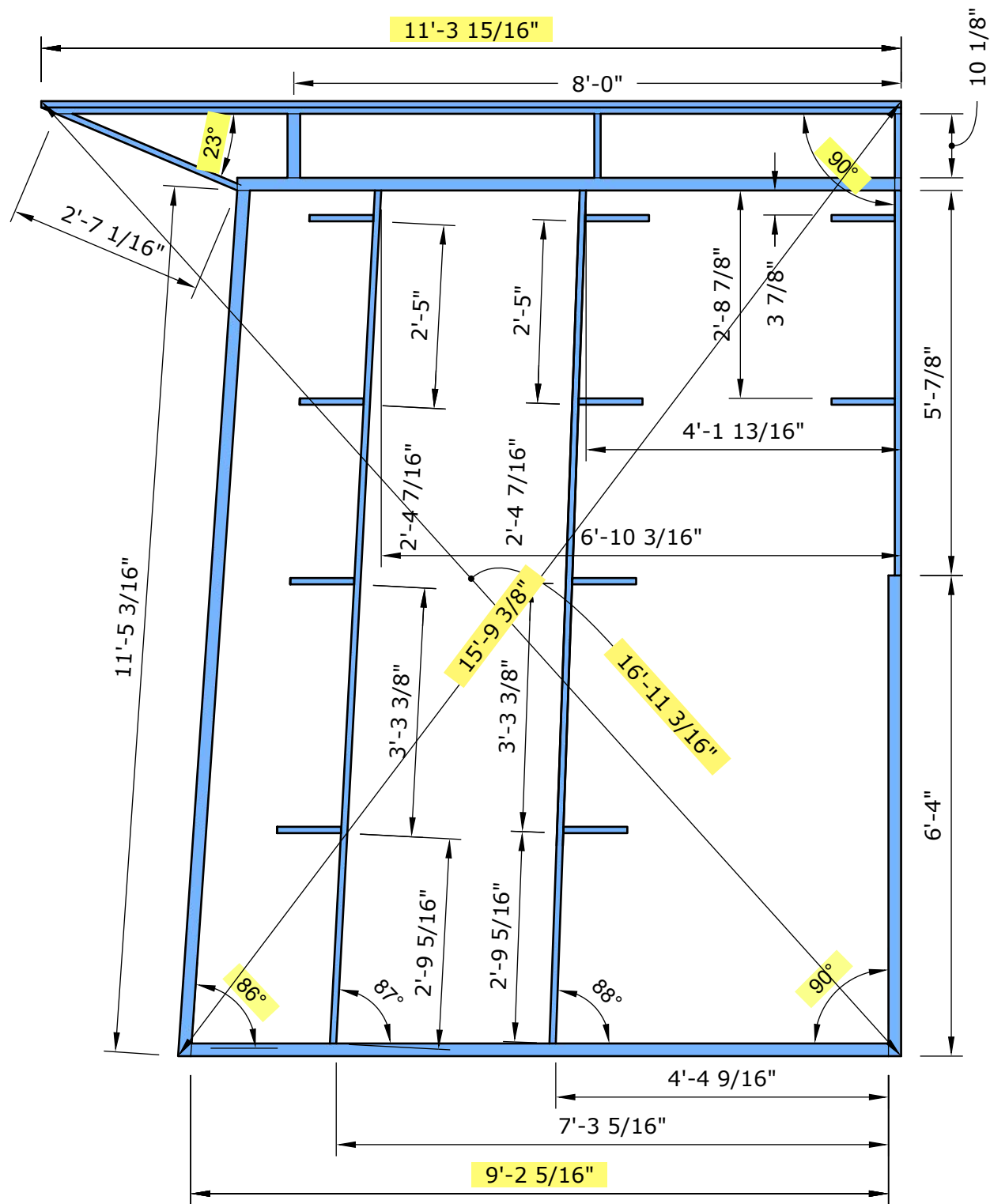
Steel Overview v2	Print on 11 x 11	Arizona Broadway Theater	Scale: 1/2" = 1'	Scenic Design: D. Clark	Drafted By: Doug Dio
			Mame	Date: 12/30/20	Director: Michael We
#53					

Notes:

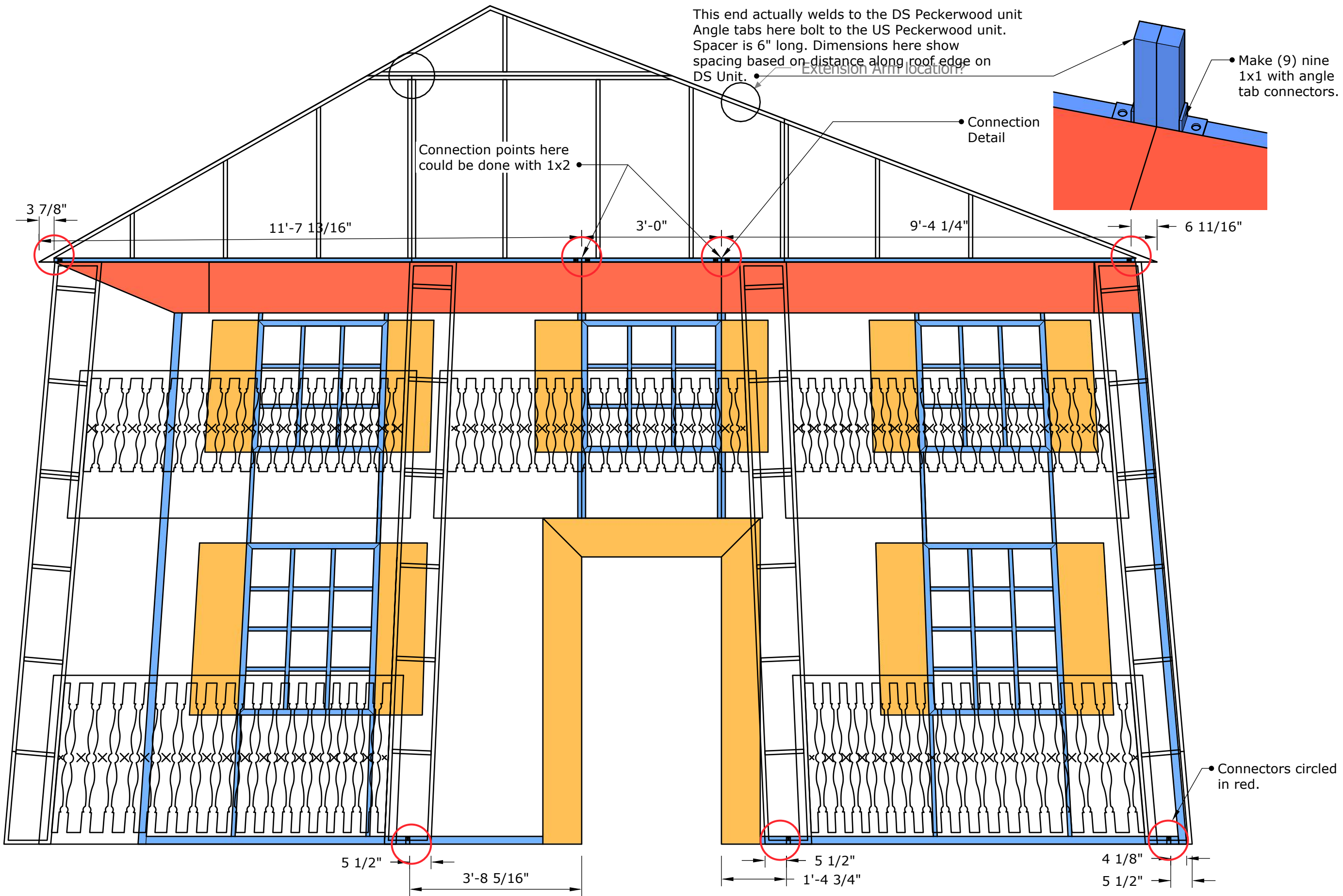
+Lumber: 1/4 ply is red. 1/2 ply is orange.

+Steel: Don't bother with accuracy where it isn't needed. Much of this frame hides behind the DS unit and is covered with wooden trim. Highlighted angles are important. The rest can be rounded down and filled with weld.

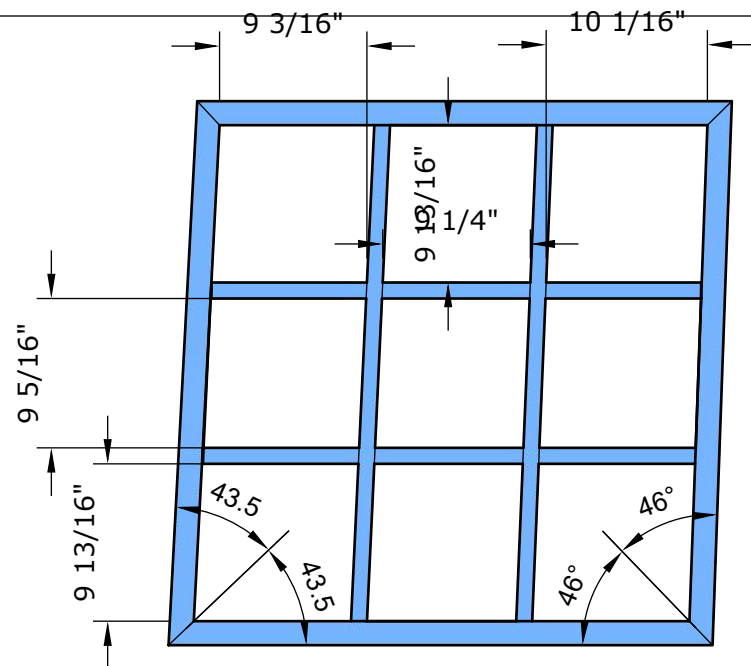
These all hide behind the shutters so no great need here for accuracy on placement or angles cut in them. They are inset 2" on all sides from the edge of the shutters.



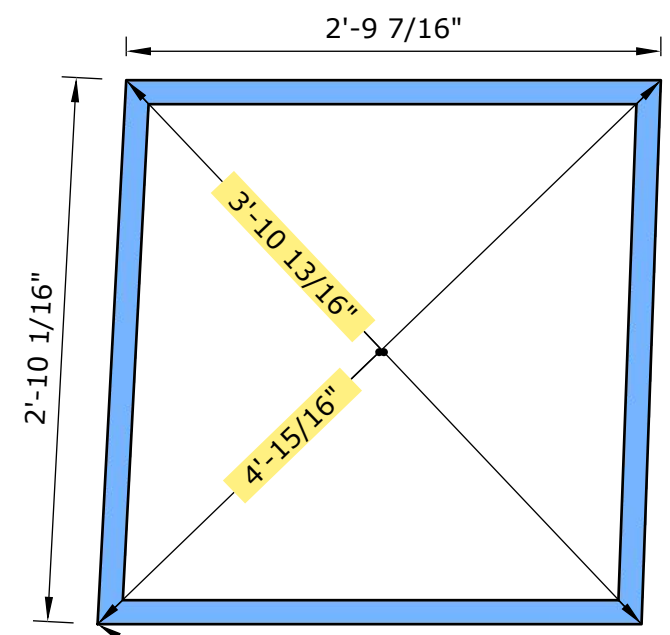
#54	Steel Framing v2	Arizona Broadway Theater	Scale: 1/2" = 1'	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Print on 11 x 1	Date: 12/30/20	Director: Michael We	SM: Leigh Treat



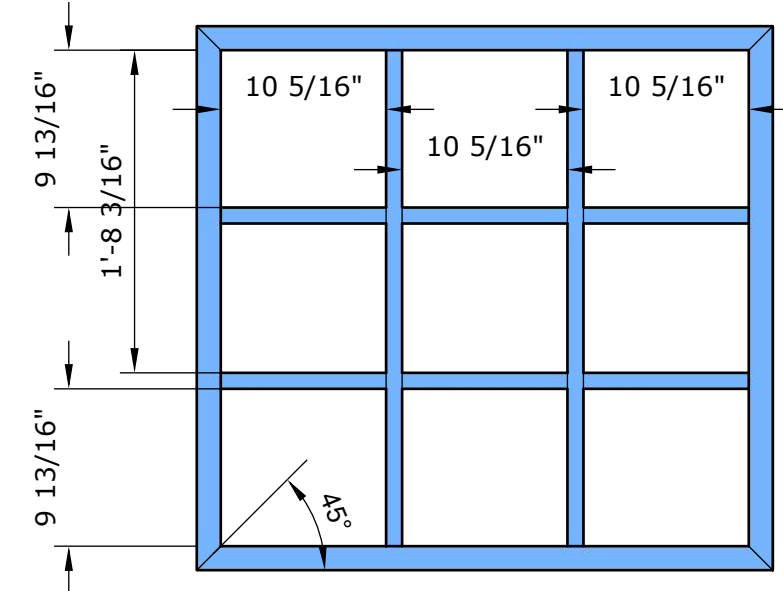
Connection Points between US & DS Un	Arizona Broadway Theater	Scale: 1/2" = 1'	Scenic Design: D. Claf	Drafted By: Doug Dio
	Mame	Print on 11 x 1	Director: Michael We	SM: Leigh Treat
#54.				



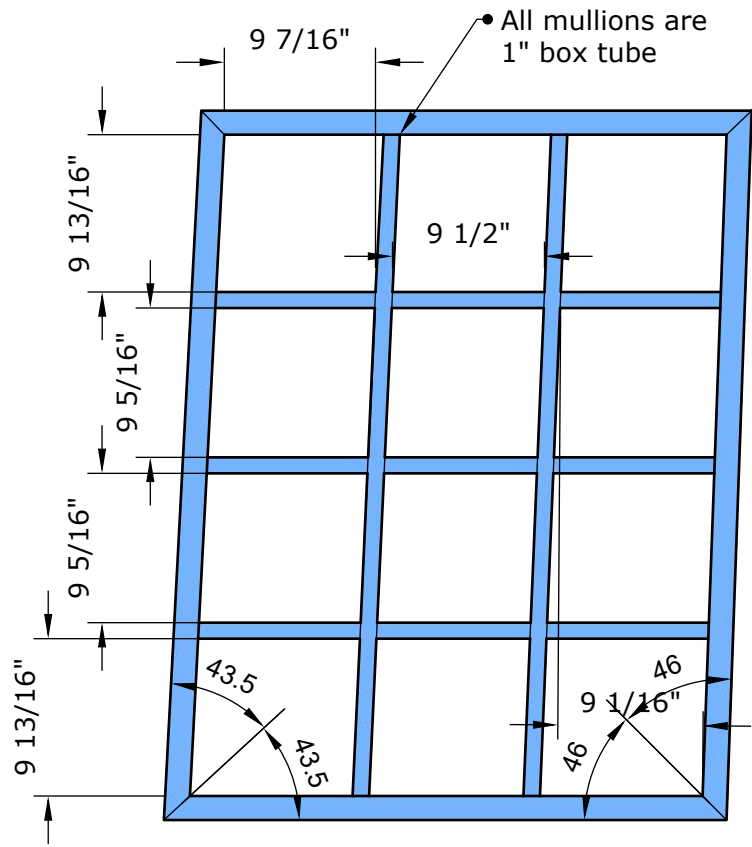
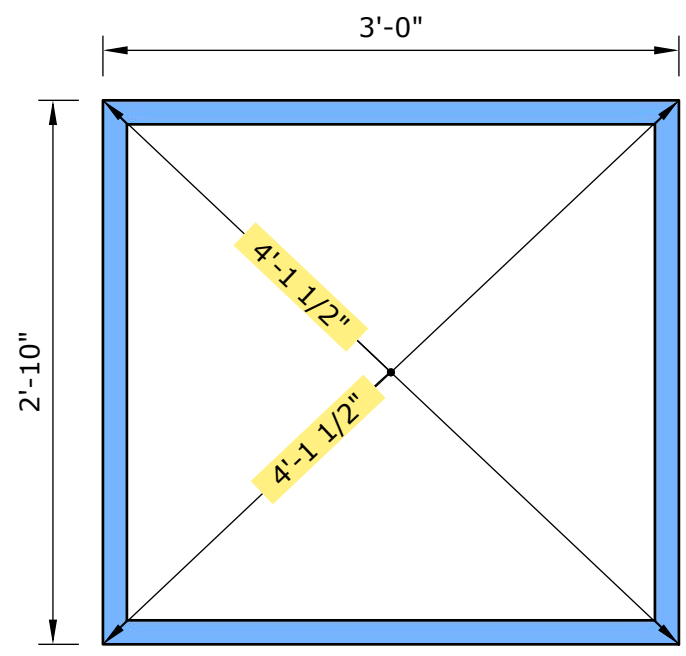
EF Window B + D - Make (2) Two
 A55 Scale: 1" = 1'-0"



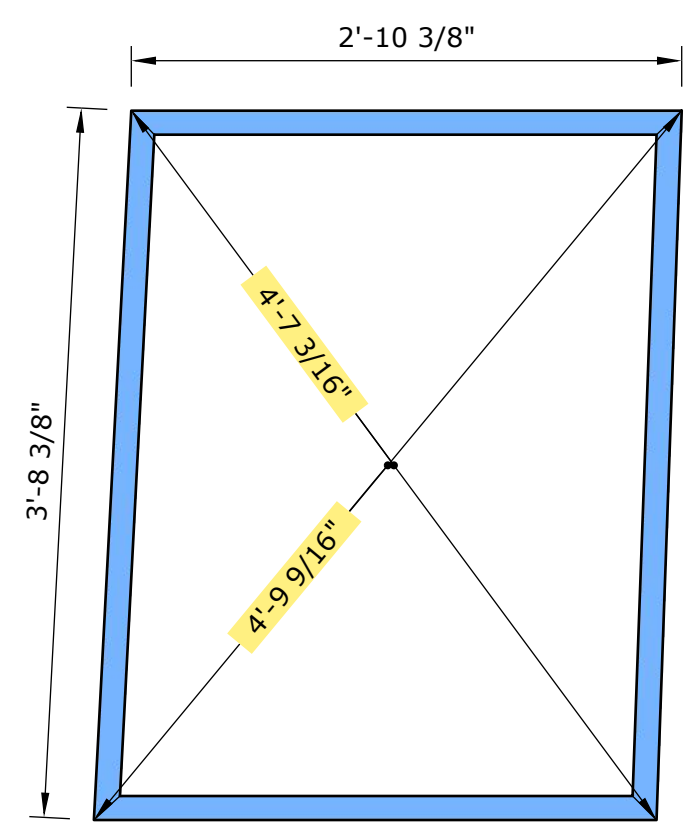
• All Frames 1-1/2" box tube



EG Window C - Make (1) One
 A55 Scale: 1" = 1'-0"



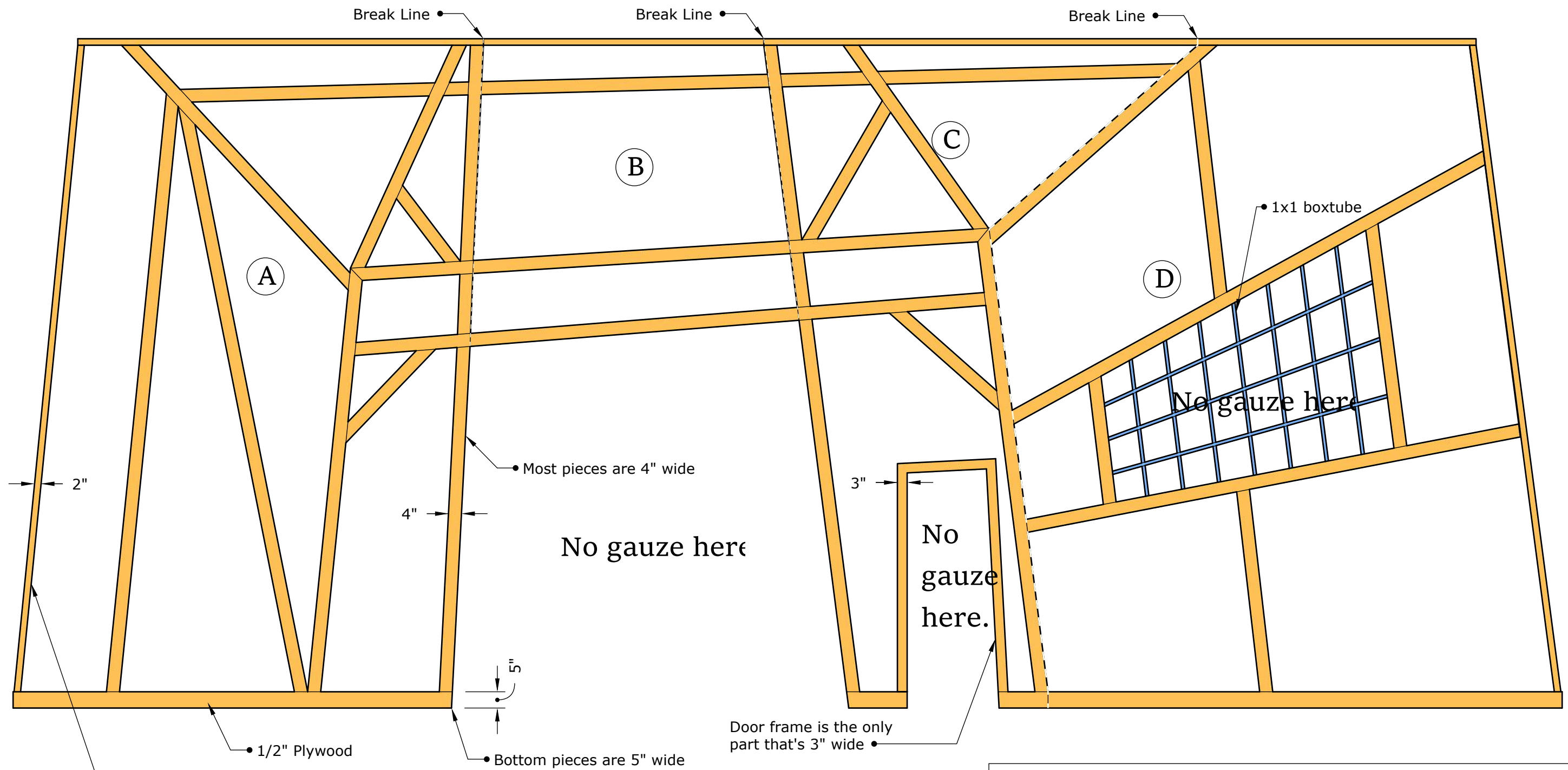
EE Window A + E - Make (2) Two
 A55 Scale: 1" = 1'-0"



• All mullions are 1" box tube

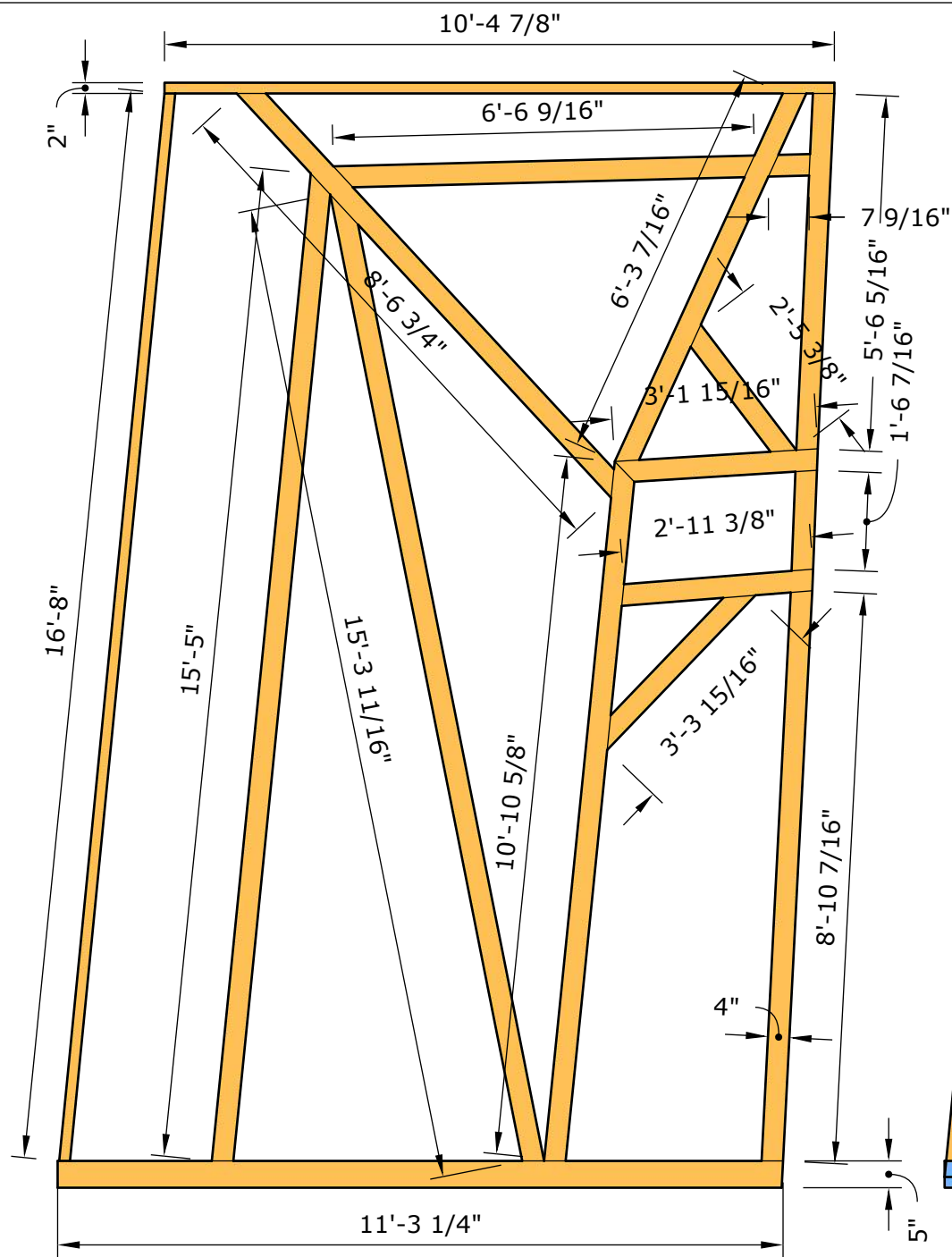
Notes:
 +These might be a good project to have CNC'd out of 3/4 ply. If we're running out can find a good CNC place that does have time, this would be an easy project to see
 + Round down angles and fill seams with weld. Make sure diagonal measurement
 +Vertical mullions aren't parallel to sides but horizontal ones are. Evenly space m
 possible.
 +Avoid welds on inside corners as they goop up the profile. Grind welds flat on U

Window Frame Details	Arizona Broadway Theater	Scale: 1" = 1'-0"	Scenic Design: D. Clai	Drafted By: Doug Dio
	Print on 11 x 1	Date: 12/22/20	Director: Michael We	SM: Leigh Treat
Mame				#55

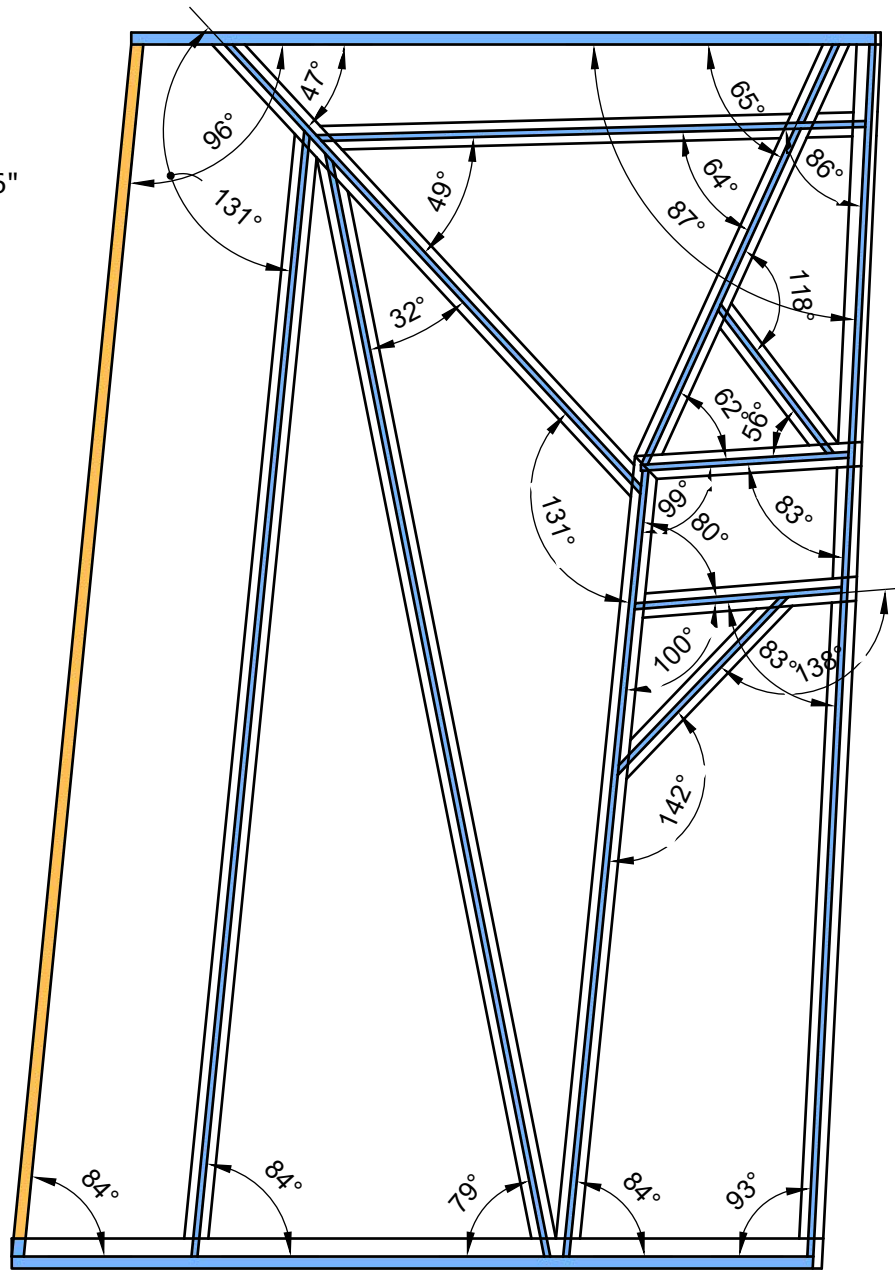


Notes:
 +The window here doesn't fit on a 4x8 sheet so isn't a great candidate for C
 +1/2" plywood for all facing.
 +Use 1x1 and 1x2 box tube for all framing.
 +Bolt units together with minimum two bolts per seam if each unit has its o
 support. More recommended if not individually supported by their own cable
 +Gauze or muslin covers the back side of the entire unit. Attach 1/2" plywood
 US face of steel frame as often as necessary to staple fabric. Rigging hardware
 to be installed after fabric.

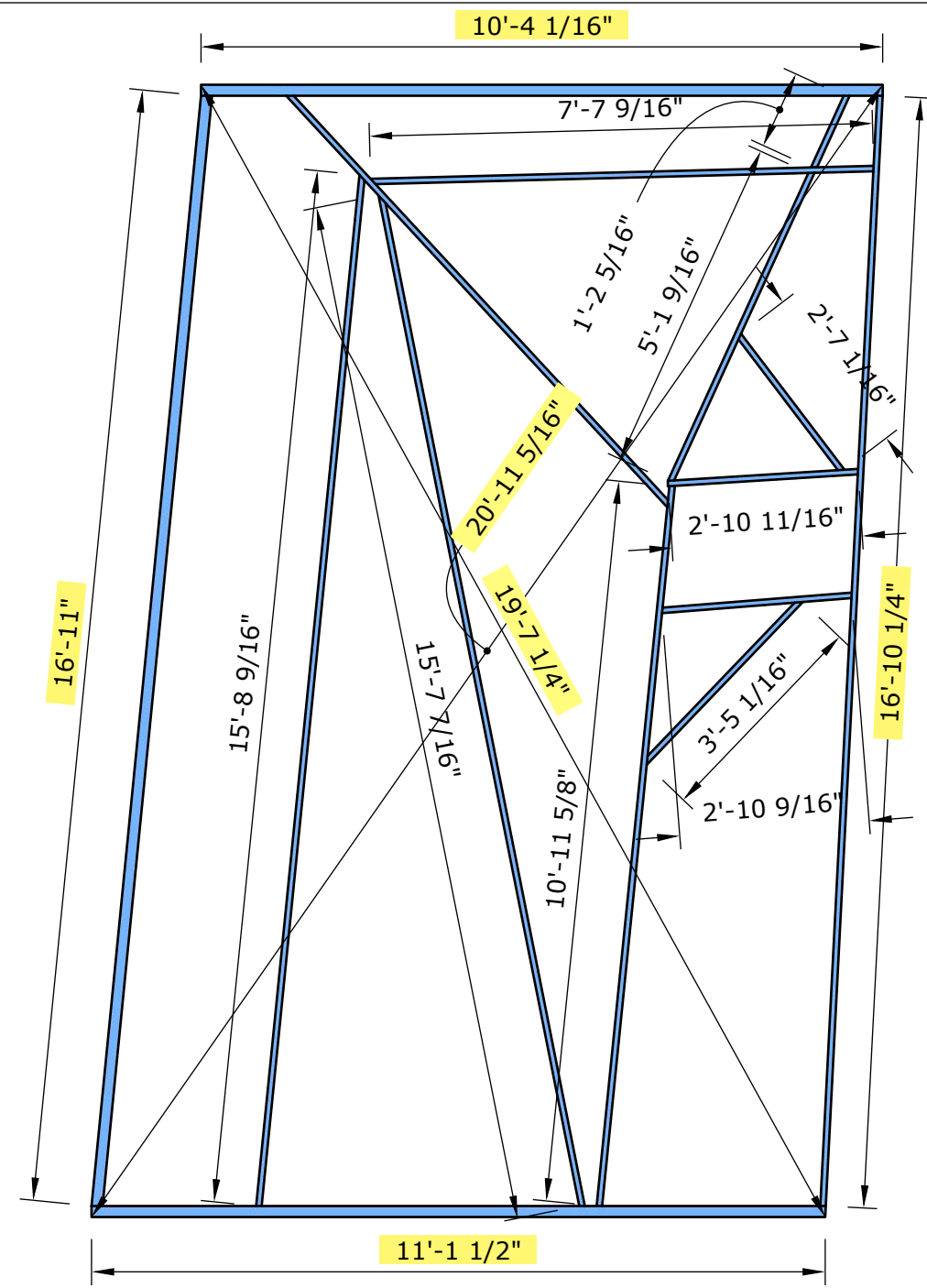
#56	Upson Barn Overview		Arizona Broadway Theater	Scale: 3/8" = 1'	Scenic Design: D. Cla	Drafted By: Doug Dio
	Mame	Print on 11 x 1		Date: 12/23/20	Director: Michael We	SM: Leigh Treat



EH Unit A
A57 Scale: 3/8" = 1'-0"



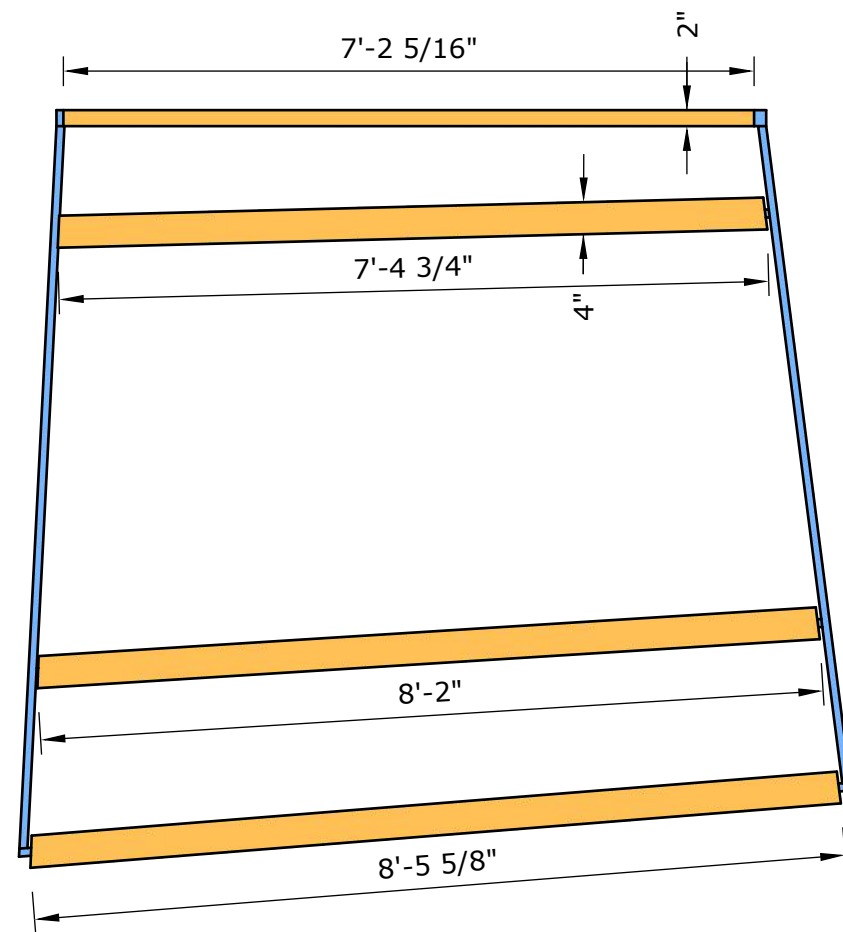
EI Board Layout on Frame
A57 Scale: 3/8" = 1'-0"



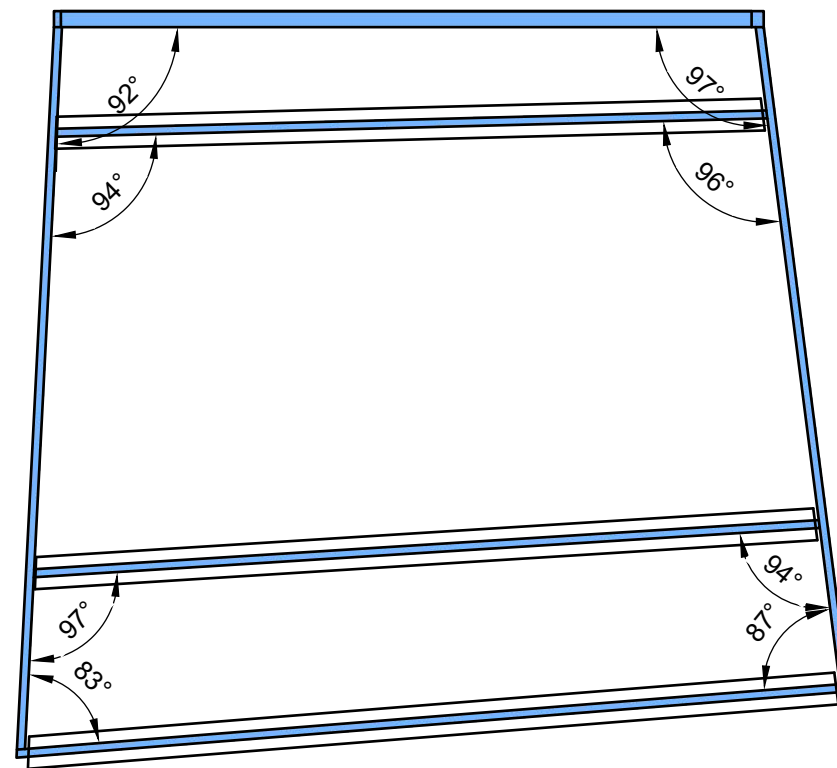
EJ Framing
A57 Scale: 3/8" = 1'-0"

Notes:
 +1/2" plywood for all facing.
 +Use 1x1 and 1x2 box tube for all framing.
 +Bolt units together with minimum two bolts per seam if each unit has its own support. More recommended if not individually supported by their own cables.
 +Lots of opportunity to make the actual thing look kinda like this. Do not feel constrained by these dimensions and angles. Do hold close to the yellow highlighted dimensions.

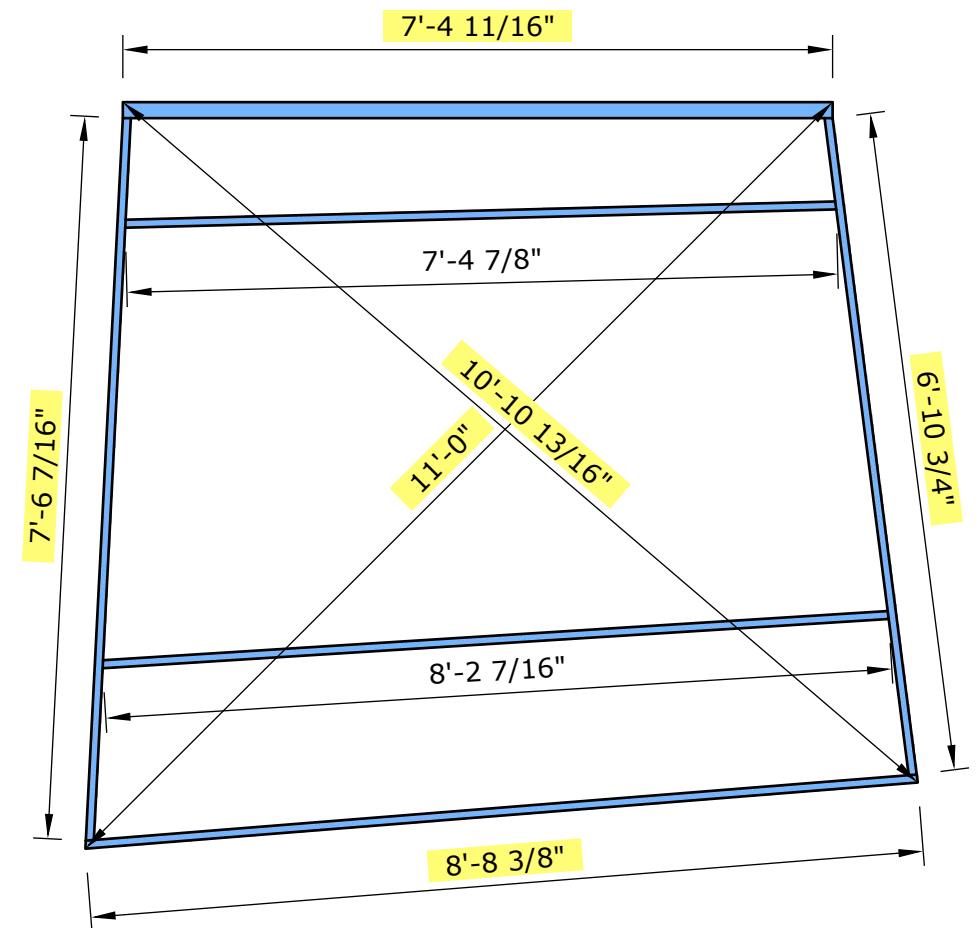
#57	Upson Barn - A		Arizona Broadway Theater	Scale: 3/8" = 1'	Scenic Design: D. Clark	Drafted By: Doug Dio
	Mame	Print on 11 x 17		Date: 12/23/20	Director: Michael We	SM: Leigh Treat



EK Unit B
A58 Scale: 3/8" = 1'-0"



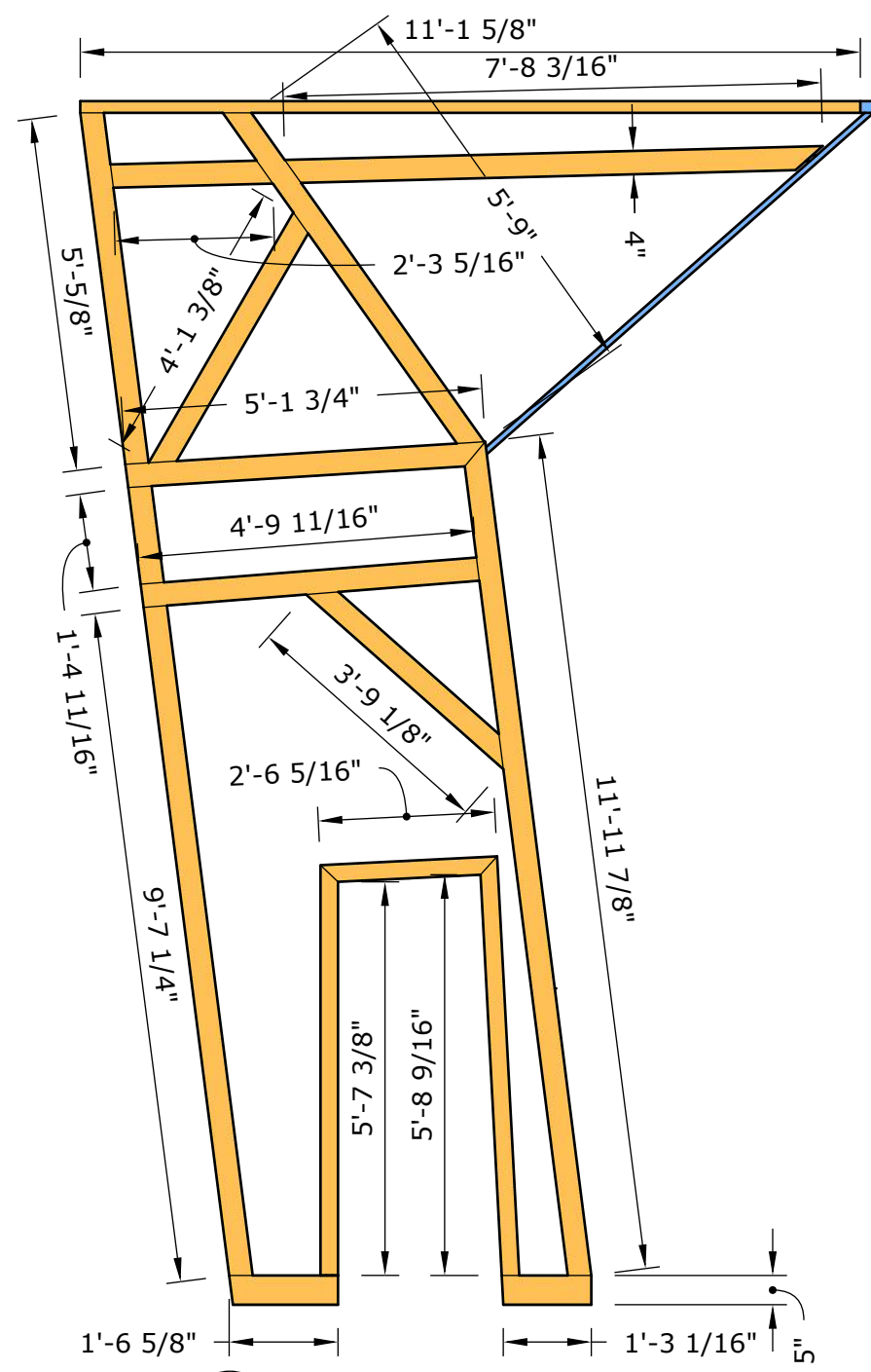
EL Board Layout on Frame
A58 Scale: 3/8" = 1'-0"



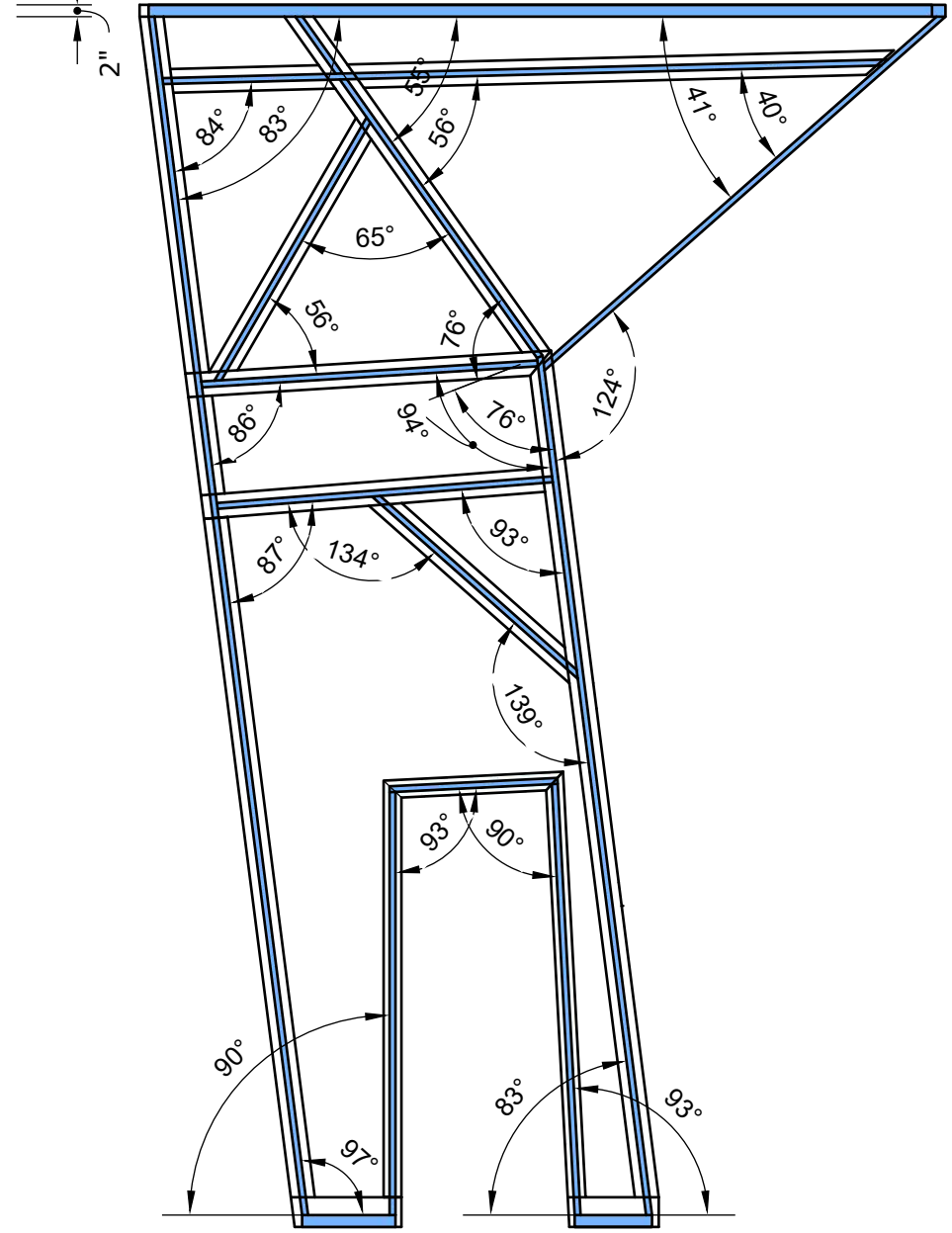
EM Framing
A58 Scale: 3/8" = 1'-0"

Notes:
 +1/2" plywood for all facing.
 +Use 1x1 and 1x2 box tube for all framing.
 +Bolt units together with minimum two bolts per seam if each unit has its own support. More recommended if not individually supported by their own cable.
 +Lots of opportunity to make the actual thing look kinda like this. Do not feel constrained by these dimensions and angles. Do hold close to the yellow highlighted dimensions.

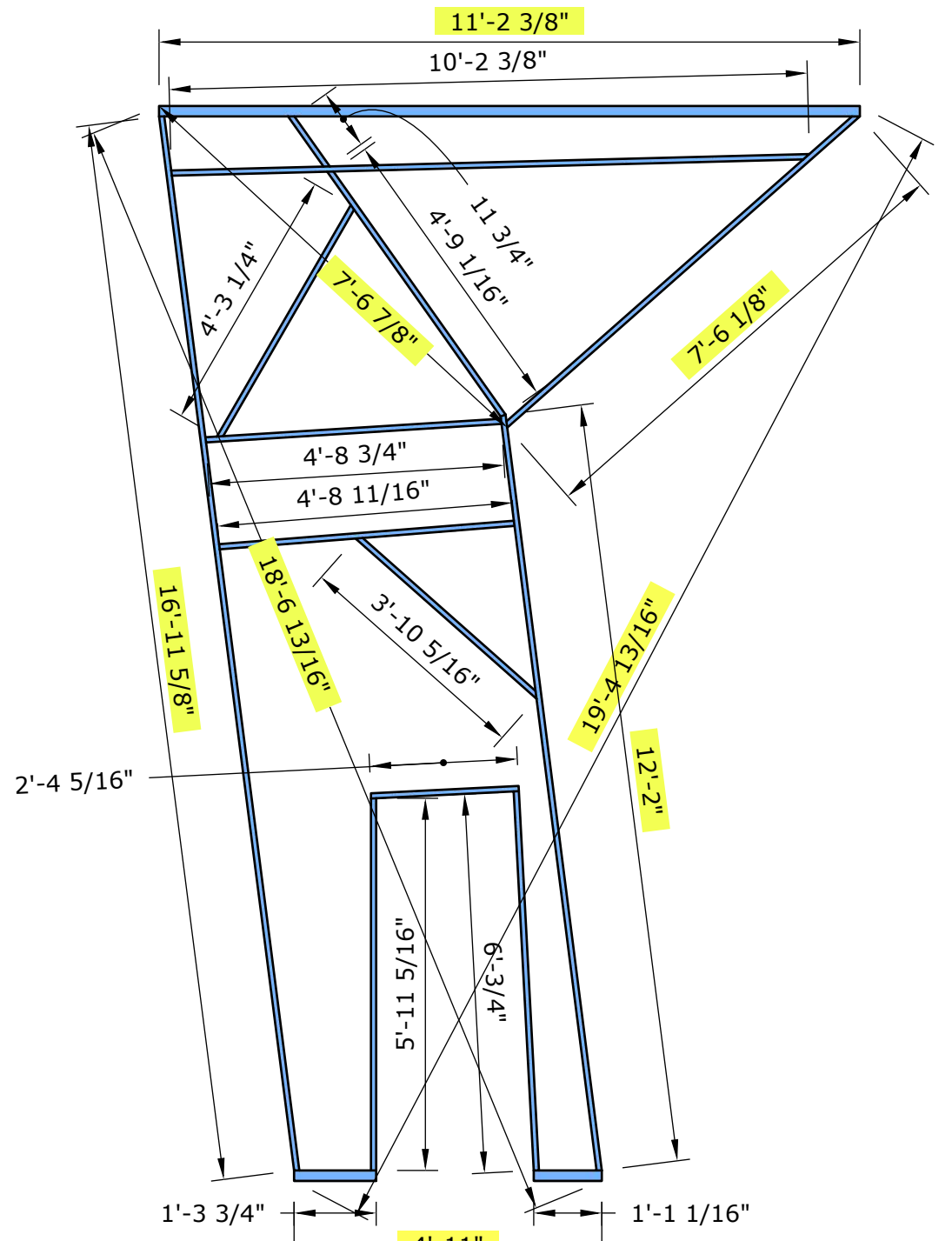
#58	Upson Barn - B		Arizona Broadway Theater	Scale: 3/8" = 1'	Scenic Design: D. Clark	Drafted By: Doug Dio
	Mame	Print on 11 x 17		Date: 12/23/20	Director: Michael We	SM: Leigh Treat



EN Unit C
A59 Scale: 3/8" = 1'-0"



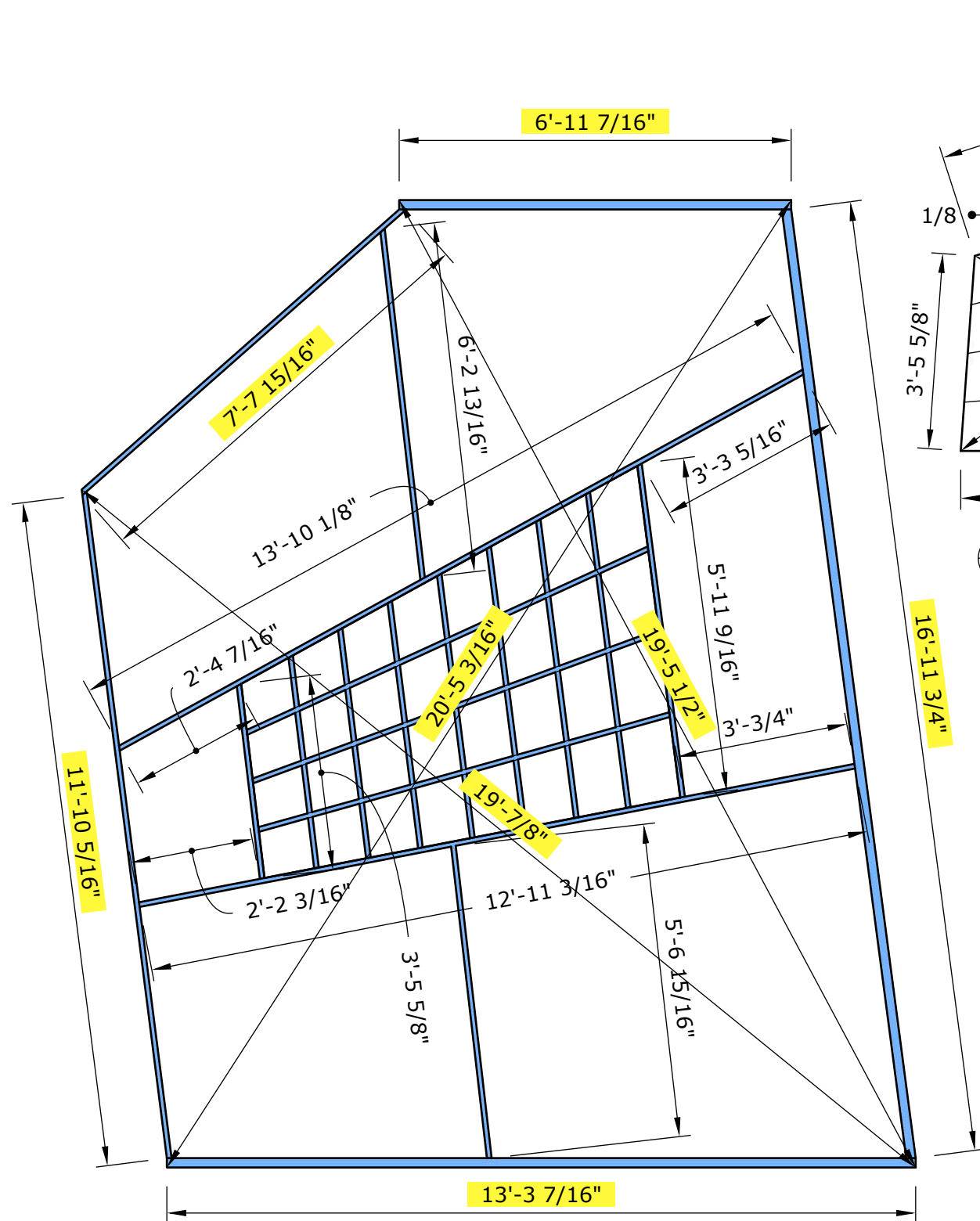
EO Board Layout on Frame
A59 Scale: 3/8" = 1'-0"



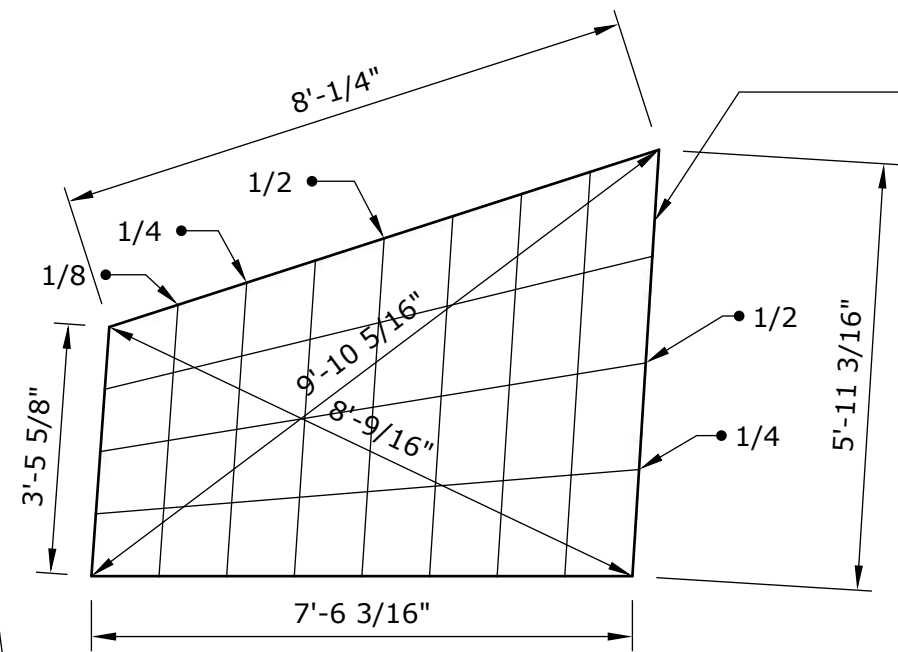
EP Framing
A59 Scale: 3/8" = 1'-0"

Notes:
 +The window here may be another good piece to get CNC'd if we're running +1/2" plywood for all facing.
 +Use 1x1 and 1x2 box tube for all framing.
 +Bolt units together with minimum two bolts per seam if each unit has its own support. More recommended if not individually supported by their own cable.

#59	Upson Barn - C		Arizona Broadway Theater	Scale: 3/8" = 1'	Scenic Design: D. Clark	Drafted By: Doug Dio
	Mame	Print on 11 x 11		Date: 12/23/20	Director: Michael We	SM: Leigh Treat

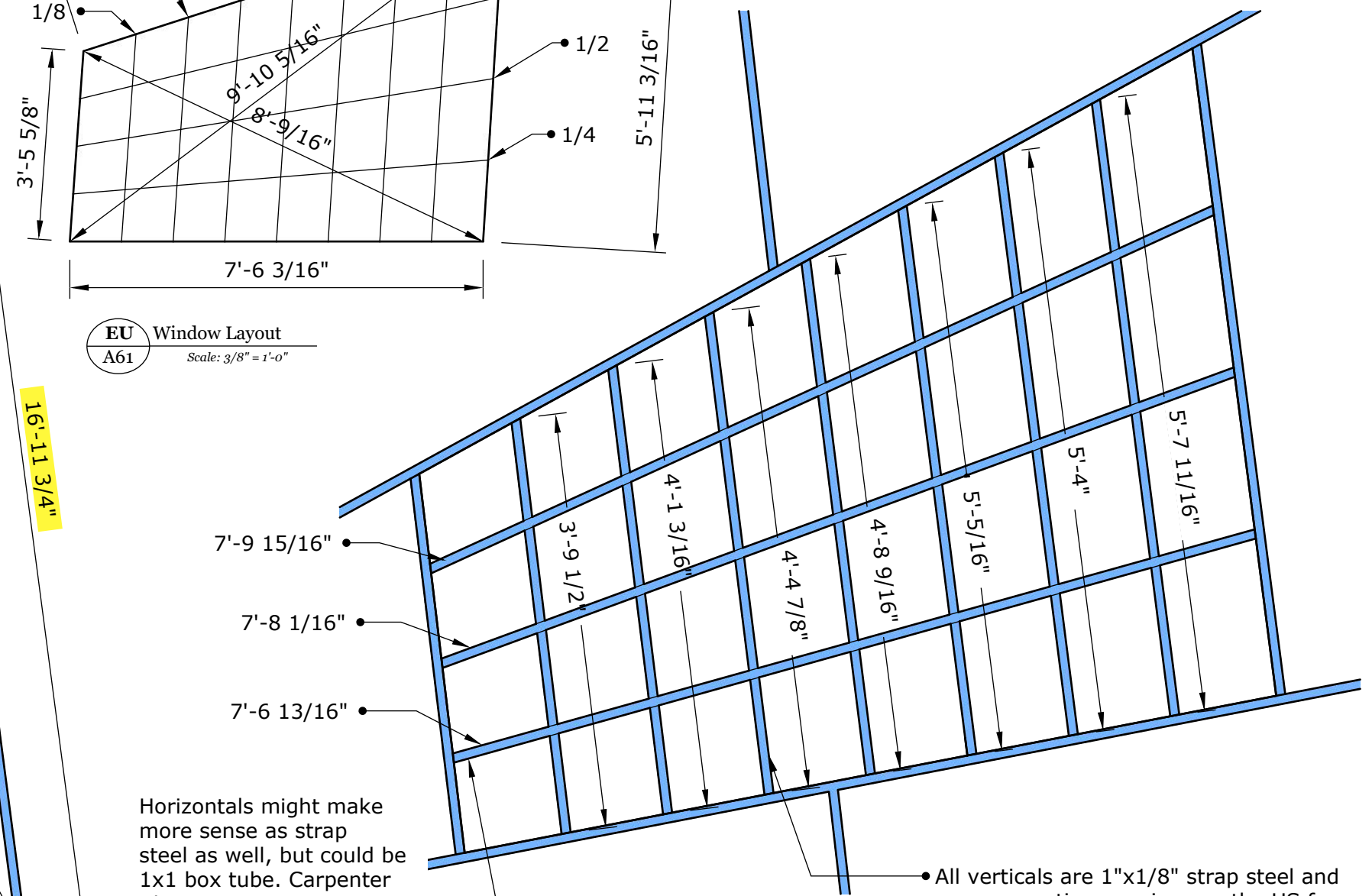


ES Framing
A61
Scale: 3/8" = 1'-0"



EU Window Layout
A61
Scale: 3/8" = 1'-0"

• Don't worry about measuring out all the locations here, if you can divide into quarters and eights on each side, connect lines to make the grid, and center components on the lines.



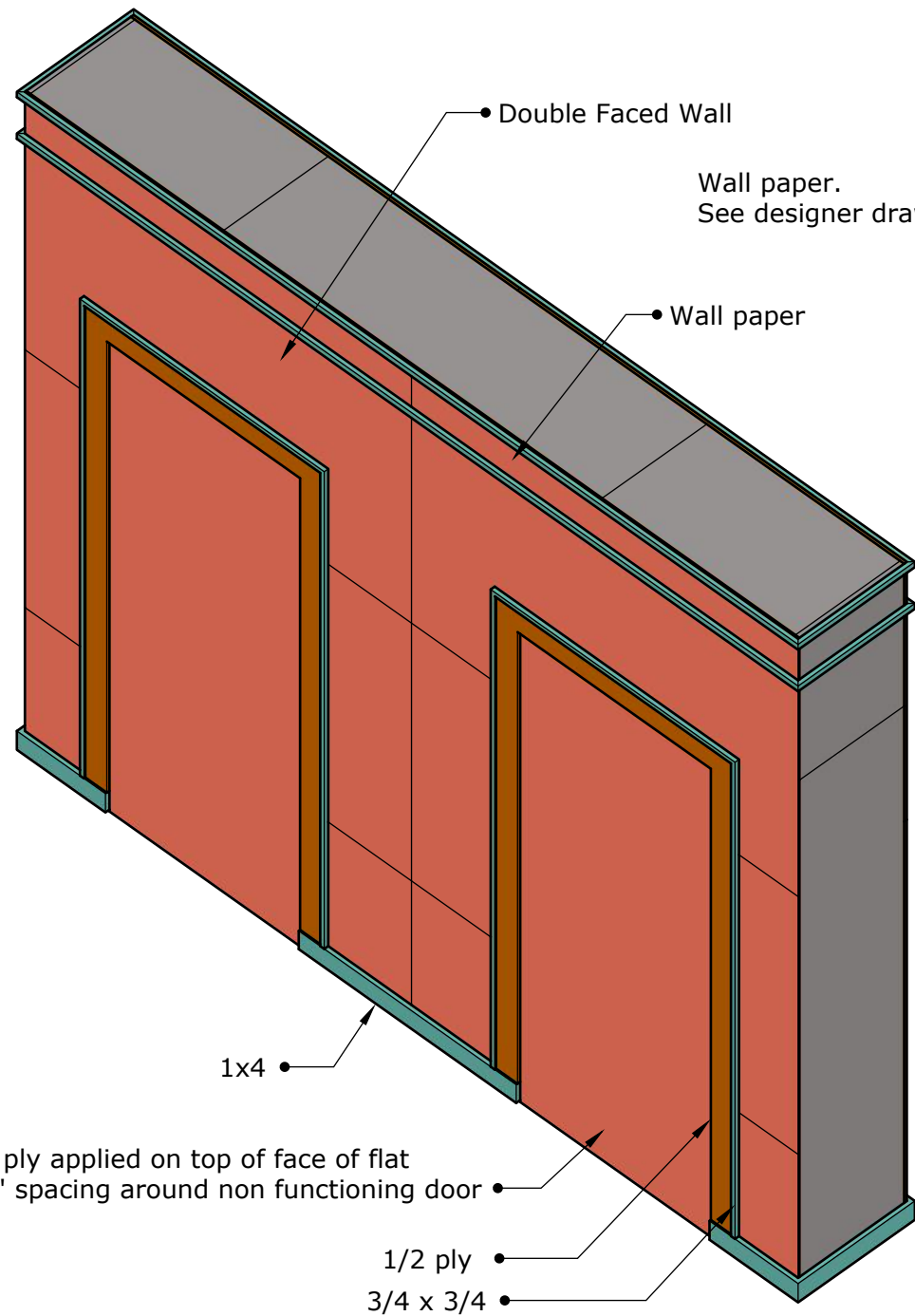
Horizontals might make more sense as strap steel as well, but could be 1x1 box tube. Carpenter Choice.

ET Window Detail
A61
Scale: 3/4" = 1'-0"

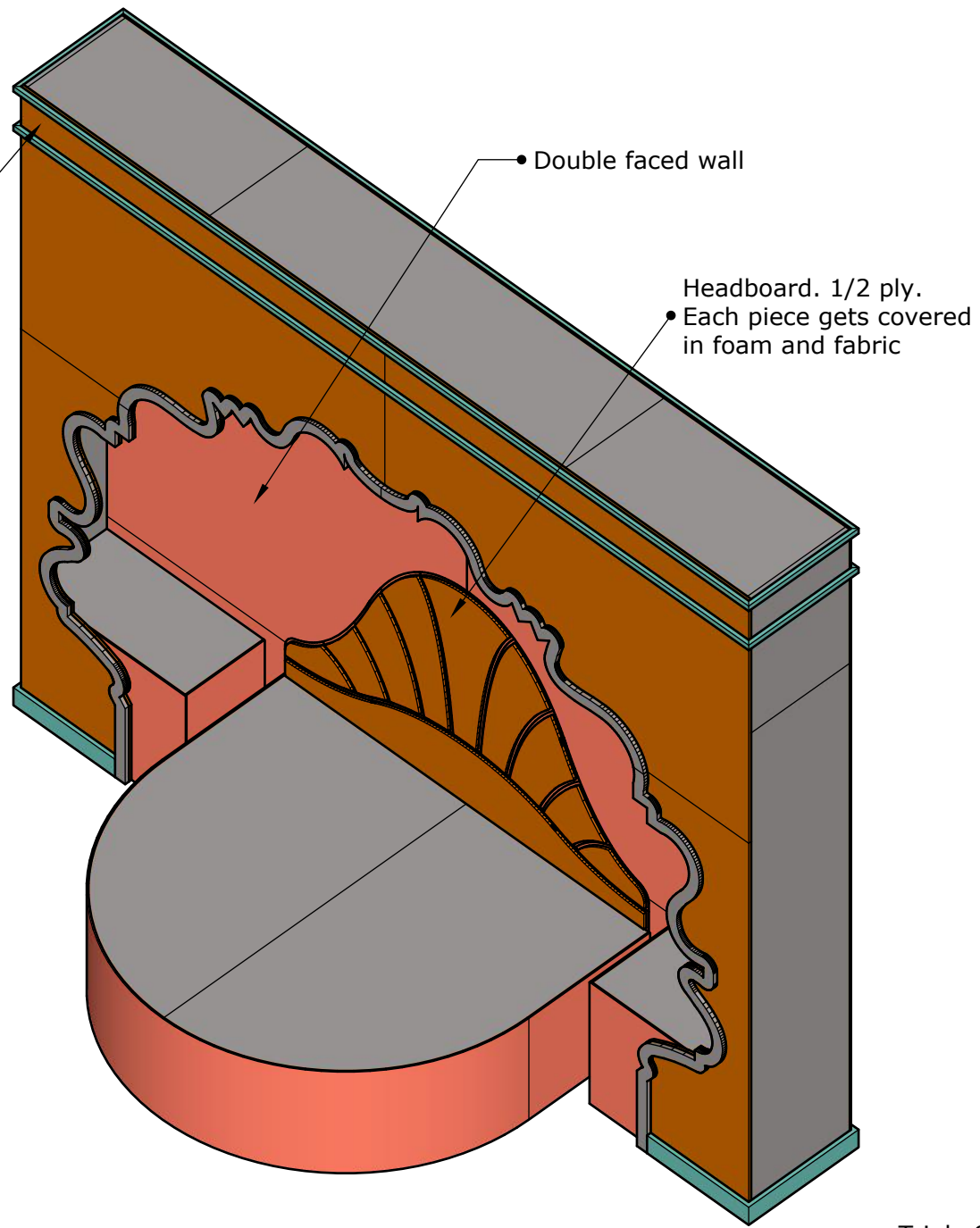
• All verticals are 1"x1/8" strap steel and are one continuous piece on the US face, not 4 individual pieces. Round up and add and inch to length. Hide weld US.

Notes:
 +The window here may be another good piece to get CNC'd if we're running +1/2" plywood for all facing.
 +Use 1x1 and 1x2 box tube for all framing.
 +Bolt units together with minimum two bolts per seam if each unit has its own support. More recommended if not individually supported by their own cable.

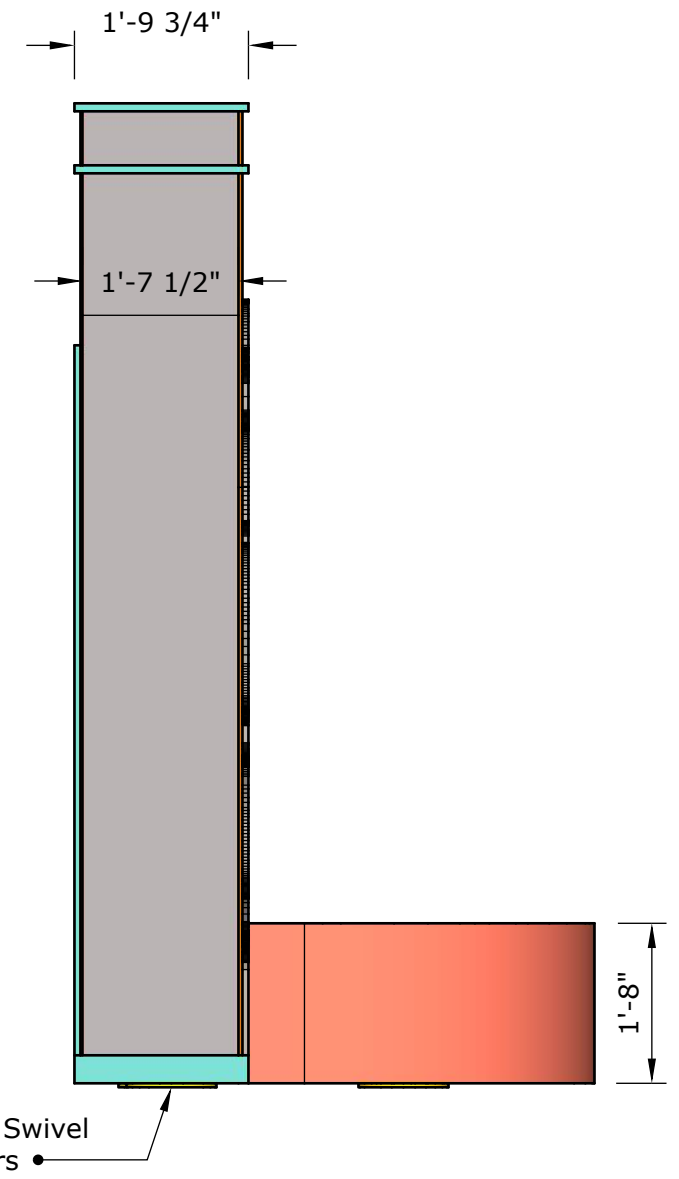
#61	Upson Barn D Framing		Arizona Broadway Theater	Scale: varies	Scenic Design: D. Clark	Drafted By: Doug Dio
	Mame	Print on 11 x 11		Date: 12/23/20	Director: Michael We	SM: Leigh Treat



EV Hallway Iso
A62 Scale: NTS

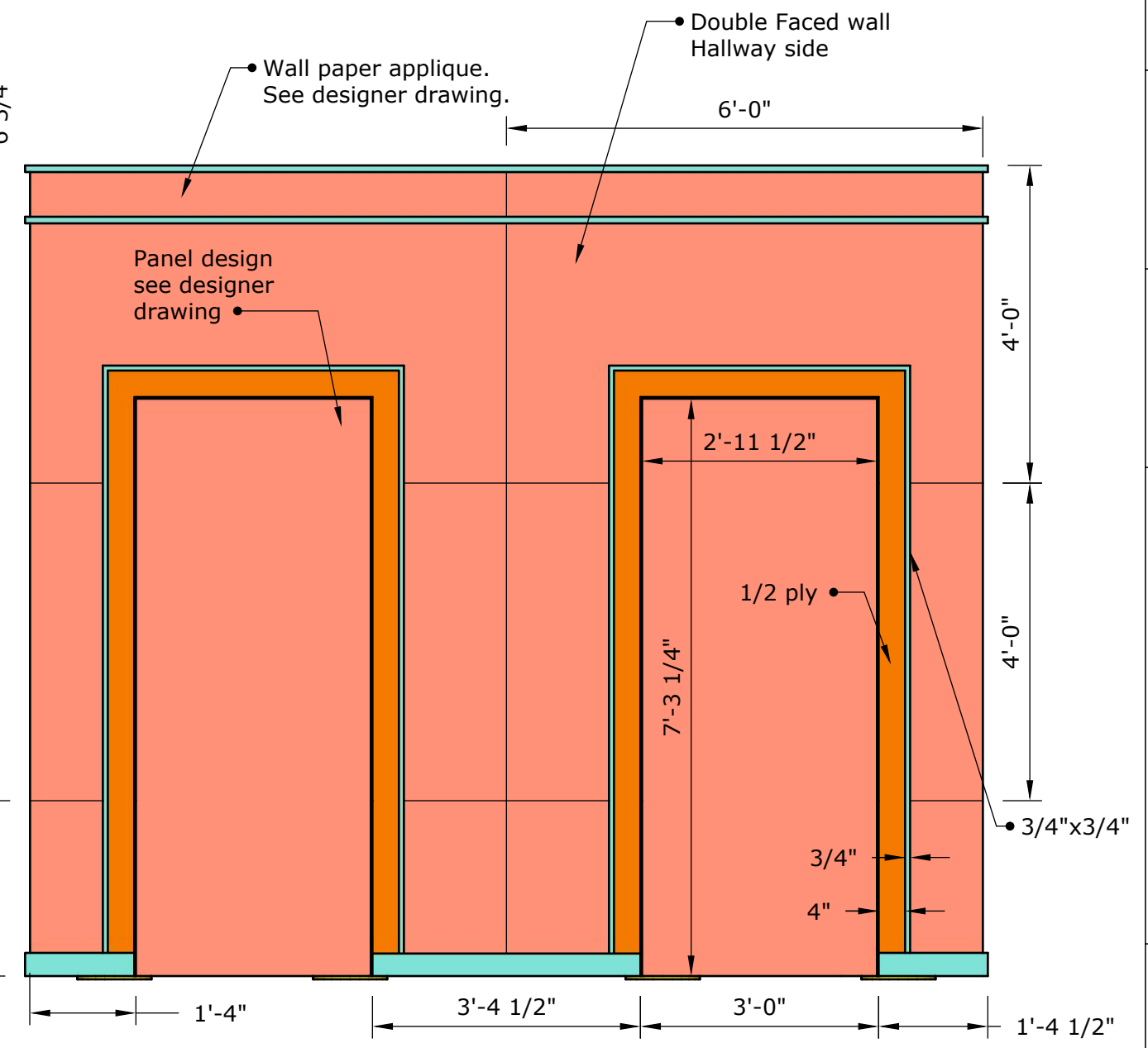
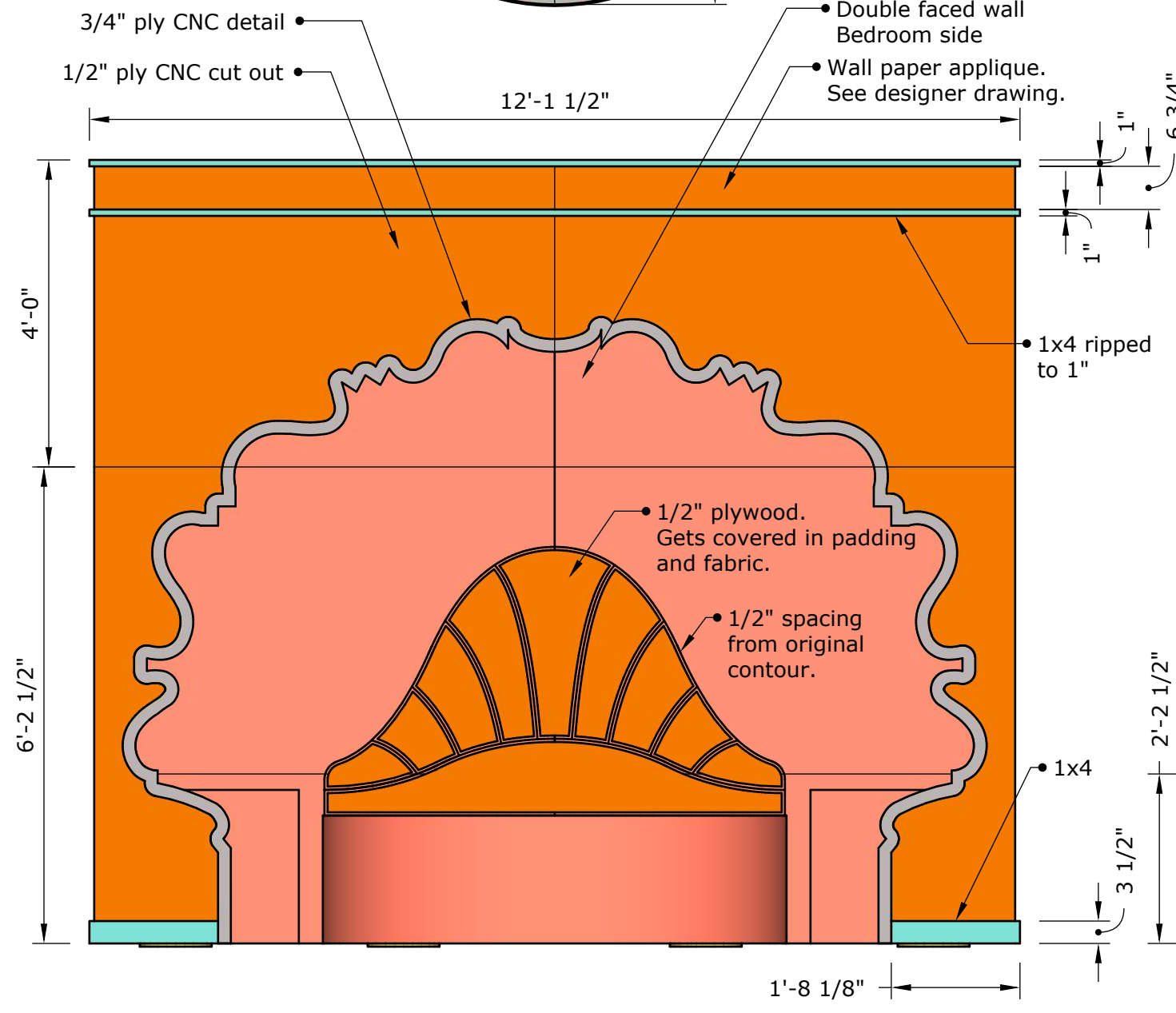
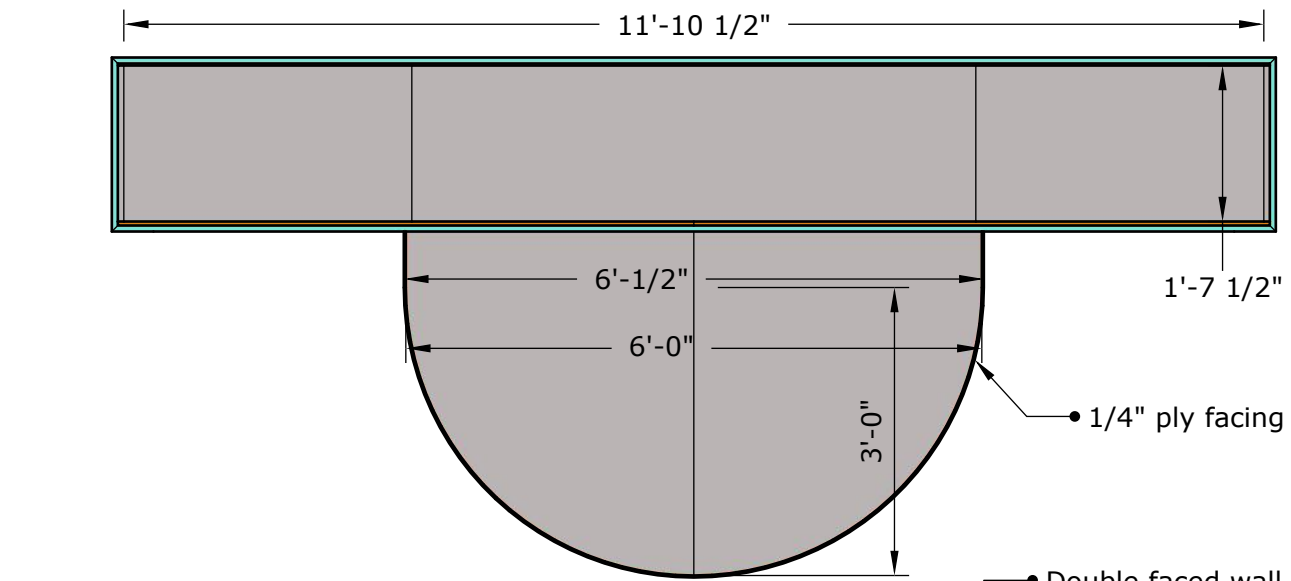


EW Bedroom Iso
A62 Scale: NTS

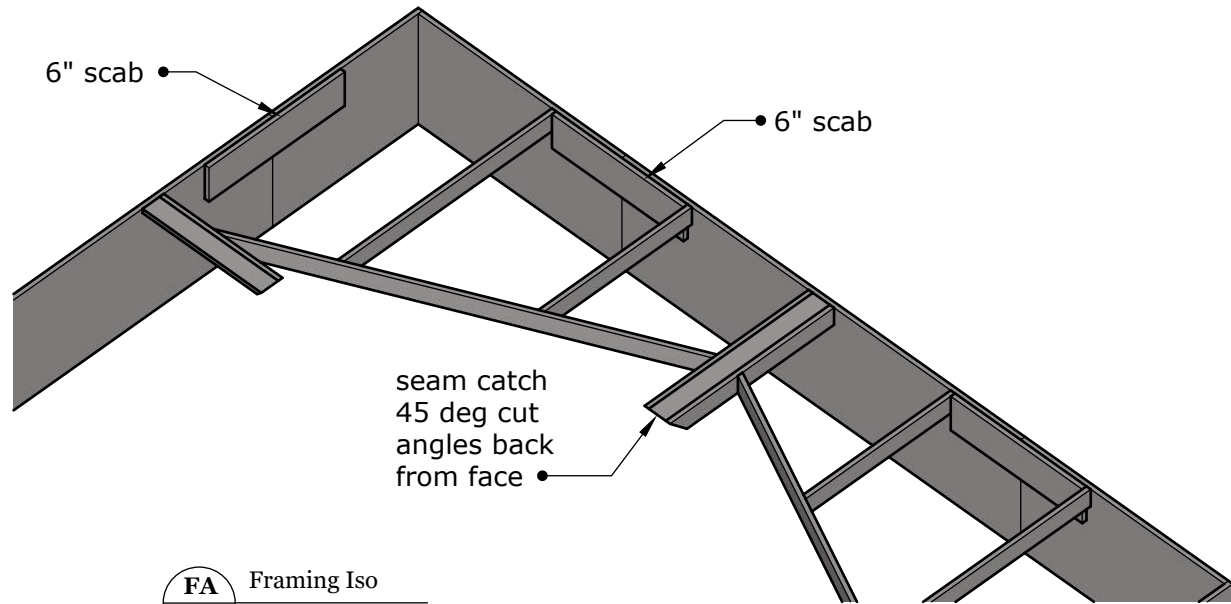


EX Bedroom Side View
A62 Scale: 1/2" = 1'-0"

#62	Bedroom / Hallway		Arizona Broadway Theater	Scale: 1/2" = 1'	Scenic Design: D. Cla	Drafted By: Doug Dio
	Mame	Print on 11 x 1		Date: 12/29/20	Director: Michael We	SM: Leigh Treat



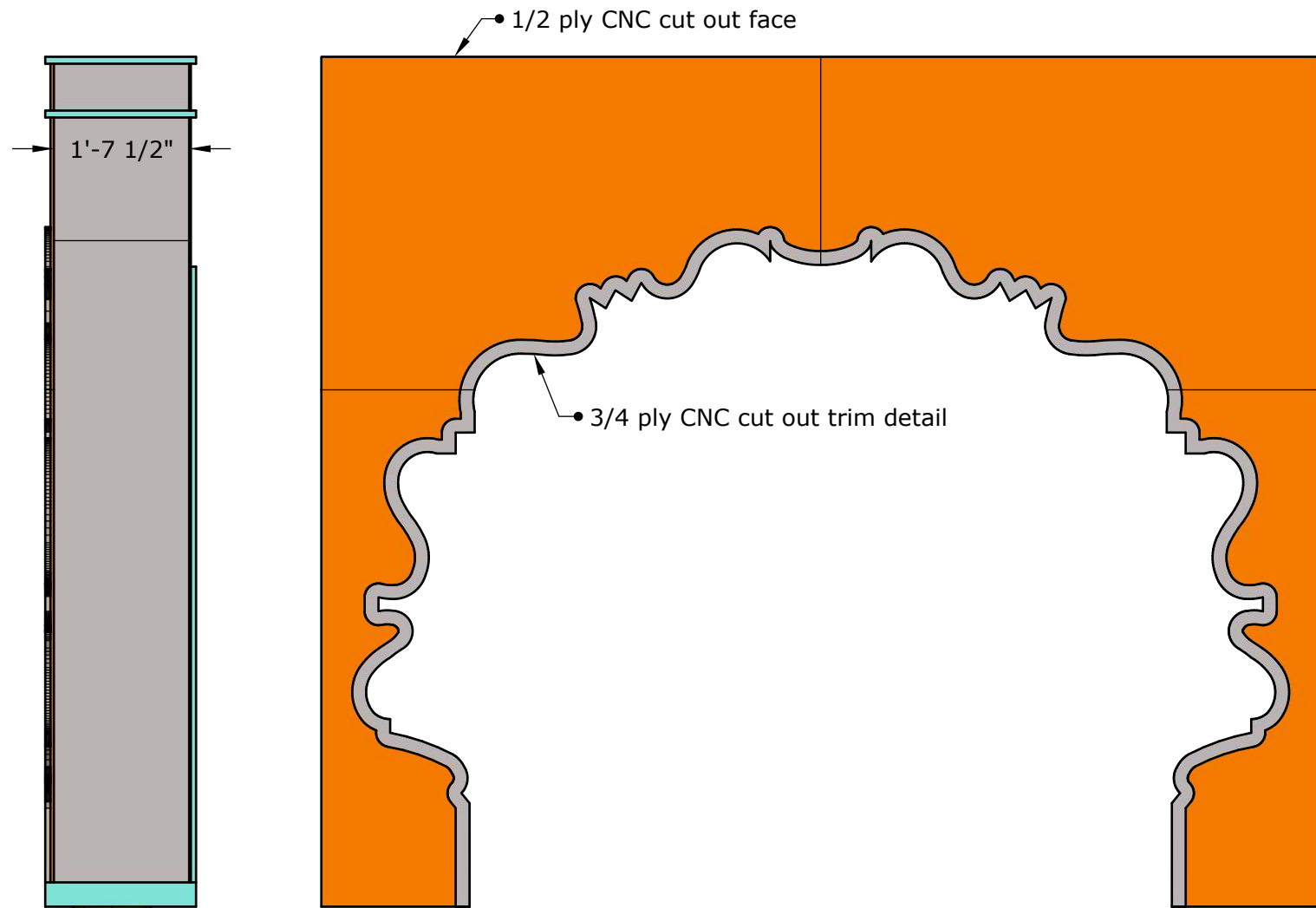
#63	Mame	Bedroom Hallway Faces		Arizona Broadway Theater	Scale: 1/2" = 1'	Date: 12/29/20	Scenic Design: D. Clair	Director: Michael We	Drafted By: Doug Dio	SM: Leigh Treat
		Print on 11 x 11								



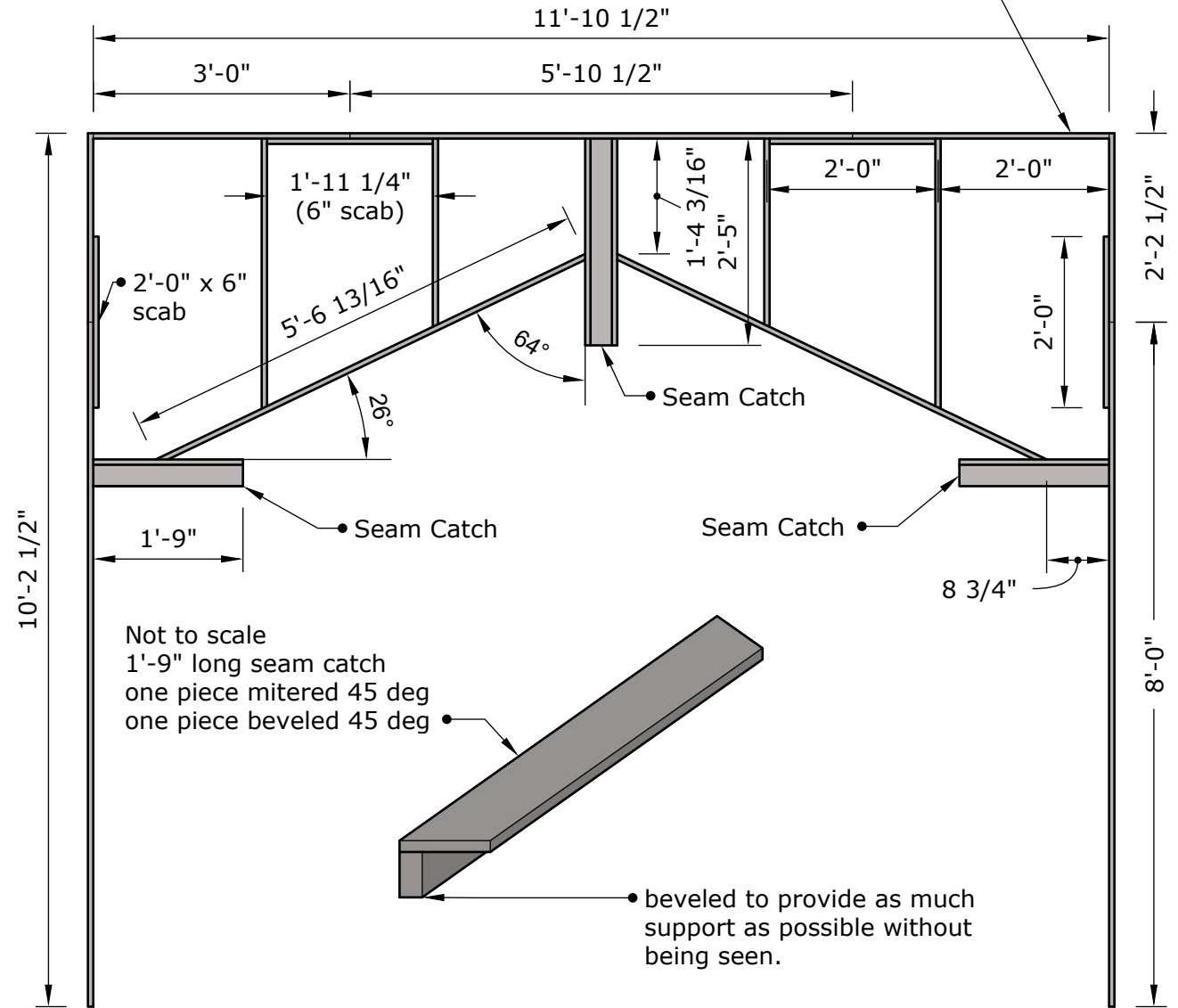
FA Framing Iso
A64 Scale: 1/2" = 1'-0"

Notes:
 + Lumber: Use 3/4 ply (gray) for framing along with 2x4 (gray) for facing (red).
 + Glue and screw framing. Glue and staple facing.
 + Flat is double faced with top and side framing extra long to CNC cut out face.

Framing around perimeter is 1'-7 1/2" wide and is used in Hallway side framing as well



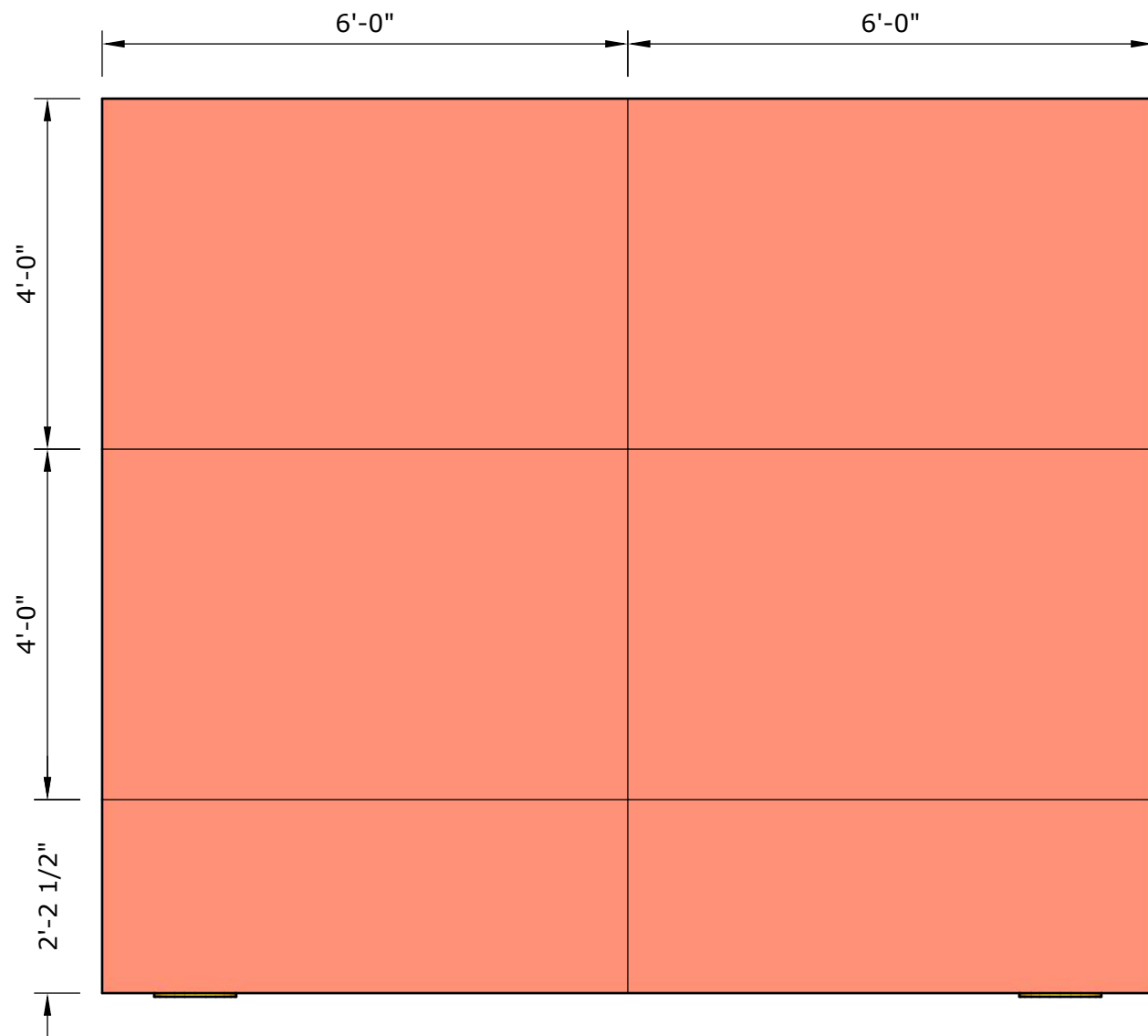
EY CNC Face
A64 Scale: 1/2" = 1'-0"



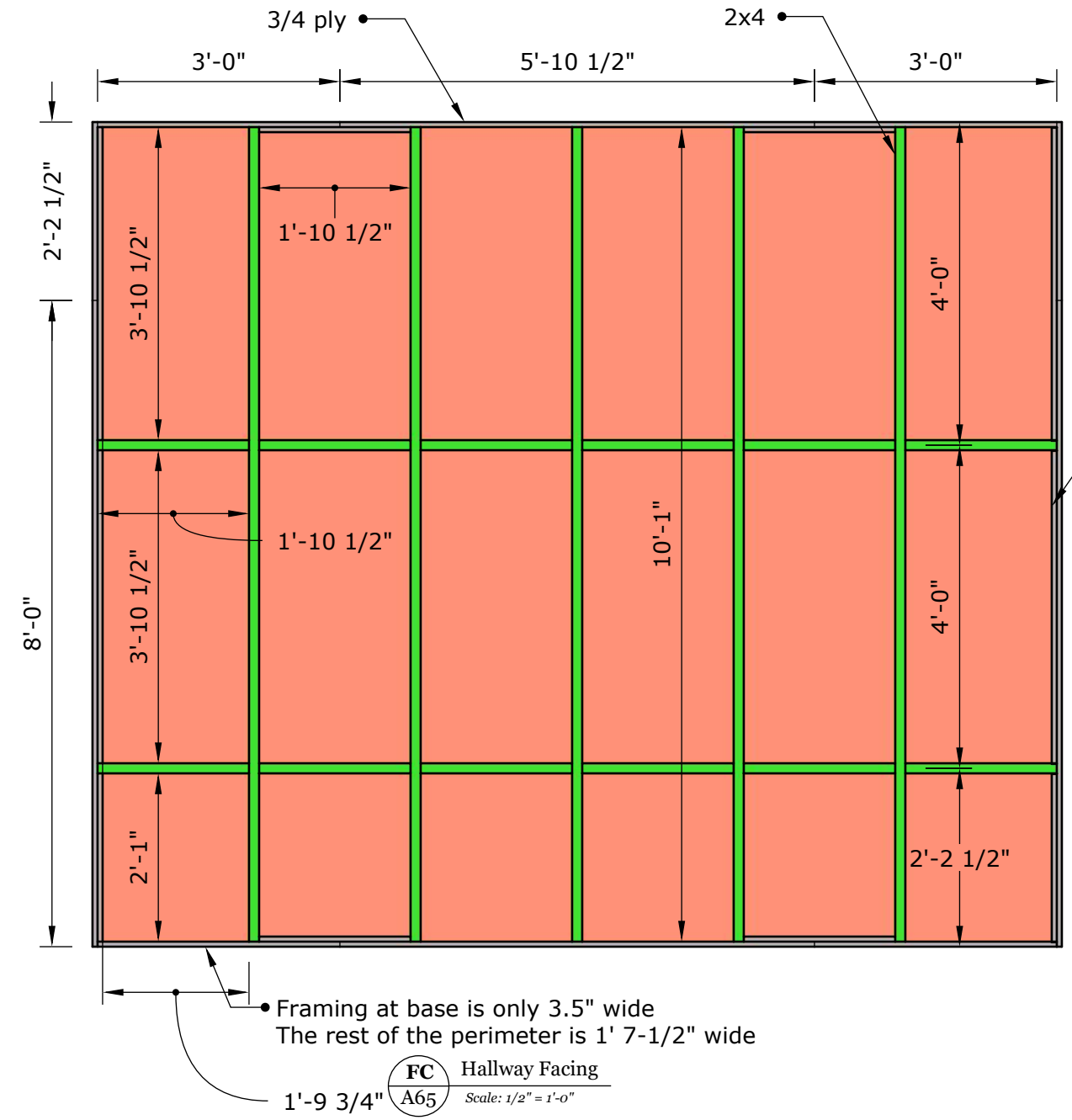
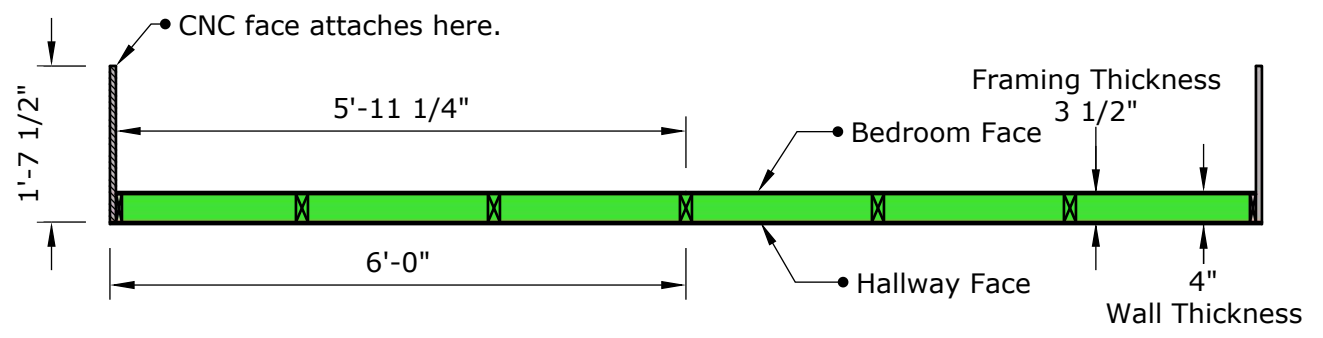
EZ Bedroom Framing
A64 Scale: 1/2" = 1'-0"

Framing - Bedroom side	Scale: 1/2" = 1'	Scenic Design: D. Clai	Drafted By: Doug Dio
	Print on 11 x 11	Date: 12/29/20	Director: Michael We
Mame	Arizona Broadway Theater		SM: Leigh Treat
#64			

Notes:
 + Lumber: Use 3/4 ply (gray) for framing along with 2x4 (green). Use 1/4 ply
 + Glue and screw framing. Glue and staple facing.
 + Flat is double faced with top and side framing extra long to space out CNC c



FB Hallway Facing
 A65 Scale: 1/2" = 1'-0"



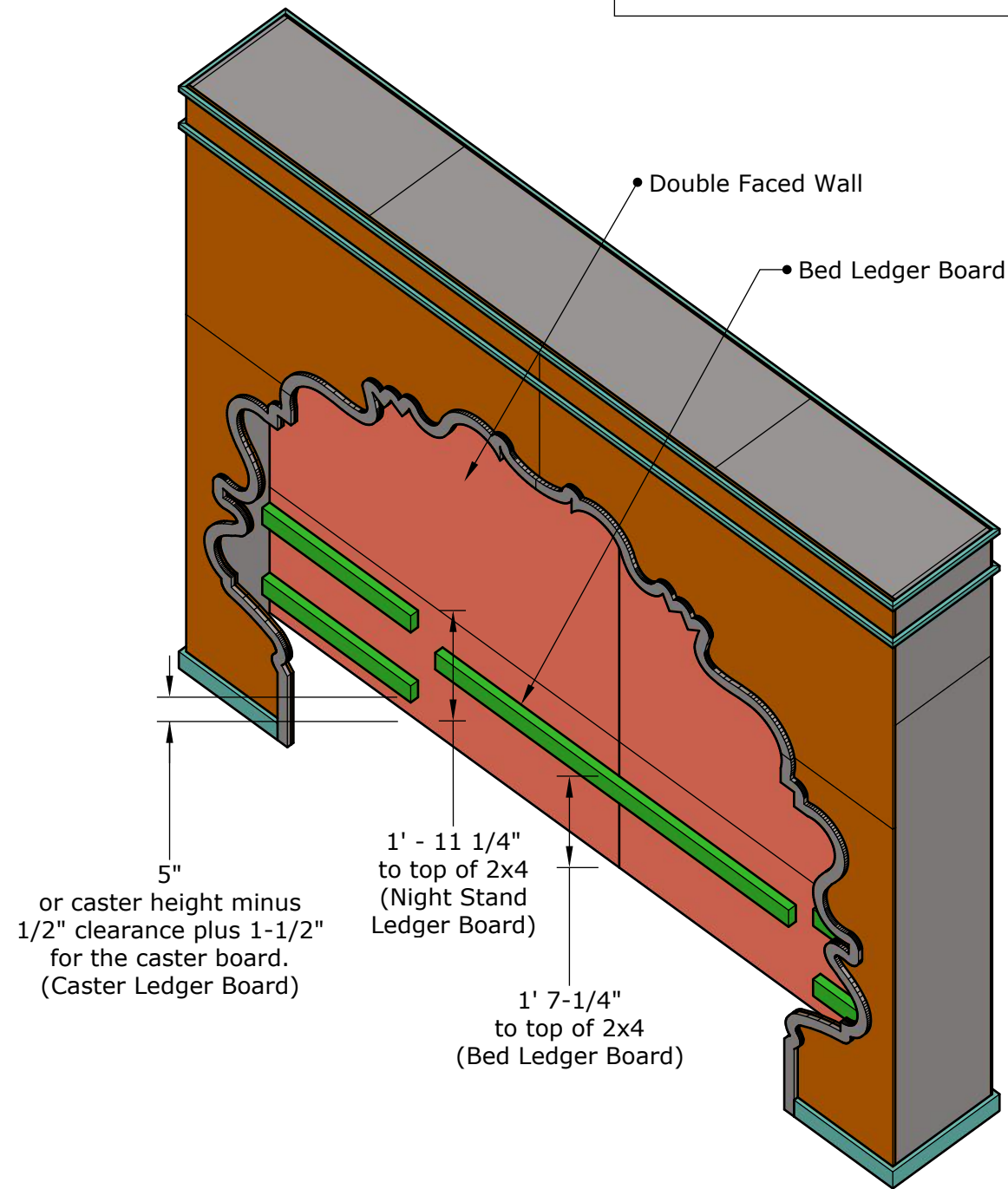
FC Hallway Facing
 A65 Scale: 1/2" = 1'-0"

Built up framing to allow bedroom face some thing to attach to.

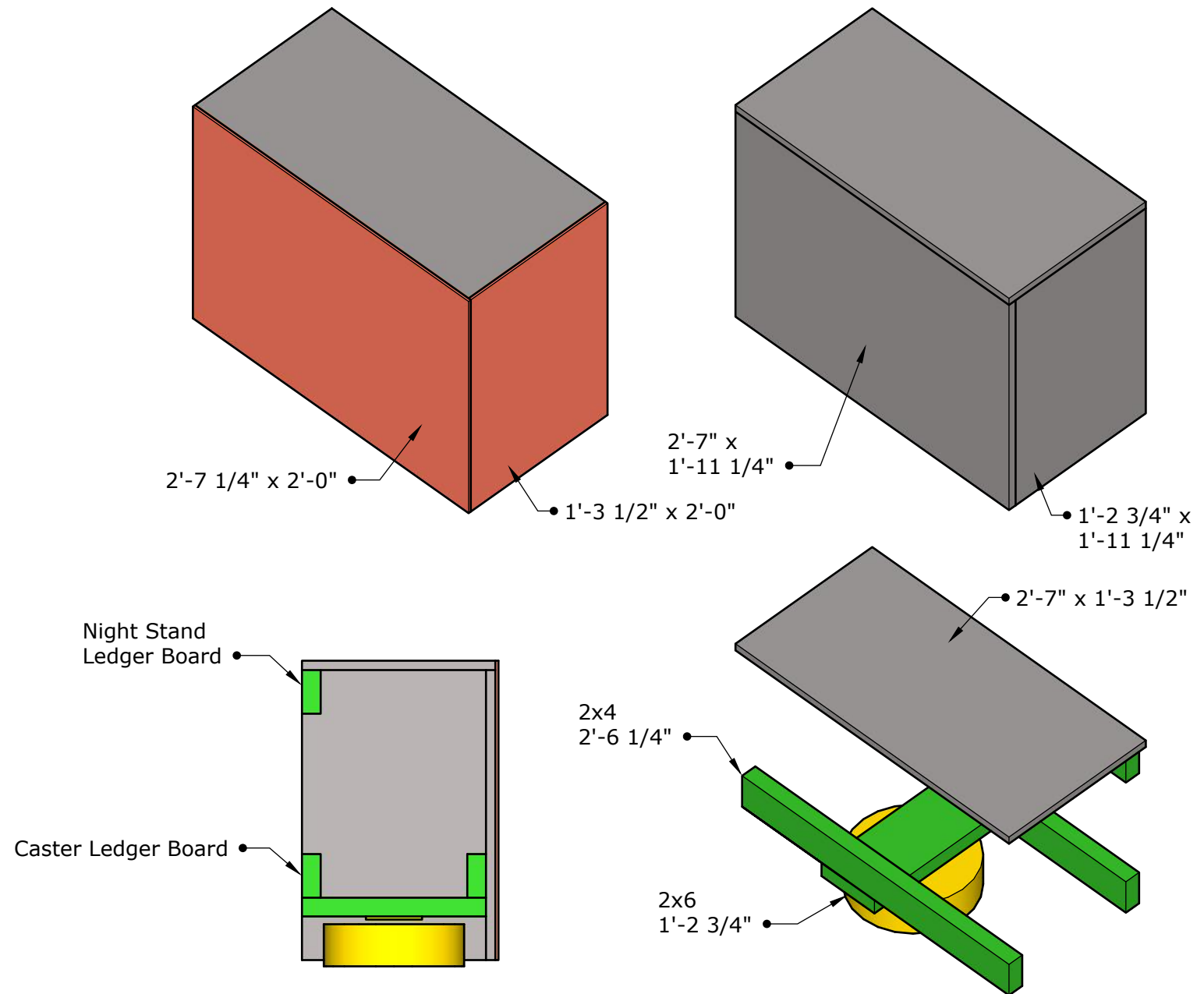
Window Frame Details	Print on 11 x 11	Arizona Broadway Theater	Scale: 1/2" = 1'	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame		Date: 12/29/20	Director: Michael We	SM: Leigh Treat
#65					

Notes:

- + Lumber: Use 3/4 ply (gray) for framing along with 2x4 (green). Use 1/4 ply for facing (red).
- + Glue and screw framing. Glue and staple facing.
- + Night stand is on both sides of bed so Reverse and repeat.
- + Ledger boards get screwed well to studs inside wall. Might want to use long star drive screws here since the wall has no casters di



FD Night Stand and Bed Ledgers
A66 Scale: NTS



FE Night Stand Section
A66 Scale: 1" = 1'-0"

FF Night Stand Isometrics
A66 Scale: NTS

Drafted By: Doug Dio

Scenic Design: D. Clai

Scale: Varies

Date: 12/29/20

Arizona
Broadway
Theater

Print on 11 x 1

Window Frame Details

Mame

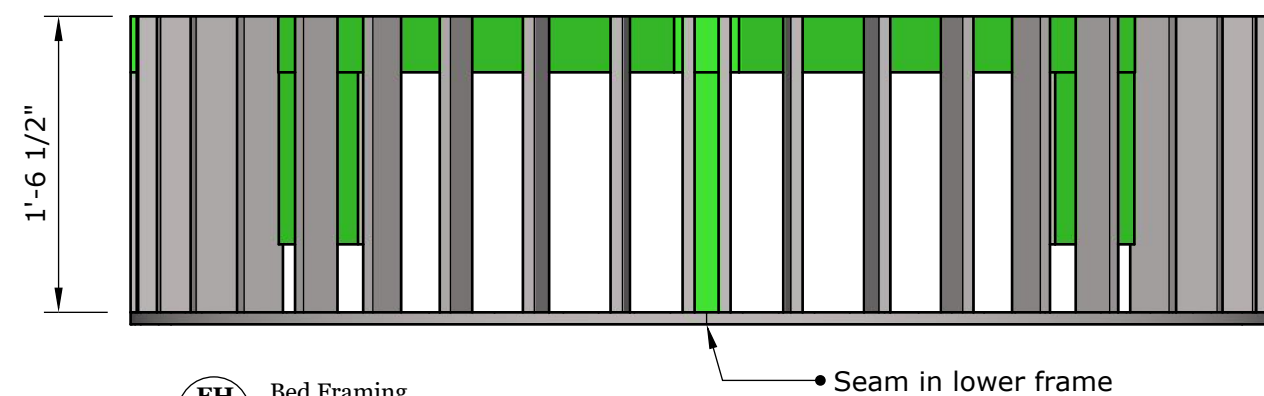
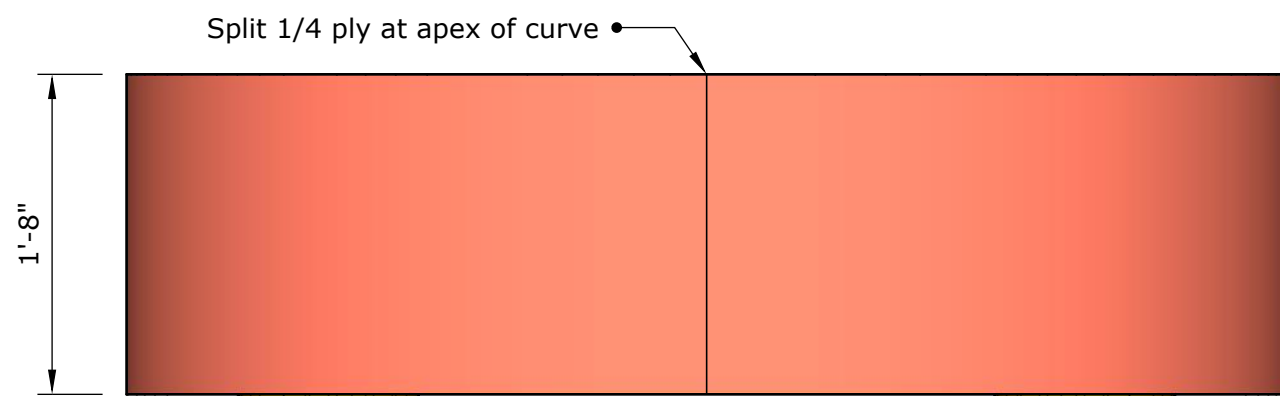
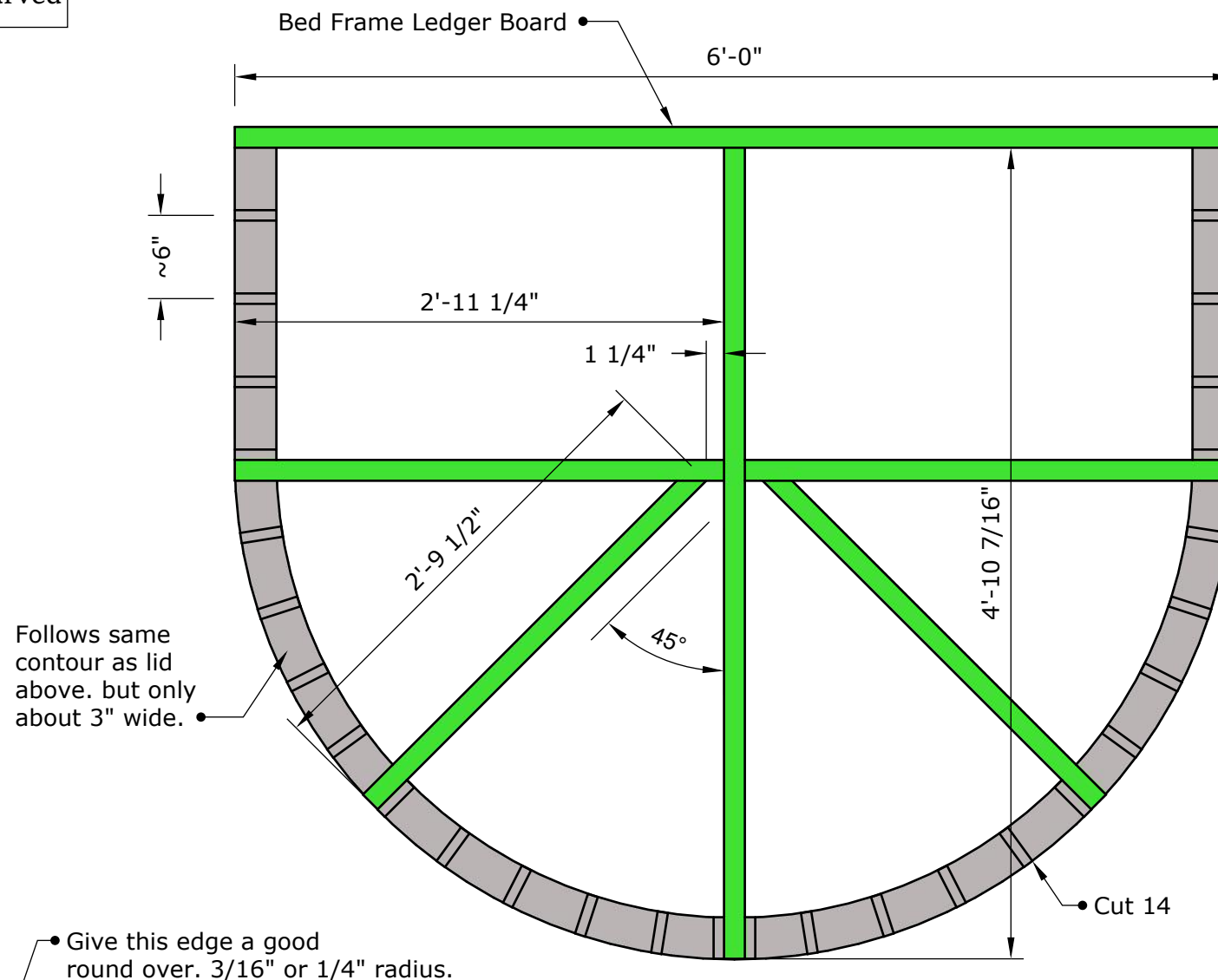
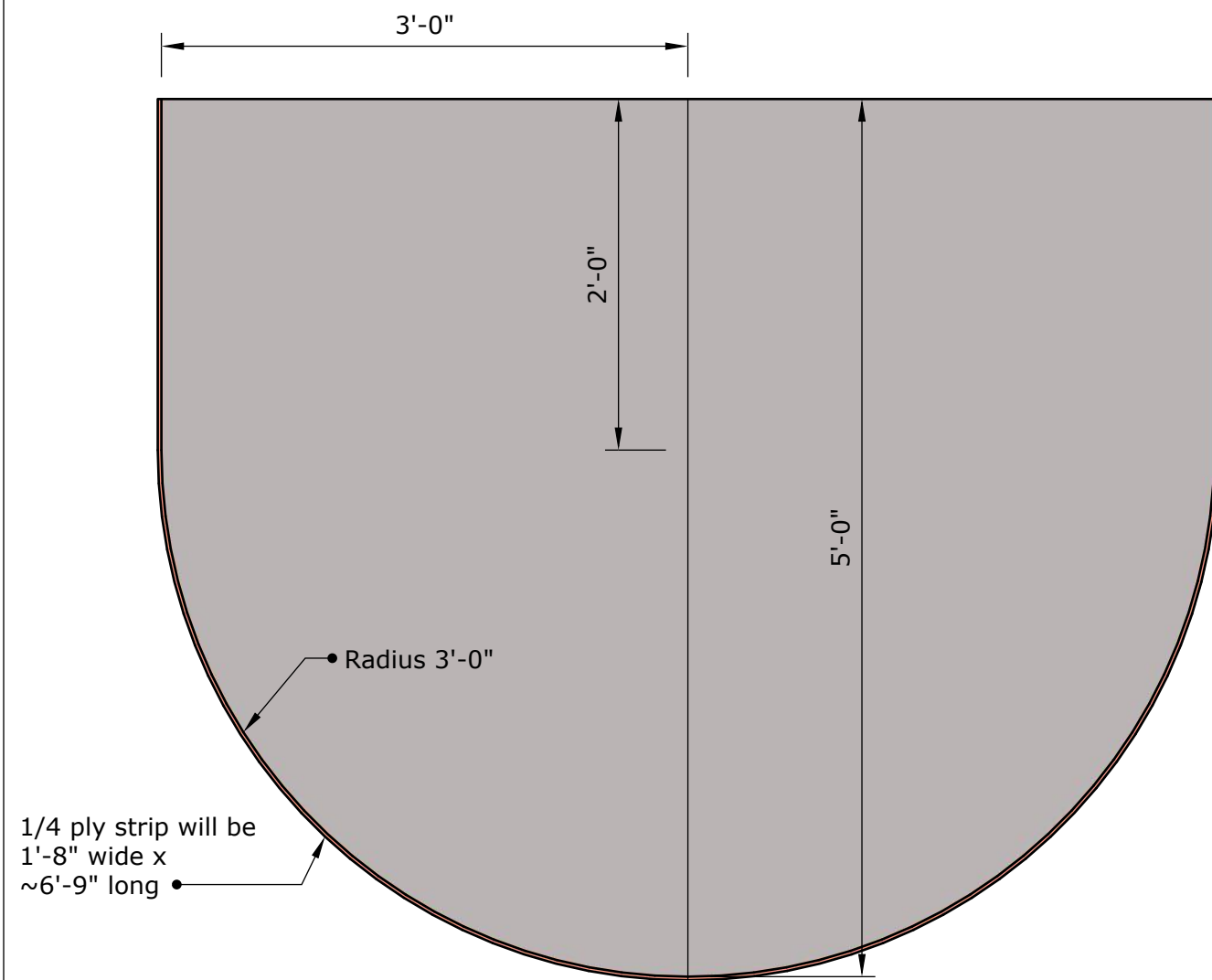
SM: Leigh Treat

Director: Michael We

#66

Notes:

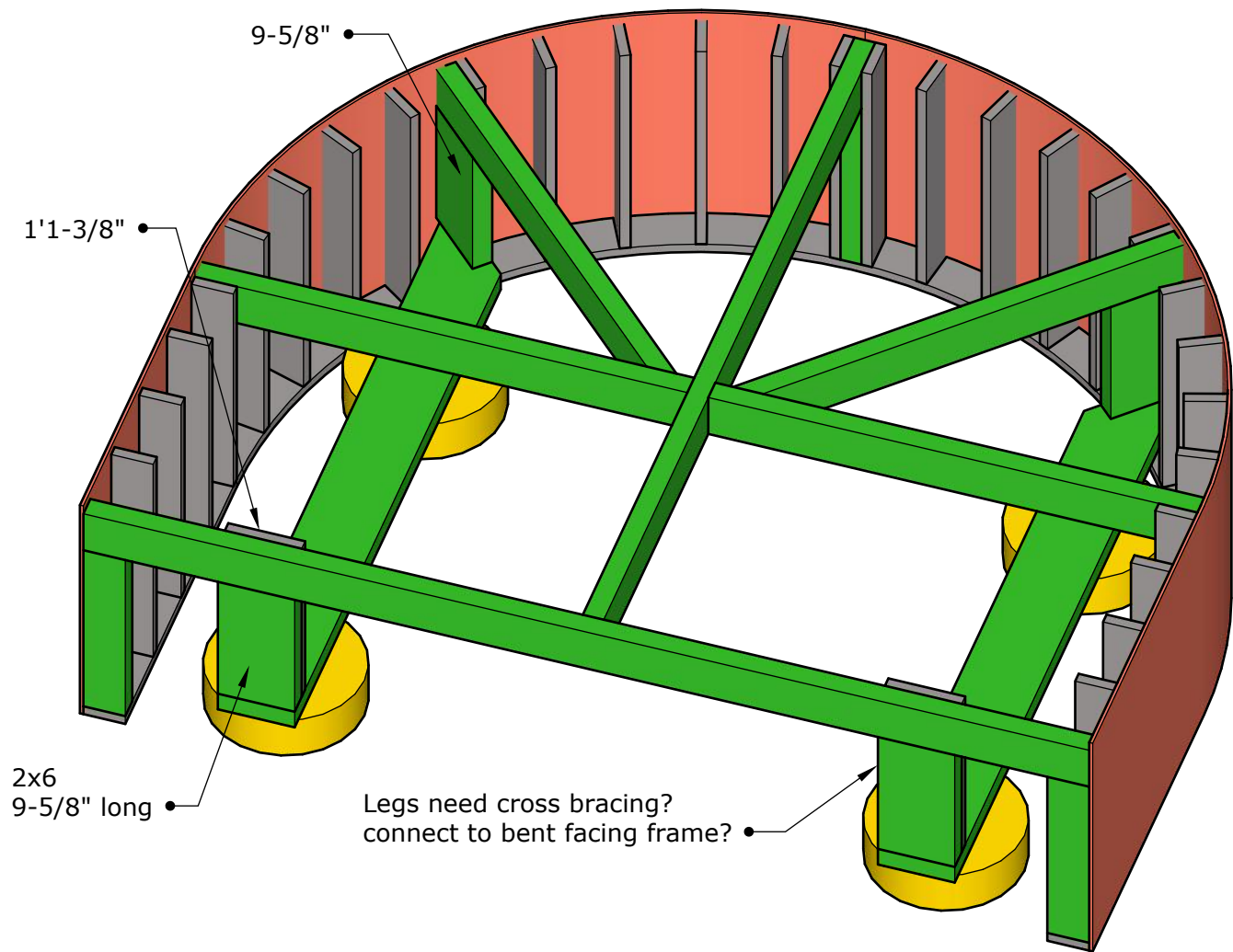
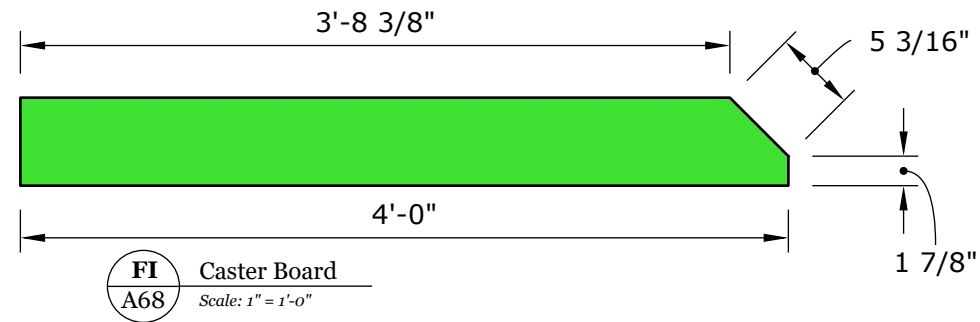
- + Lumber: Use 3/4 ply (gray) for framing along with 2x4 (green). Use 1/4 ply
- + Glue and screw framing. Glue and staple facing. Screw sparingly on curved



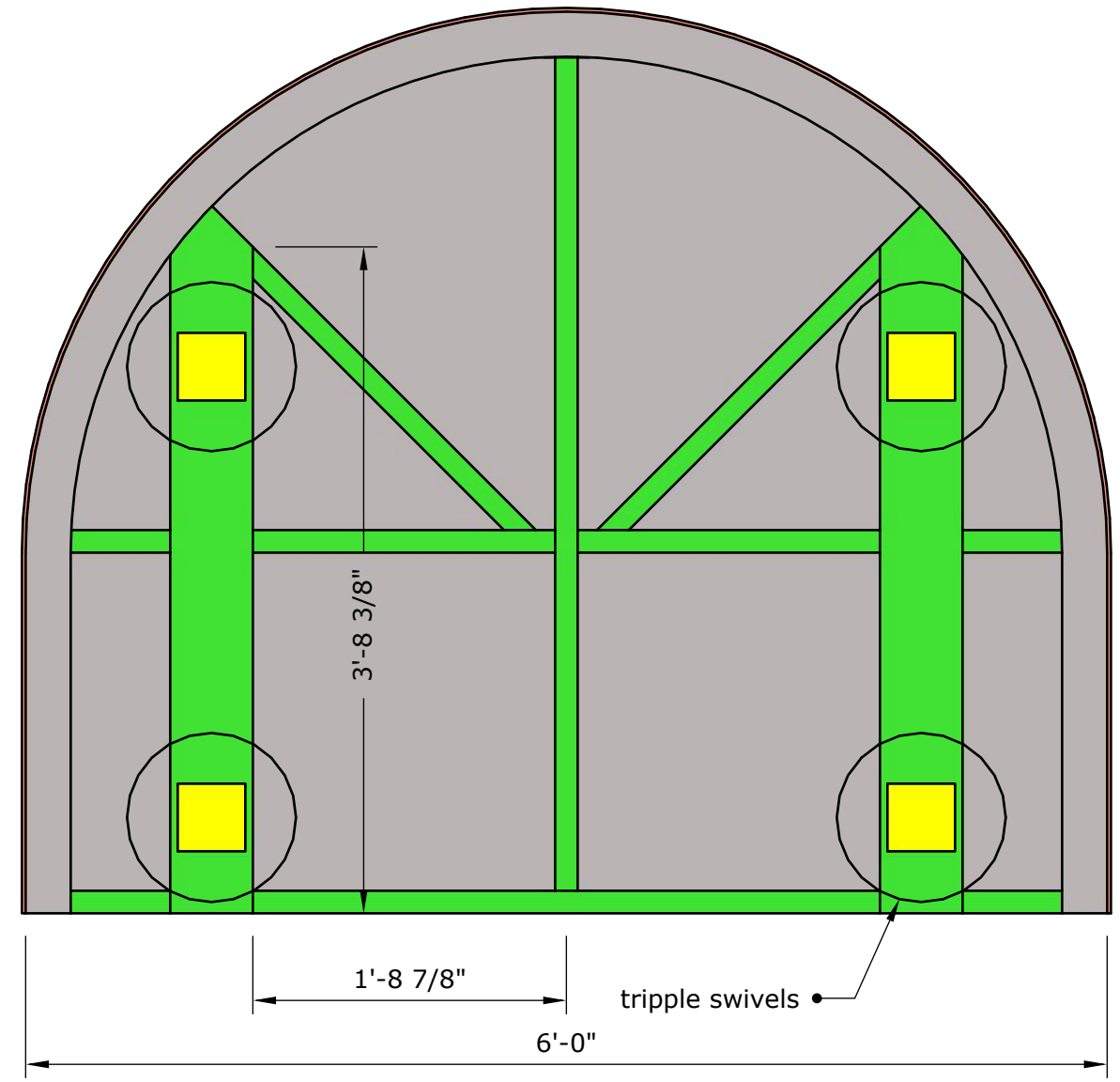
FG Bed Top and Front View
A67 Scale: 1" = 1'-0"

FH Bed Framing
A67 Scale: 1" = 1'-0"

Arizona Broadway Theater	Scale: 1" = 1'-0"	Scenic Design: D. Clai	Drafted By: Doug Dio
Bed Framing	Date: 12/29/20	Director: Michael We	SM: Leigh Treat
Mame	Print on 11 x 1		
#67			

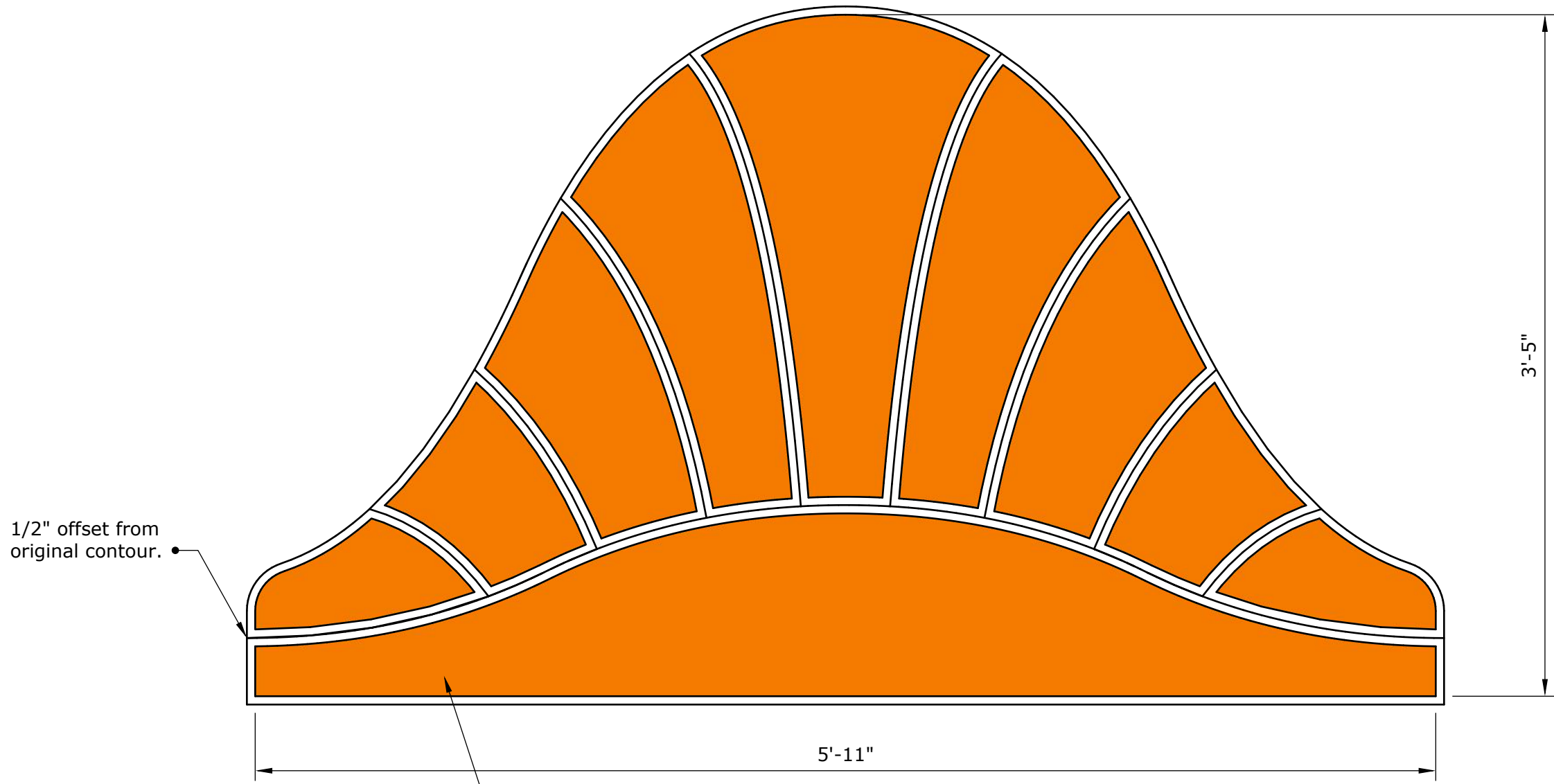


FI Bed Framing - ISO
A68 Scale: 1" = 1'-0"



FJ Bed Framing - ISO
A68 Scale: 1" = 1'-0"

Bed Framing - Caster boards	Arizona Broadway Theater	Scale: 1" = 1'-0"	Scenic Design: D. Clai	Drafted By: Doug Dio
	Print on 11 x 11	Date: 12/29/20	Director: Michael We	SM: Leigh Treat
Mame				
#68				



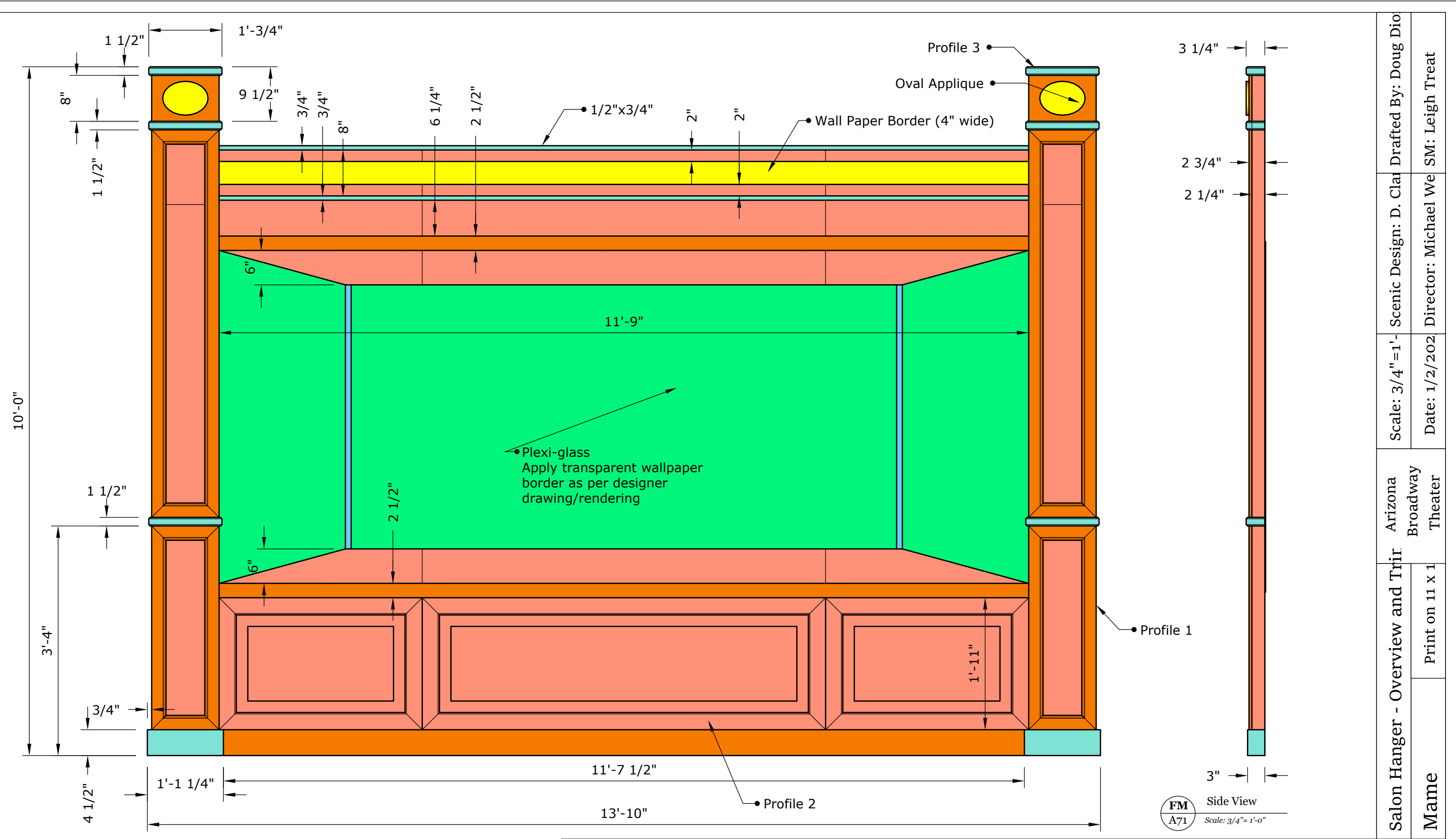
1/2" offset from original contour.

• Transfer shapes to transparency and Cut of 1/2" plywood. Will get covered in foam and fabric but clean edges for easy handling during upholstery.

FK Headboard
A69 Scale: 1-1/2" = 1'-0"

#69	Headboard	Arizona Broadway Theater	Scale: 1-1/2" = 1'	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame		Date: 12/29/20	Director: Michael We	SM: Leigh Treat

Print on 11 x 11

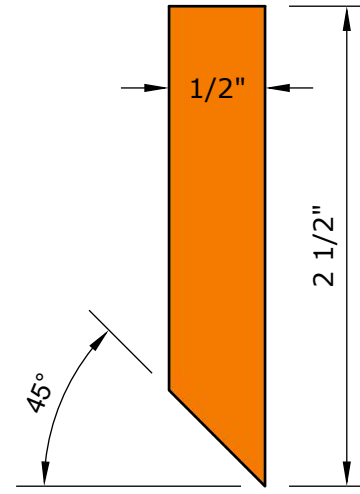


FL Salon Hanger
A71 Scale: 3/4"=1'-0"

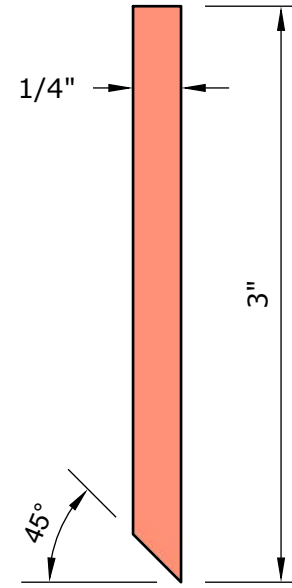
Notes:
+ Lumber: Use 1x material (light blue/green) for trim where noted. Use 1/2 ply (orange/brown) for trim as well. facing and trim. Plexiglass is 1/8" thick and is shown in green. Special products shown in yellow.

FM Side View
A71 Scale: 3/4"=1'-0"

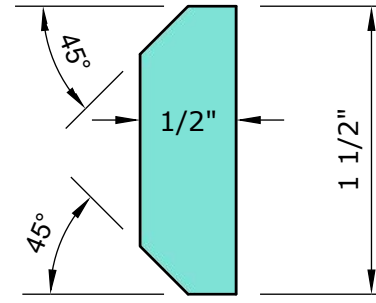
Salon Hanger - Overview and Trir	Arizona Broadway Theater	Scale: 3/4"=1'-0"	Scenic Design: D. Clai	Drafted By: Doug Dio
Mame	Print on 11 x 1	Date: 1/2/202	Director: Michael We	SM: Leigh Treat
#71				



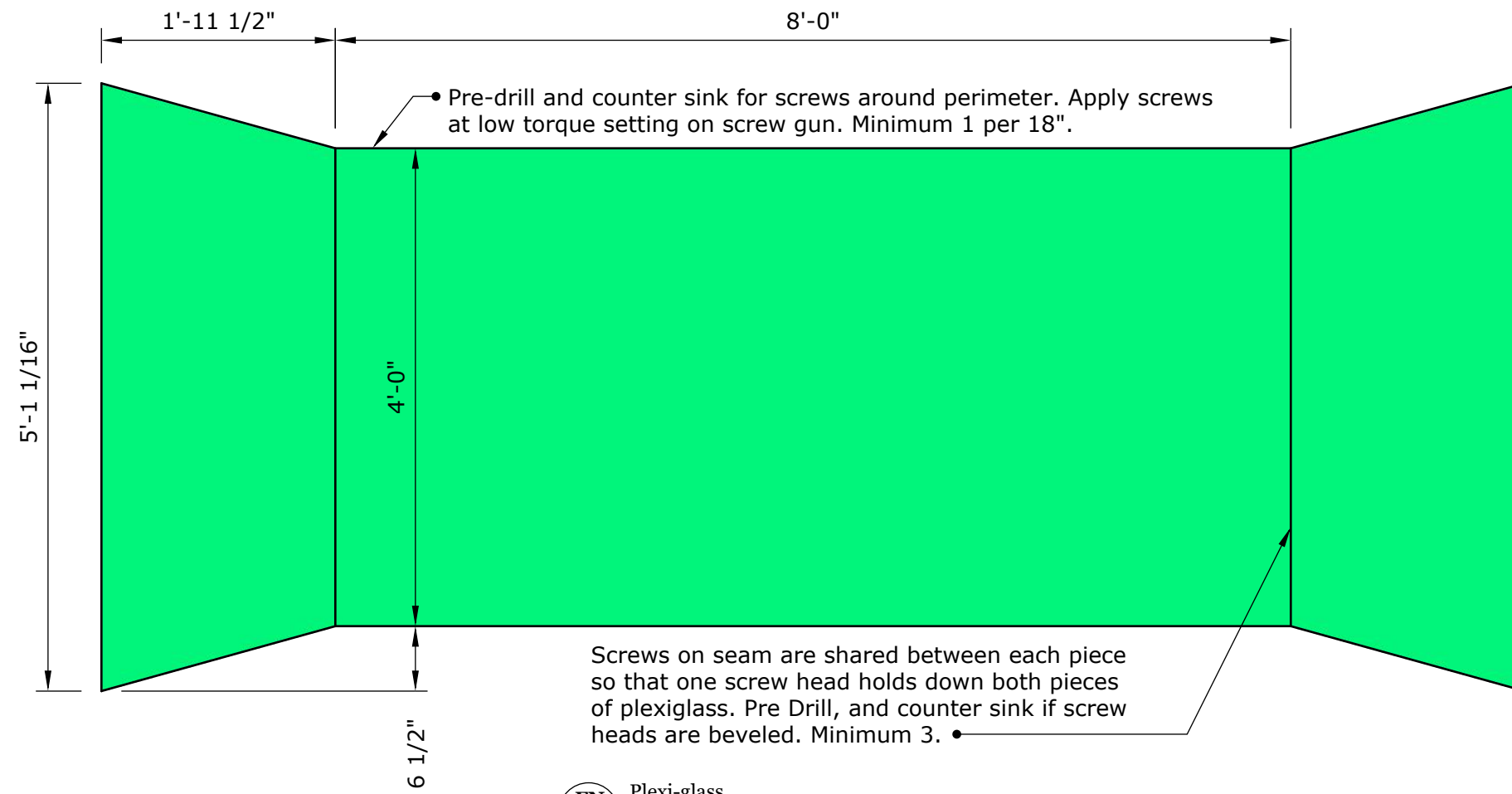
FO Molding Profile 1 : 1/2 ply
A72 Scale: 1:1



FP Molding Profile 2 : 1/4 ply
A72 Scale: 1:1

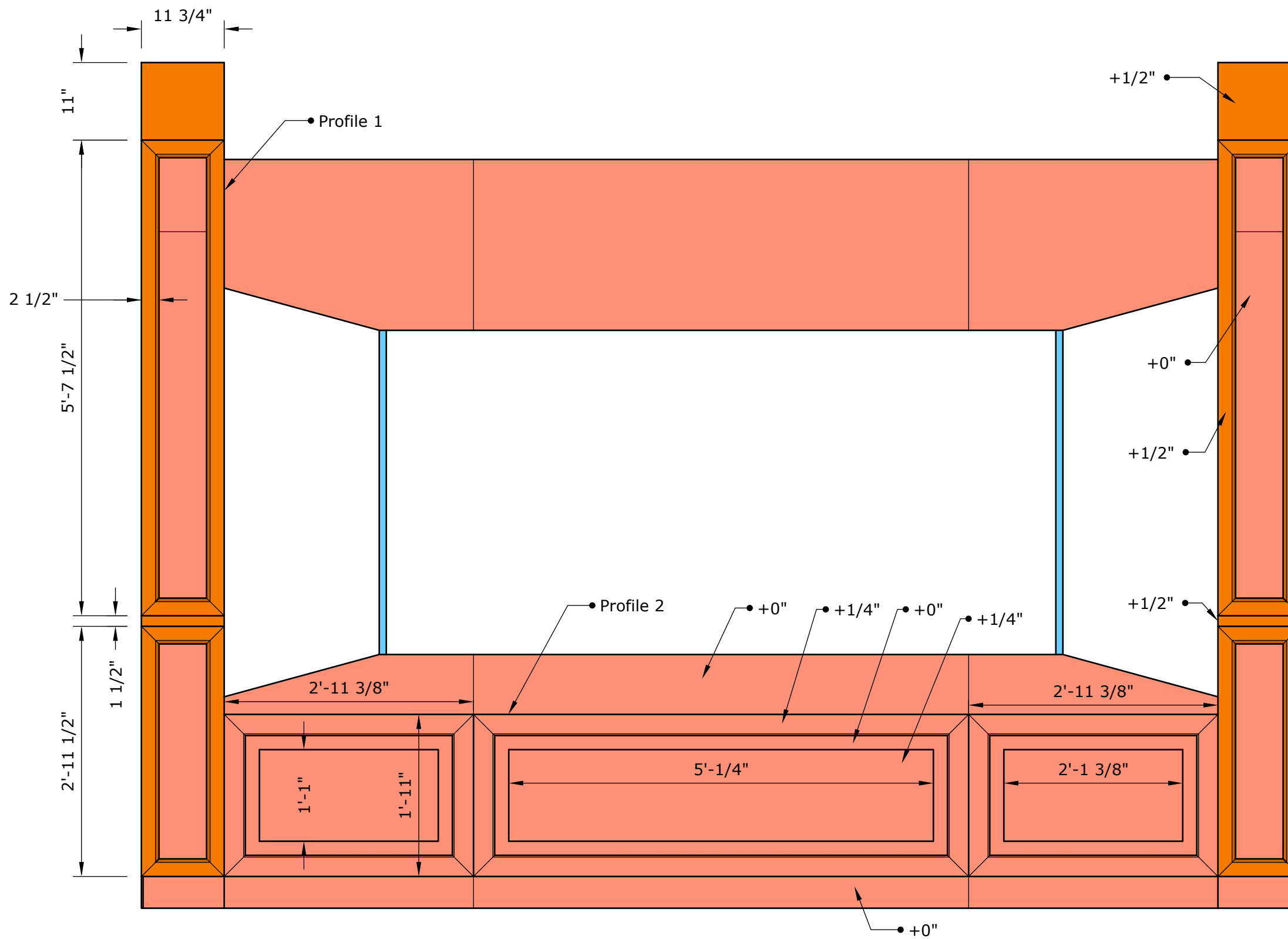


FQ Molding Profile 3 : 1x pine
A72 Scale: 1:1



FN Plexi-glass
A72 Scale: 3/4"=1'-0"

#72	Salon Hanger - Plexi & Molding Profiles		Arizona Broadway Theater	Scale: varies	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Print on 11 x 1		Date: 1/2/202	Director: Michael We	SM: Leigh Treat



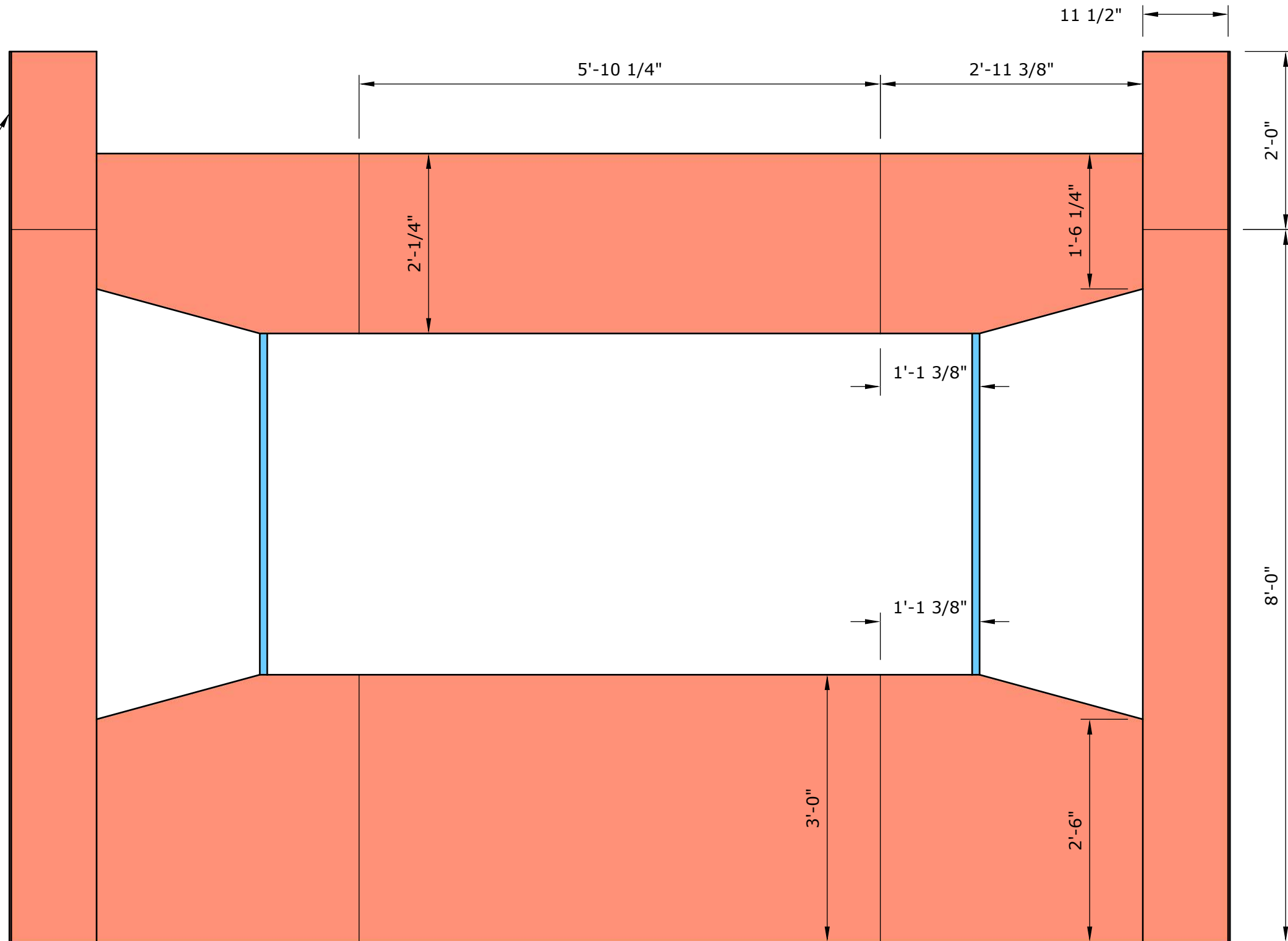
FR Recessed Paneling
A73 Scale: 3/4" = 1'-0"

FS Section View
A73 Scale: 3/4" = 1'-0"

Notes:
+ Lumber: Use 1/2 ply (orange/brown) for trim as well. Use 1/4 ply (red/pink) for f

Salon Hanger Mame	Print on 11 x 11	Arizona Broadway Theater	Scale: 3/4" = 1'-0"	Scenic Design: D. Clai	Drafted By: Doug Dio
			Date: 1/2/202	Director: Michael We	SM: Leigh Treat
#73					

2-1/4" wide strip covering the side

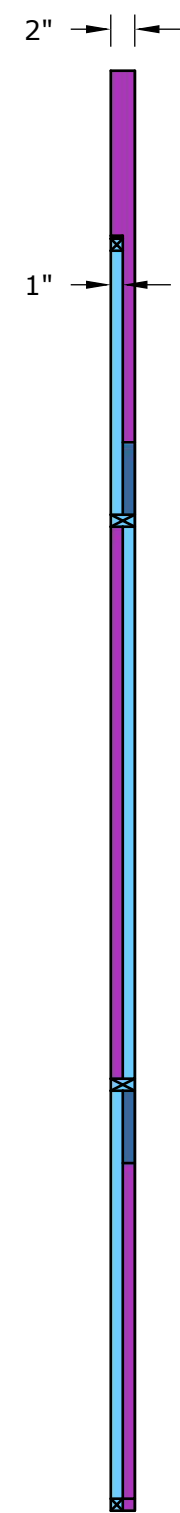
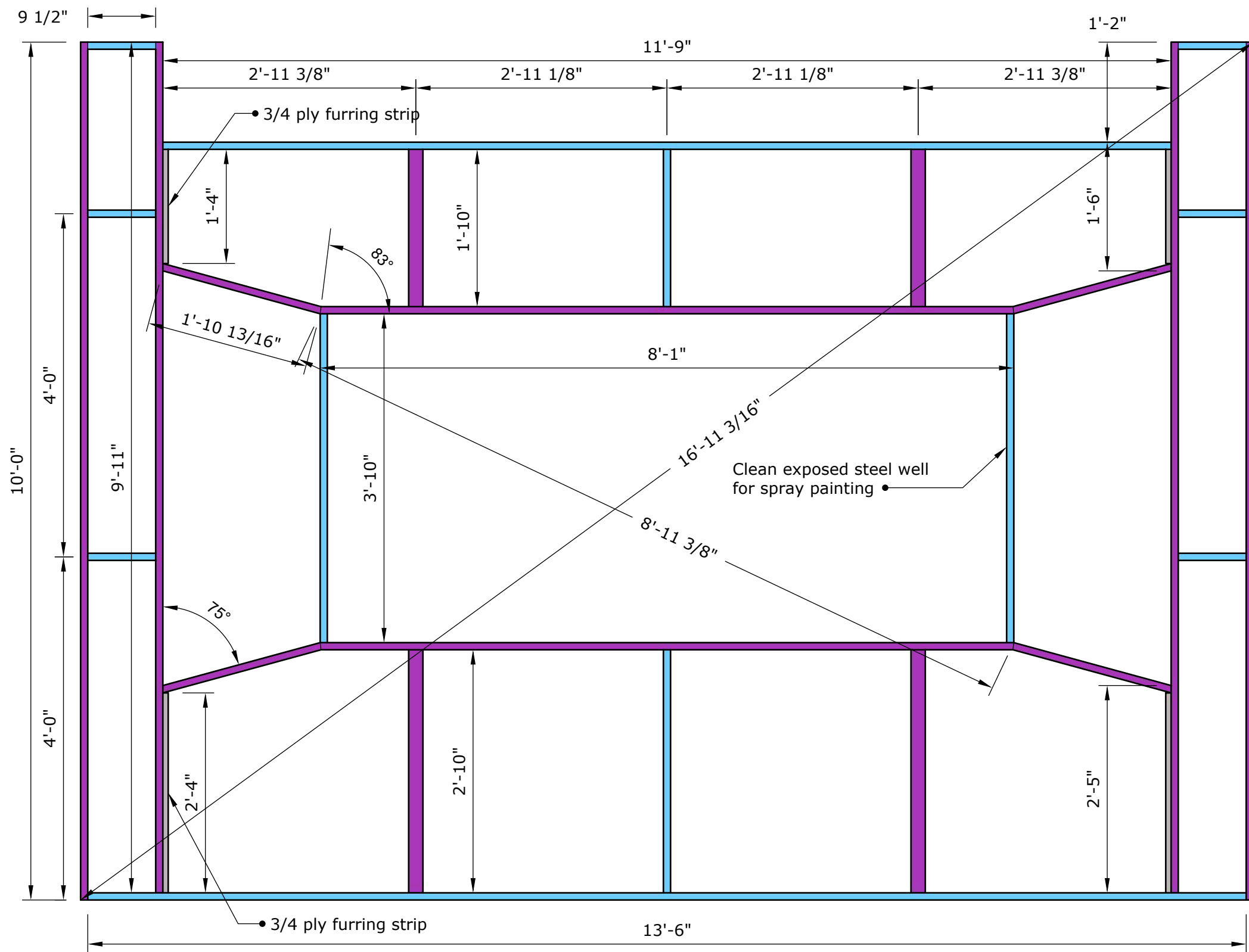


FT
A74 Facing
Scale: 3/4" = 1'-0"

FU
A74 Section View
Scale: 3/4" = 1'-0"

Notes:
+ Lumber: Use 1/4 ply (red/pink) for facing and
+ Steel framing shown in blue and purple

Salon Hanger	Arizona Broadway Theater		Scale: 3/4" = 1'-0"	Scenic Design: D. Clai	Drafted By: Doug Dio
	Print on 11 x 11		Date: 1/2/2022	Director: Michael We	SM: Leigh Treat
Mame	#74				

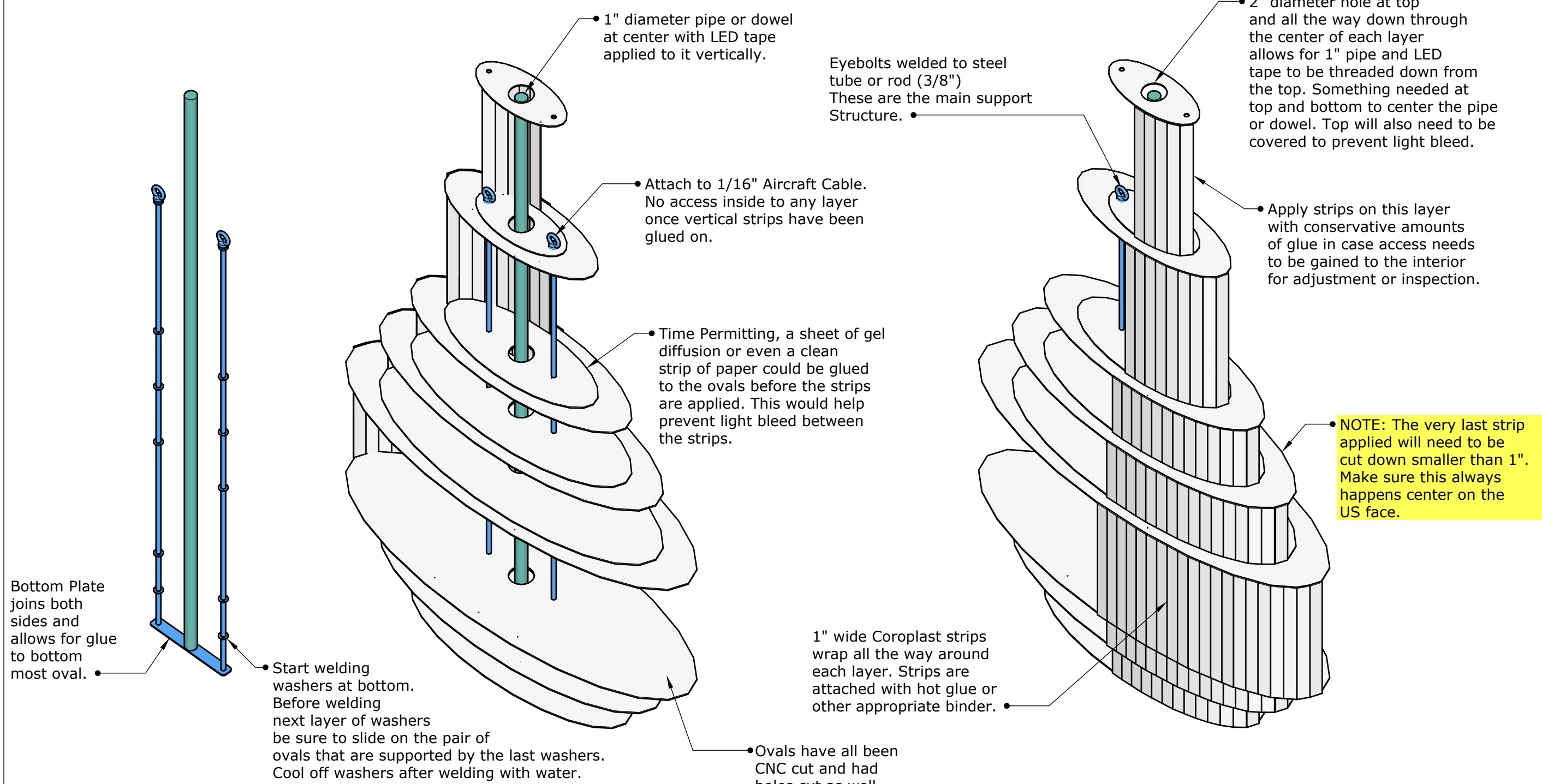


FV Steel Framing
A75 Scale: 3/4"=1'-0"

FW Section View
A75 Scale: 3/4"=1'-0"

Notes:
 + Steel: Use 1x1 (16ga) box tube (blue) and 1x2 (16ga) box tube (purple). Weld inside corners. Grind DS face flat as well as US
 +Lumber: Use 3/4" ply as furring strip where noted. Alternatively 1x1 could also be used.

Salon Hanger	Arizona Broadway Theater		Scale: 3/4"=1'-0"	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Print on 11 x 11	Date: 1/2/2022	Director: Michael We	SM: Leigh Treat
#75					

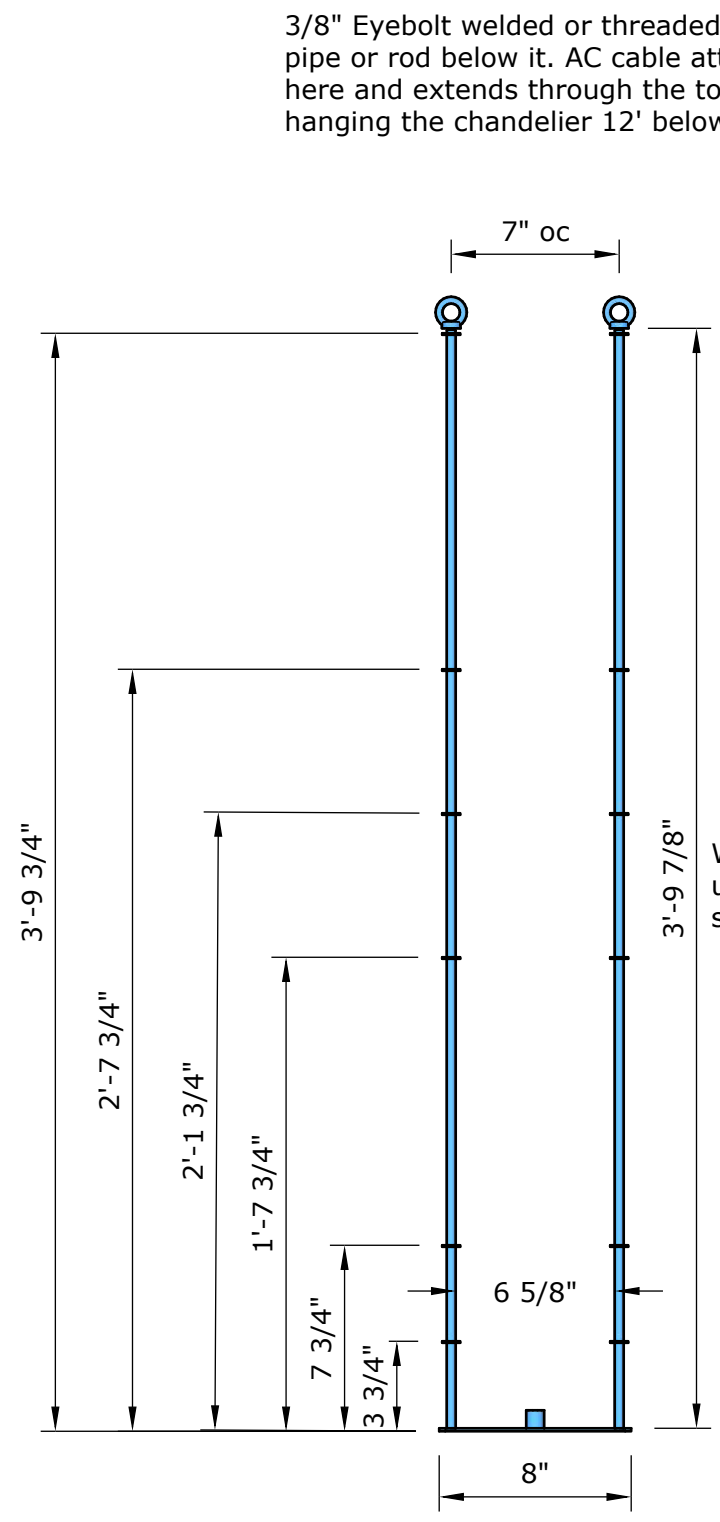


FX Steel Support Structure
A76 Scale: NTS

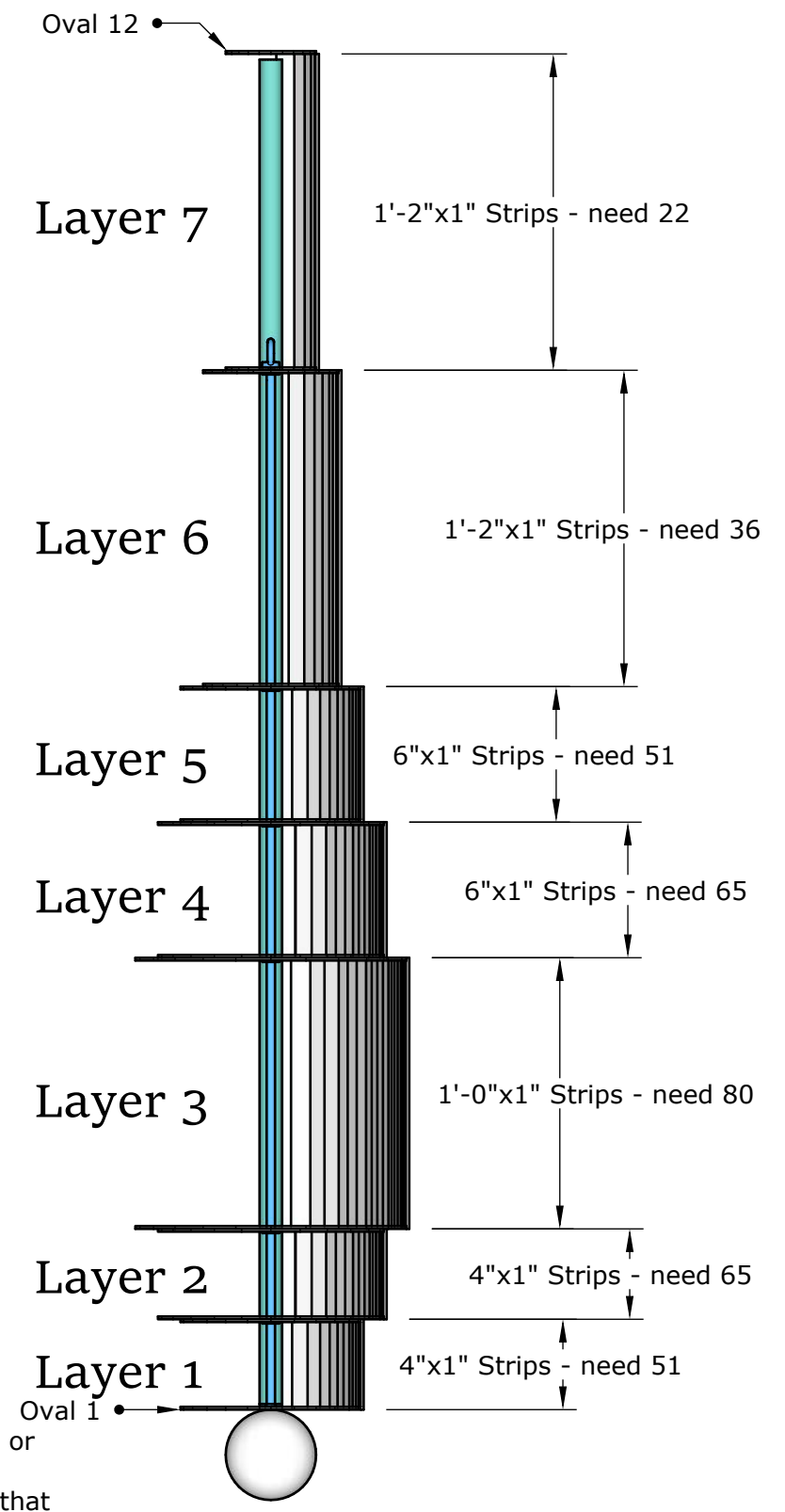
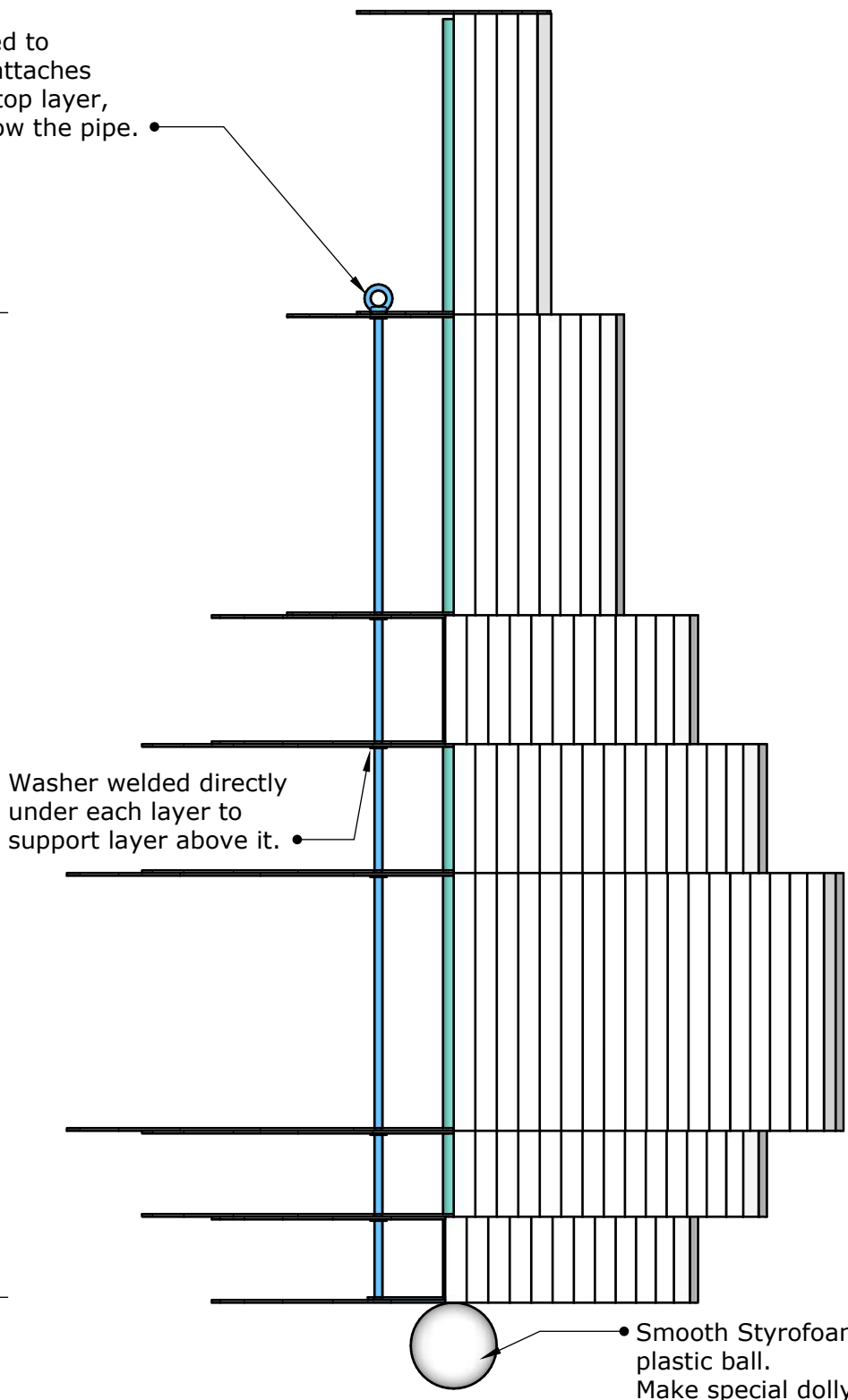
FY Chandelier Iso
A76 Scale: NTS

FZ Chandelier Iso
A76 Scale: NTS

Chandelier Isometrics	Arizona Broadway Theater		Scale: NTS	Scenic Design: D. Clair	Drafted By: Doug Dio
	Mame		Date: 1/2/2022	Director: Michael We	SM: Leigh Treat
#76					



3/8" Eyebolt welded or threaded to pipe or rod below it. AC cable attaches here and extends through the top layer, hanging the chandelier 12' below the pipe.

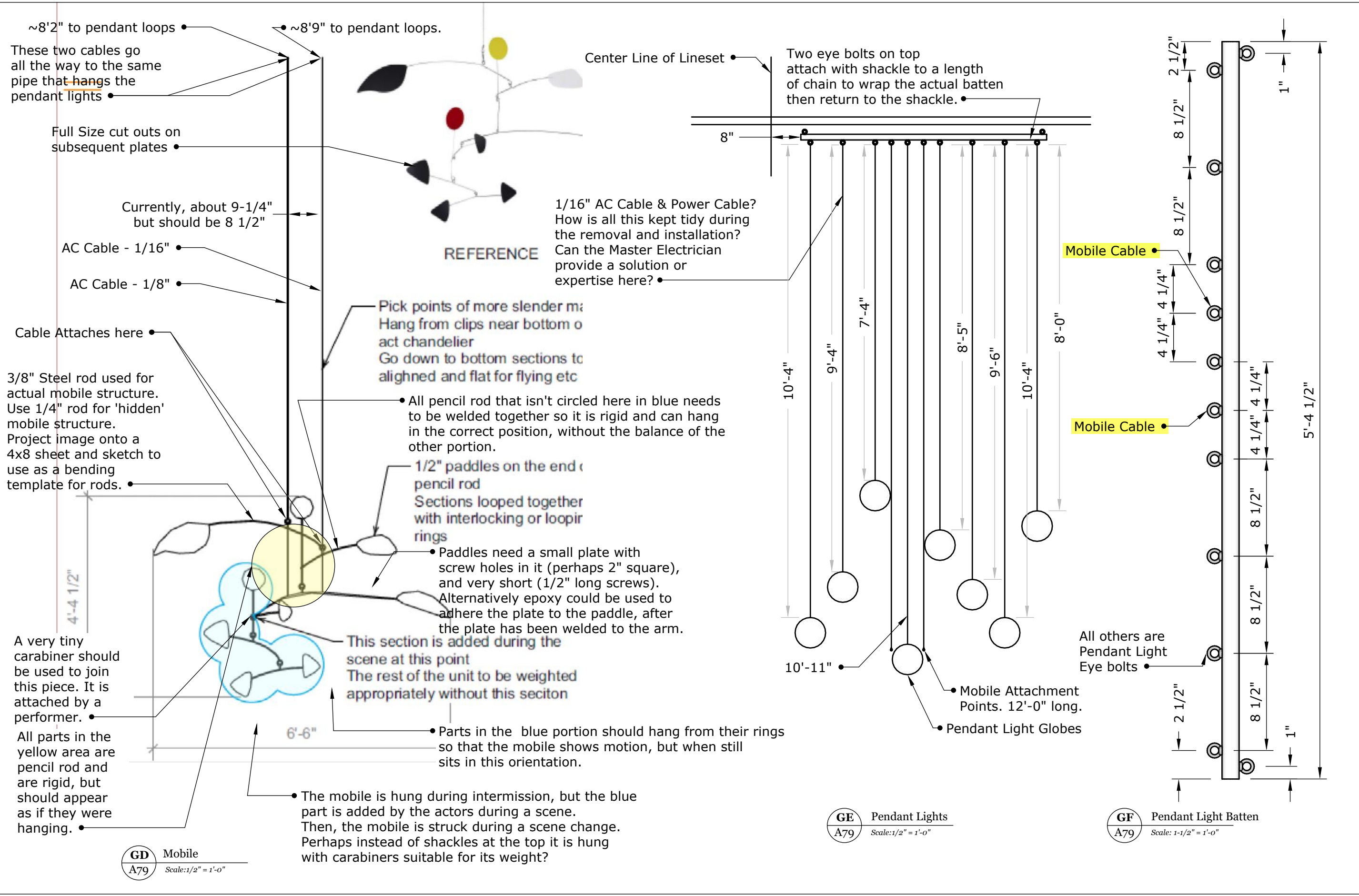


GA Steel Support Structure
A77 Scale: 1-1/2" = 1'-0"

GB Front View- DS Face
A77 Scale: 1-1/2" = 1'-0"

GC Chandelier Side View
A77 Scale: 1-1/2" = 1'-0"

Salon Hanger	Print on 11 x 11	Arizona Broadway Theater	Scale: 1-1/2" = 1'	Scenic Design: D. Claf	Drafted By: Doug Dio
			Date: 1/2/202	Director: Michael We	SM: Leigh Treat
Mame					



~8'2" to pendant loops

~8'9" to pendant loops.

These two cables go all the way to the same pipe that hangs the pendant lights

Full Size cut outs on subsequent plates

Currently, about 9-1/4" but should be 8 1/2"

AC Cable - 1/16"

AC Cable - 1/8"

Cable Attaches here

3/8" Steel rod used for actual mobile structure. Use 1/4" rod for 'hidden' mobile structure. Project image onto a 4x8 sheet and sketch to use as a bending template for rods.

4'-4 1/2"

A very tiny carabiner should be used to join this piece. It is attached by a performer.

All parts in the yellow area are pencil rod and are rigid, but should appear as if they were hanging.

GD Mobile
A79 Scale: 1/2" = 1'-0"

REFERENCE

1/16" AC Cable & Power Cable? How is all this kept tidy during the removal and installation? Can the Master Electrician provide a solution or expertise here?

Pick points of more slender material. Hang from clips near bottom of actual chandelier. Go down to bottom sections to aligned and flat for flying etc

All pencil rod that isn't circled here in blue needs to be welded together so it is rigid and can hang in the correct position, without the balance of the other portion.

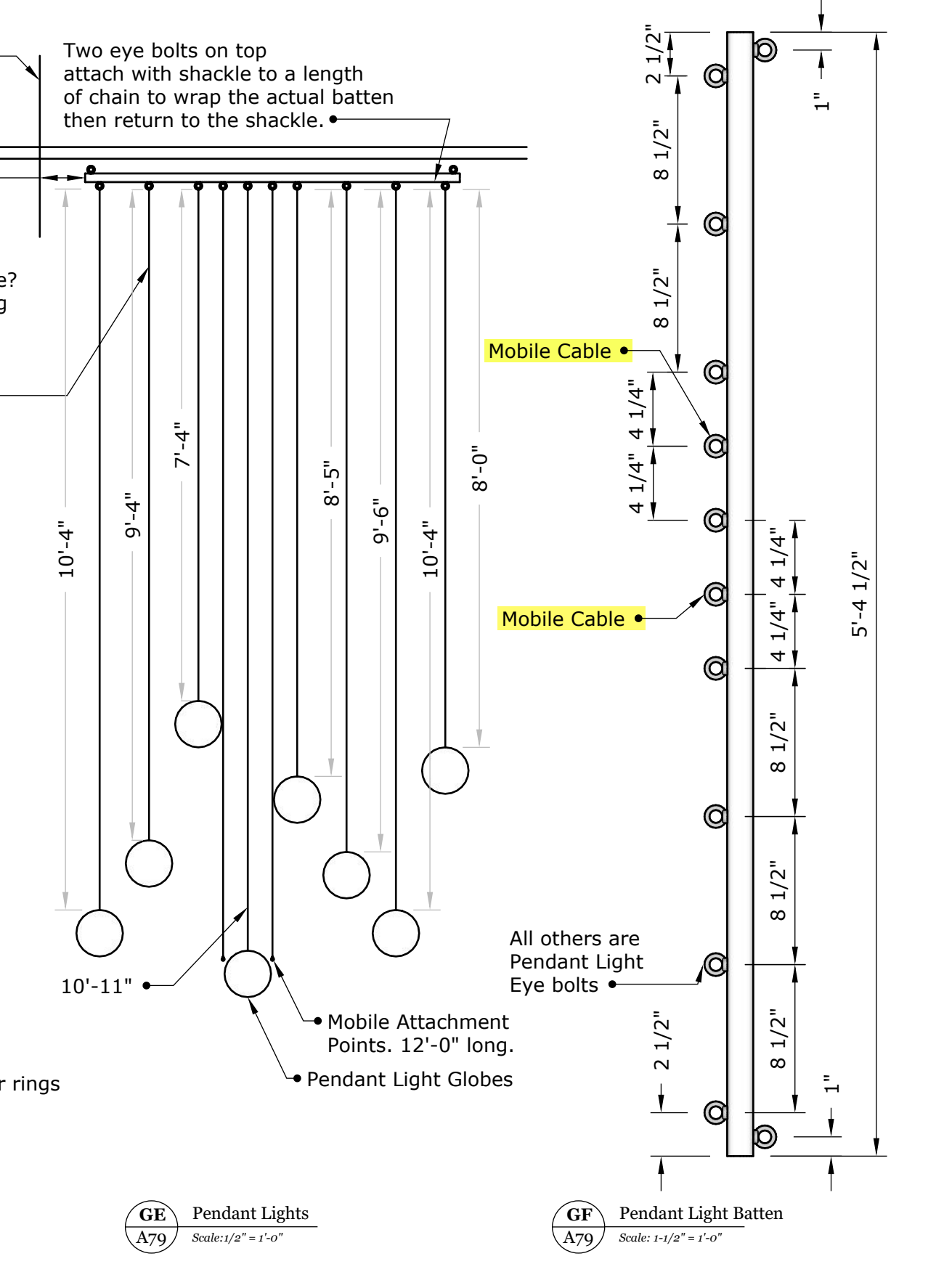
1/2" paddles on the end of pencil rod. Sections looped together with interlocking or loop rings

Paddles need a small plate with screw holes in it (perhaps 2" square), and very short (1/2" long screws). Alternatively epoxy could be used to adhere the plate to the paddle, after the plate has been welded to the arm.

This section is added during the scene at this point. The rest of the unit to be weighted appropriately without this section

Parts in the blue portion should hang from their rings so that the mobile shows motion, but when still sits in this orientation.

The mobile is hung during intermission, but the blue part is added by the actors during a scene. Then, the mobile is struck during a scene change. Perhaps instead of shackles at the top it is hung with carabiners suitable for its weight?



Center Line of Lineset

Two eye bolts on top attach with shackle to a length of chain to wrap the actual batten then return to the shackle.

8"

10'-4"

9'-4"

7'-4"

8'-5"

9'-6"

10'-4"

8'-0"

Mobile Cable

Mobile Cable

10'-11"

Pendant Light Globes

Mobile Attachment Points. 12'-0" long.

All others are Pendant Light Eye bolts

GE Pendant Lights
A79 Scale: 1/2" = 1'-0"

GF Pendant Light Batten
A79 Scale: 1-1/2" = 1'-0"

2 1/2"

8 1/2"

8 1/2"

8 1/2"

8 1/2"

8 1/2"

8 1/2"

8 1/2"

4 1/4"

4 1/4"

4 1/4"

4 1/4"

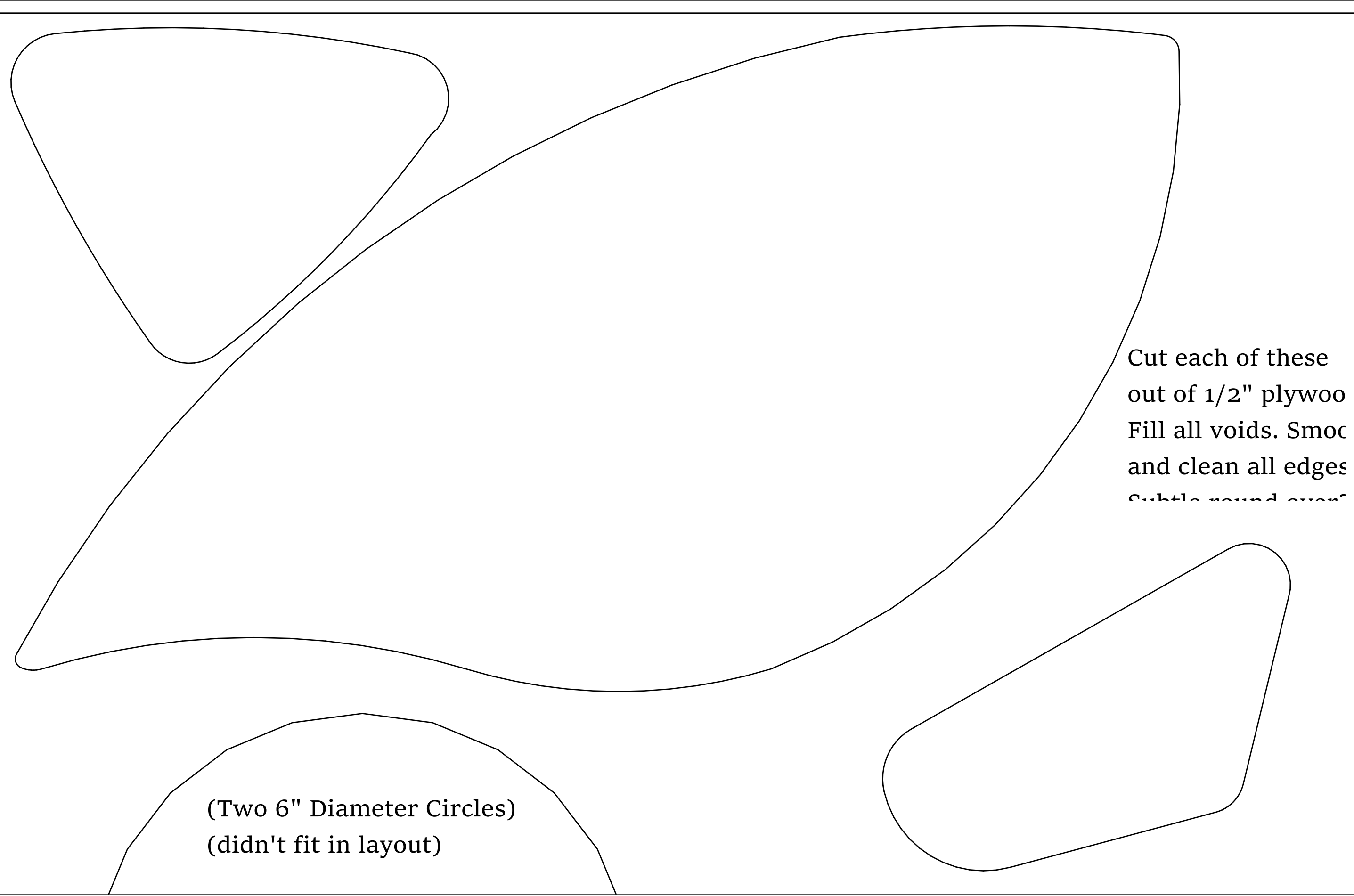
4 1/4"

5'-4 1/2"

1"

1"

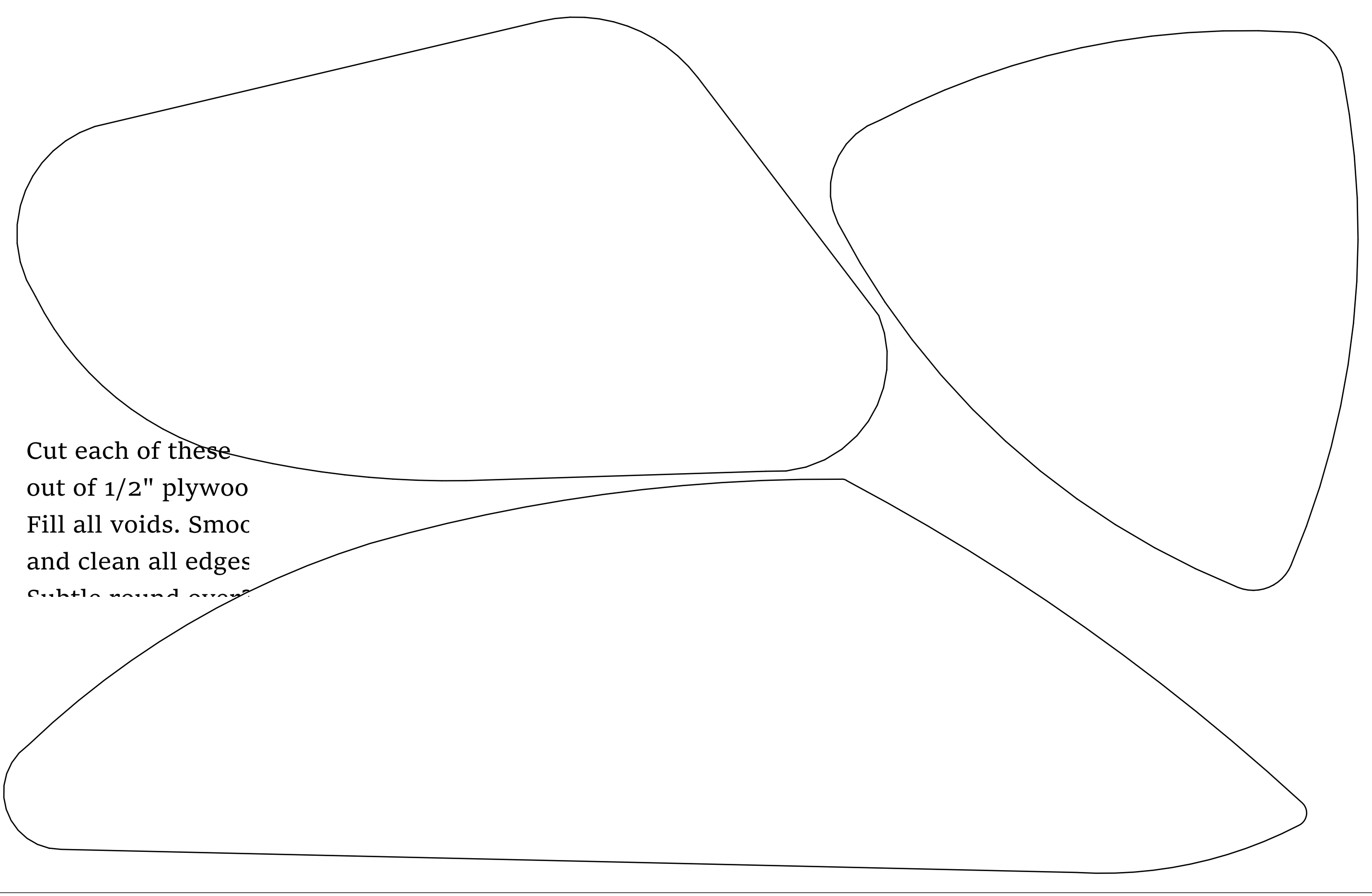
Mobile & Pendant Lights	Arizona Broadway Theater	Scale: varies	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Date: 1/2/202	Director: Michael We	SM: Leigh Treat
#79				



(Two 6" Diameter Circles)
(didn't fit in layout)

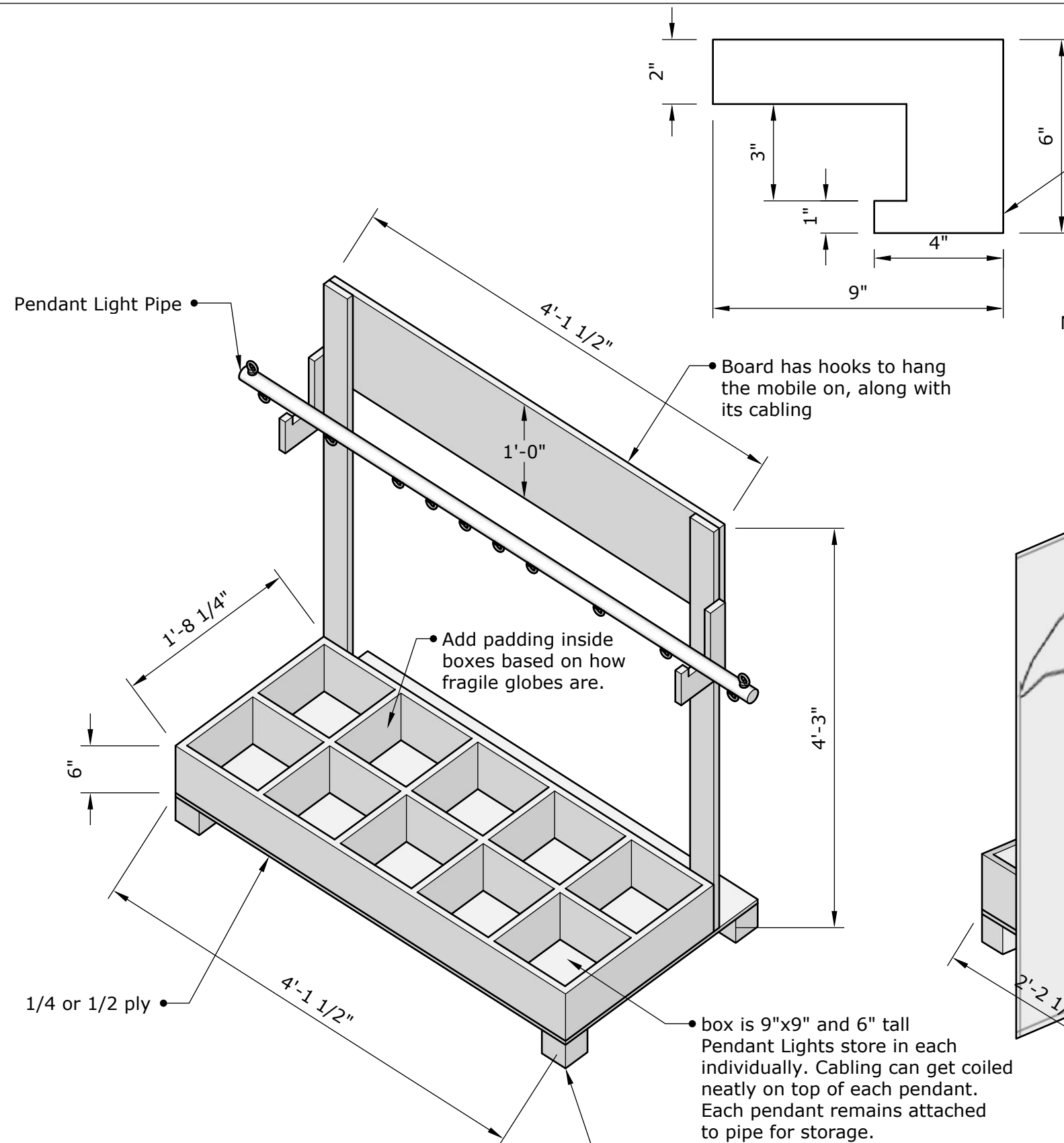
Cut each of these
out of 1/2" plywood
Fill all voids. Smooth
and clean all edges
Subtle sand over?

#80	Mobile Parts (1 of 2)	Arizona Broadway Theater	Scale: 1:1	Scenic Design: D. Clark	Drafted By: Doug Dio
	Mame	Print on 11 x 11	Date: 1/2/2022	Director: Michael We	SM: Leigh Treat



Cut each of these
out of 1/2" plywoo
Fill all voids. Smoc
and clean all edges
Subtle round over?

#81	Mobile Parts (2 of 2)	Arizona Broadway Theater	Scale: 1:1	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Print on 11 x 1	Date: 1/2/202	Director: Michael We	SM: Leigh Treat



• Make two... or something like this.

• Mobile hangs on this side of cart.

• Board has hooks to hang the mobile on, along with its cabling

• Add padding inside boxes based on how fragile globes are.

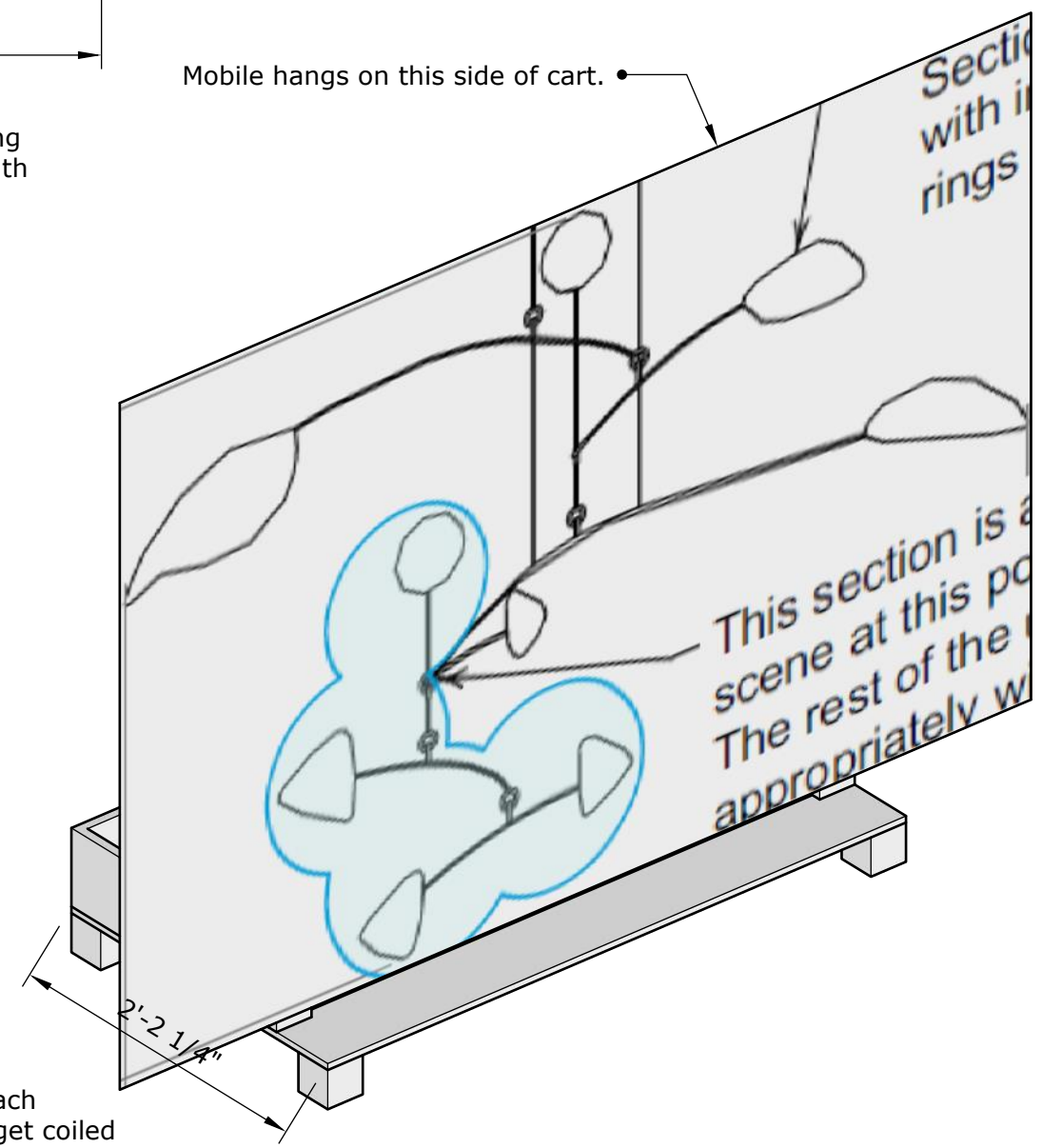
• box is 9"x9" and 6" tall
Pendant Lights store in each individually. Cabling can get coiled neatly on top of each pendant. Each pendant remains attached to pipe for storage.

• Casters

Pendant Light Pipe

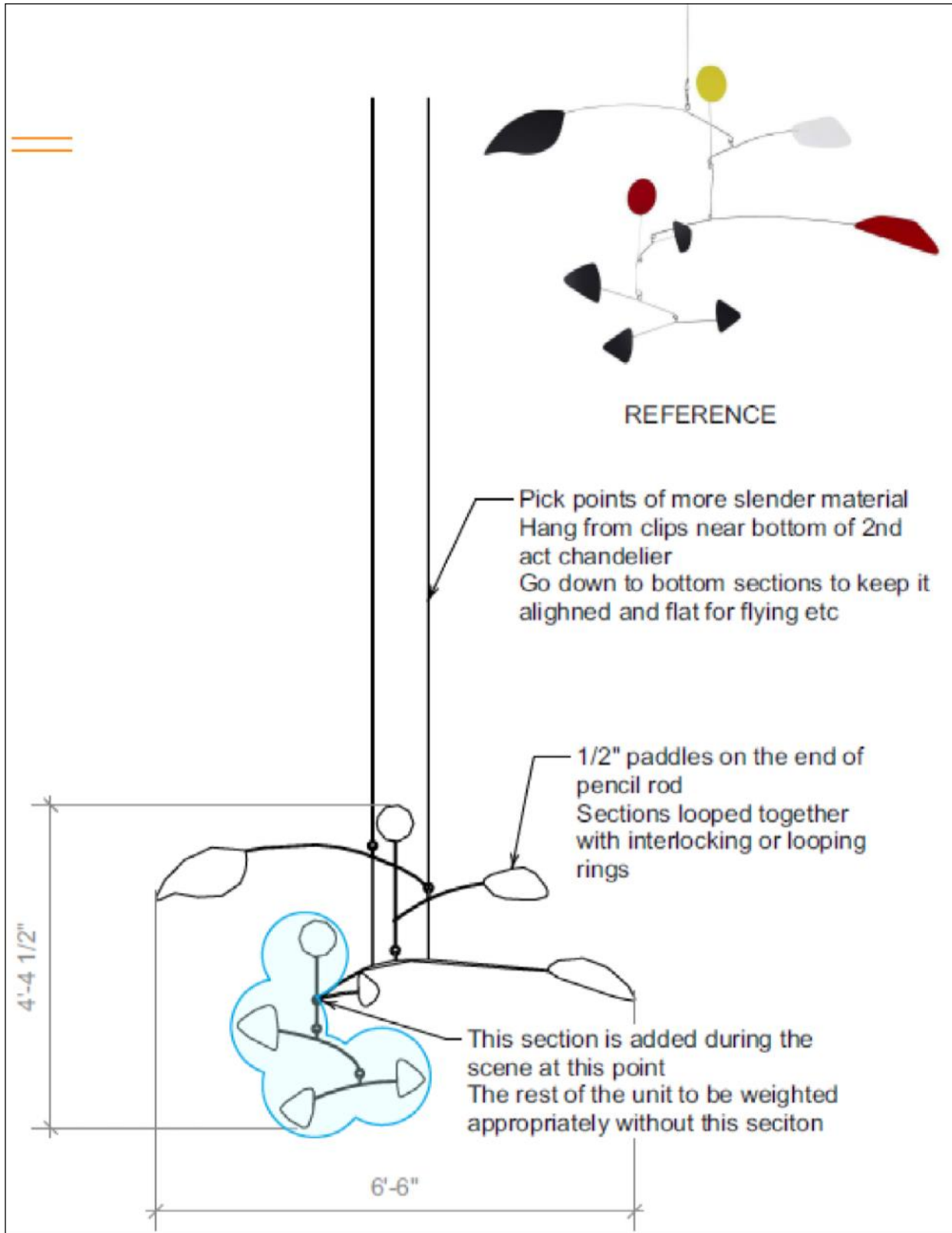
1/4 or 1/2 ply

GG Transport Cart Iso
A79 Scale: 1/2" = 1'-0"

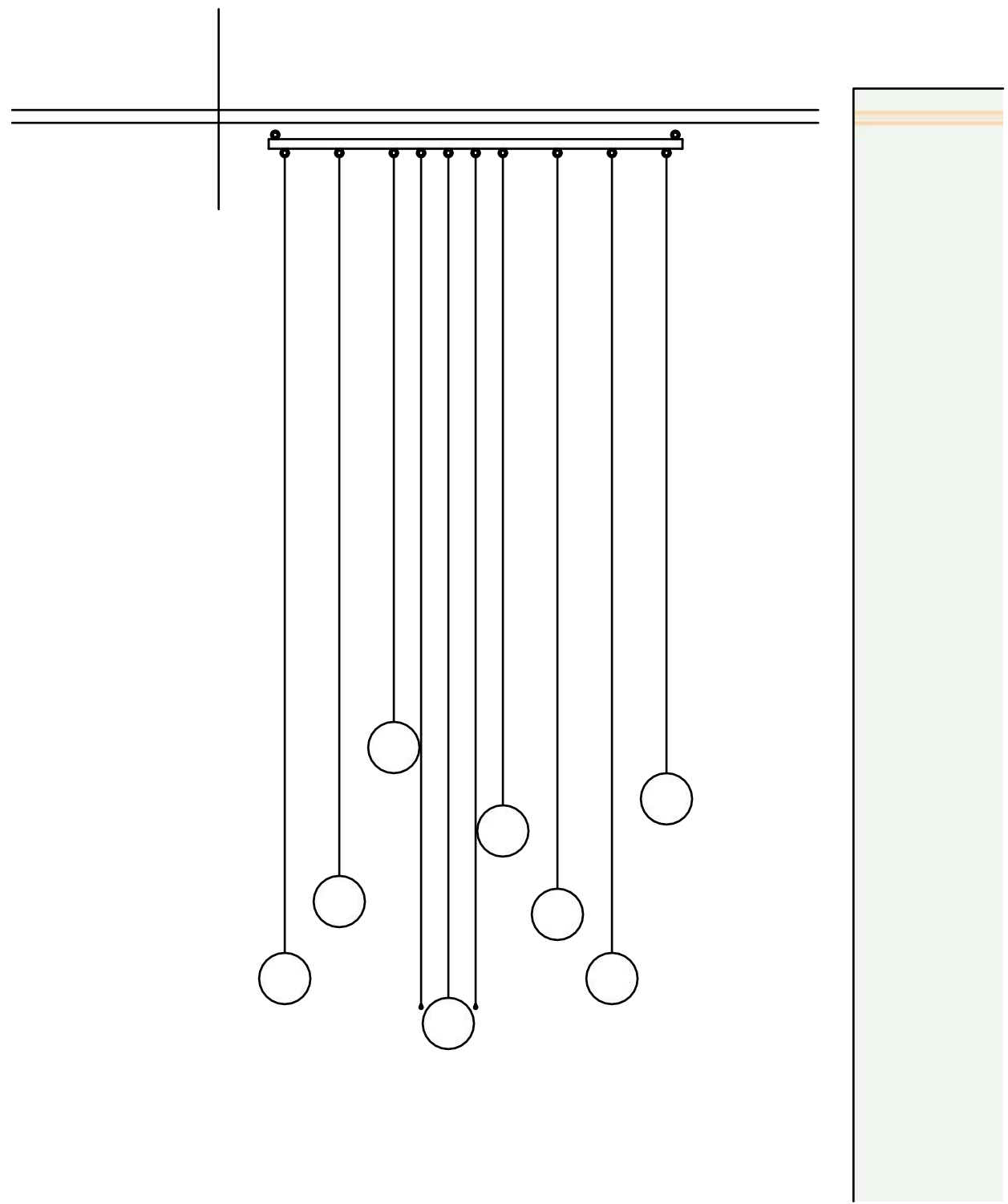


GH Transport Cart Iso
A79 Scale: 1/2" = 1'-0"

Transport Cart	Print on 11 x 11	Arizona Broadway Theater	Scale: 1-1/2" = 1'	Scenic Design: D. Clark	Drafted By: Doug Dio
	Mame		Date: 1/2/2022	Director: Michael We	SM: Leigh Treat
#82					



GD Mobile
A79 Scale: 1/2" = 1'-0"



GD Pendant Lights
A79 Scale: 1/2" = 1'-0"

Mobile & Pendant Lights	Arizona Broadway Theater	Scale: 1-1/2" = 1'	Scenic Design: D. Clai	Drafted By: Doug Dio
	Mame	Print on 11 x 1	Director: Michael We	SM: Leigh Treat
#79				