PRODUCED BY AN AUTODESK STUDENT VERSION

UTAH SHAKESPEARE FESTIVAL

BIG RIVER

TECHNICAL DESIGN PACKAGE

TECHNICAL DIRECTOR: THOMAS K. FAGERHOLM
ASSISTANT TECH DIR: ROBERT ANDERSON

PRODUCED BY AN AUTODESK STUDENT VERSION
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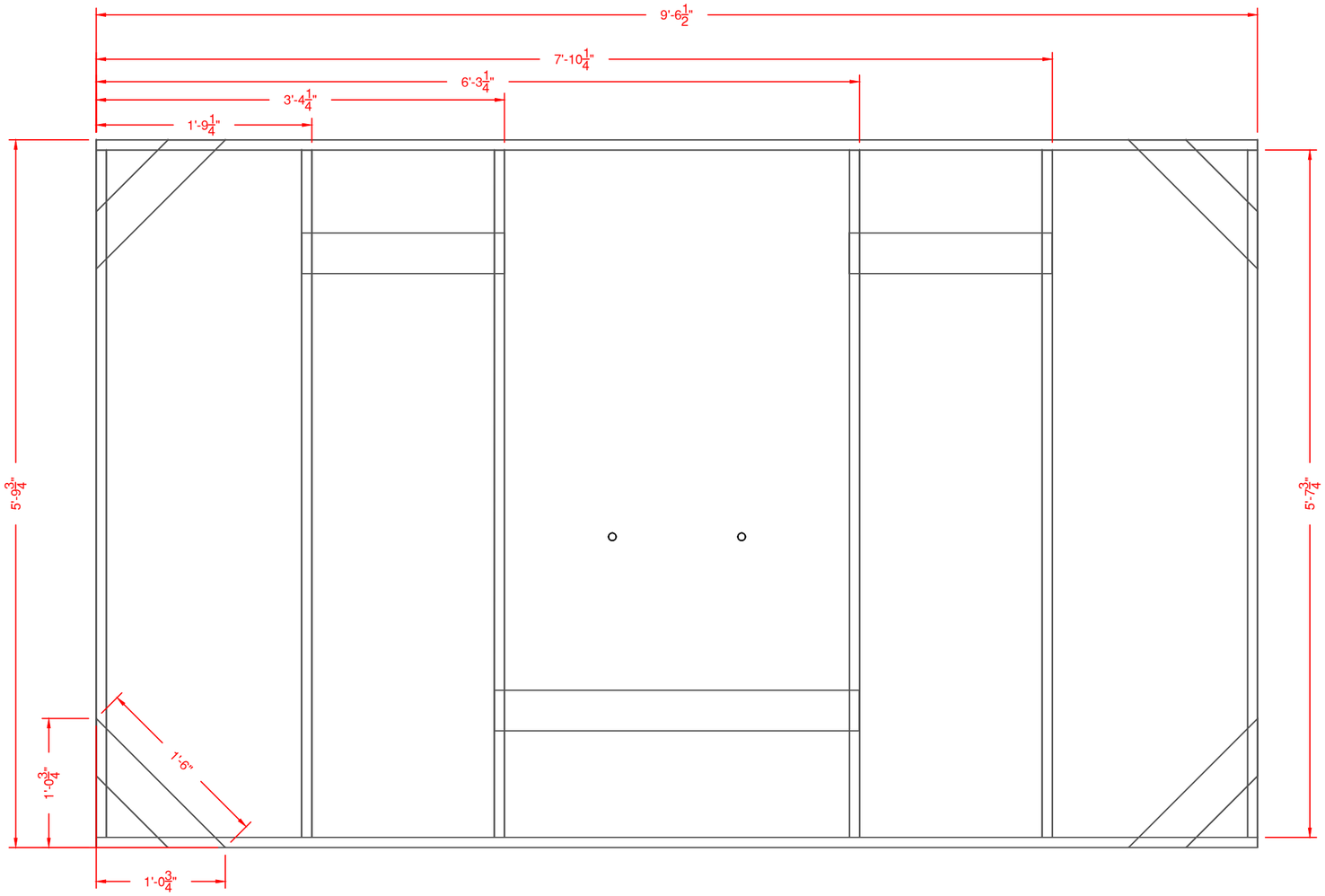
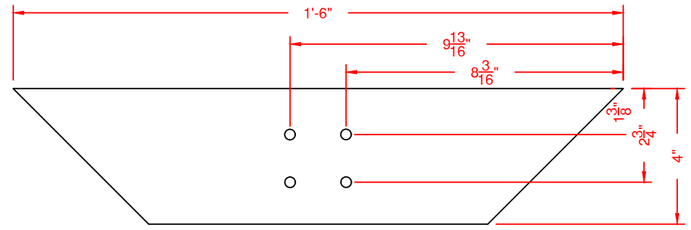


1 BR-101 RAFT BOTTOM FRAMING
TOP VIEW 1" = 1'-0"

1" X 1" X 0.065" ALUMINUM
11' 2 7/16" DIAGONAL MEASUREMENT
CASTER PLATES FROM 4" X 1/4" FLAT BAR ALUMINUM
CASTER PLATES WELDED TO TOP
BOLT PATTERN DETAIL ON BR-101 DRAWING 2
THREE WELDED SIDES, FILETS AND BOTTOMS



2 BR-101 BOLT PATTERN
BOLT PATTERN 3" = 1'-0"

7/16" DIAMETER BOLT HOLES
DIMENSIONS TO CENTER POINTS
ROSEBRAND TRIPLE SWIVEL CASTERS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

RAFT

BOTTOM FRAME

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RFT
DATE:	5/1/2018
FILE:	BR - 100 - RAFT.DWG
REV 1:	
REV 2:	

BUILD TIME

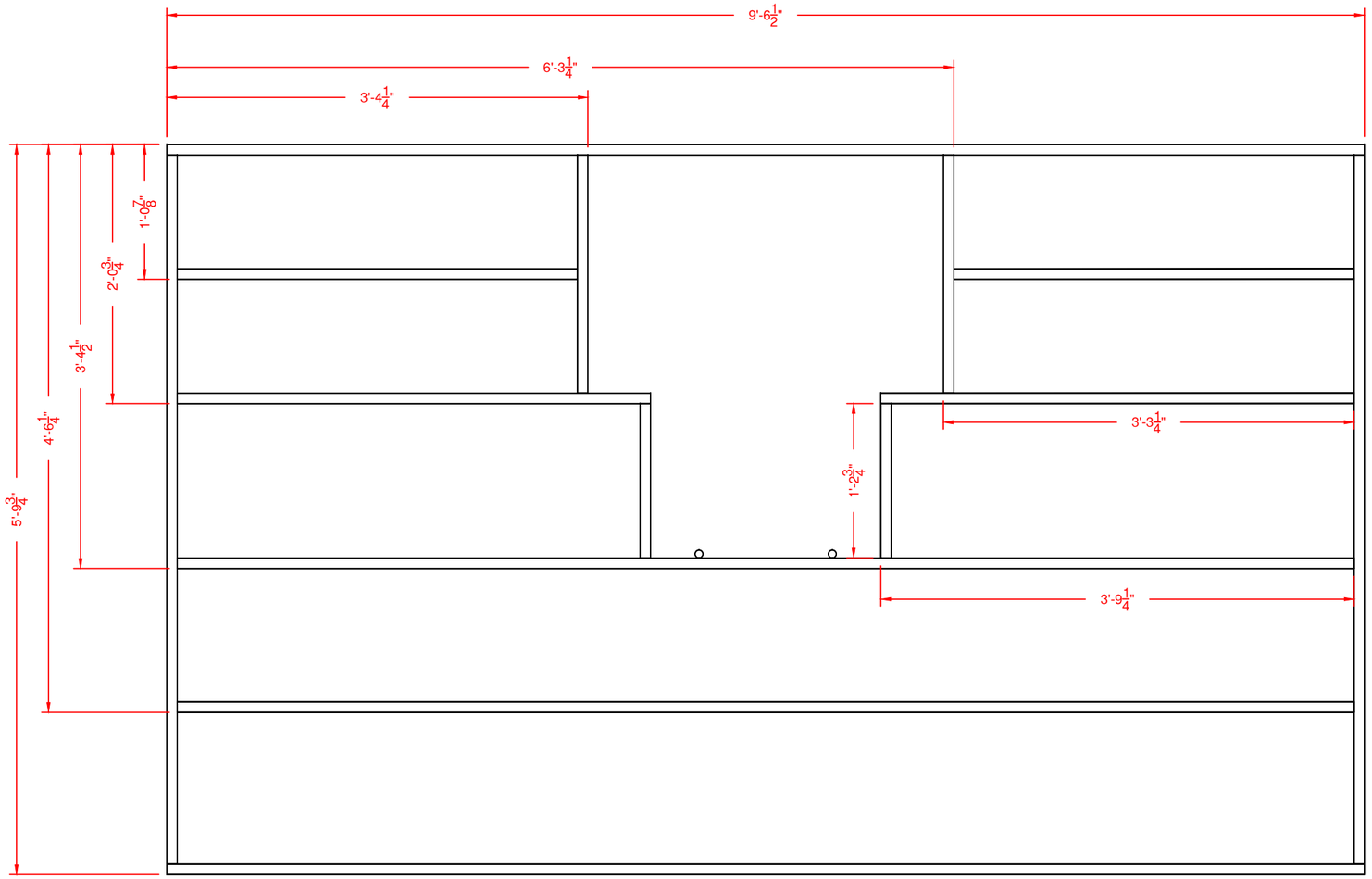
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-101



1 BR-102 RAFT TOP FRAMING
TOP VIEW 1" = 1'-0"

1" X 1" X 0.065" ALUMINUM
11' 2 1/16" DIAGONAL MEASUREMENT
THREE WELDED SIDES, FILETS AND TOPS

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BIG RIVER

RAFT

TOP FRAME

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RFT
DATE:	5/1/2018
FILE:	BR - 100 - RAFT.DWG
REV 1:	
REV 2:	

BUILD TIME

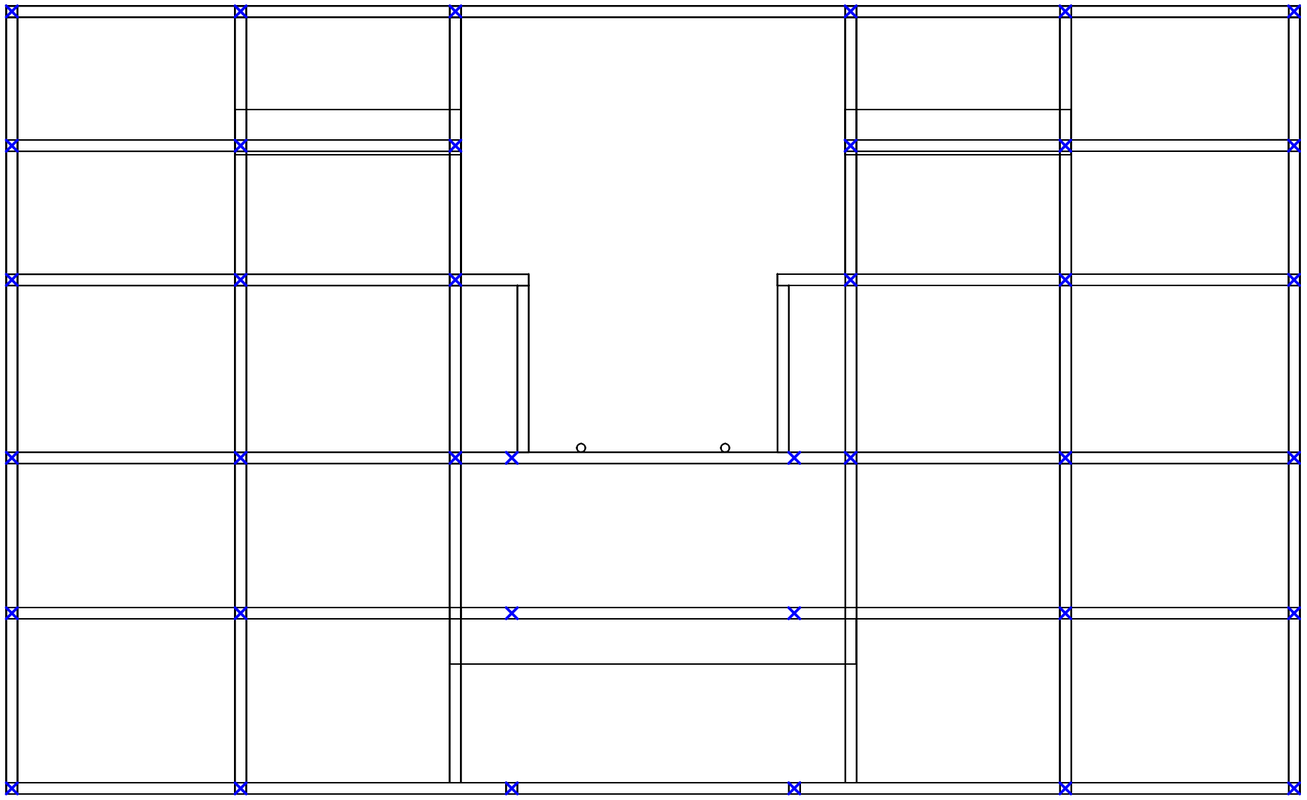
DAY	TIME

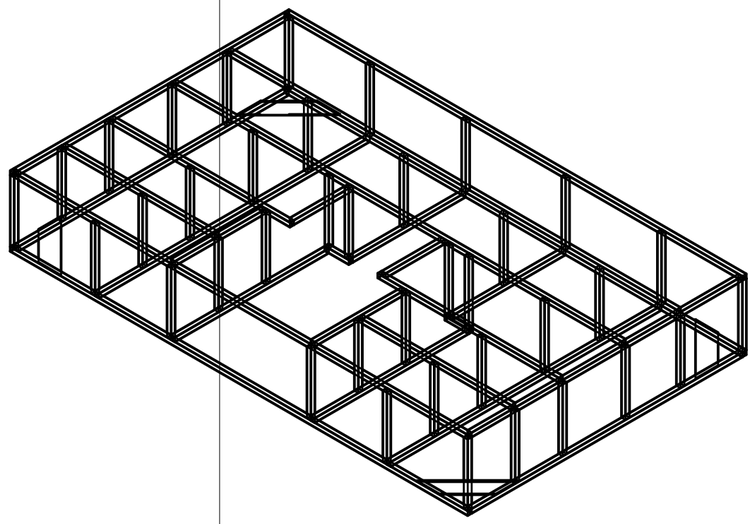
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-102

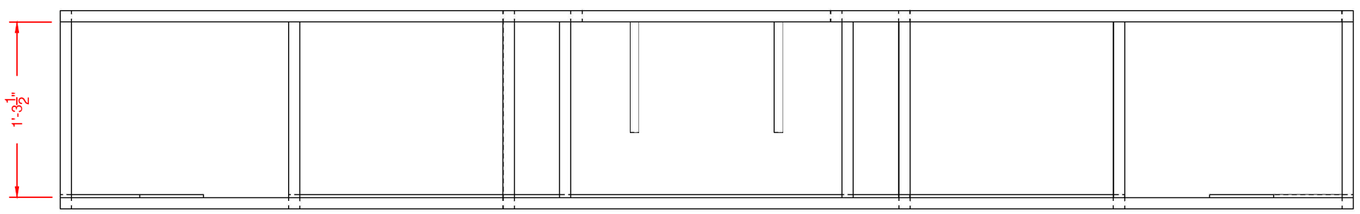




3 BR-103 FULL ASSEMBLY
ISO VIEW 1/2" = 1'-0"

1 BR-103 UPRIGHT PLACEMENT
TOP VIEW 1" = 1'-0"

UPRIGHTS IN BLUE
EVERY POINT WHERE TOP AND BOTTOM FRAMES INTERSECT



2 BR-103 UPRIGHT LENGTH
FRONT VIEW 1" = 1'-0"

1" X 1" X 0.065" ALUMINUM
38 UPRIGHTS
9' 7 7/8"" FRONT DIAGONAL
5' 11 15/16" SIDE DIAGONAL
THREE WELDED SIDES

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BIG RIVER

RAFT

UPRIGHTS

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TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RFT
DATE:	5/1/2018
FILE:	BR - 100 - RAFT.DWG
REV 1:	
REV 2:	

BUILD TIME

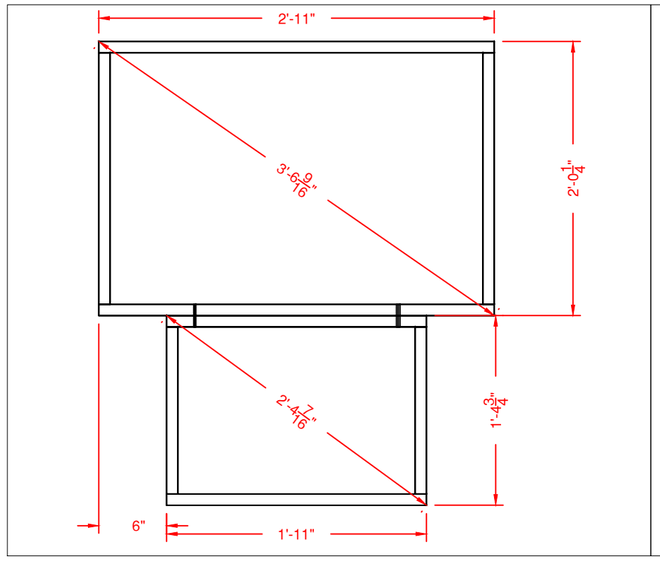
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

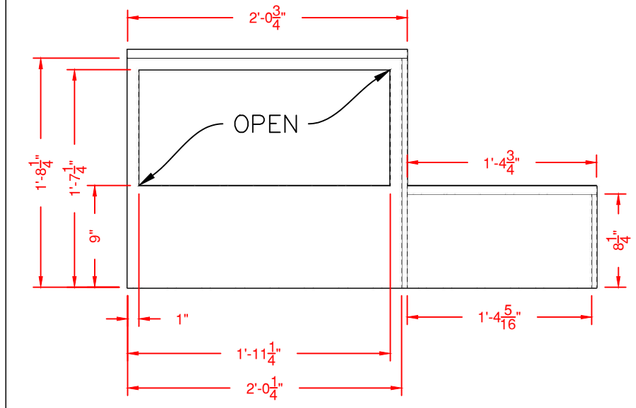
SCALE: AS NOTED

BR-103



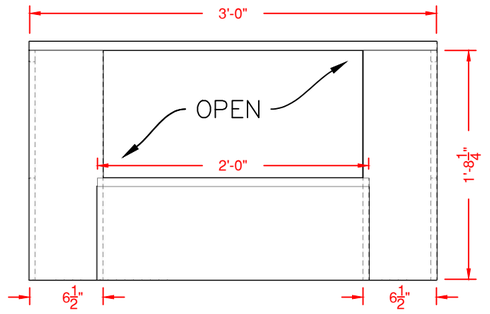
1 BR-104 — LOWER FRAMING
TOP VIEW 1" = 1'-0"

1" X 1" X 0.065" ALUMINUM
TWO SEPARATE FRAMES TO BE BOLTED TOGETHER
THREE WELDED SIDES
TWO OF EACH TOP AND BOTTOM



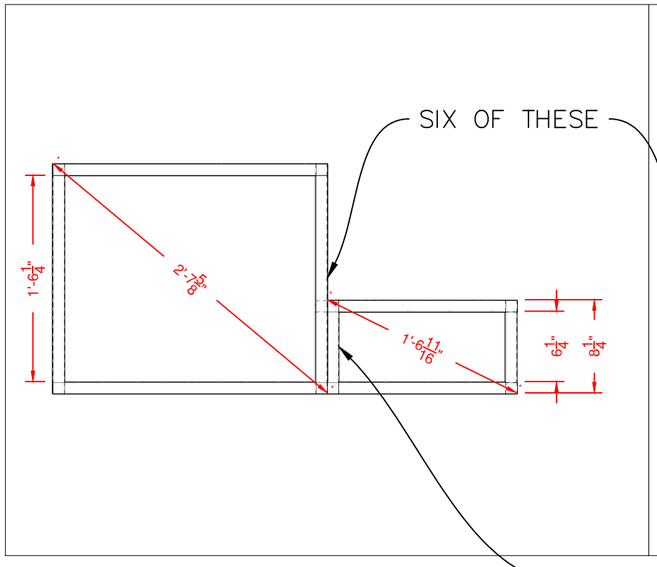
2 BR-104 — SIDE FACING
LIDS INCLUDED FOR DIMENSIONS 1" = 1'-0"

3/4" SANDEPLY
CUT TWO



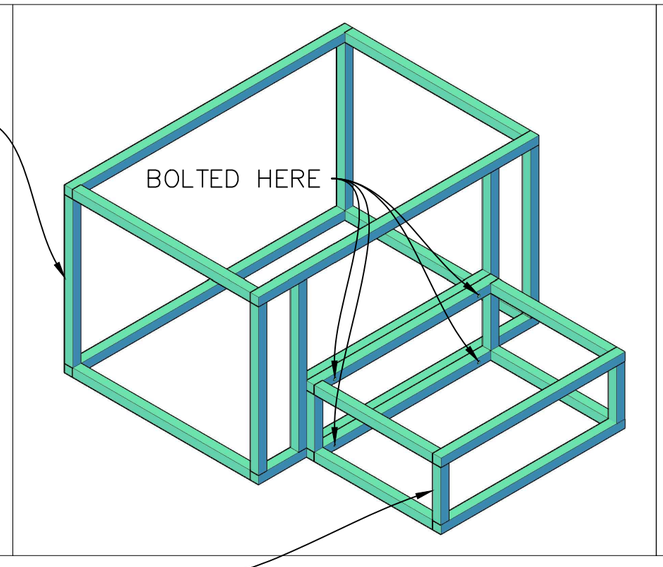
3 BR-104 — FRONT FACING
LIDS INCLUDED FOR DIMENSIONS 1" = 1'-0"

1/2" SANDEPLY



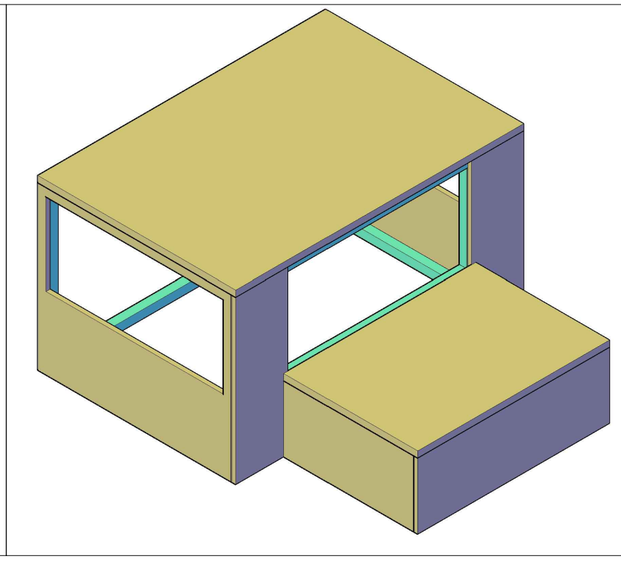
4 BR-104 — LUGGAGE FRAME
SIDE VIEW 1" = 1'-0"

SIX AT LONGER LENGTH
FOUR AT SHORTER LENGTH
WELD TOGETHER AS SHOWN IN DRAWING 5



5 BR-104 — FRAME ASSEMBLY
ISO VIEW 1" = 1'-0"

TWO BOLTS PER CONNECTED SECTION
1/4" X 2 1/2" WITH WASHERS AND LOCK WASHERS
5/16" BOLT HOLES
BOLT PLACEMENT NOT EXACT



6 BR-104 — FULL ASSEMBLY
ISO VIEW 1" = 1'-0"

3/4" PLYWOOD LIDS:
3'-0" X 2' 0 3/4"
2'-0" X 1' 4 3/4"
1/2" SANDEPLY FACING

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BIG RIVER

RAFT

LUGGAGE FRAMING

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RFT
DATE:	5/1/2018
FILE:	BR - 100 - RAFT.DWG
REV 1:	
REV 2:	

BUILD TIME

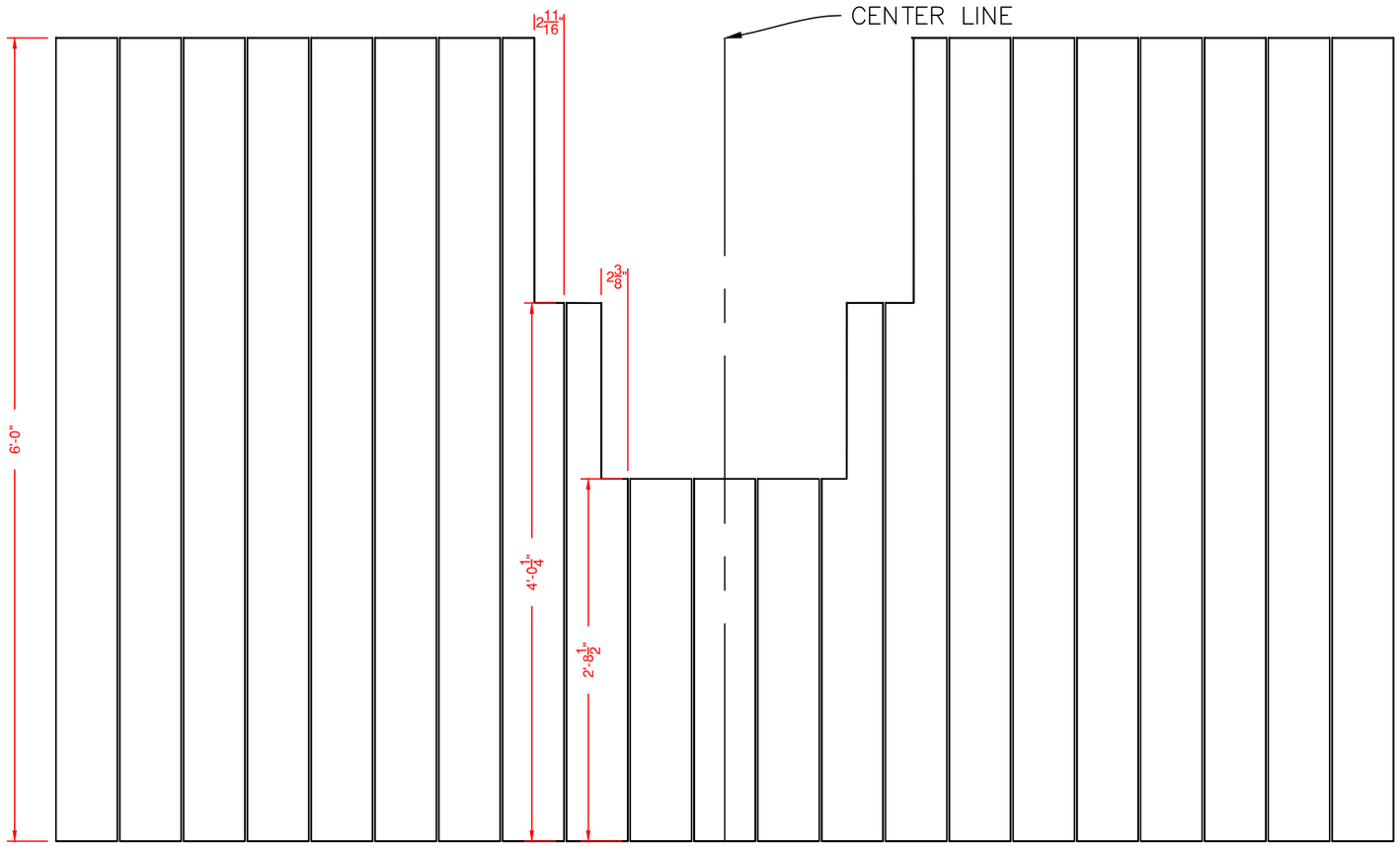
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

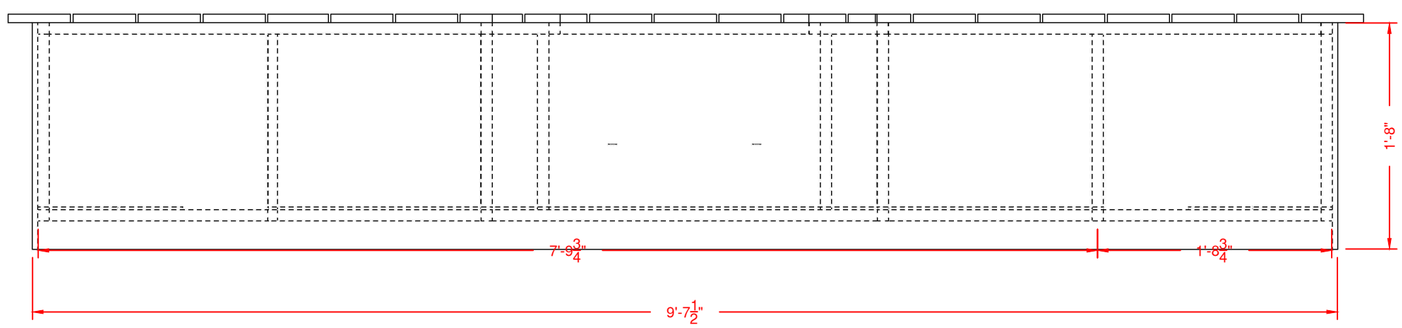
SCALE: AS NOTED

BR-104



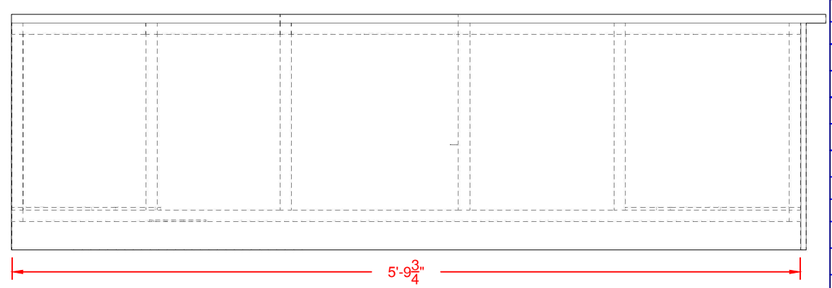
1 BR-105 RAFT TOP PLANKING
TOP VIEW 1" = 1'-0"

1" X 6" LUMBER
TEK SCREWS TO ATTACH TO ALUMINUM
TWO SCREWS ON EACH END, ONE PER TOGGLE BETWEEN
WORK OUT FROM CENTER
0.22" SPACING (USE LAUAN STRIPS TO SPACE)



2 BR-105 RAFT FACING
FRONT VIEW 1" = 1'-0"

3/4" SANDEPLY FACING
1" CLEARANCE TO FLOOR
FRONT CAPS SIDES
TEK SCREWS TO ATTACH TO ALUMINUM



3 BR-105 RAFT FACING
SIDE VIEW 1" = 1'-0"

3/4" SANDEPLY FACING
1" CLEARANCE TO FLOOR
FRONT CAPS SIDES
TEK SCREWS TO ATTACH TO ALUMINUM

Utah Shakespeare Festival
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351 University Blvd
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BIG RIVER

RAFT

PLANKING

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RFT
DATE:	5/3/2018
FILE:	BR - 100 - RAFT.DW
REV 1:	
REV 2:	

BUILD TIME

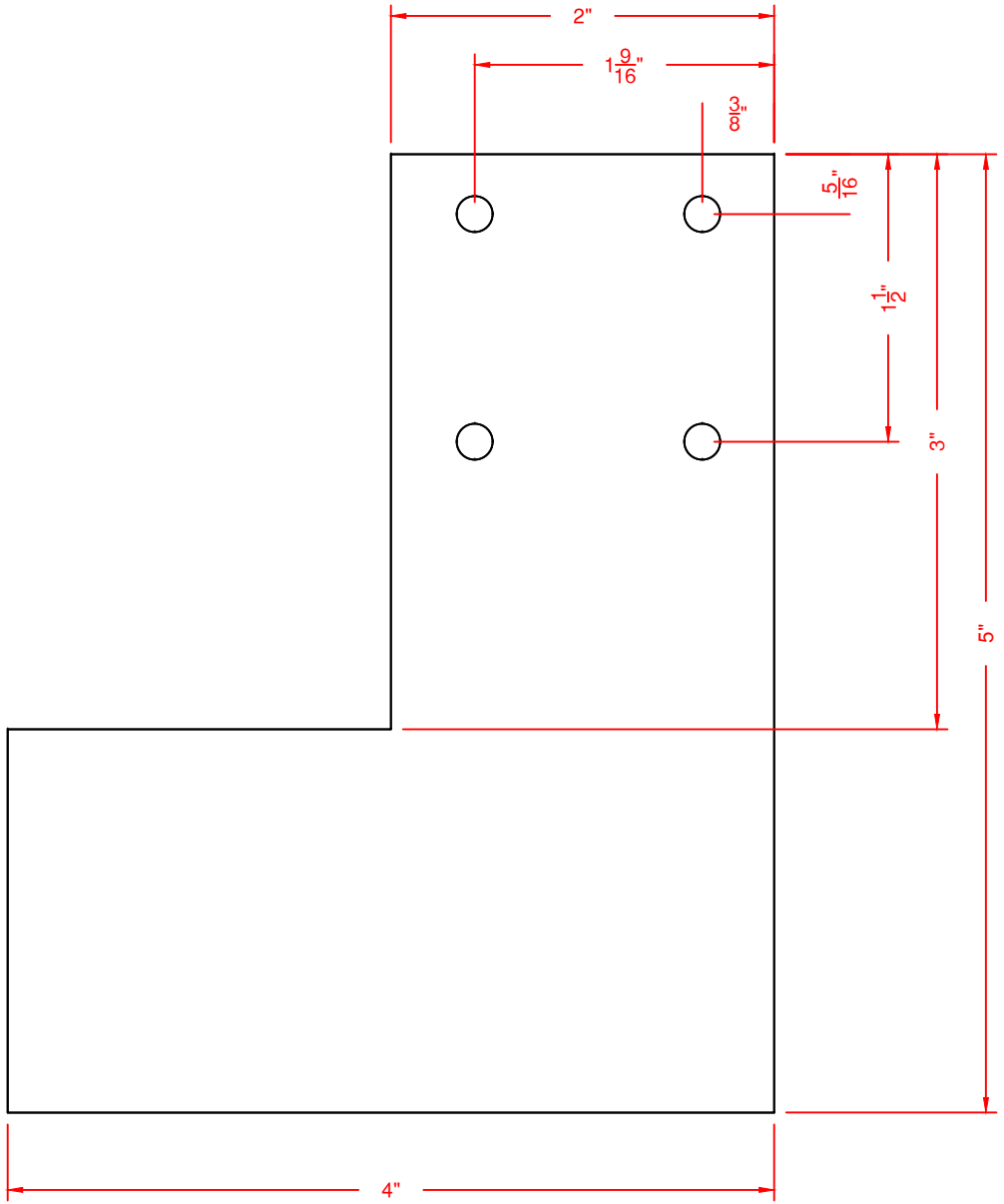
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-105



Utah Shakespeare Festival
Randall Jones Theatre
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BIG RIVER

RAFT

CONTROLLER MOUNT

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR-RFT
DATE:	5/10/2018
DWG:	BR-100-RAFT.DWG
REV 1:	
REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1:1

BR-106

1
120

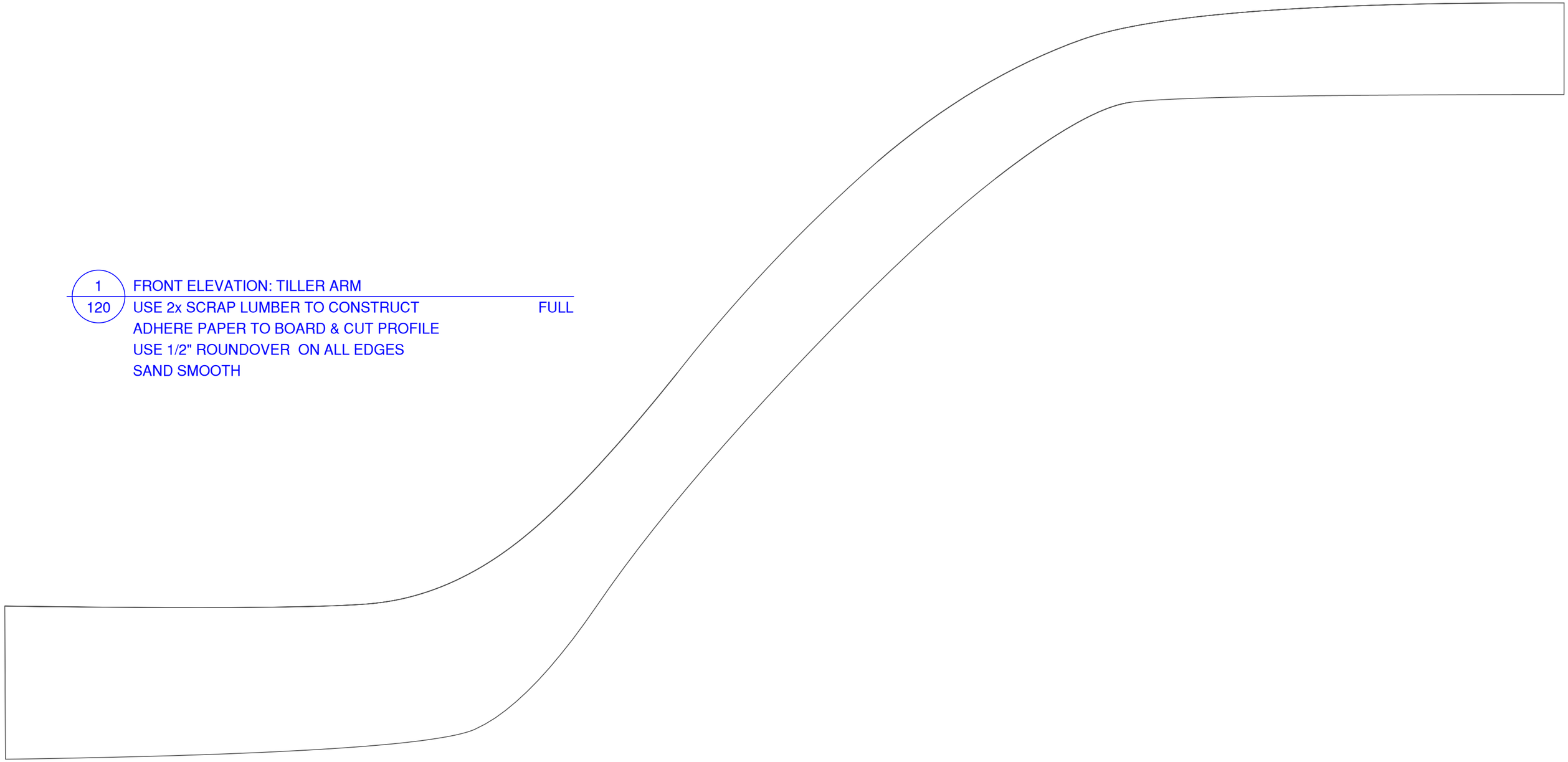
FRONT ELEVATION: TILLER ARM

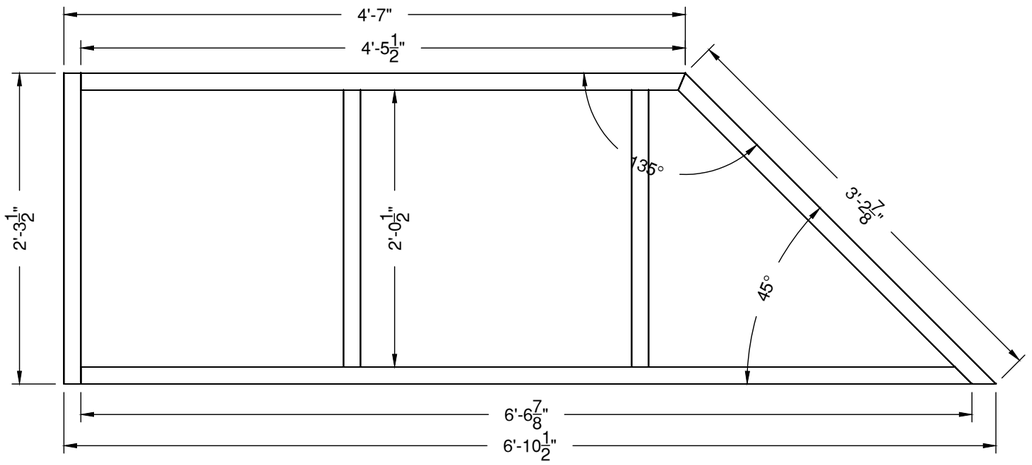
USE 2x SCRAP LUMBER TO CONSTRUCT FULL

ADHERE PAPER TO BOARD & CUT PROFILE

USE 1/2" ROUNDOVER ON ALL EDGES

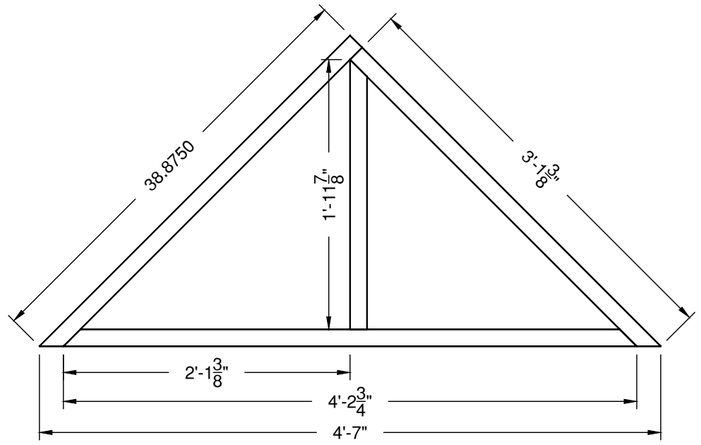
SAND SMOOTH





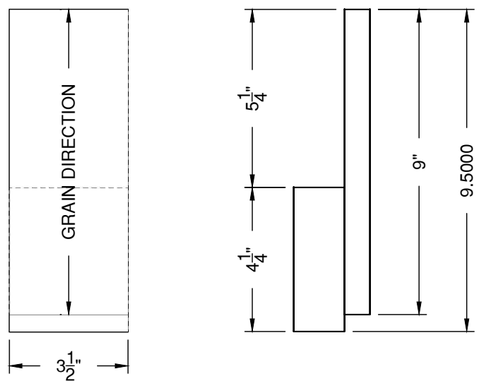
1 BR-301 — 2x6 BOTTOM FRAME
Top Veiw — 1" = 1'-0"

BUILD TWO (2) - R&R WHEN LID IS ATTACHED
MATERIAL IS 2x6 RIPPED TO 4 1/2"
GLUE AND SCREW CONST.
PRE-DRILL ALL HOLES WITH 1/8" DRILL BIT



2 BR-301 — 2x6 TOP FRAME
TOP VIEW — 1" = 1'-0"

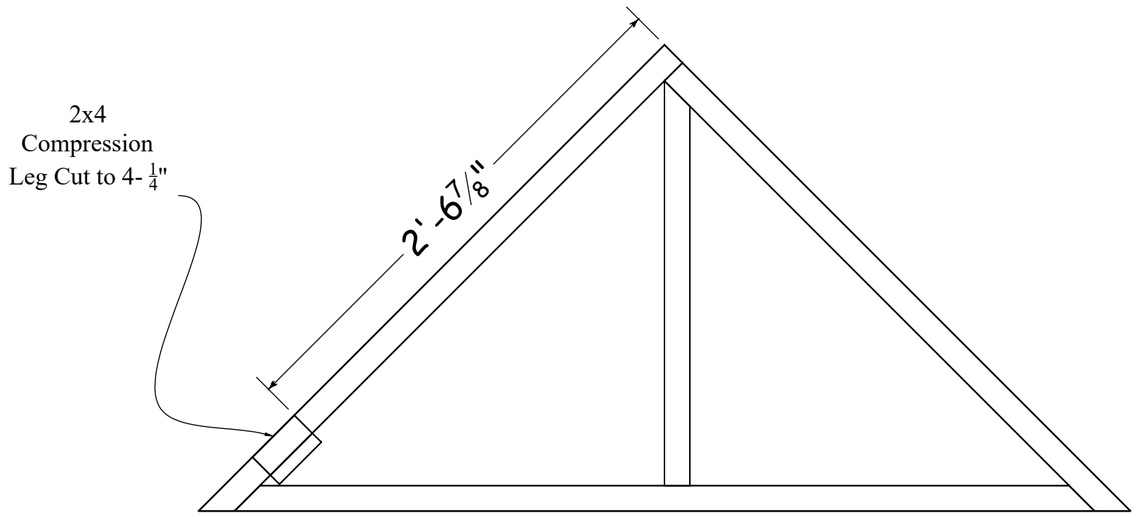
BUILD TWO (2) - R&R WHEN LID IS ATTACHED
MATERIAL 2x6 RIPPED TO 4 1/2"
GLUE & SCREW CONST.
PRE-DRILL ALL HOLES WITH 1/8" DRILL BIT



FRONT VIEW SIDE VIEW

3 BR-301 — TOP FRAME COMPRESSION LEG CONST.
2X4 & 3/4" PLY — 3" = 1'-0"

BUILD TWO (2)
3/4" PLY GRAIN SHOULD GO VERTICAL
GLUE & STAPLE 3/4" PLY TO 2X4



4 BR-301 — COMPRESSION LEG PLACEMENT
TOP VIEW LID REMOVED FOR CLARITY — 1 -1/2" = 1'-0"

ATTACH LEG AFTER PLANKING IS ATTACHED
BUILD TWO (2) - R&R WHEN LID IS ATTACHED

Utah Shakespeare Festival
Randall Jones Theatre
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BIG RIVER

APRON DOCKS

FRAMES

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	NILS!	INVENTORY CODE:	BR-APD
DATE:	5/9/18	FILE:	BR-300 APRON DOCKS
REV 1:		REV 2:	

BUILD TIME

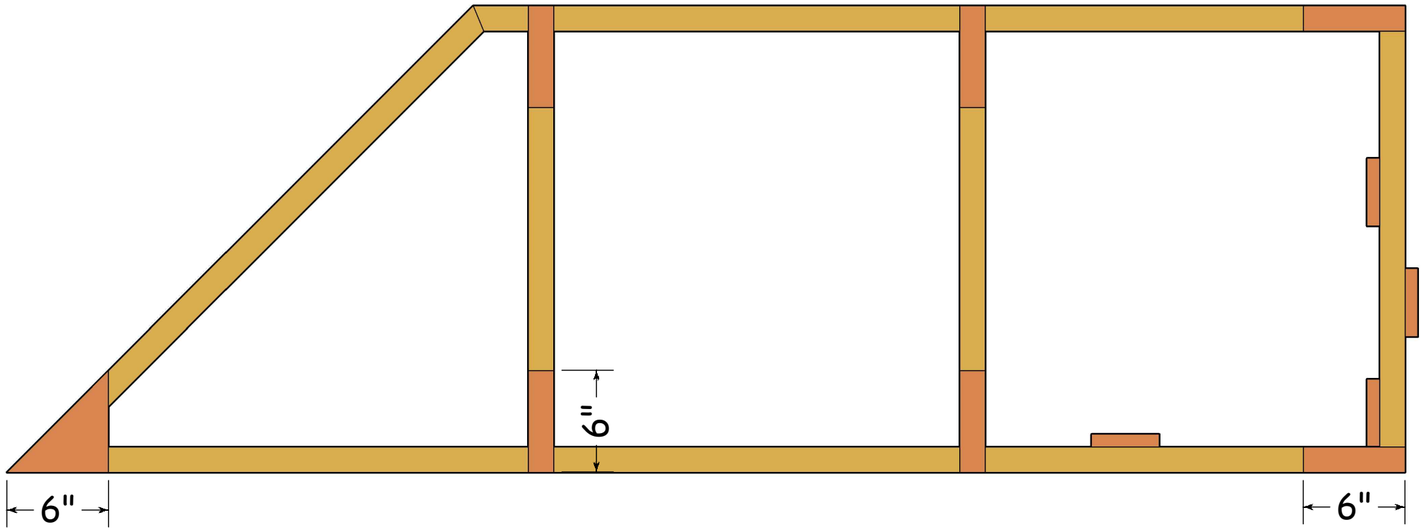
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-301

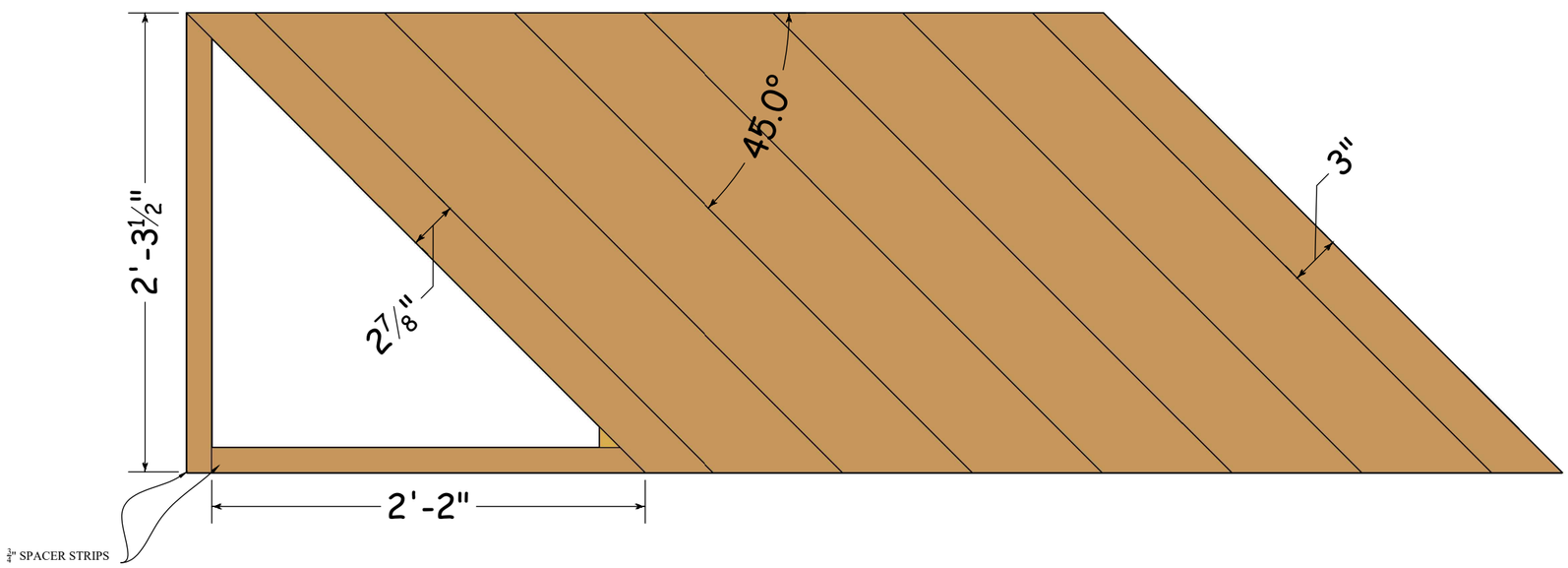


1 BR-302 BOTTOM VIEW LOWER FRAME

3/4" PLY FEET

1 -1/2" = 1'-0"

GLUE AND STAPLE FEET - R&R FOR OTHER FRAME



2 BR-302 TOP VIEW: BOTTOM PLATFORM PLANKING LAYOUT

1X6 PLANKING

1 -1/2" = 1'-0"

BUILD TWO (2) - R&R OTHER PLATFORM
Material is 1 x 6 (RIP SPACER STRIPS OUT OF 1X6)
DRY WALL SCREW TO FRAME

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BIG RIVER

APRON DOCKS

FEET & PLANKS

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DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	NILS!
INVENTORY CODE:	BR-APD
DATE:	5/9/18
FILE:	BR-300 APRON DOCKS
REV 1:	
REV 2:	

BUILD TIME

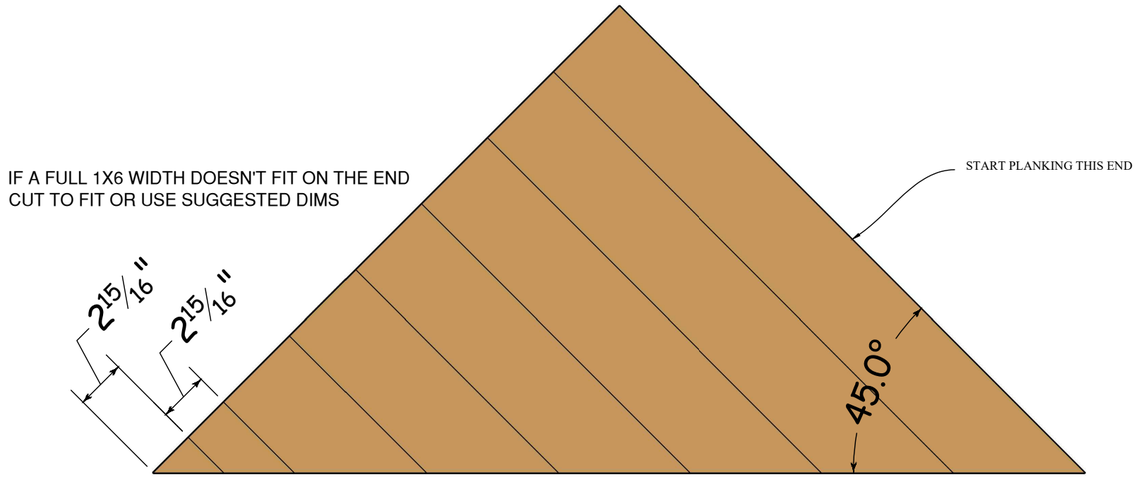
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

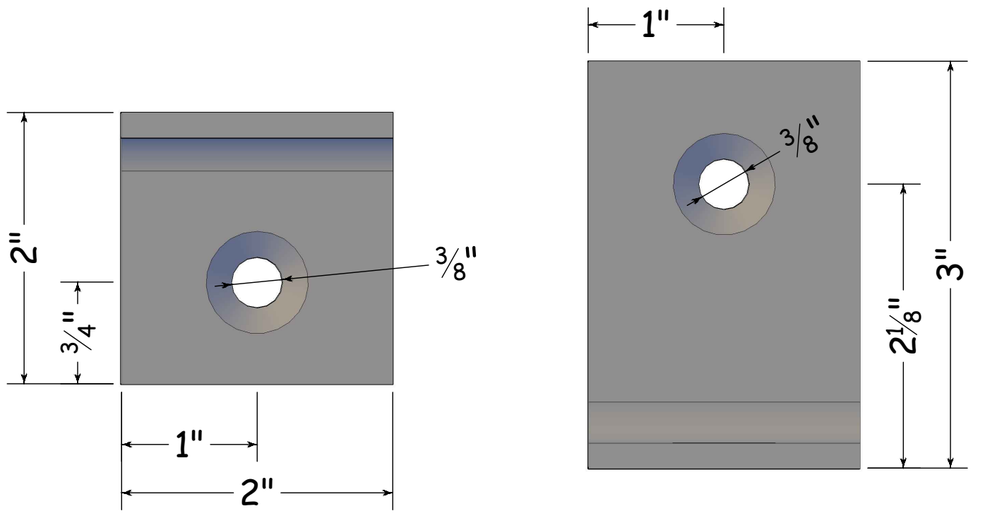
SCALE: 1-1/2"=1'-0"

BR-302



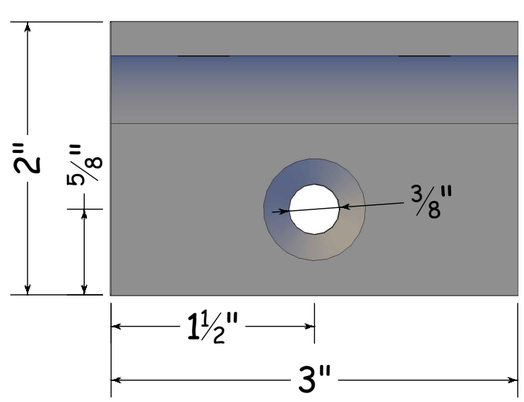
1 BR-303 TOP VIEW UPPER PLATFORM
1X6 PLANKING
BUILD TWO (2) - R&R OTHER PLATFORM
DRY WALL SCREW TO FRAME

1 -1/2" = 1'-0"



2 BR-303 TOP VIEW: PLATFORM HOLD-DOWN FRONT VIEW
3x3x3/16 ANGLE (SEE TOM FOR PIECES) FULL

BUILD 6
COUNTERSINK 3/8" HOLE TO FIT STOVE BOLT
ROUND EDGES AND CORNERS TO BE STAGE-OPS FRIENDLY



3 BR-303 TOP VIEW: LEG HOLD-DOWN FRONT VIEW
2x2x3/16 or 1/4 ANGLE FULL

BUILD 2
USE SCRAP IF POSSIBLE
COUNTERSINK SINGLE 3/8" HOLE TO FIT STOVE BOLT
ROUND EDGES AND CORNERS TO BE STAGE-OPS FRIENDLY

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BIG RIVER

APRON DOCKS

PLANKS & HOLD-DOWNS

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DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	NILS!
INVENTORY CODE:	BR-APD
DATE:	5/10/18
FILE:	BR-300 APRON DOCKS
REV 1:	
REV 2:	

BUILD TIME

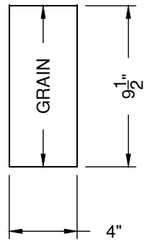
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-303

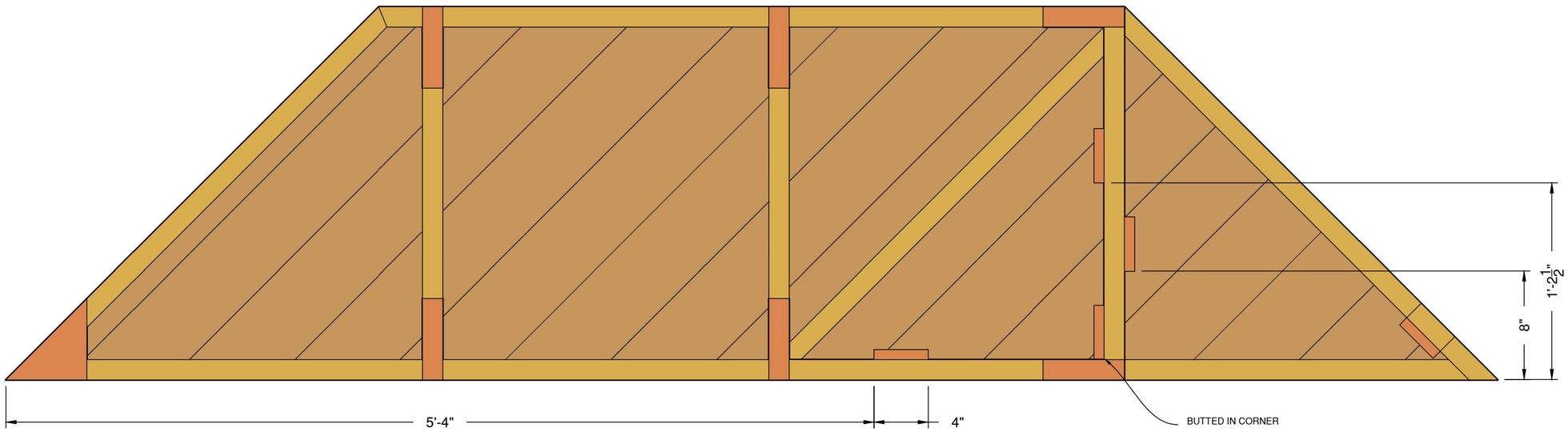


1 / BR-304 — FRONT VIEW: COMPRESSION LEG CONSTRUCTION

3/4" PLY — 1 -1/2" = 1'-0"

BUILD 8 (EIGHT)

GRAIN OF PLY SHOULD RUN ALONG LONG AXIS



2 / BR-304 — COMPRESSION LEG PLACEMENT

BOTTOM VIEW — 1 -1/2" = 1'-0"

BUILD TWO (2) - R&R OTHER PLATFORM

PLACEMENT IS APPROXIMATE

GRAIN OF PLY SHOULD RUN ALONG LONG AXIS

PLY SHOULD BE FLUSH TO LID & OFFSET FROM BOTTOM APPROX. ½"

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BIG RIVER

APRON DOCKS

COMP. LEGS

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DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	NILS!	INVENTORY CODE:	BR-APD
DATE:	5/10/18	FILE:	BR-300 APRON DOCKS
REV 1:		REV 2:	

BUILD TIME

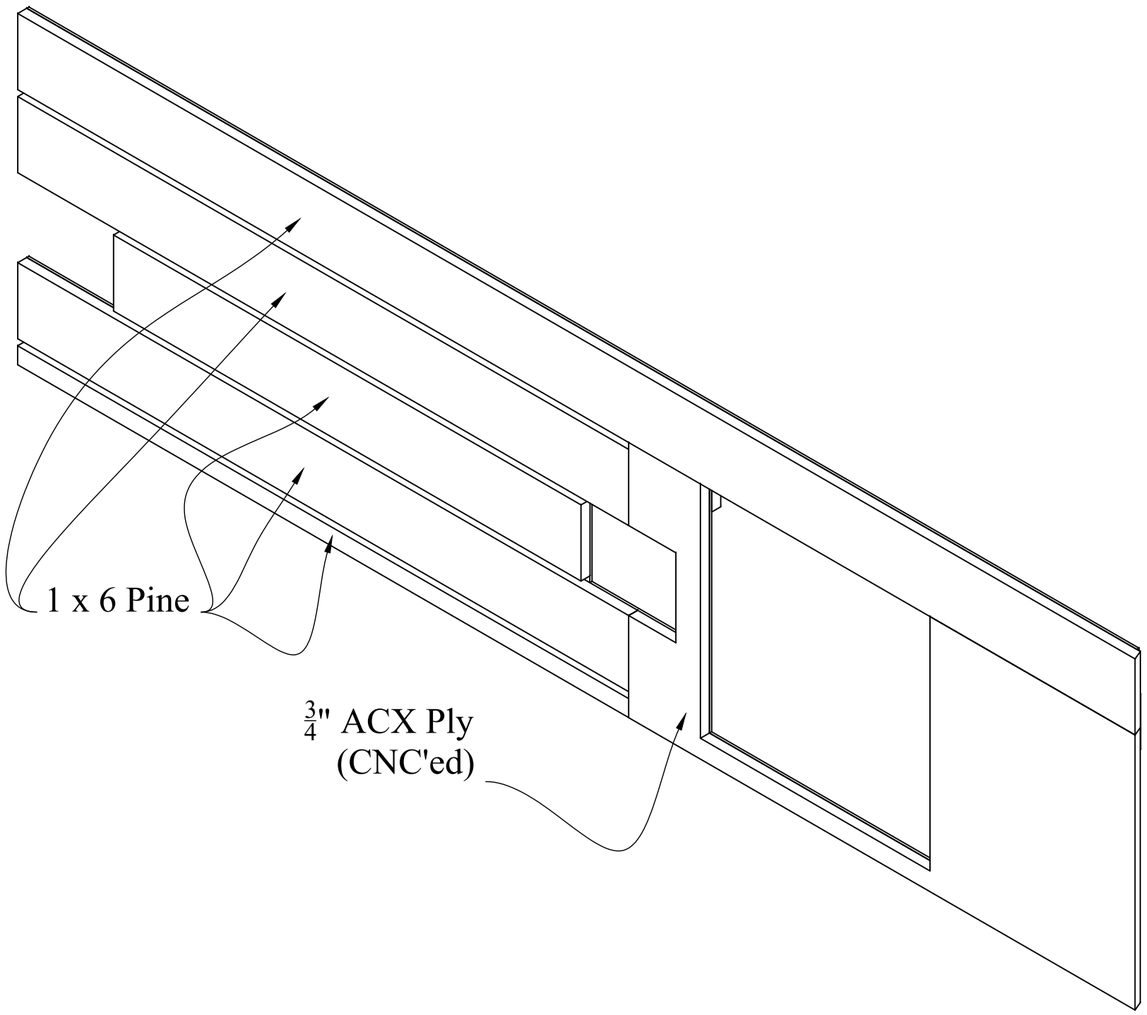
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

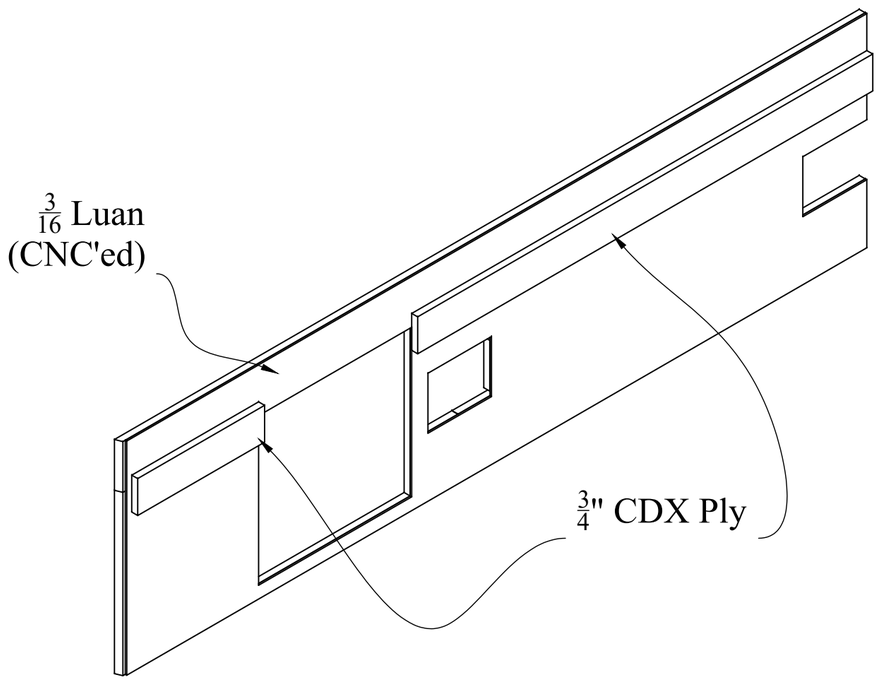
BR-304



1 DSL Apron Flat

305 Left Isometric 1- 1/2" = 1'-0"

FOR OVERVIEW PURPOSES ONLY



Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DS Apron Panels

Overview

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/5/18
FILE:	Apron Docks v5.dwg
INVENTOR CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

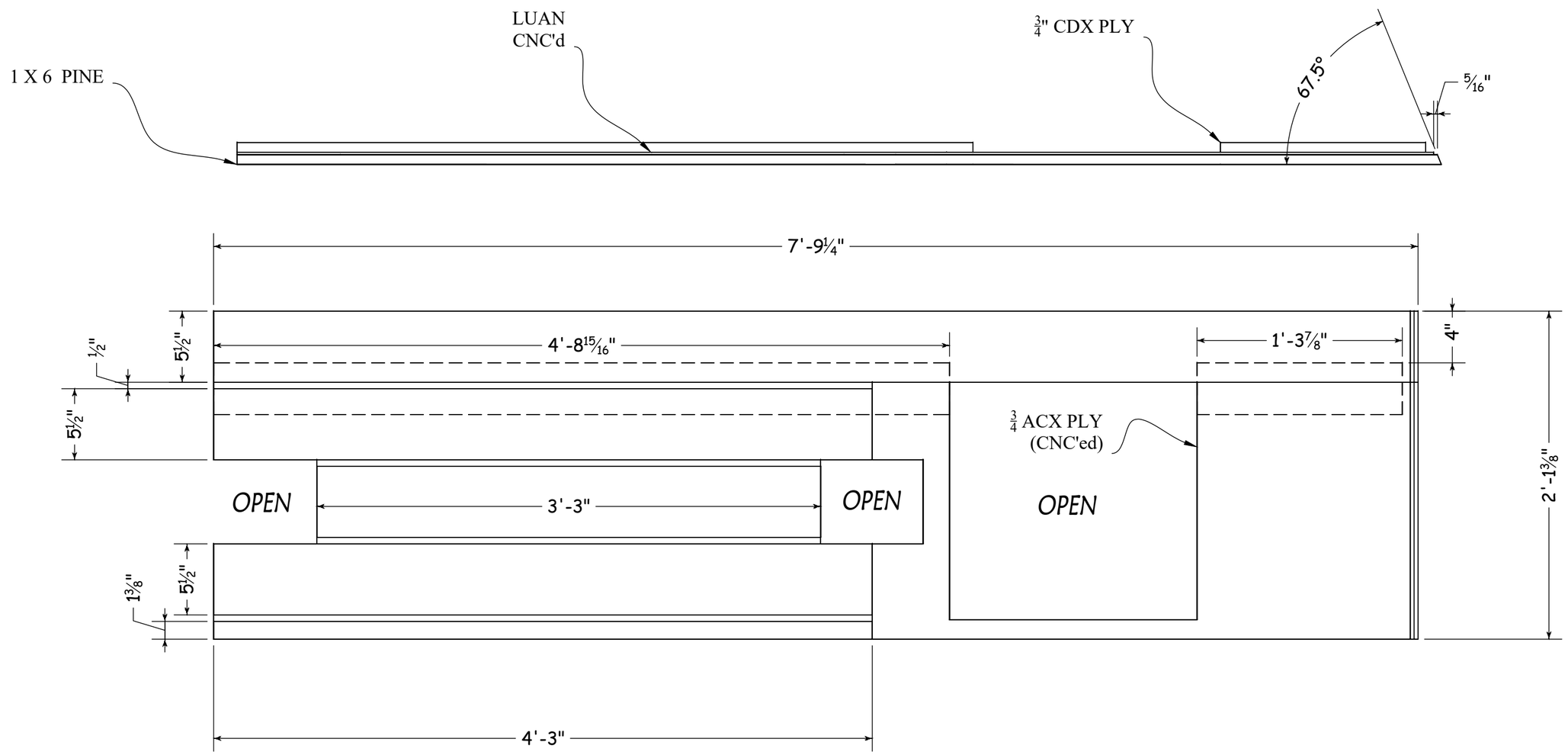
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-305



1 / 306 DSL & DSR Apron FlatS

Left Isometric

1- 1/2" = 1'-0"

-BUILD TWO (2)

-REVERSE AND REPEAT DURING ASSEMBLY

-GLUE AND STAPLE CONSTRUCTION
(STAPLE THROUGH LUAN TO PINE AND PLY)

Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DS Apron

DSL & DSR Panels

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/5/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

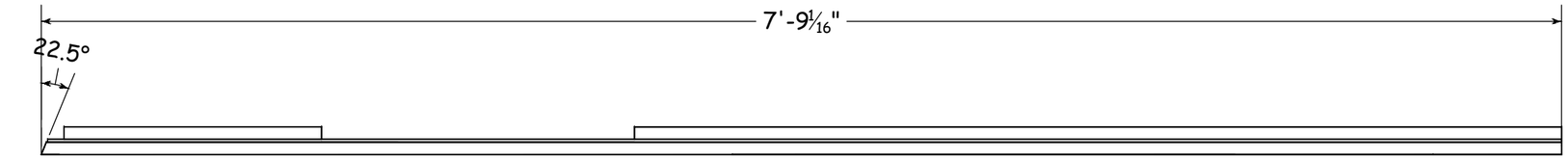
DAY	TIME

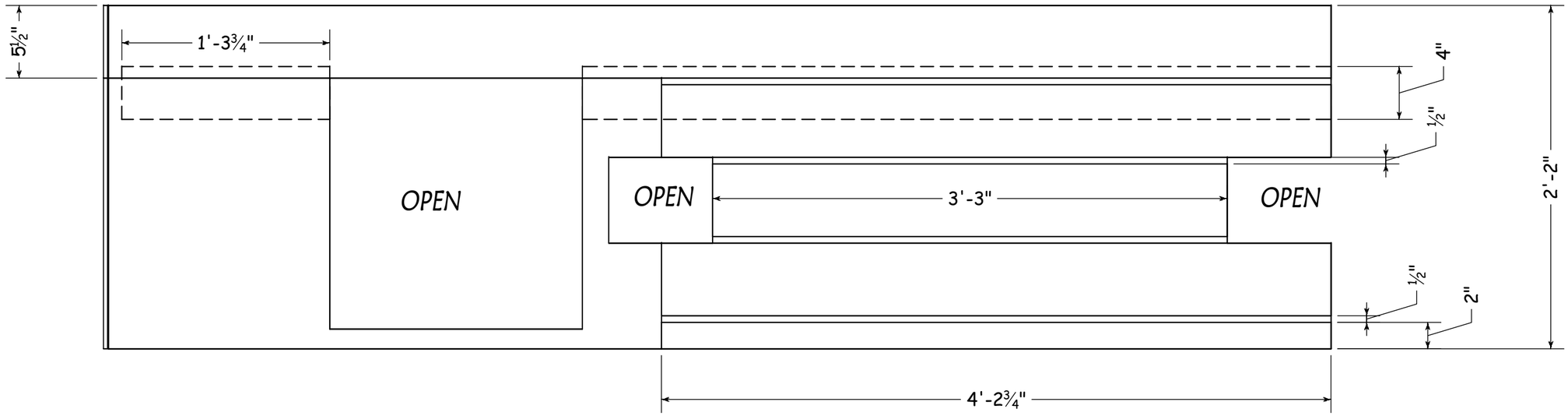
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-306





Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DS Apron

DSL

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/5/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest 1/2 hr)

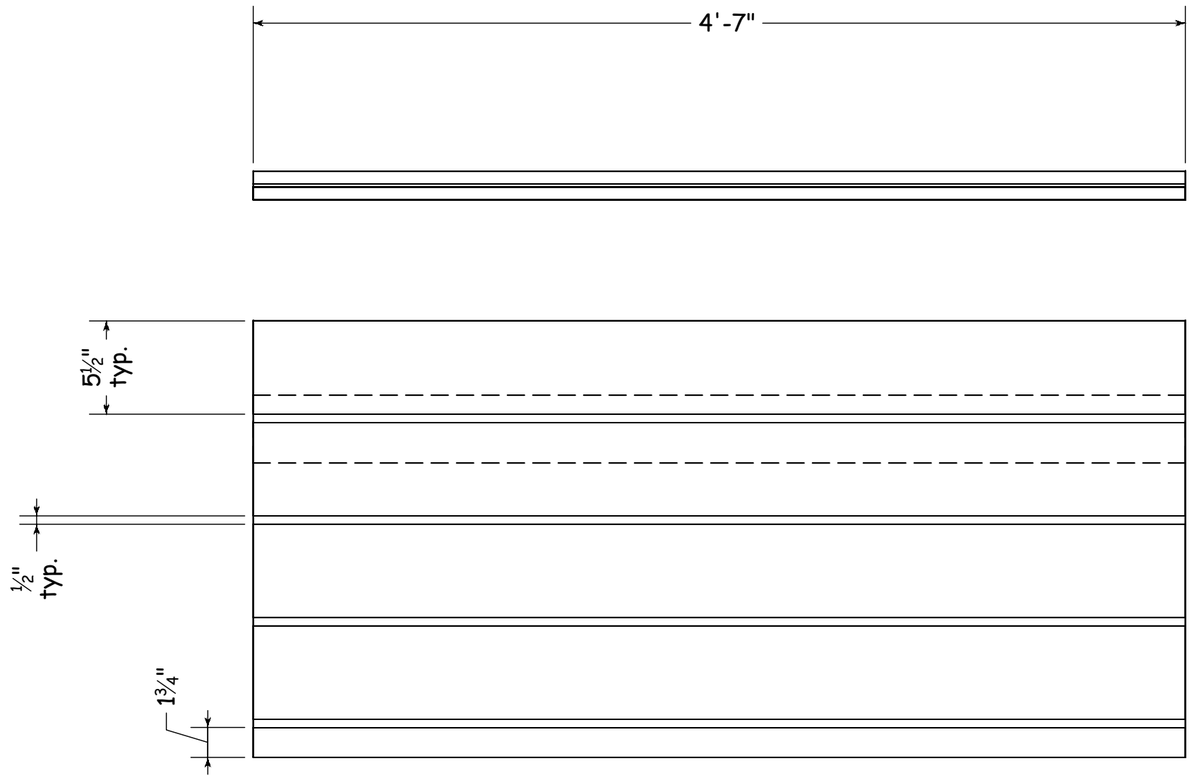
DAY	TIME

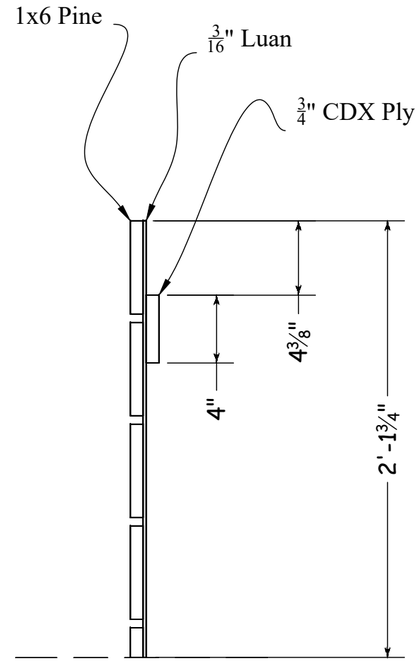
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-307





1 / 308 DSC APRON FLAT
FRONT / TOP/ LEFT VIEWS

1- 1/2" = 1'-0"

-BUILD ONE
-MATERIALS INDICATED IN DRAWING
- DIAGONAL IS 5' 0- ¾"
-GLUE AND STAPLE CONSTRUCTION
(STAPLE THROUGH LUAN TO PINE AND PLY)

Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DS Apron Panels

DSC Panel

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/5/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

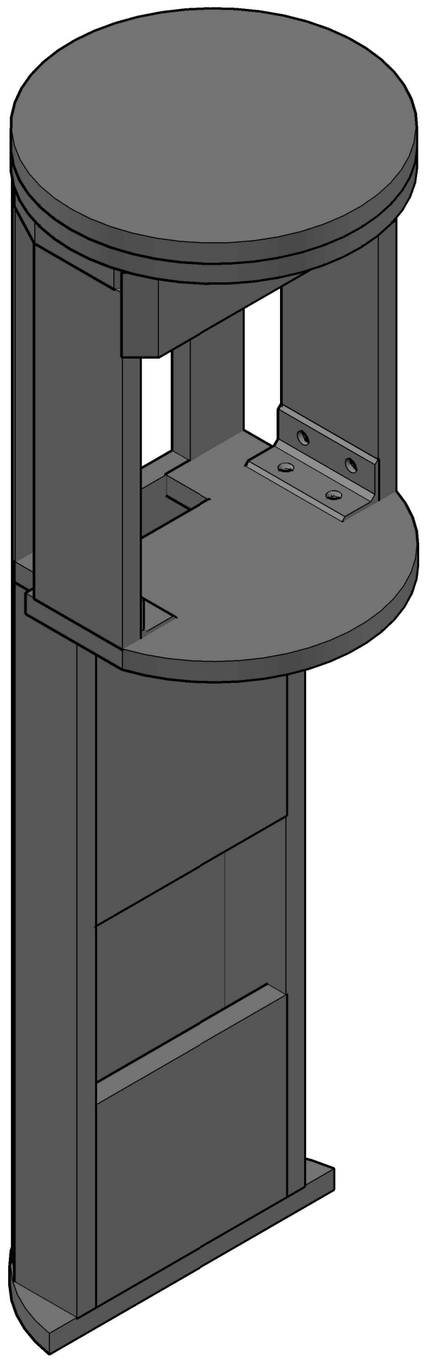
DAY	TIME

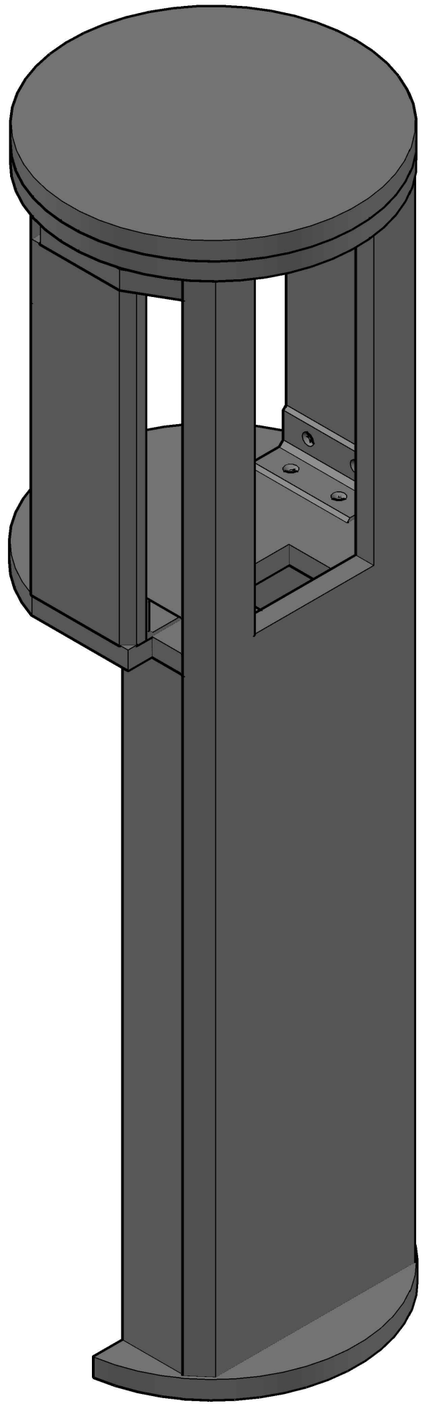
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-308





Utah Shakespeare Festival
Randall Jones Theare
Summer 2018

351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DS Pylons

Frames Overview

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/5/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

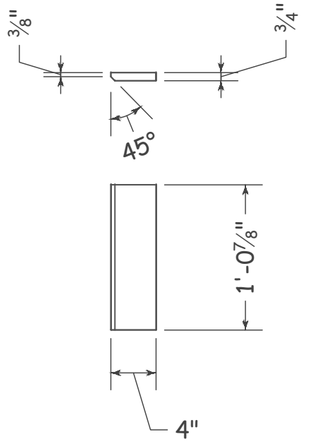
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

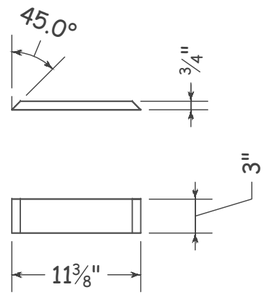
SCALE: AS NOTED

BR-309



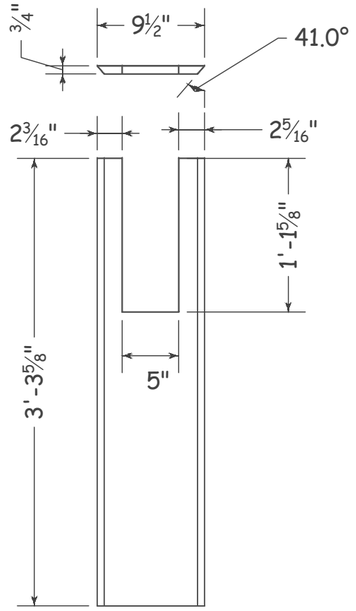
1 / 310 — Pieces 1 & 4 — Front/Top — 1" = 1'-0"

-3/4" CDX Ply
-CUT FOUR (4)



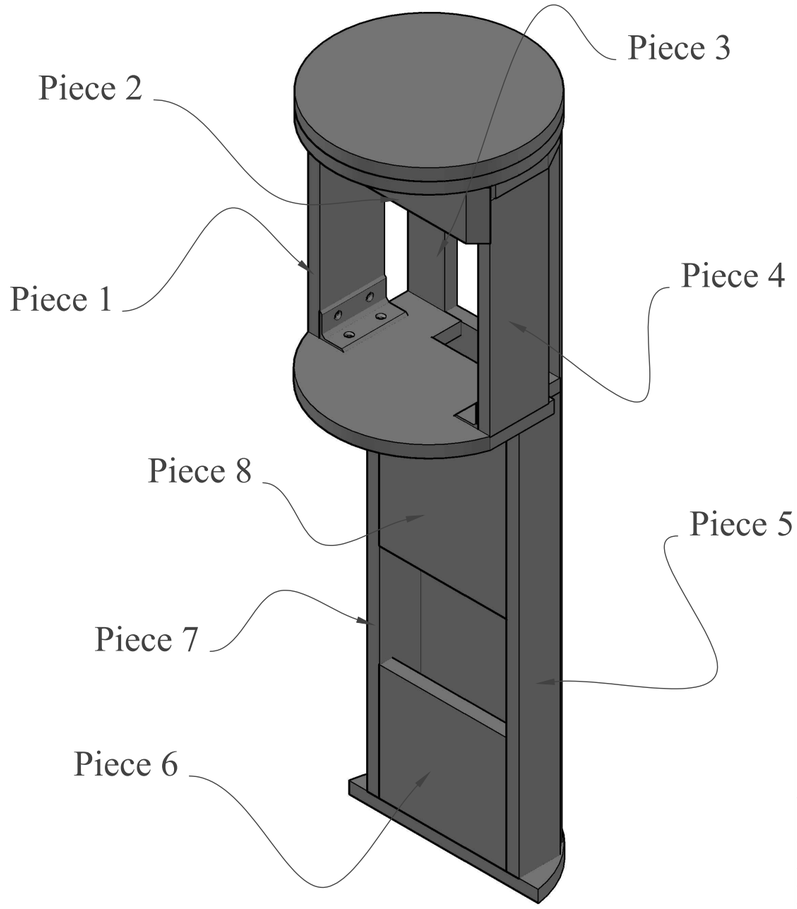
2 / 310 — Piece 2 — Front/Top — 1" = 1'-0"

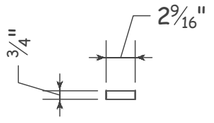
-3/4" CDX Ply
-CUT FOUR (4)

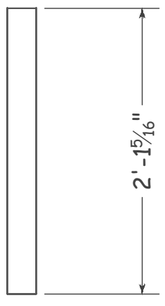


3 / 310 — Piece 3 — Front/Top — 1" = 1'-0"

-3/4" CDX Ply
-CUT FOUR (4)

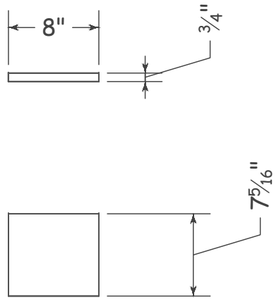






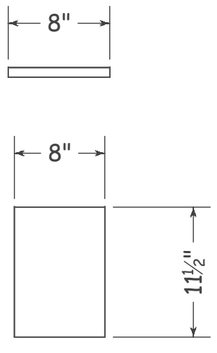
4 / 310 — Pieces 5 & 7 — Front/Top — 1" = 1'-0"

-3/4" CDX Ply
-CUT FOUR (4)



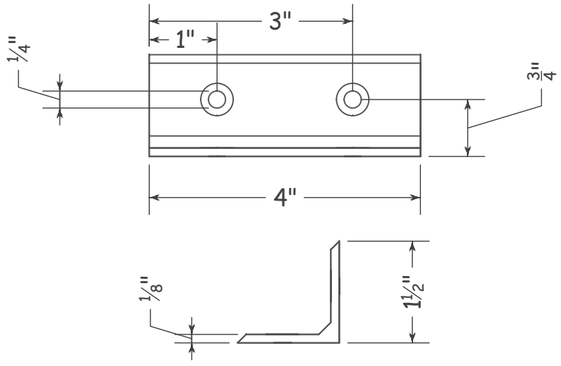
5 / 310 — Piece 6 — Front/Top — 1" = 1'-0"

-3/4" CDX Ply
-CUT FOUR (4)



6 / 310 — Piece 8 — Front/Top — 1" = 1'-0"

-3/4" CDX Ply
-CUT TWO (2)



7 / 310 — Angle Braces — Front/End — 6" = 1'-0"

-1.5" x 1/8" ANGLE
-CUT EIGHT (8)
-ALL HOLES ARE FOR 1/4" STOVE TOP BOLTS
-DRILL & CNTRSINK FOUR HOLES (2 per SIDE)

Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DS Pylons 3 & 4

Cut List & Assembly

DIRECTOR: MR Anderson
DESIGNER: Jason Lajka
TECH DIRECTOR: T. Fagerholm
DWG BY: NILS! DATE: 6/5/18
FILE: Apron Docks v5.dwg
INVENTORY CODE: BR - APD

BUILD TIME (nearest 1/2 hr)

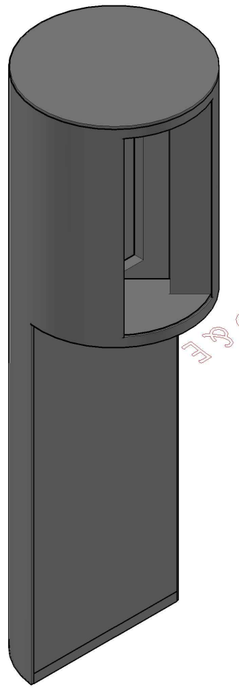
DAY	TIME

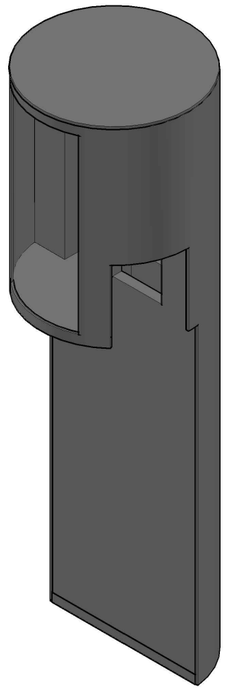
MATERIALS USED

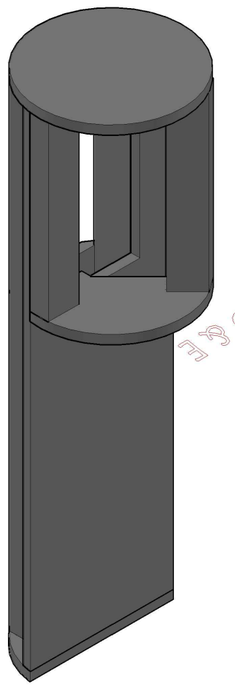
MATERIAL	QUANTITY

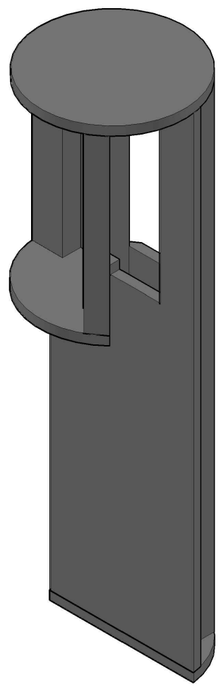
SCALE: AS NOTED

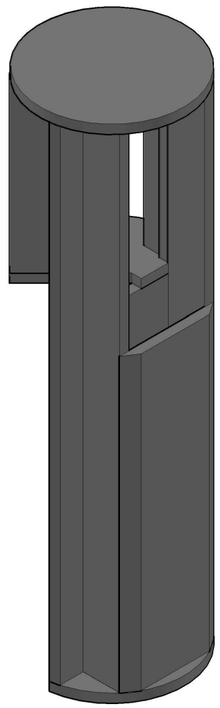
BR-310

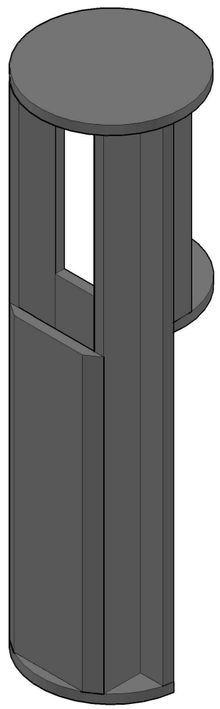












Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DSL PYLON D/E

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

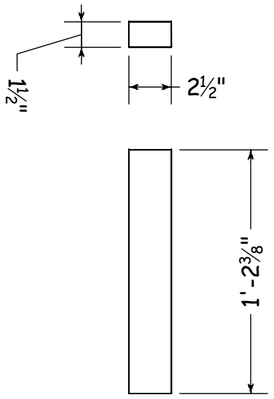
DAY	TIME

MATERIALS USED

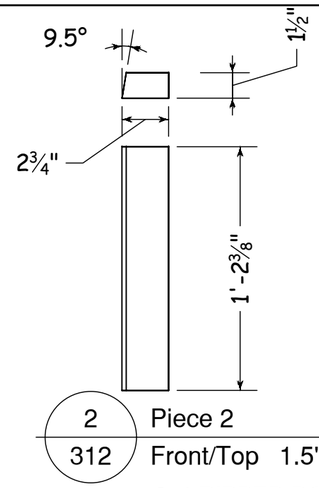
MATERIAL	QUANTITY

SCALE: AS NOTED

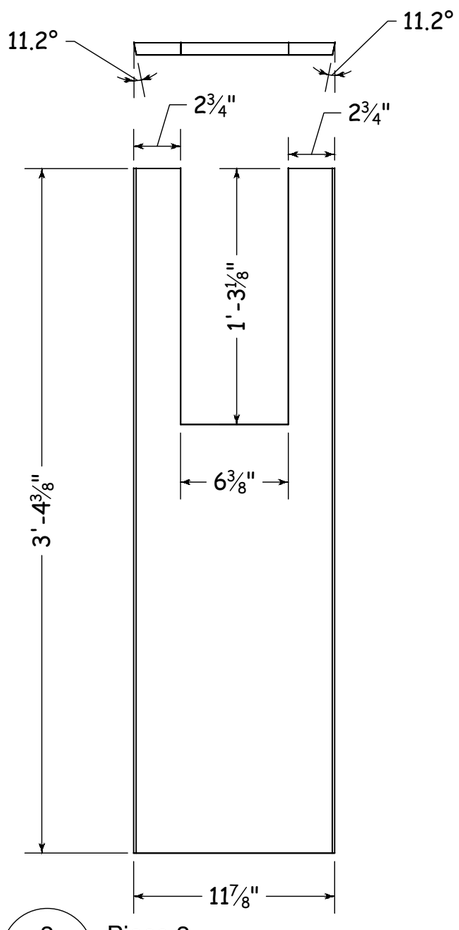
BR-311



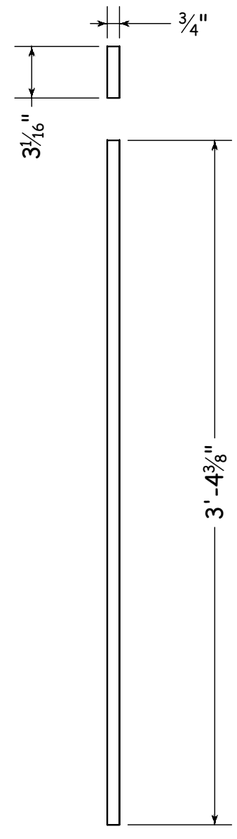
1 / 312 Piece 1
Front/Top 1.5" = 1'-0"
-2x4 RIPPED DOWN TO DIMS



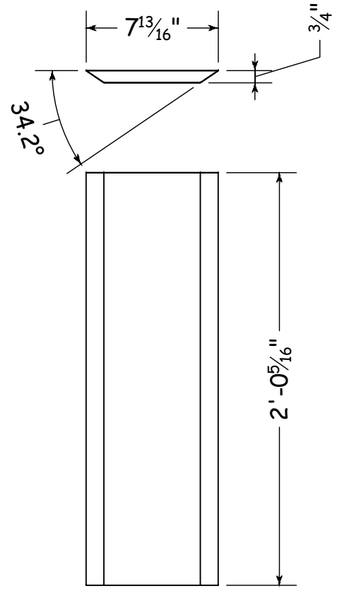
2 / 312 Piece 2
Front/Top 1.5" = 1'-0"
-2x4 RIPPED DOWN TO DIMS



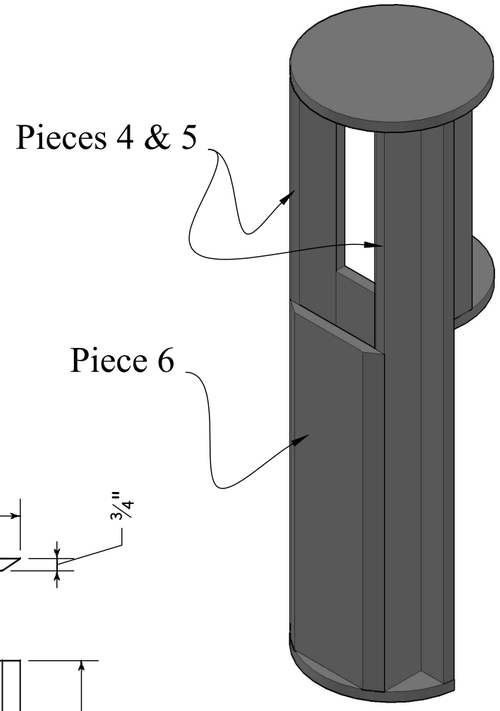
3 / 312 Piece 3
Front/Top 1.5" = 1'-0"
-3/4" CDX PLYWOOD RIPPED DOWN TO DIMS

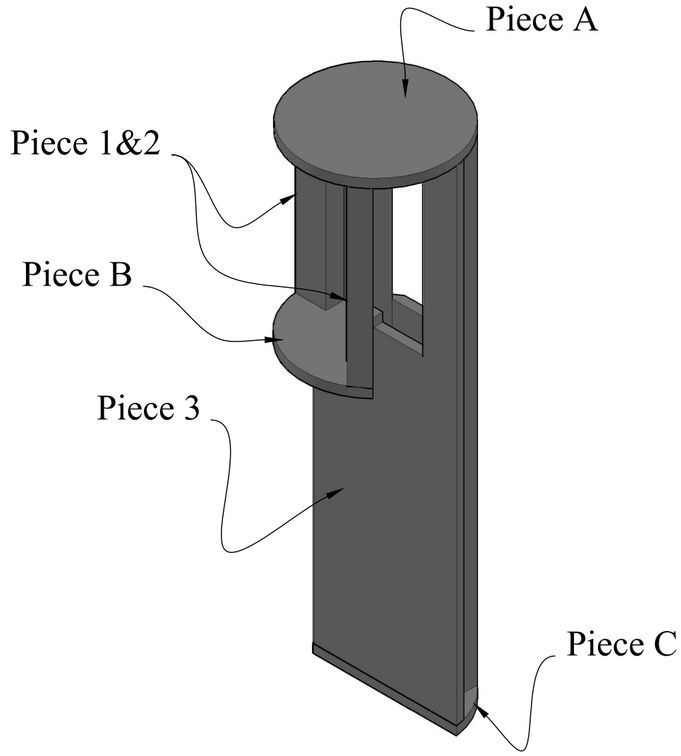


4 / 312 Pieces 4 & 5
Front/Top 1.5" = 1'-0"
-3/4" CDX PLYWOOD RIPPED DOWN TO DIMS
-CUT TWO (2)



5 / 312 Pieces 6
Front/Top 1.5" = 1'-0"
-3/4 CDX PLYWOOD
-USE VERTICLE JIG ON TABLE SAW TO RIP ANGLES





Note:

-BUILD TWO (2) PYLONS

-REVERSE AND REPEAT PLACEMENT OF PIECES 1, 2, & B

-GLUE & STAPLE CONSTRUCTION

-PIECES A, B, & C ARE CNC'ED

Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DSL PYLON D

Cut List and Assembly

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

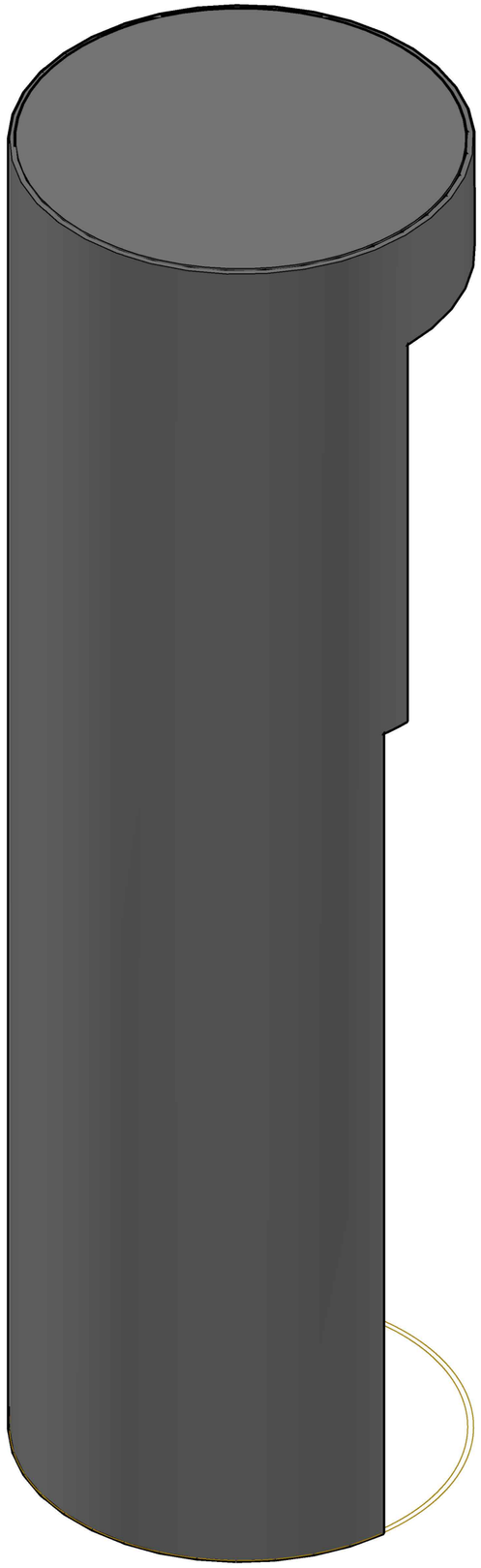
DAY	TIME

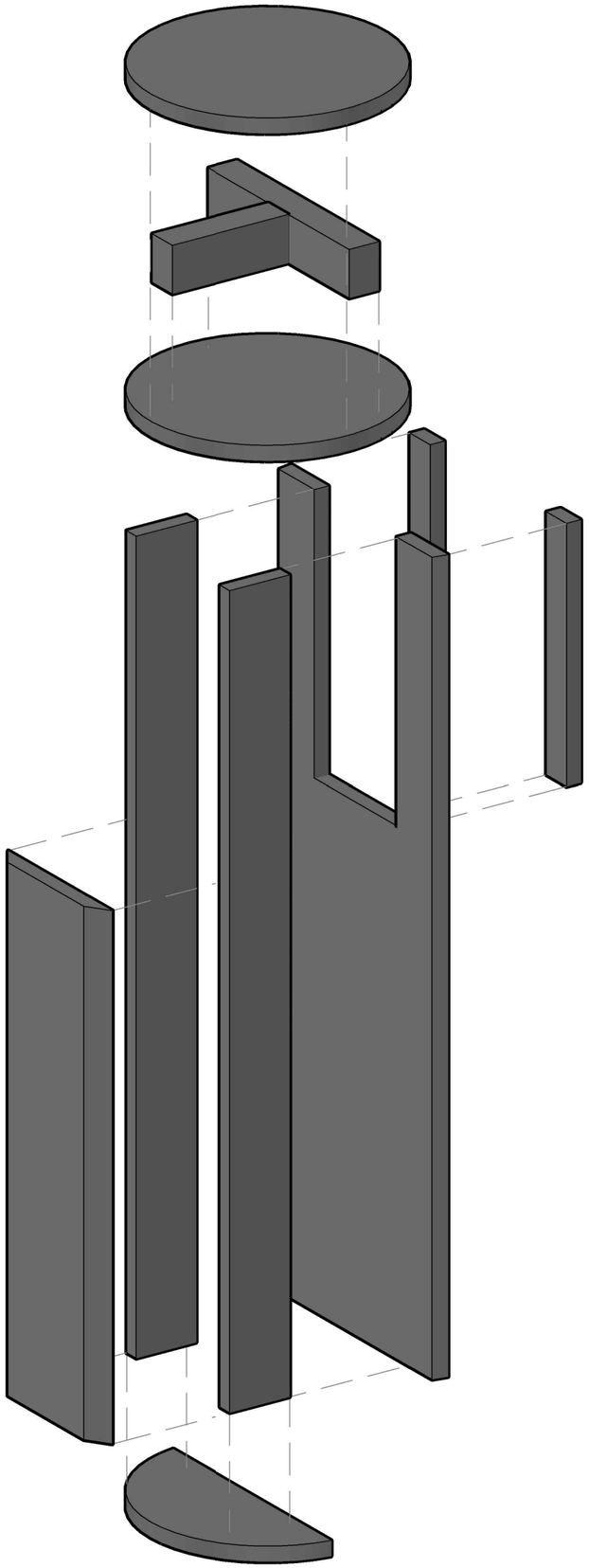
MATERIALS USED

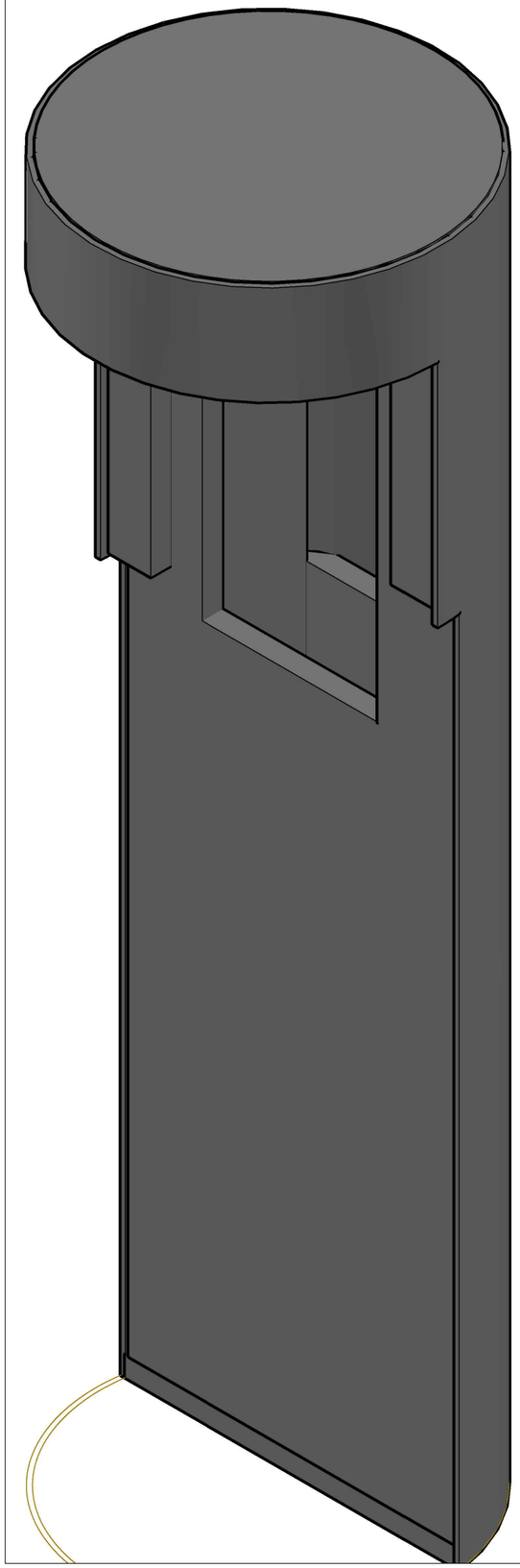
MATERIAL	QUANTITY

SCALE: AS NOTED

BR-312







Utah Shakespeare Festival
Randall Jones Theare
Summer 2018

351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DSL PYLON C

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

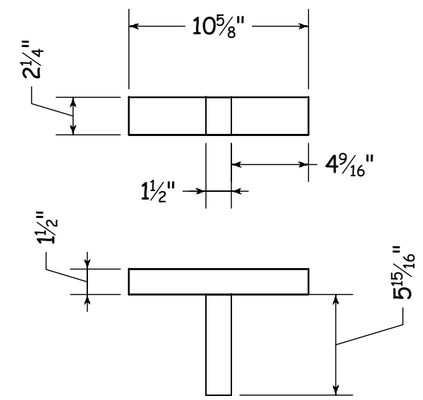
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

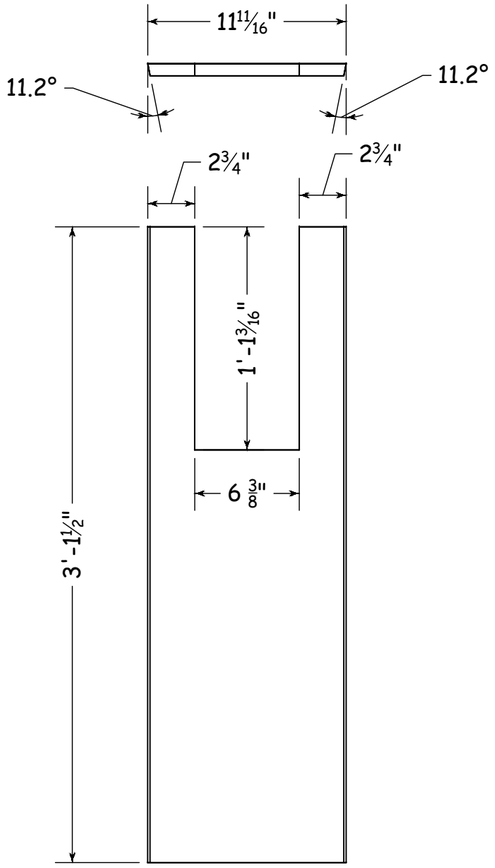
BR-313



1 / 314 Piece 1

Front/Top 1.5" = 1'-0"

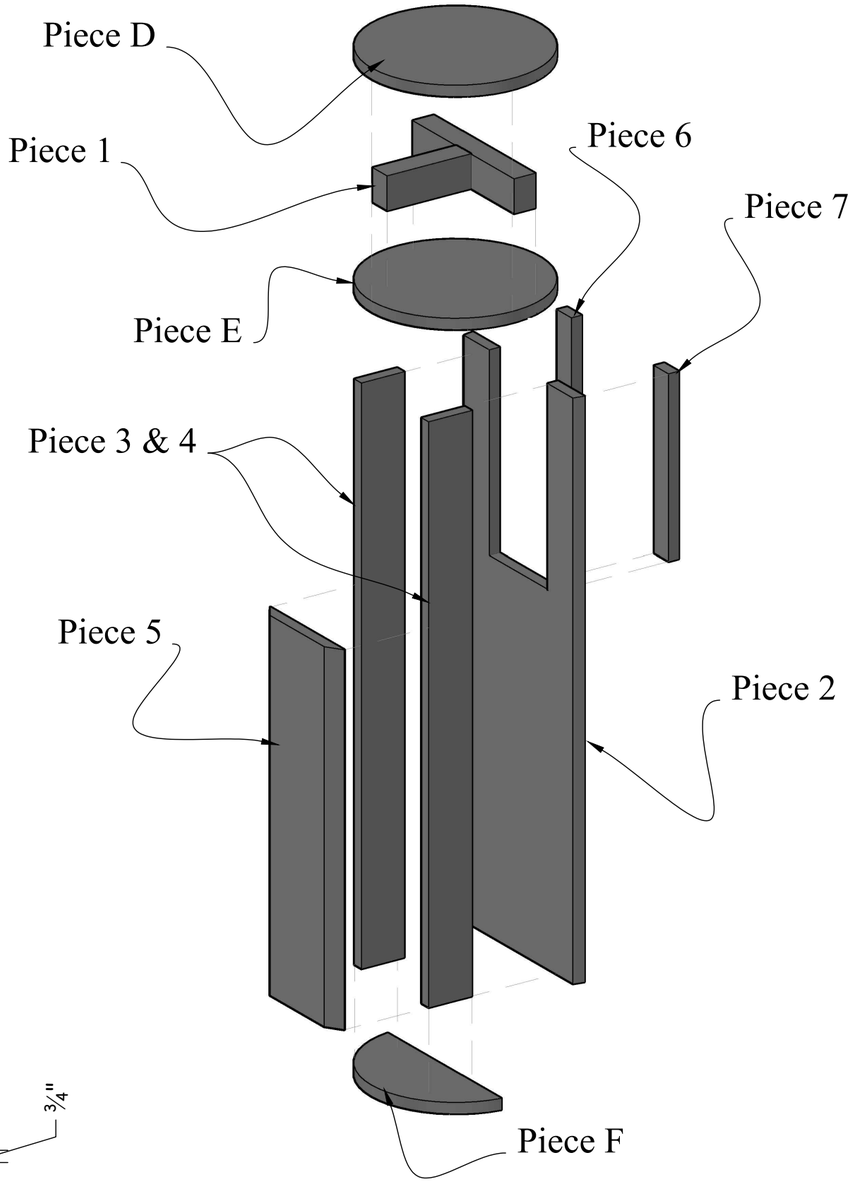
-2x4 RIPPED DOWN TO DIMS
-PRE-DRILLED, GLUE, & SCREW CONSTRUCTION



2 / 314 Piece 2

Front/Top 1.5" = 1'-0"

-3/4 CDX PLYWOOD



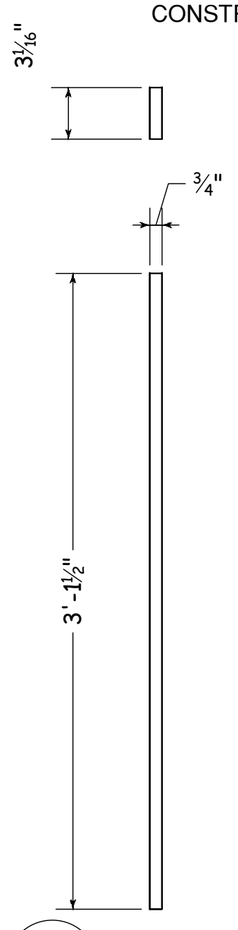
Note:

-BUILD TWO (2) PYLONS

-REVERSE AND REPEAT PLACEMENT OF PIECES 6 & 7

-GLUE & STAPLE CONSTRUCTION

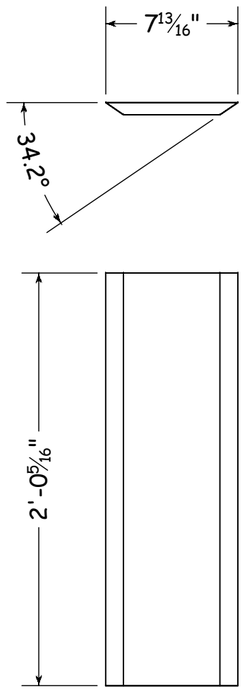
-PIECES D, E, & F ARE CNC'ED



3 / 314 Pieces 3 & 4

Front/Top 1.5" = 1'-0"

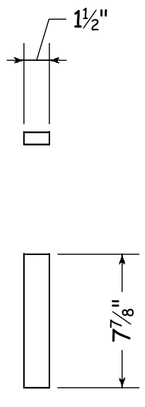
-3/4 CDX PLYWOOD
CUT TWO (2)



4 / 314 Piece 5

Front/Top 1.5" = 1'-0"

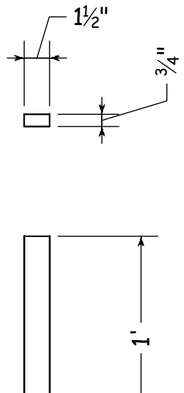
-3/4 CDX PLYWOOD
-USE VERTICLE JIG ON TABLE SAW TO RIP ANGLES



5 / 314 Piece 6

Front/Top 1.5" = 1'-0"

-3/4 CDX PLYWOOD



6 / 314 Piece 7

Front/Top 1.5" = 1'-0"

-3/4 CDX PLYWOOD

Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DSL PYLON C

CUT LIST & ASSEMBLY

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

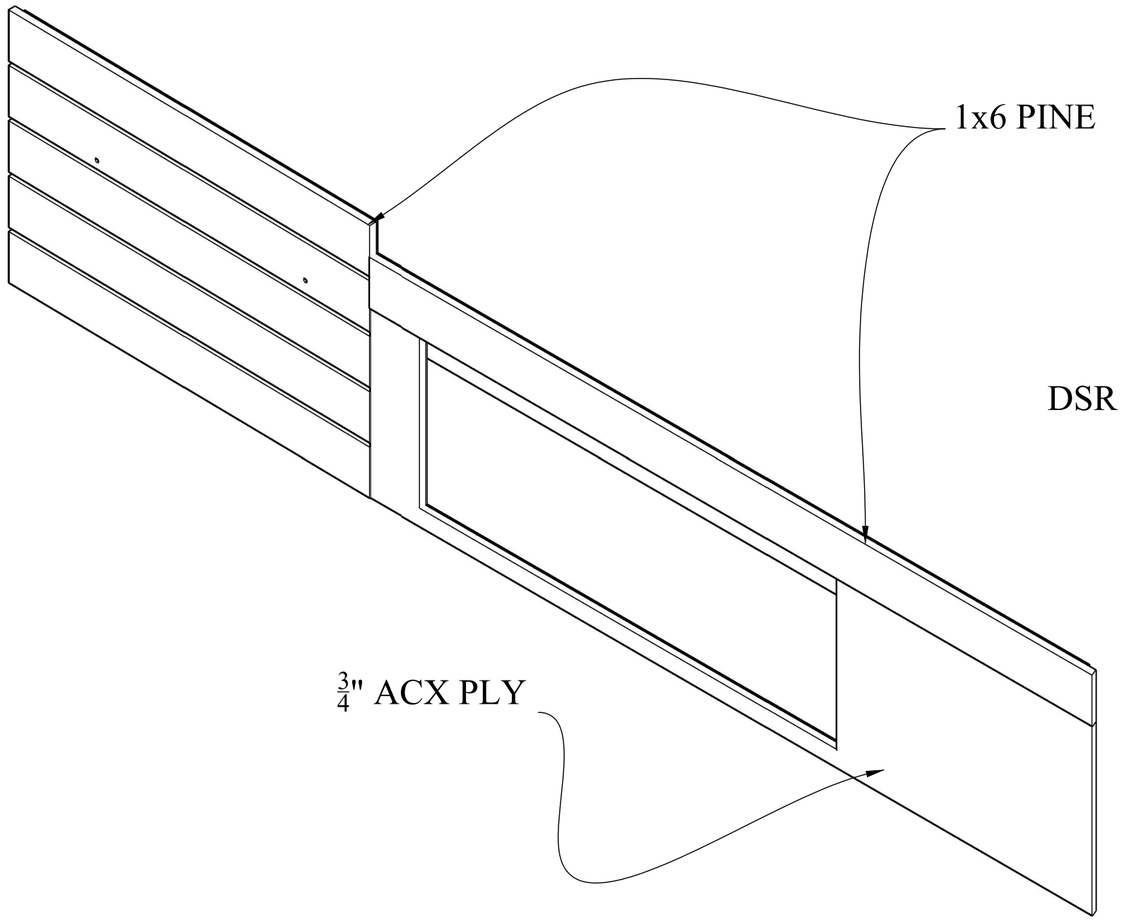
DAY	TIME

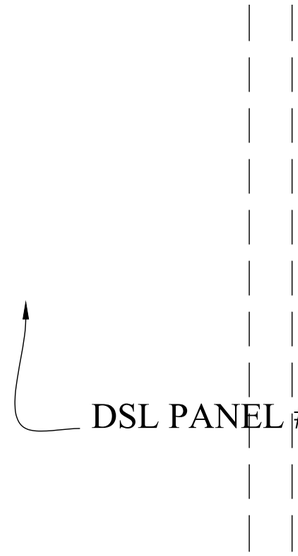
MATERIALS USED

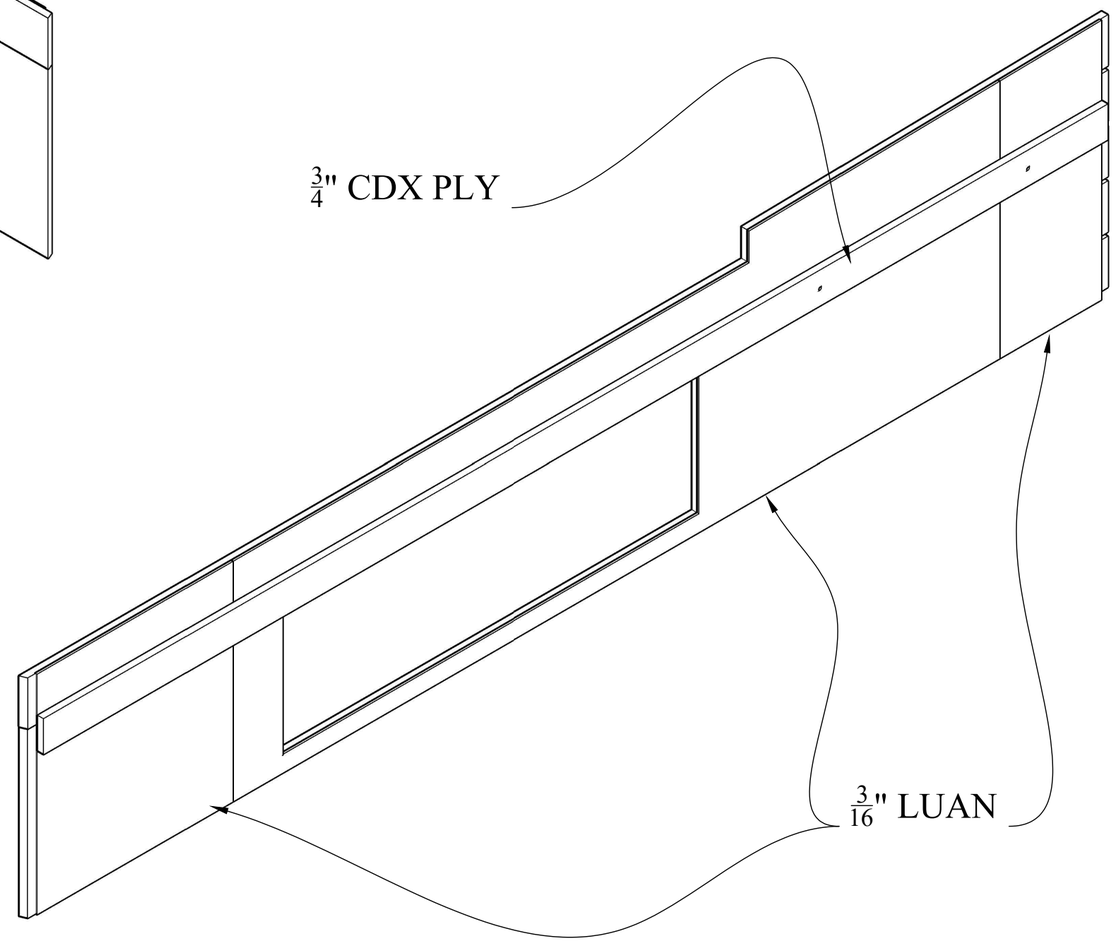
MATERIAL	QUANTITY

SCALE: AS NOTED

BR-314







1 / 315 OVERVIEW - DSR PANEL #2
FRONT LEFT & BACK LEFT ISOs 1" = 1'-0"

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Randall Jones Theare
Summer 2018
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Cedar City, UT

BIG RIVER

DSL APRON PANEL 1

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

DAY	TIME

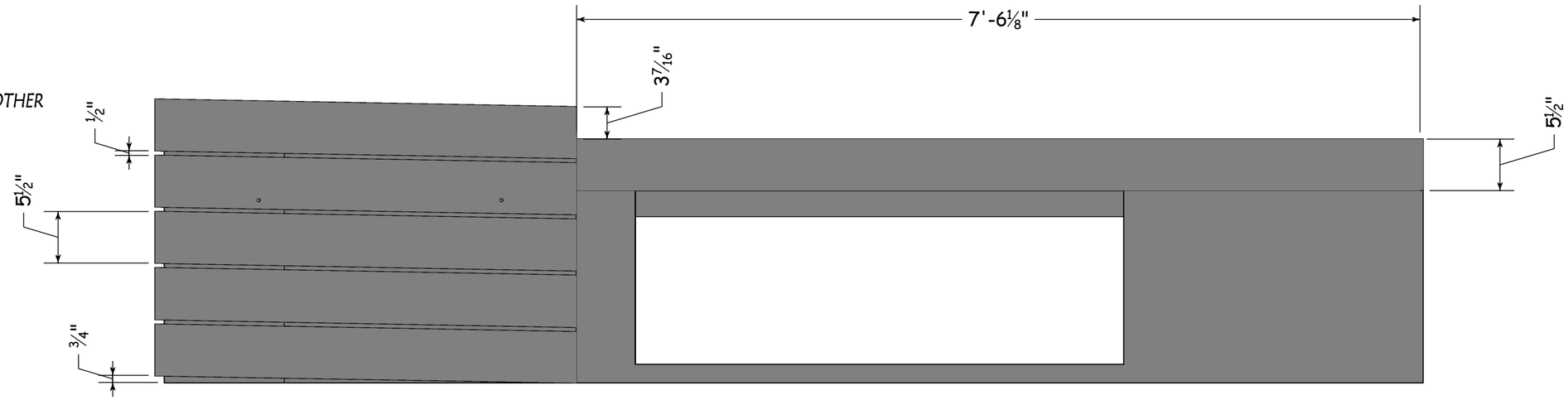
MATERIALS USED

MATERIAL	QUANTITY

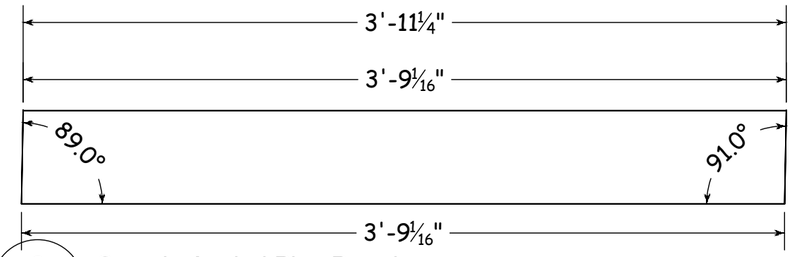
SCALE: AS NOTED

BR-315

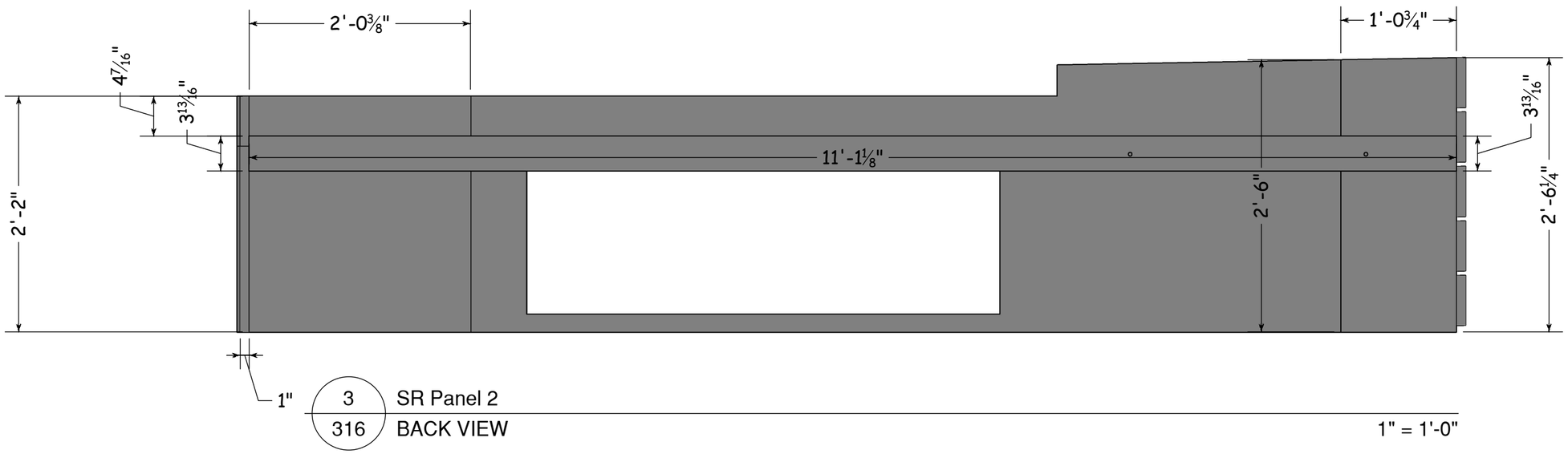
Note:
-BUILD TWO (2) PANELS
-MIRROR PANELS
-GLUE & STAPLE CONSTRUCTION
-CENTER LUAN ON BACK IS CNC'ED OTHER TWO NEED TO BE CUT



1 / 316 SR Panel 2
FRONT VIEW
1" = 1'-0"



2 / 316 Sample Angled Pine Board
FRONT VIEW
1 1/2" = 1'-0"



3 / 316 SR Panel 2
BACK VIEW
1" = 1'-0"

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Summer 2018
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Cedar City, UT

BIG RIVER

DSL APRON PANEL 1

DSL & R PANEL #2

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

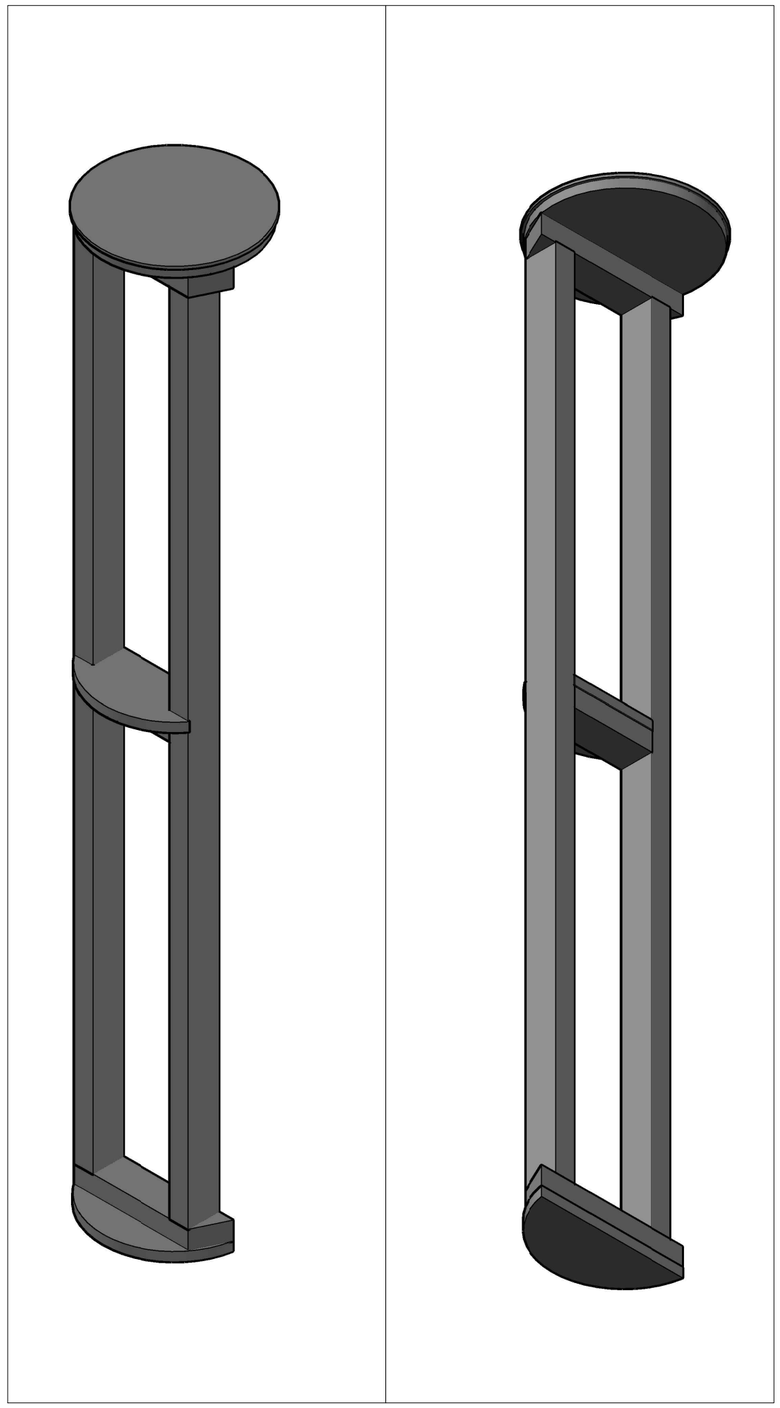
DAY	TIME

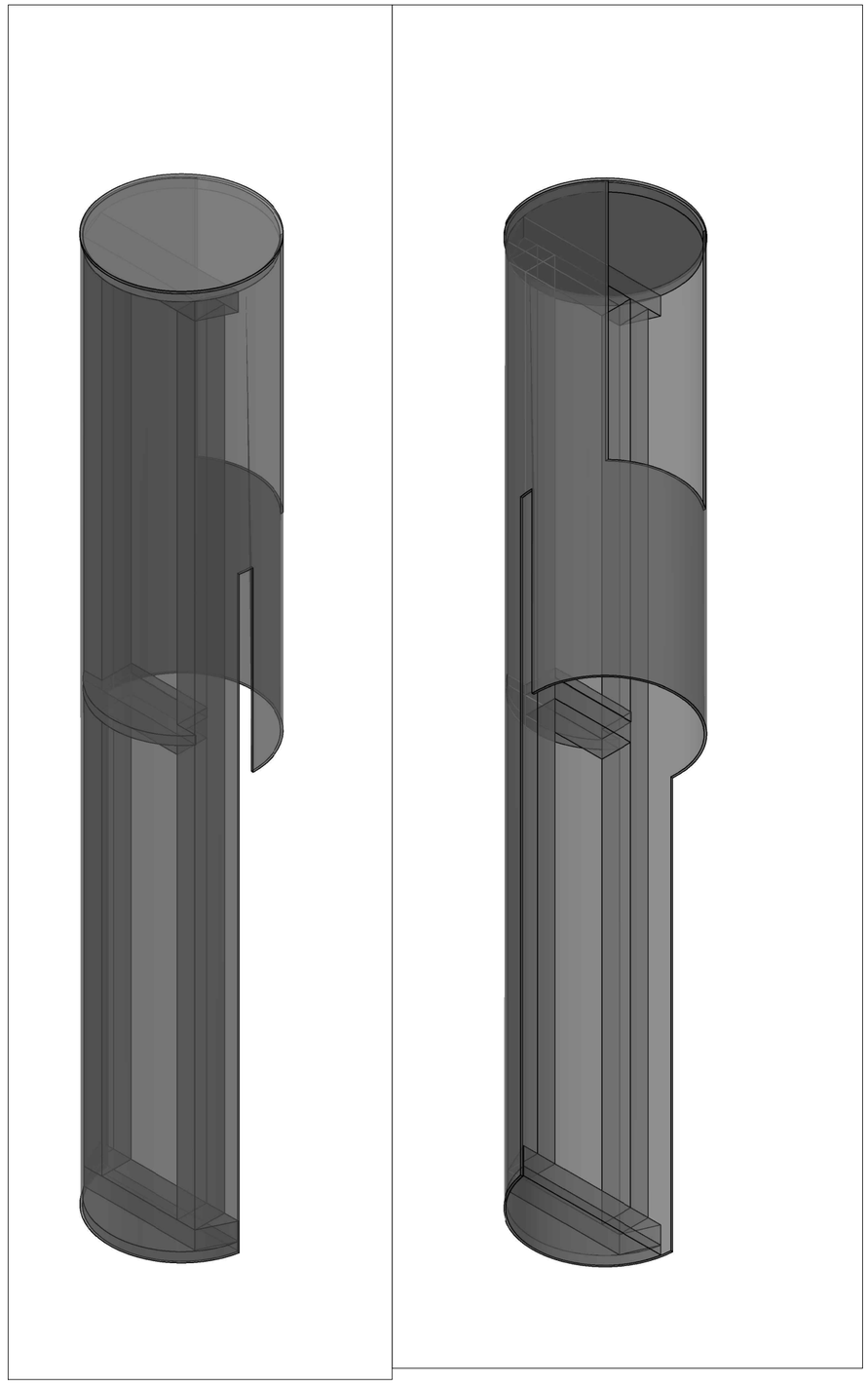
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-316





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Randall Jones Theare
Summer 2018
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Cedar City, UT

BIG RIVER

DSL PYLONS A & H

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

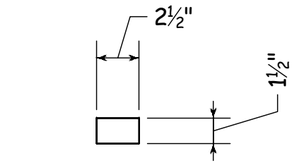
DAY	TIME

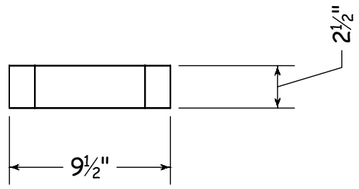
MATERIALS USED

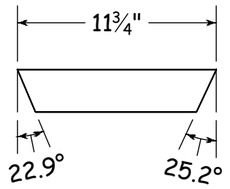
MATERIAL	QUANTITY

SCALE: AS NOTED

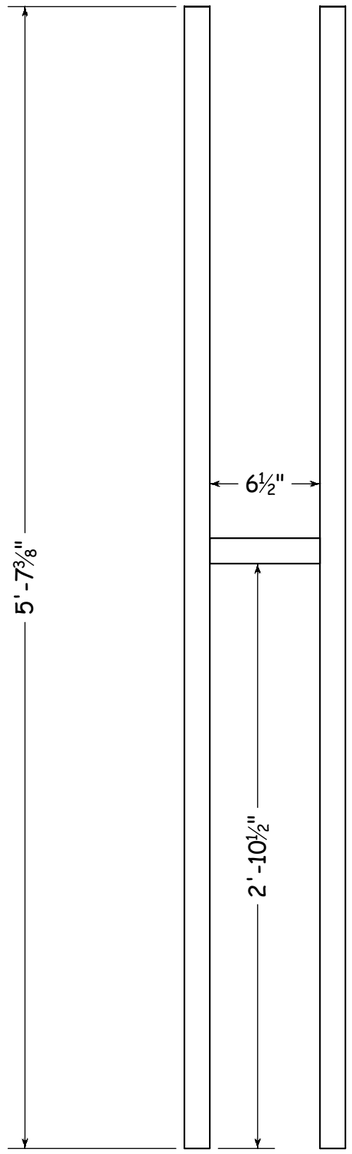
BR-317



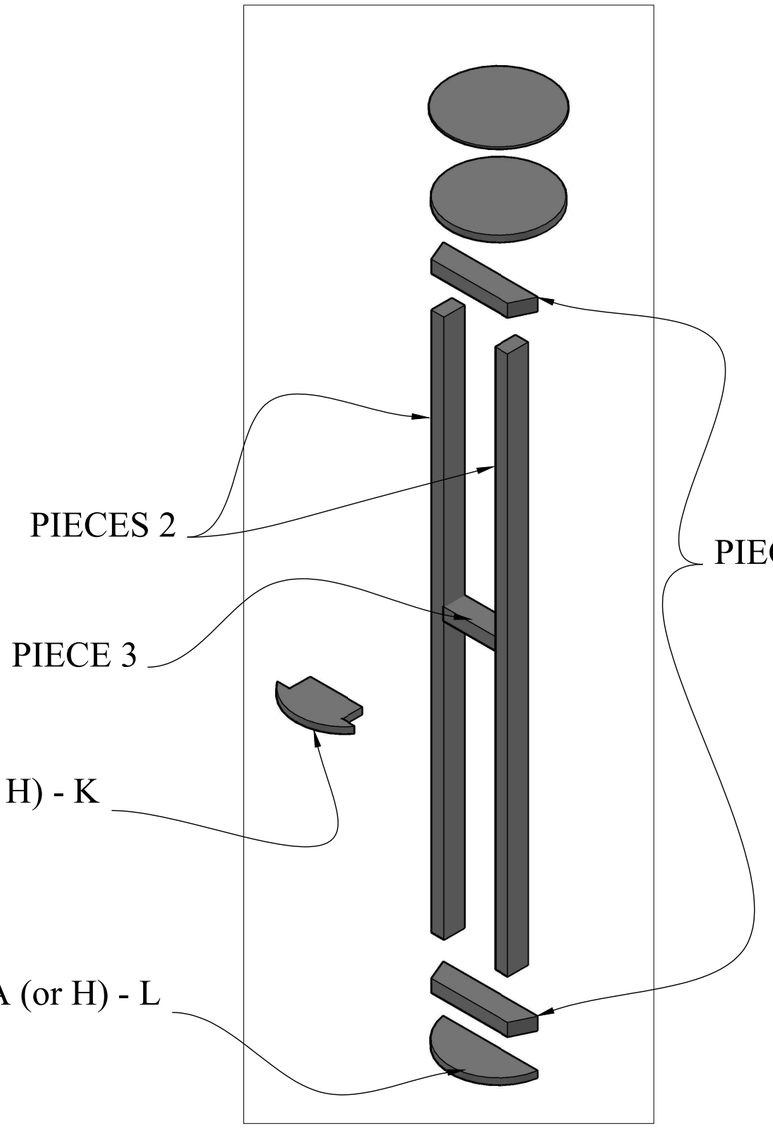




1 / 318 Piece 1 (CUT FOUR) TOP and SIDE 1.5" = 1'-0"



2 / 318 Piece 2 Build TWO TOP and SIDE 1.5" = 1'-0"



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Randall Jones Theare
Summer 2018
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Cedar City, UT

BIG RIVER

DSL PYLONS A & H

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

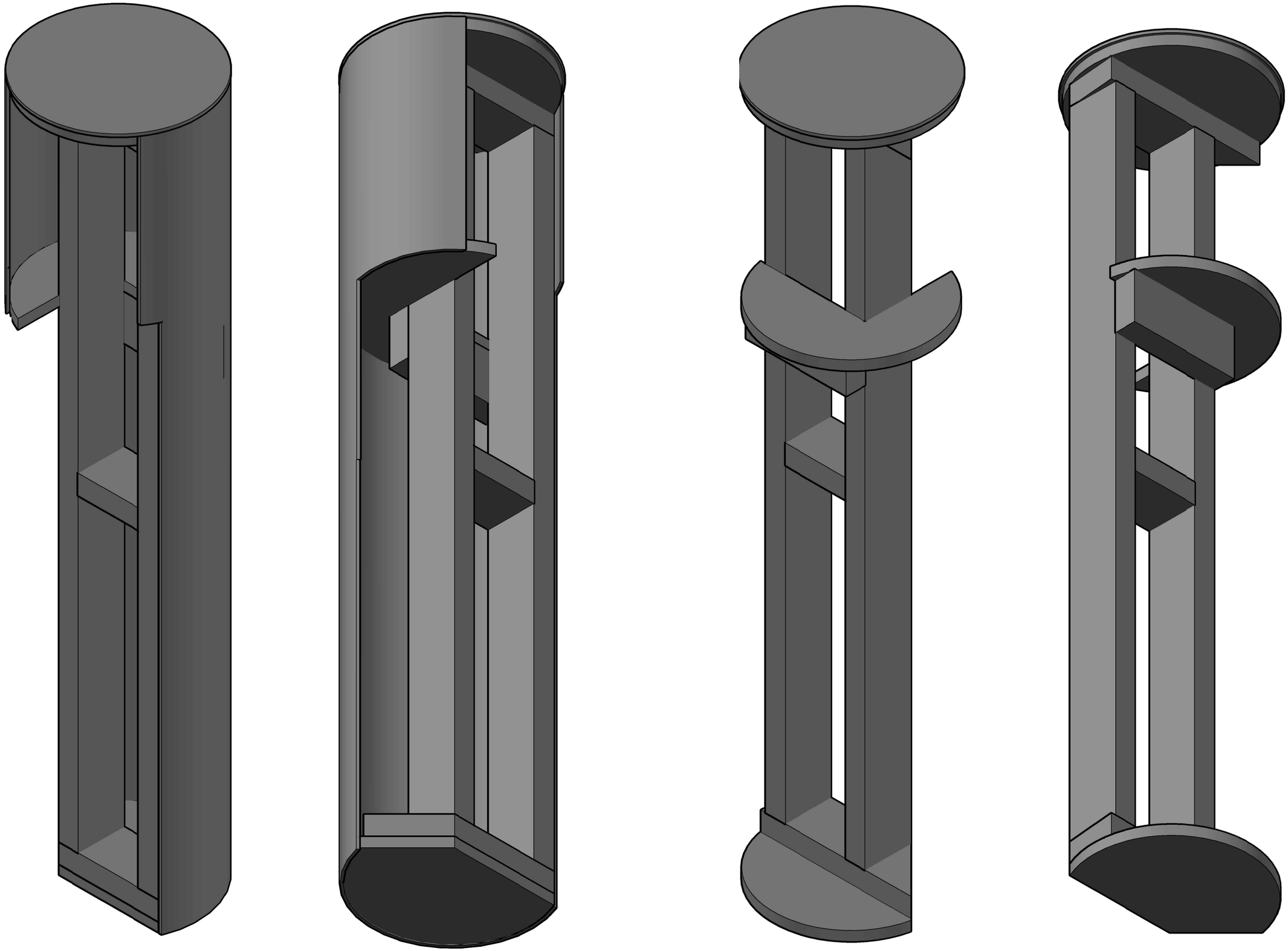
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-318



Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DSL PYLONS B & G

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/14/18
FILE:	Apron Docks v5.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

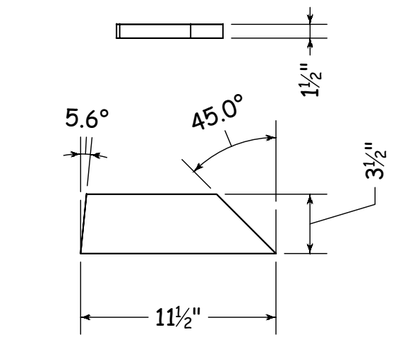
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

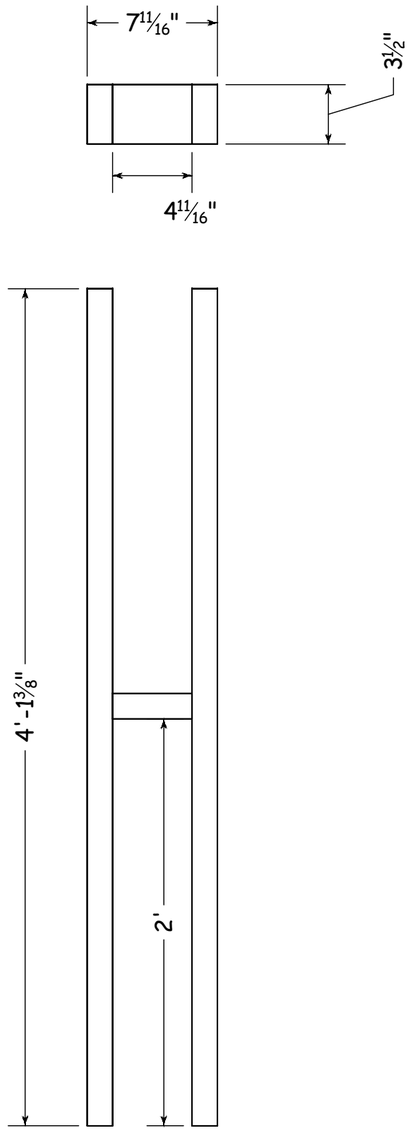
SCALE: AS NOTED

BR-319



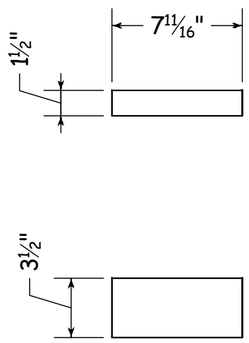
1 / 320 — Piece 1 CUT FOUR
TOP and FRONT 1.5" = 1'-0"

-MATERIAL IS 2x4



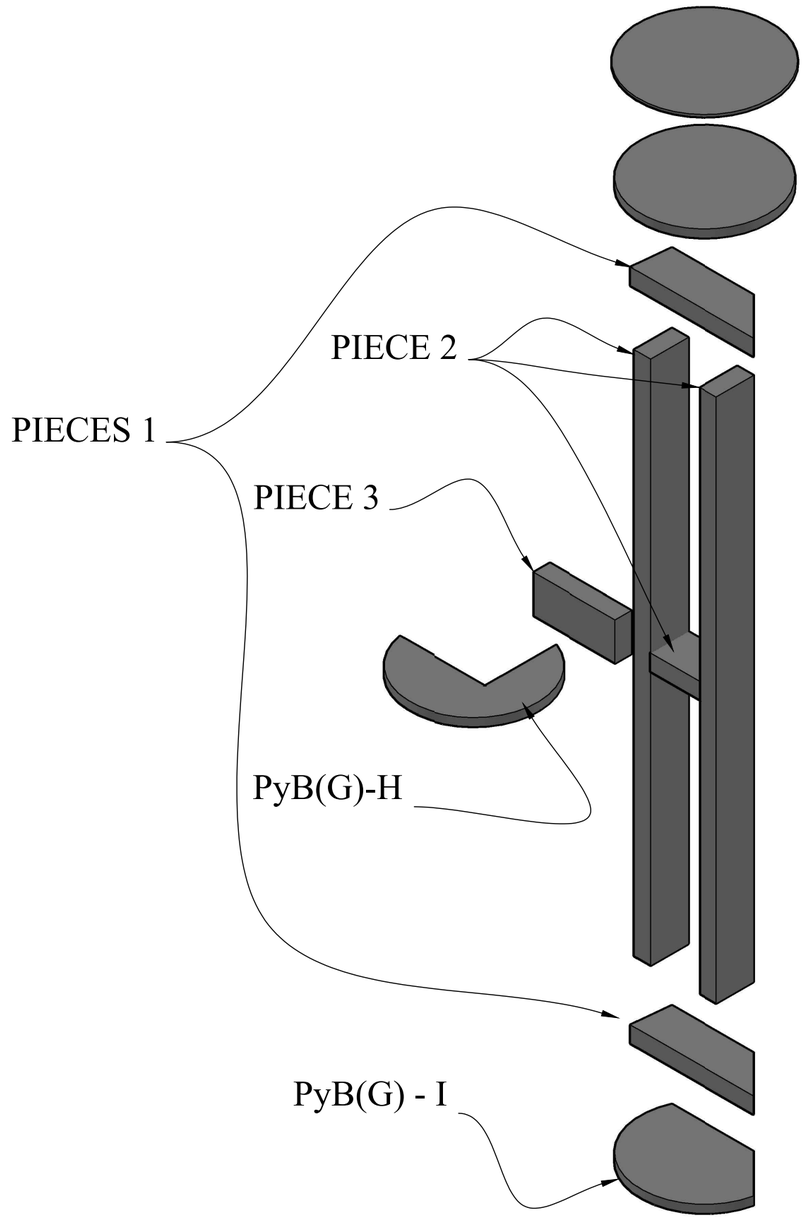
2 / 320 — Piece 2 BUILD TWO
TOP and FRONT 1.5" = 1'-0"

-MATERIAL IS 2x4



3 / 320 — Piece 2 CUT TWO
TOP and FRONT 1.5" = 1'-0"

-MATERIAL IS 2x4



Note:
-BUILD TWO (2) PYLONS

-REVERSE AND REPEAT PLACEMENT OF PIECES 1, PyB-H, & PyB-I

-GLUE & SCREW (or STAPLE as needed) CONSTRUCTION

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Randall Jones Theare
Summer 2018
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Cedar City, UT

BIG RIVER

DSL PYLONS B & G

CUT LIST AND ASSEMBLY

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS! DATE: 6/14/18
FILE:	Apron Docks v6.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

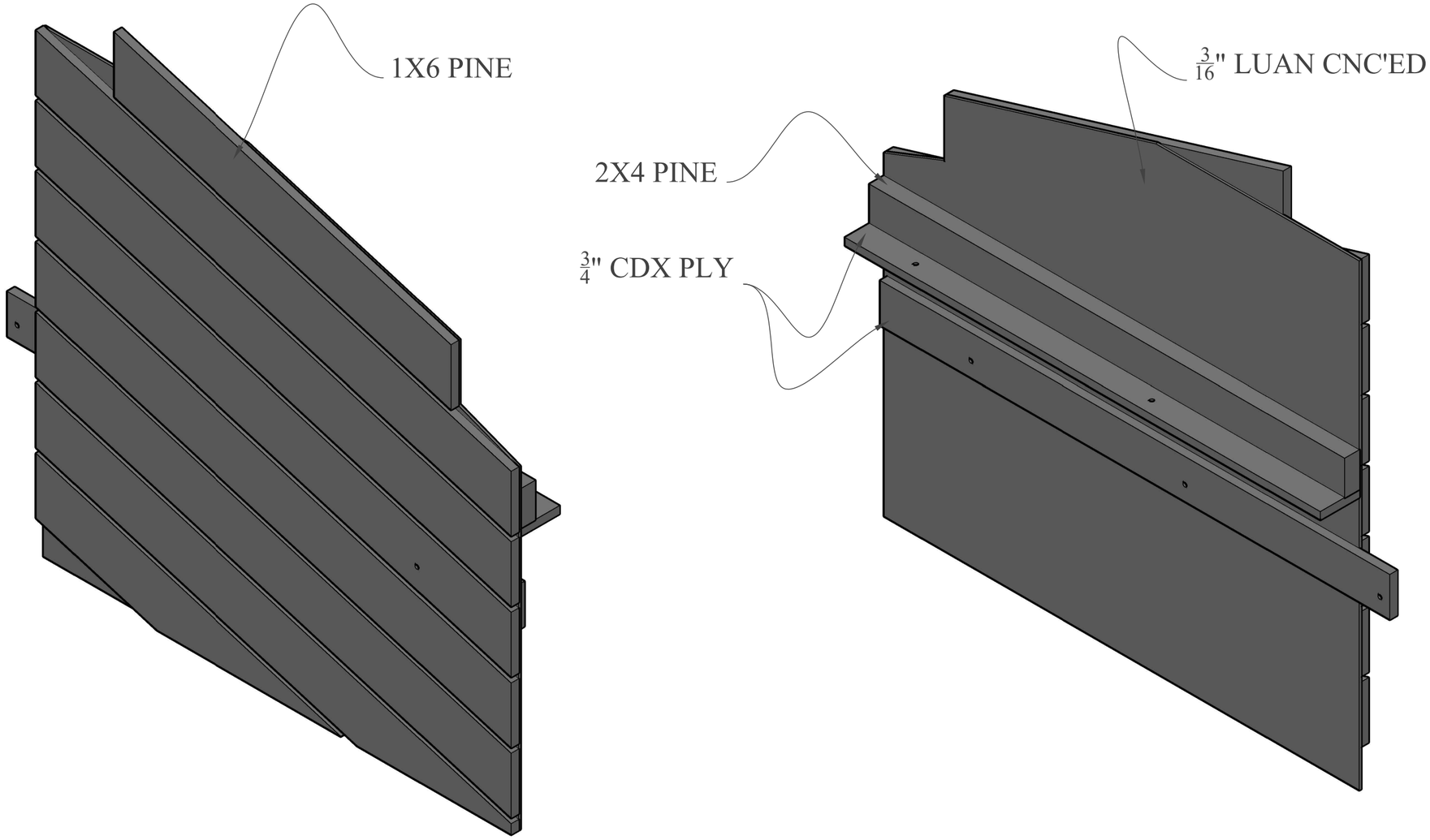
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-320



1 DSR & L Panel #1
321 OVERVIEW

1.5" = 1'-0"

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Summer 2018
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Cedar City, UT

BIG RIVER

DSR & L PANEL #1

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/19/18
FILE:	Apron Docks v6.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

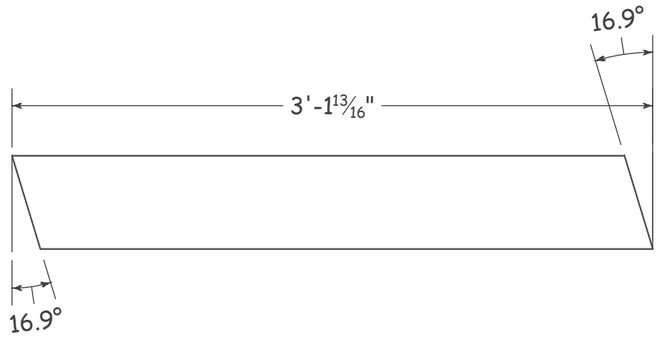
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

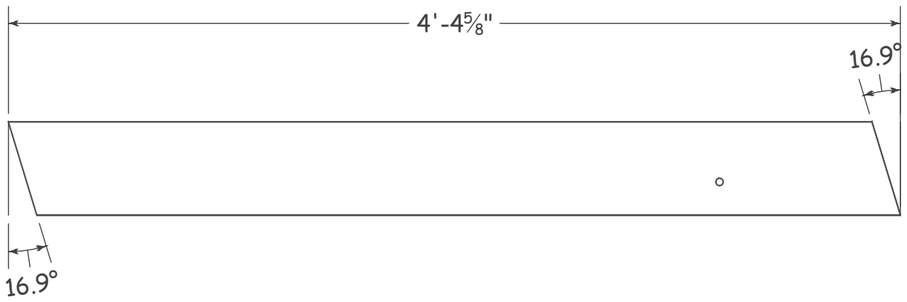
SCALE: AS NOTED

BR-321



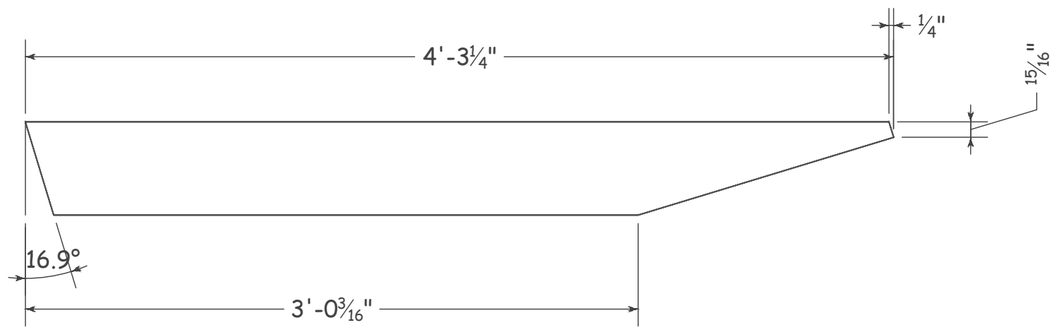
1 | Board #1
322 | FRONT — 1.5" = 1'-0"

-MATERIAL IS 1x6 PINE
-CUT ONE (1) then MIRROR ONE (1) - TWO (2) TOTAL BOARDS



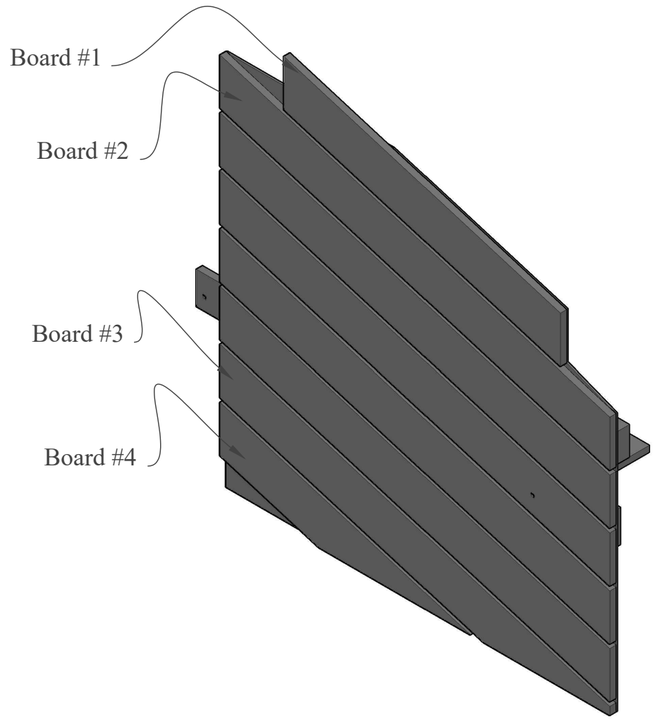
2 | Board #2
322 | FRONT — 1.5" = 1'-0"

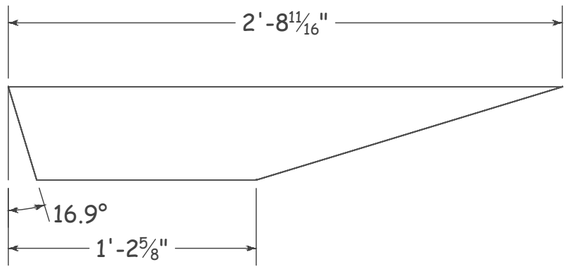
-MATERIAL IS 1x6 PINE
-CUT FIVE (5) then MIRROR FIVE (5) MORE- TEN (10) TOTAL BOARDS



3 | Board #3
322 | FRONT — 1.5" = 1'-0"

-MATERIAL IS 1x6 PINE
-CUT ONE (1) then MIRROR ONE (1) - TWO (2) TOTAL BOARDS





4 | Board #4
322 | FRONT — 1.5" = 1'-0"

-MATERIAL IS 1x6 PINE
-CUT ONE (1) then MIRROR ONE (1)
- TWO (2) TOTAL BOARDS

Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DSR & L PANEL #1

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/19/18
FILE:	Apron Docks v6.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest 1/2 hr)

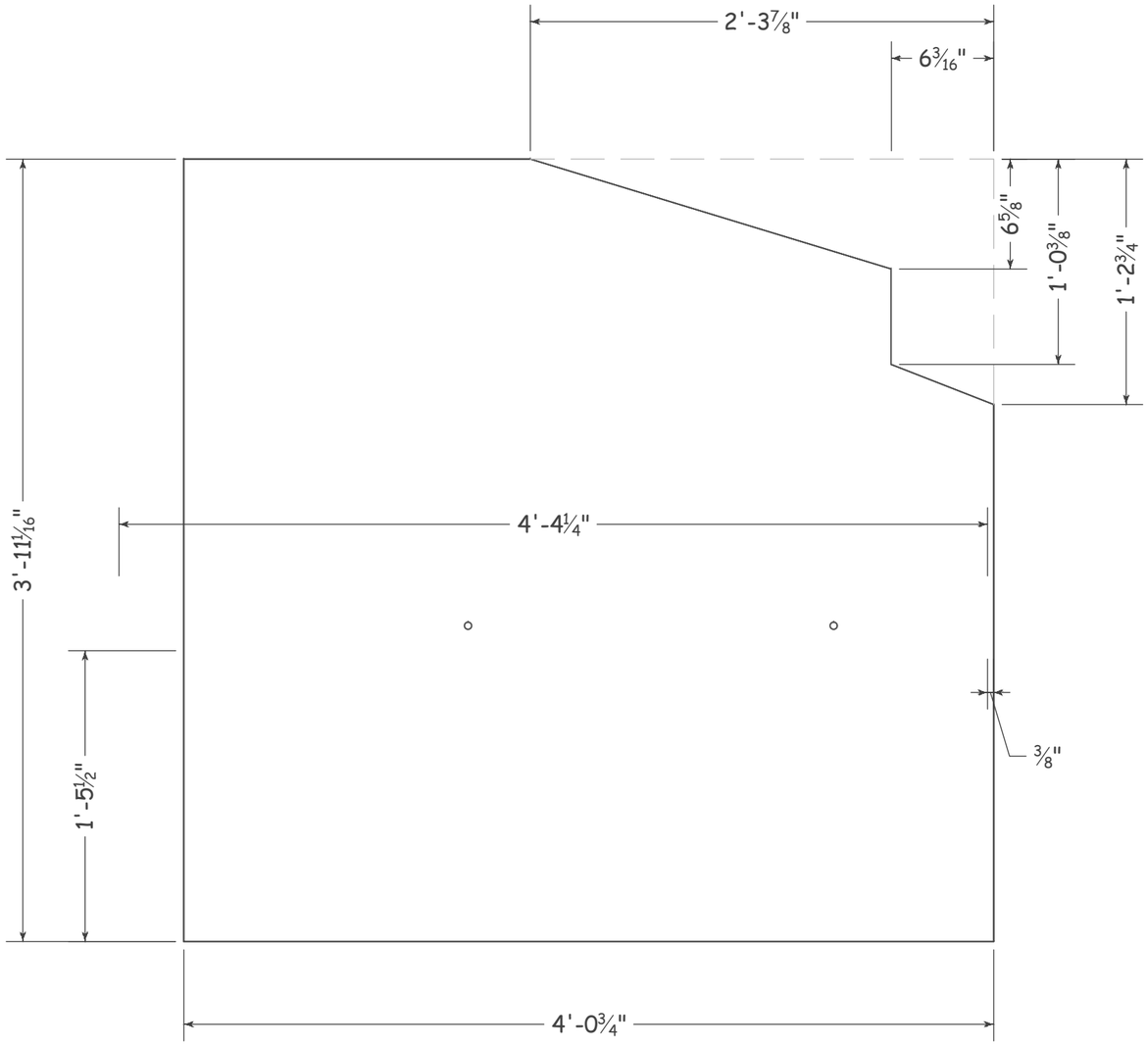
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

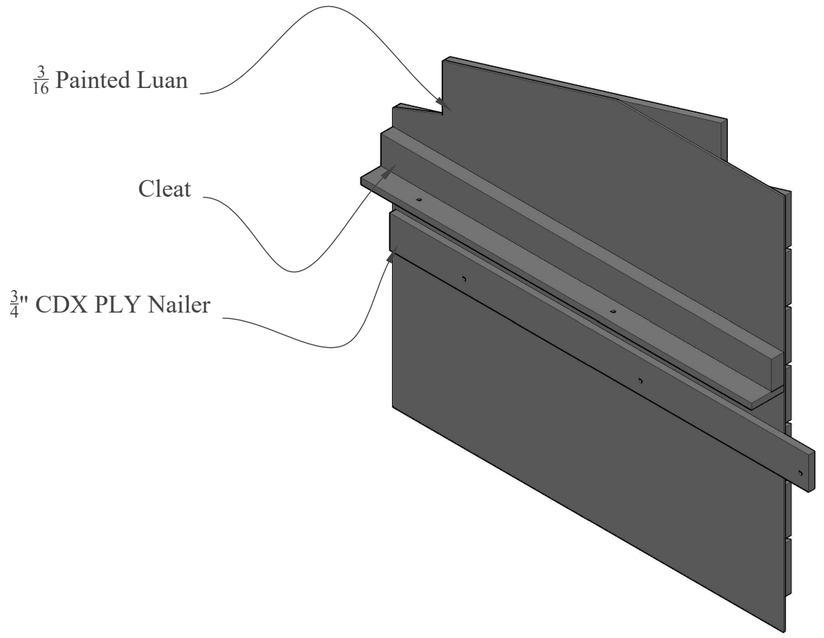
SCALE: AS NOTED

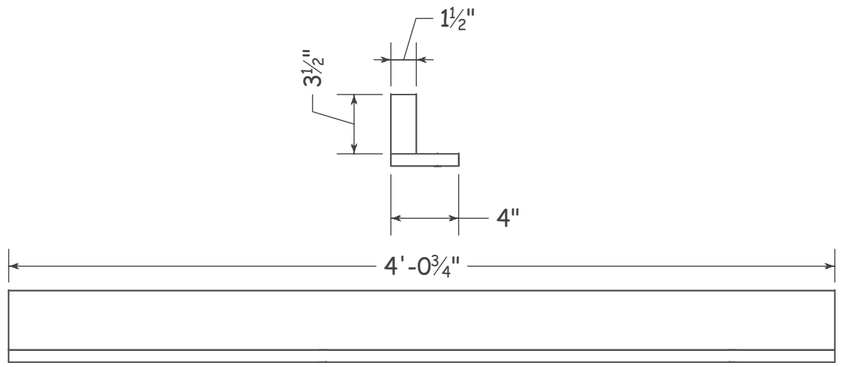
BR-322



1 / 323 LUAN & NAILER
FRONT VIEW 1.5" = 1'-0"

-MATERIAL IS 2x4 PINE & ¾" CDX PLY
-NAILER IS ATACHED ON NON-PAINTED SIDE
-BUILD TWO (2)
-BUILD ONE (1) then MIRROR ONE (1)
-GLUE & SCREW CONSTRUCTION





2 / 323 CLEAT
BACK VIEW 1.5" = 1'-0"

-MATERIAL IS 2x4 PINE & ¾" CDX PLY
-BUILD TWO (2)
-GLUE & SCREW CONSTRUCTION
-DO NOT ATTACH TO PANEL UNTIL INSTALL

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Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

DSR & L PANEL #1

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/19/18
FILE:	Apron Docks v6.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

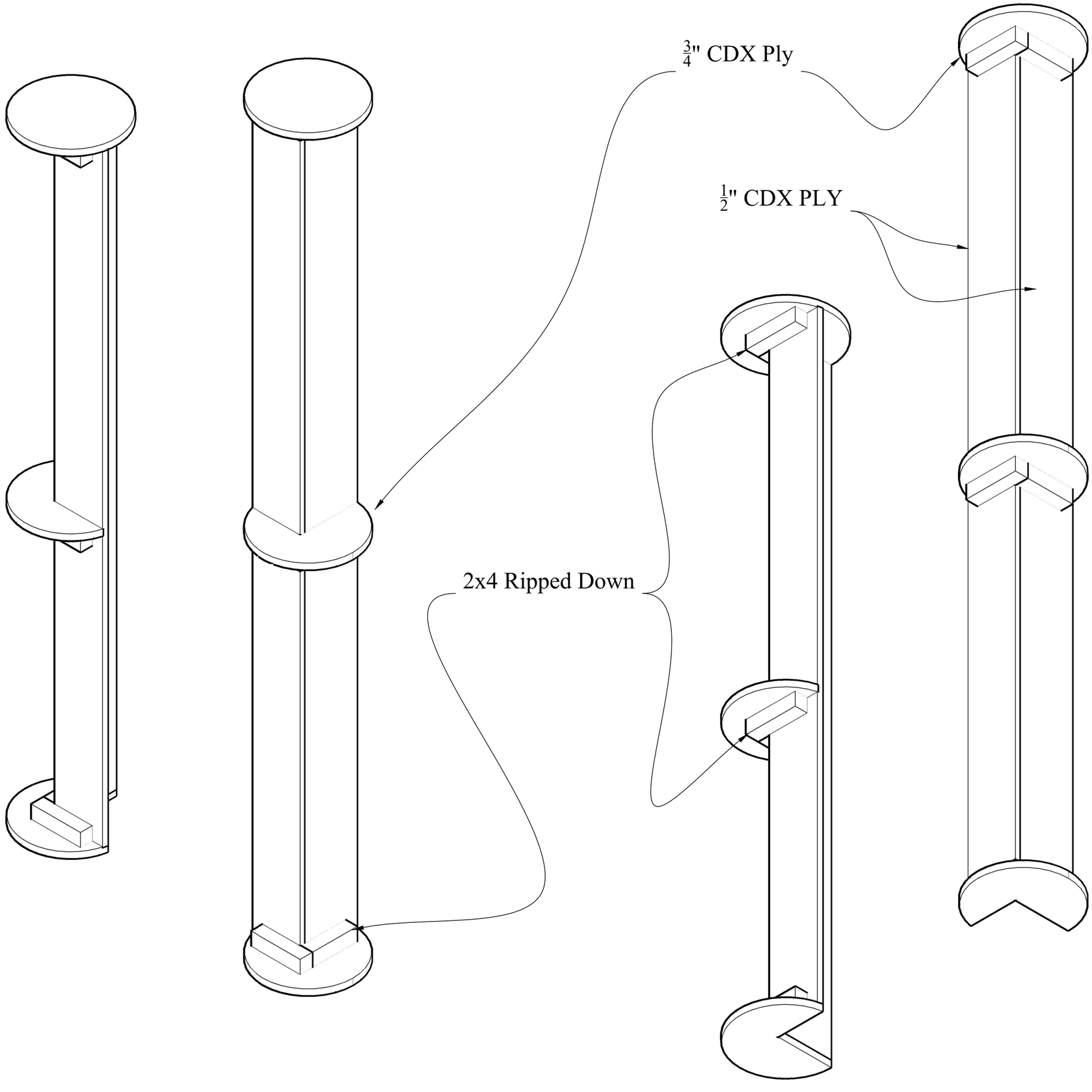
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-323



Utah Shakespeare Festival
Randall Jones Theare
Summer 2018

351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

SL & SR TORM PANELS

OVERVIEW

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/21/18
FILE:	Apron Docks v6.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest $\frac{1}{2}$ hr)

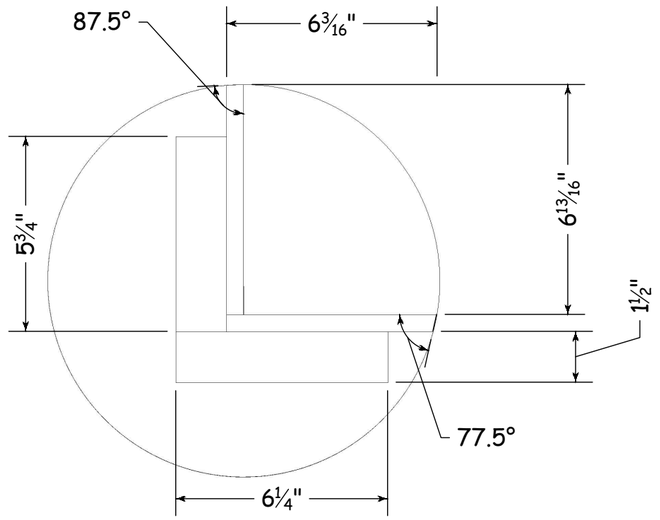
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-324

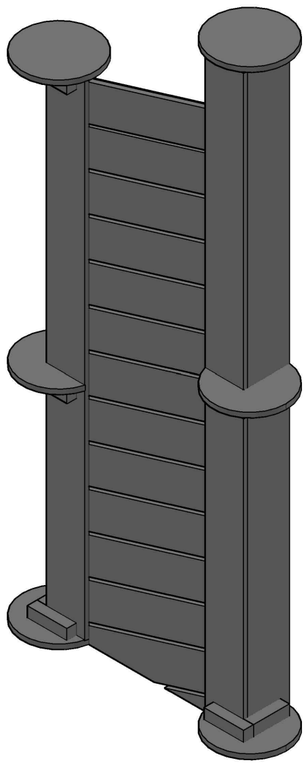


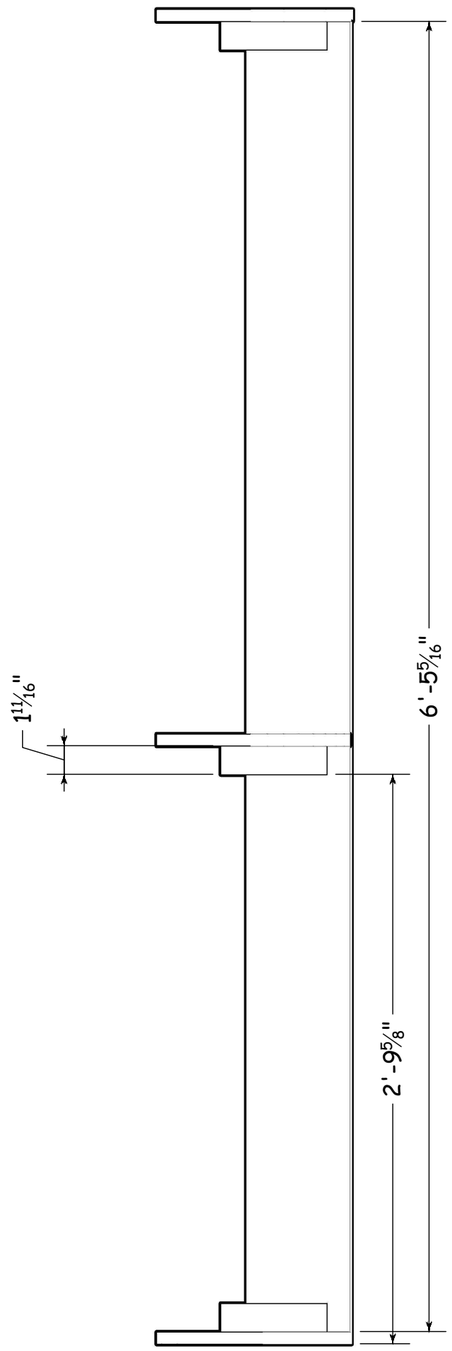
1 / 325 Typical Torm Pylon

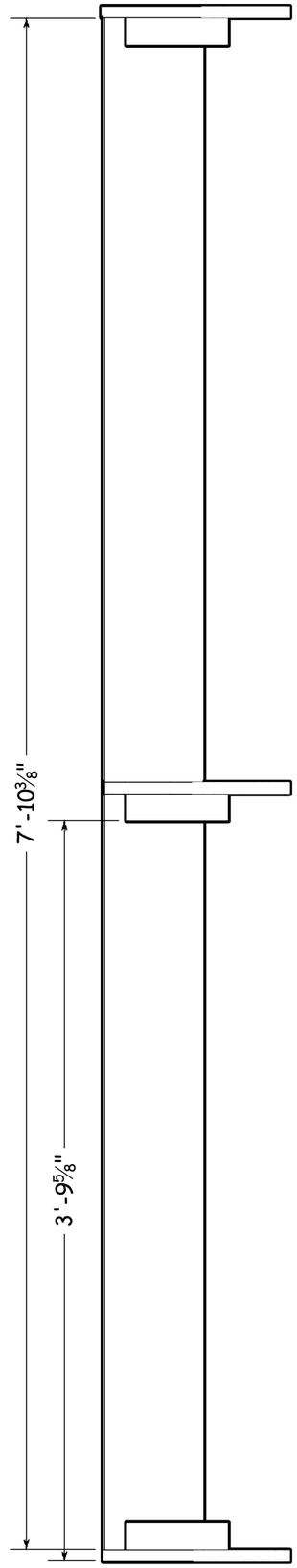
Top View 1.5" = 1'-0"

-MATERIAL IS INDICATED ON PLATE BR - 320
-BUILD TWO (2) SETS - FOUR (4) PANELS TOTAL
-GLUE & SCREW/STAPLE CONSTRUCTION

-REVERSE AND REPEAT PAC-MEN PIECES







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Randall Jones Theare
Summer 2018
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Cedar City, UT

BIG RIVER

SL & SR TORM PANELS

PYLONS FRAMES AND ASSEMBLY

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/22/18
FILE:	Apron Docks v6.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest 1/2 hr)

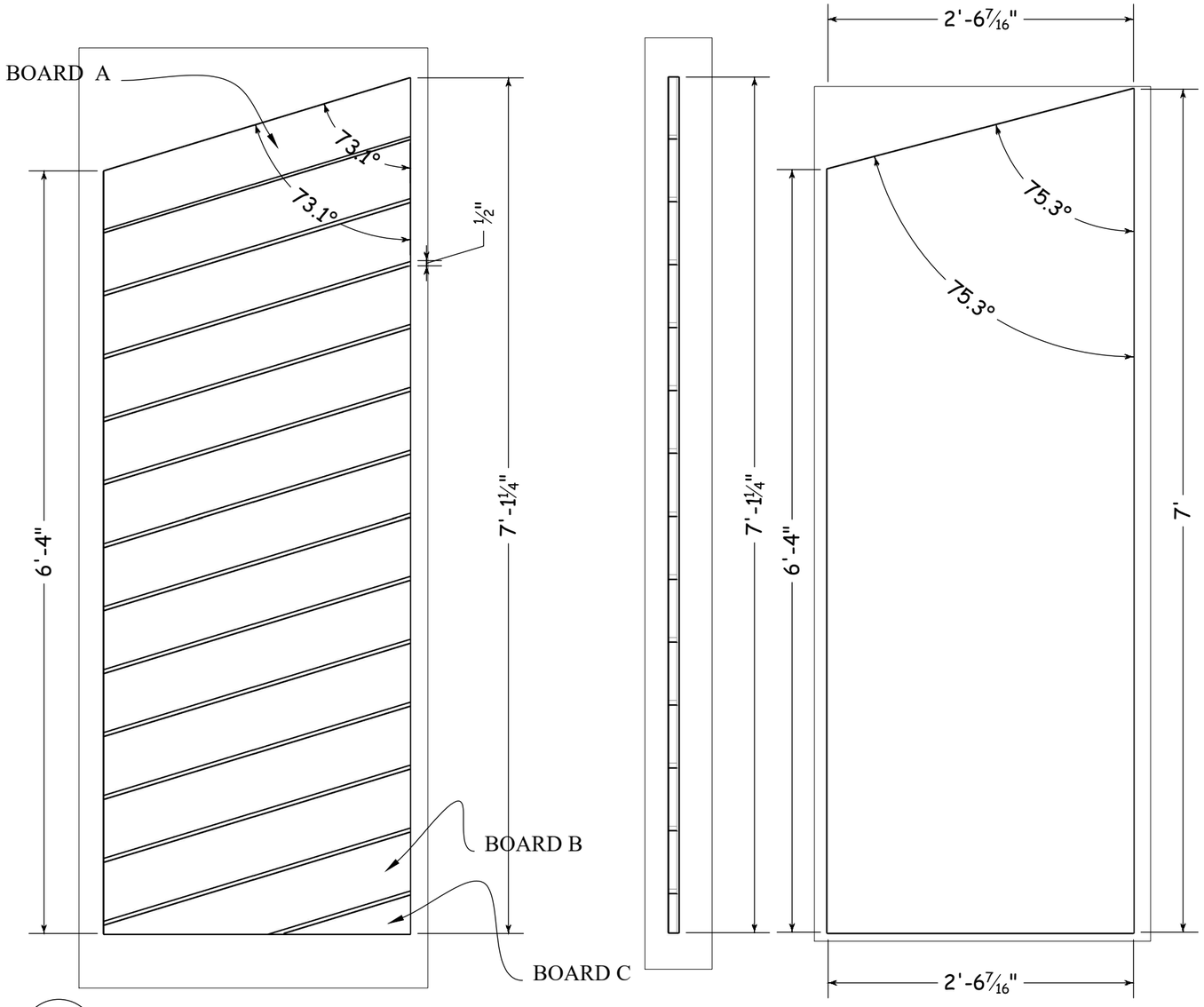
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-325

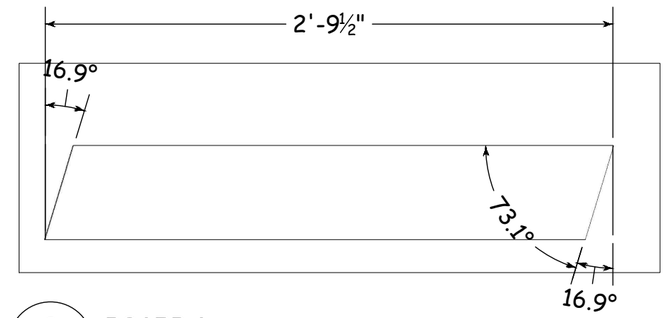


1 326 SL TORM PANEL
FRONT VIEW -SIDE VIEW -FRONT VIEW (BOARDS REMOVED) 1" = 1'-0"

-MATERIALS ARE 1X6 PAINTED PINE & $\frac{3}{16}$" PAINTED LUAN

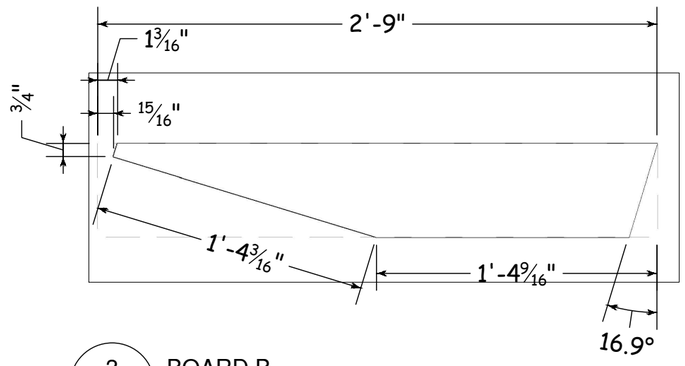
-BUILD TWO (2) MIRROR SR PANEL

-GLUE & STAPLE CONSTRUCTION



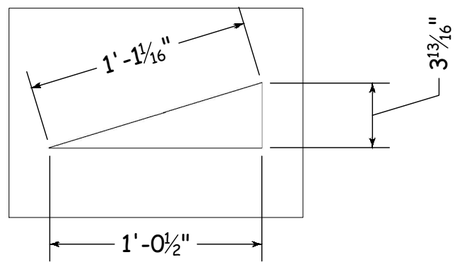
2 326 BOARD A
FRONT VIEW 1 1/2" = 1'-0"

-MATERIALS IS 1X6 PAINTED PINE
-CUT TWENTY-FOUR (24)



3 326 BOARD B
FRONT VIEW 1 1/2" = 1'-0"

-MATERIALS IS 1X6 PAINTED PINE
-CUT TWO (2) R&R



4 326 BOARD C
FRONT VIEW 1 1/2" = 1'-0"

-MATERIALS IS 1X6 PAINTED PINE
-CUT TWO (2) R&R

Utah Shakespeare Festival
Randall Jones Theare
Summer 2018
351 W. Universtiy BLVD.
Cedar City, UT

BIG RIVER

SL & SR TORM PANELS

PYLONS FRAMES AND ASSEMBLY

DIRECTOR:	MR Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	T. Fagerholm
DWG BY:	NILS!
DATE:	6/22/18
FILE:	Apron Docks v6.dwg
INVENTORY CODE:	BR - APD

BUILD TIME (nearest ½ hr)

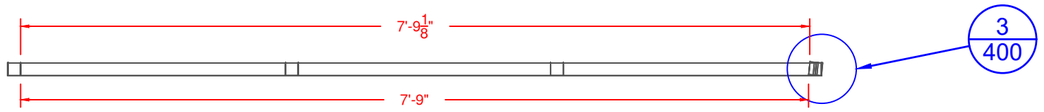
DAY	TIME

MATERIALS USED

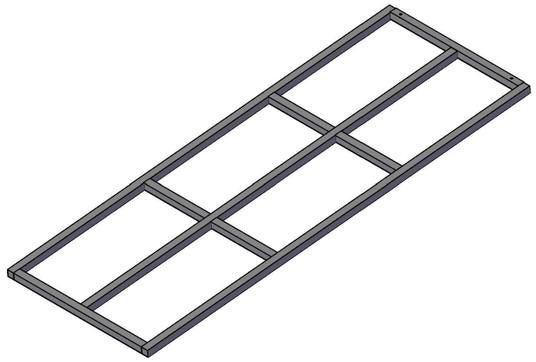
MATERIAL	QUANTITY

SCALE: AS NOTED

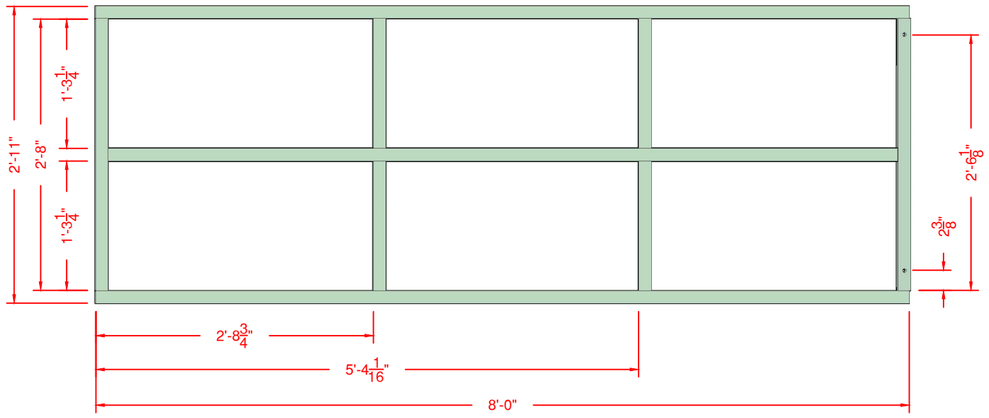
BR-326



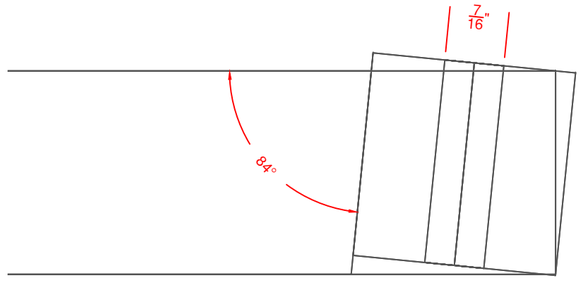
2 / 401 SIDE VIEW: FRAMING
1.5" BOX TUBE FRAMING 3/4"=1'-0"
CENTER STILE MEASUREMENTS SHOWN



4 / 401 ISOMETRIC
NTS



1 / 401 TOP VIEW: FRAMING
1.5" BOX TUBE X .065 FRAMING 3/4"=1'-0"
WELD 3 SIDES
RIGHT RAIL ANGLED
CENTER STILE ANGLED (Lenght to long side 7'9 1/2")
Diagonal = 8'-6 3/16"



3 / 401 DETAIL
7/16" HOLES CENTERED IN BOX ACTUAL
SEE DRAWING 1 FOR HOLE PLACEMENT

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

MSD SR Frame

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/2/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

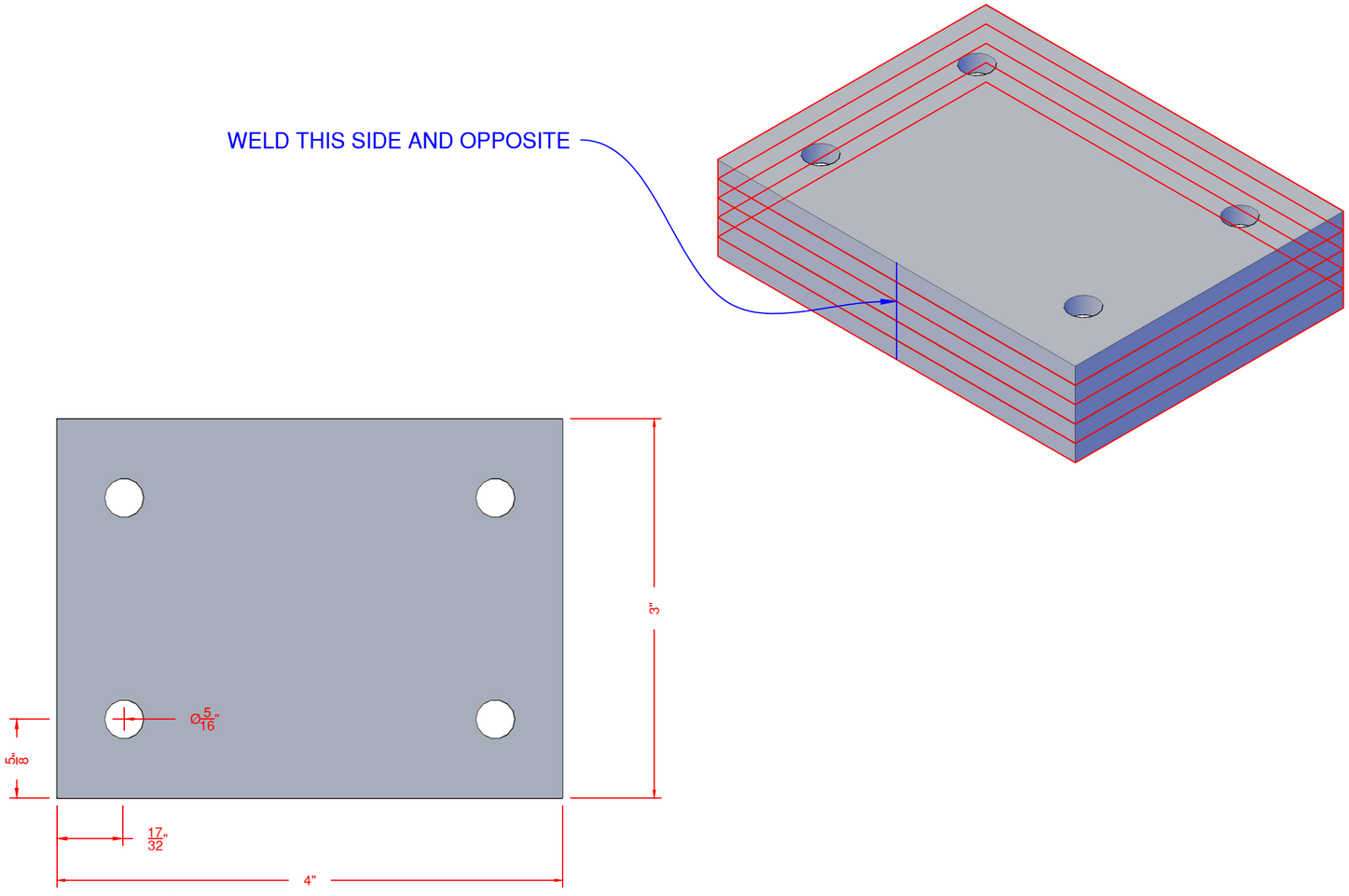
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-401



1 / 402 TOP VIEW
3/16" x 3" FLAT BAR FULL
HOLE LOCATIONS ARE SYMMETRICAL
TACK WELD 5 PLATES TOGETHER THEN DRILL ALL 5 PLATES AT ONCE
MAKE 20
MAKE A JIG IF THAT HELPS TO KEEP HOLES CONSISTENT

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

MSD CASTER PLATES

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	TKF	INVENTORY CODE:	BR - MSD
DATE:	5/2/18	DWG	400 midstage dock.dwg
REV 1:		REV 2:	

BUILD TIME

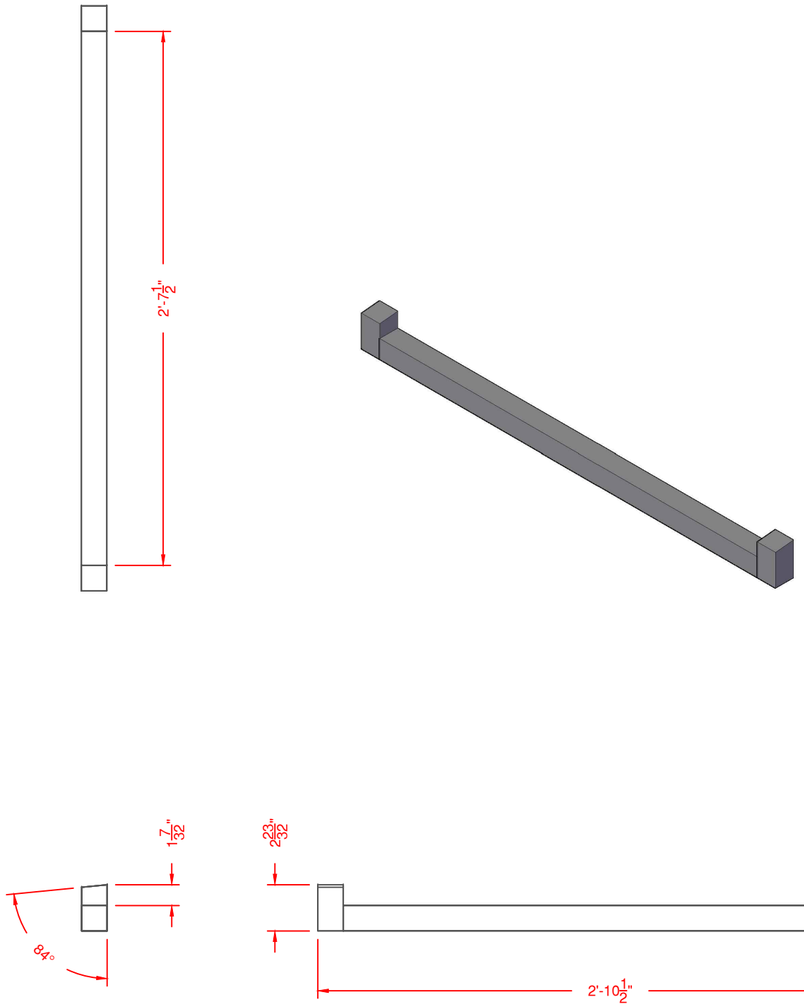
DAY	TIME

MATERIALS USED

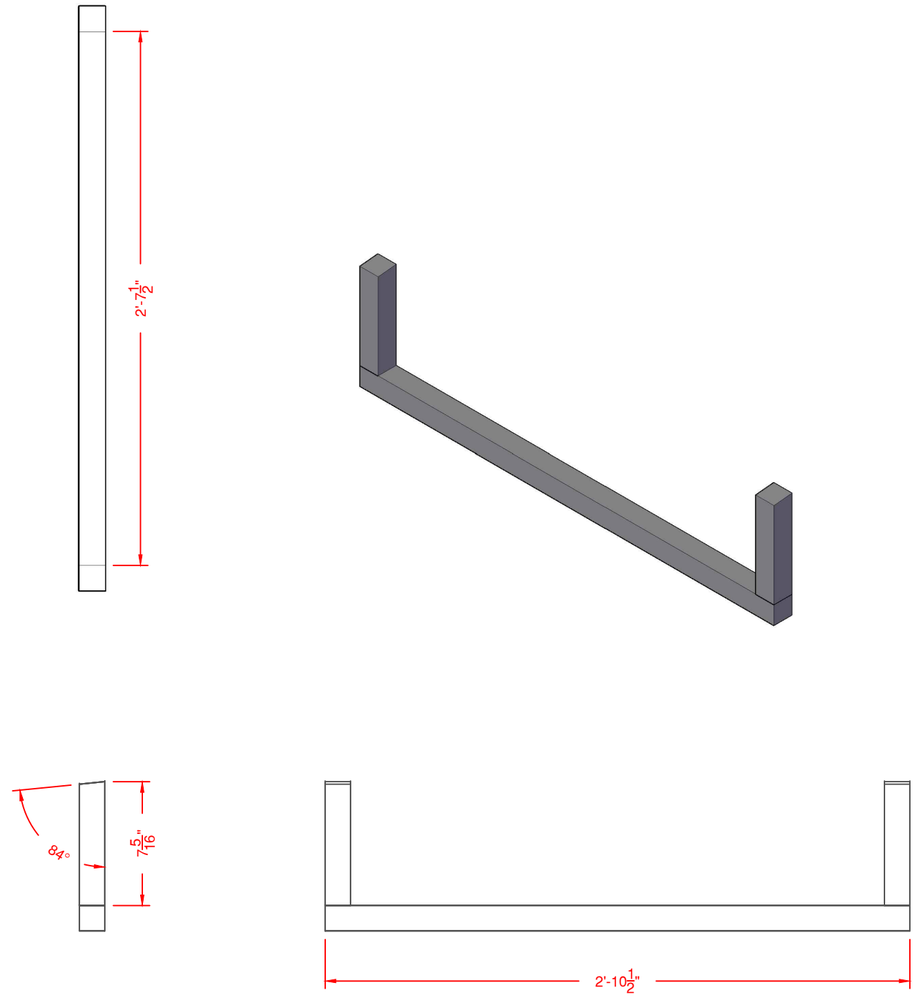
MATERIAL	QUANTITY

SCALE: FULL

BR-402



1 403 SR DOCK LEGS 1
1.5"x.065" BOX TUBE 1.5"=1'-0"
WELD 3 SIDES



2 403 SR DOCK LEGS 2
1.5"x.065" BOX TUBE 1.5"=1'-0"
WELD 3 SIDES

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

MSD LEGS

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	TKF	INVENTORY CODE:	BR - MSD
DATE:	5/2/18	DWG	400 midstage dock.dwg
REV 1:		REV 2:	

BUILD TIME

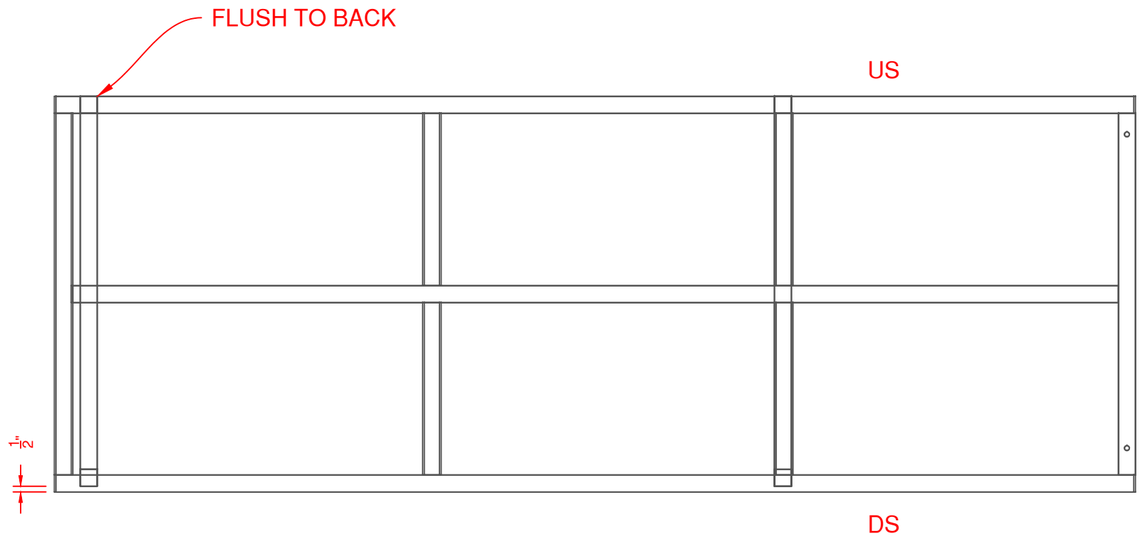
DAY	TIME

MATERIALS USED

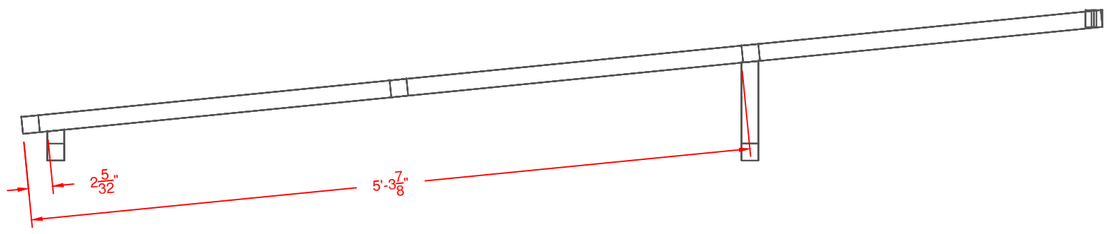
MATERIAL	QUANTITY

SCALE: 1-1/2"=1'-0"

BR-403



2 / 404 SR DOCK LEG ASSEMBLY TOP VIEW
INSET 1/2" FROM DS EDGE 1"=1'-0"
FLUSH ALONG US EDGE



1 / 404 SIDE VIEW
DIMS ALONG BOTTOM EDGE 1"=1'-0"
WELD 3 SIDES: 2 FILLETS AND INSIDE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

MSD LEG ASSEMBLY

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/2/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

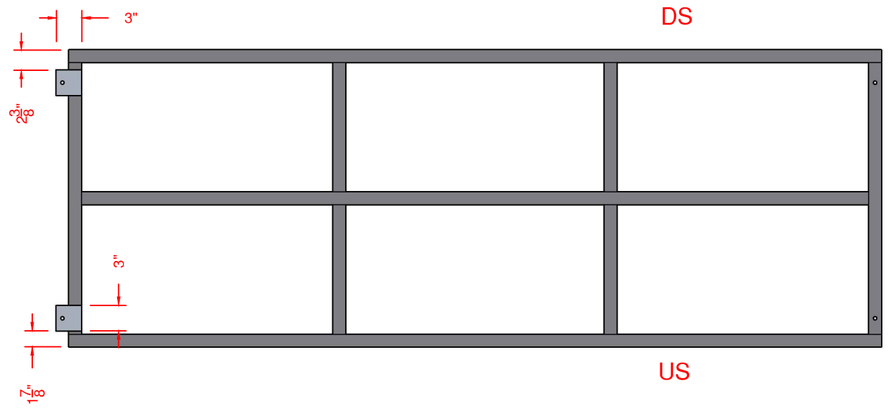
DAY	TIME

MATERIALS USED

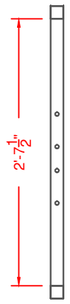
MATERIAL	QUANTITY

SCALE: 1"=1'-0"

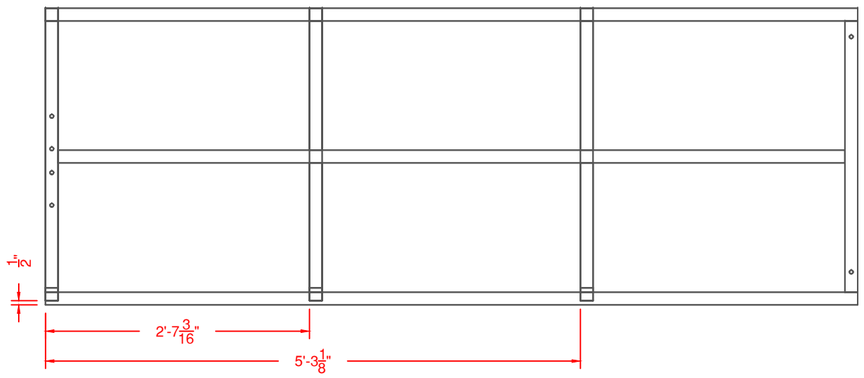
BR-404



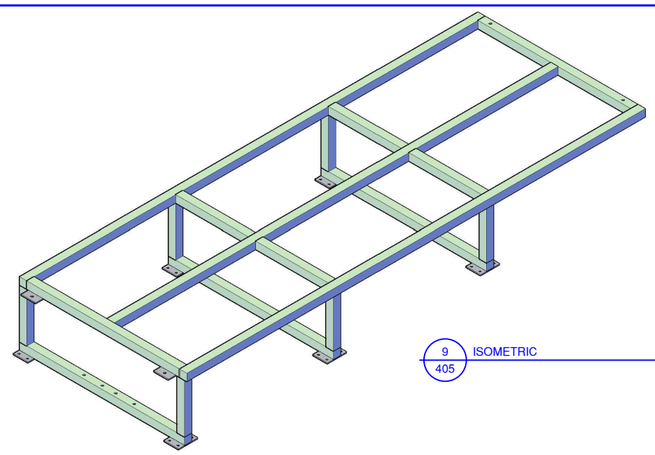
3 / 405 BOTTOM VIEW
3"X3/16" FLAT BAR — 3/4"=1'-0"
WELD THREE SIDES
HOLES DRILLED AT MOCKUP



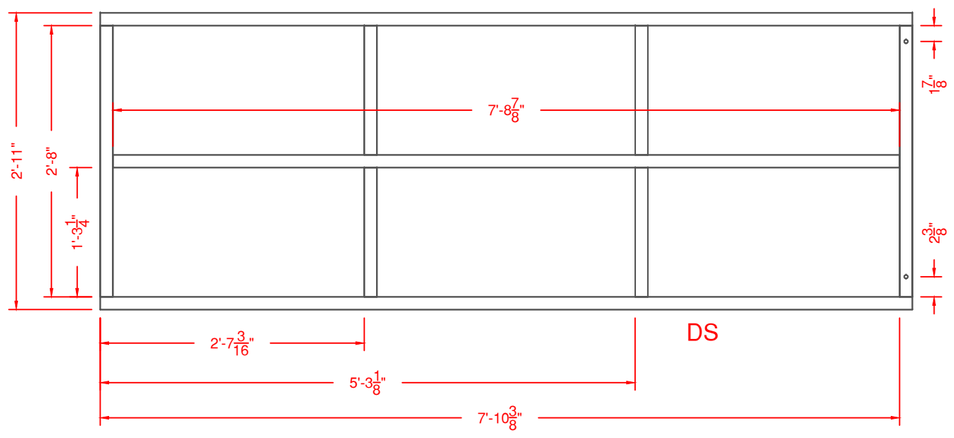
6 / 405 TOP VIEW LEGS
1.5"X.065" BOX TUBE — 3/4"=1'-0"
MAKE 3



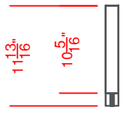
8 / 405 TOP VIEW LEGS & FRAME
1.5"X.065" BOX TUBE — 3/4"=1'-0"



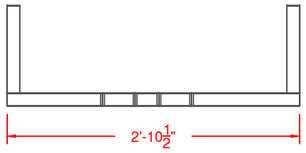
9 / 405 ISOMETRIC
NTS



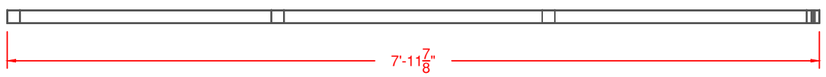
2 / 405 TOP VIEW
WELD 3 SIDES — 3/4"=1'-0"
DIAGONAL = 8'-6 1/16"



5 / 405 SIDE VIEW LEGS
1.5"X.065" BOX TUBE — 3/4"=1'-0"
MAKE 3



7 / 405 FRONT VIEW LEGS
1.5"X.065" BOX TUBE — 3/4"=1'-0"
MAKE 3



1 / 405 FRONT VIEW
1.5"X.065" BOX TUBE — 3/4"=1'-0"
WELD 3 SIDES: 2 FILLETS AND INSIDE

4 / 405 SIDE VIEW
7/16" HOLES — 3/4"=1'-0"
USE DRILL PRESS FOR STRAIGH HOLES

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

MSD CENTER FRAME

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/2/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

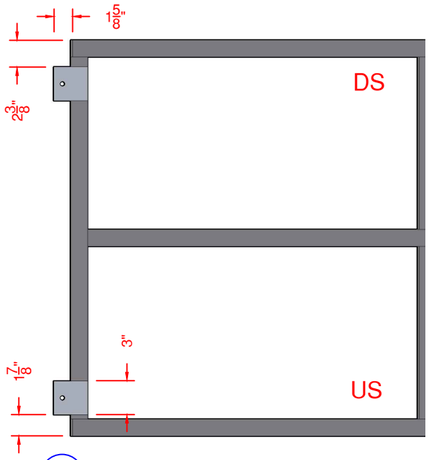
DAY	TIME

MATERIALS USED

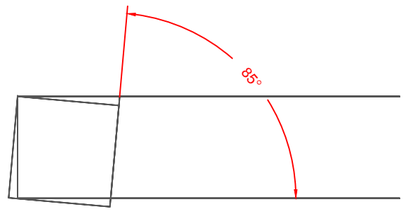
MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

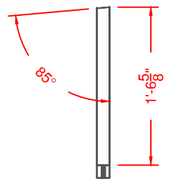
BR-405



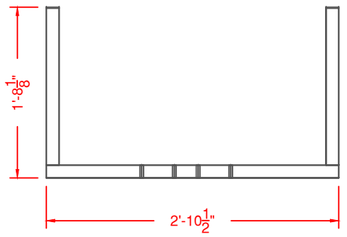
3 / 405 BOTTOM VIEW OF LEFT RAIL & TABS — 1"=1'-0"
3"X3/16" FLAT BAR
WELD THREE SIDES: SIDES & BACK
HOLES DRILLED AT MOCKUP



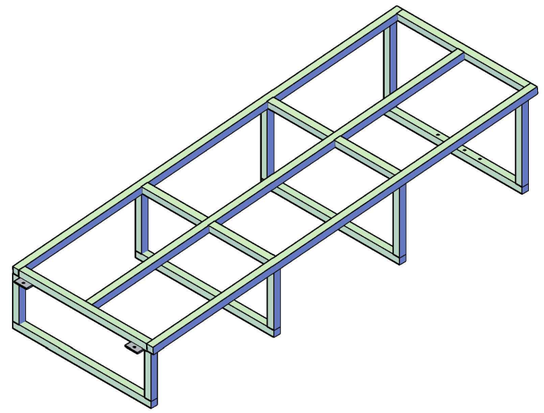
4 / 406 DETAIL SIDE VIEW — 6"=1'-0"



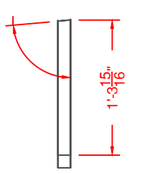
12 / 406 SIDE VIEW LEG4 — 3/4"=1'-0"
1.5"X.065" BOX TUBE
WELD 3 SIDES



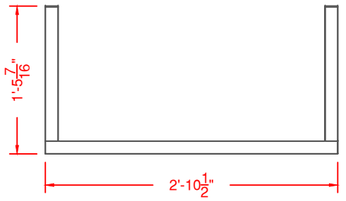
13 / 406 FRONT VIEW LEG4 — 3/4"=1'-0"
1.5"X.065" BOX TUBE



16 / 406 ISO — NTS

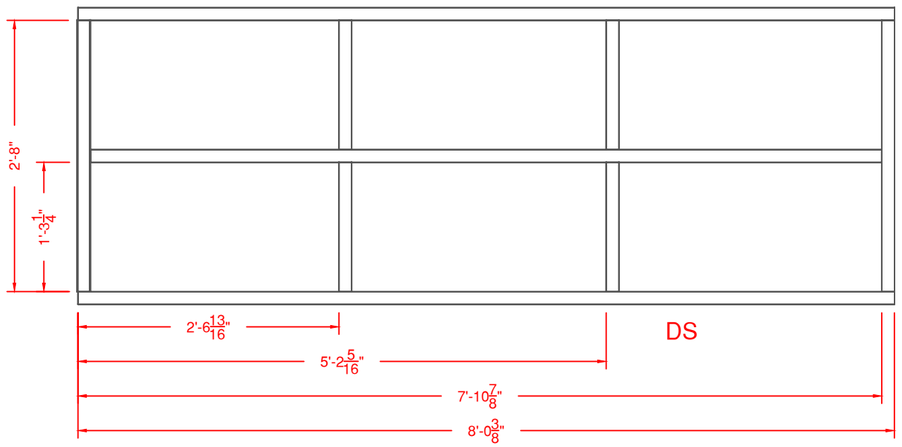


10 / 406 SIDE VIEW LEG3 — 3/4"=1'-0"
1.5"X.065" BOX TUBE
WELD 3 SIDES

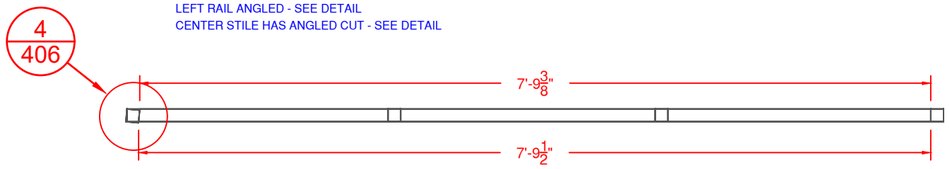


11 / 406 FRONT VIEW LEG3 — 3/4"=1'-0"
1.5"X.065" BOX TUBE

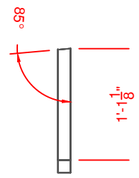
US



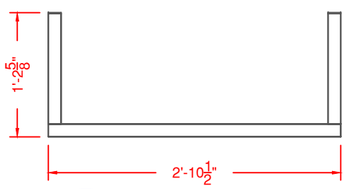
2 / 406 TOP VIEW — 3/4"=1'-0"
WELD 3 SIDES
DIAGONAL = 8'-6 1/16"
LEFT RAIL ANGLED - SEE DETAIL
CENTER STILE HAS ANGLED CUT - SEE DETAIL



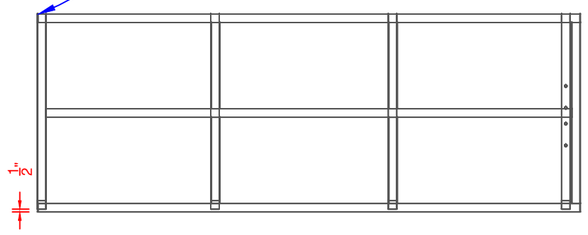
1 / 406 FRONT VIEW — 3/4"=1'-0"
1.5"X.065" BOX TUBE
WELD 3 SIDES: 2 FILLETS AND INSIDE



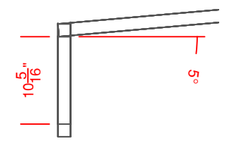
8 / 406 SIDE VIEW LEG2 — 3/4"=1'-0"
1.5"X.065" BOX TUBE
WELD 3 SIDES



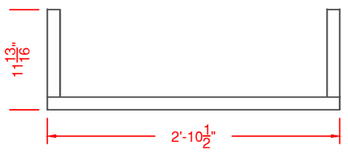
9 / 406 FRONT VIEW LEG2 — 3/4"=1'-0"
1.5"X.065" BOX TUBE



15 / 406 TOP VIEW — 1/2"=1'-0"
LEGS SET BACK 1/2" FROM DS EDGE OF FRAME

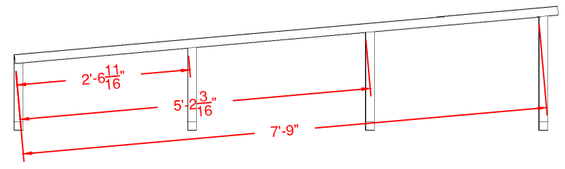


6 / 406 SIDE VIEW LEG1 — 3/4"=1'-0"
1.5"X.065" BOX TUBE
WELD TO TOP FRAME AT 5deg ANGLE
SQUARE EDGED (FILL GAP WITH WELD
WELD 3 SIDES



7 / 406 FRONT VIEW LEG1 — 3/4"=1'-0"
1.5"X.065" BOX TUBE

5 / 406 SIDE VIEW — 3/4"=1'-0"



14 / 406 SIDE VIEW — 1/2"=1'-0"
DIMS START AT BOTTOM EDGE OF OUTSIDE STILE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

MSD SL FRAME

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/3/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

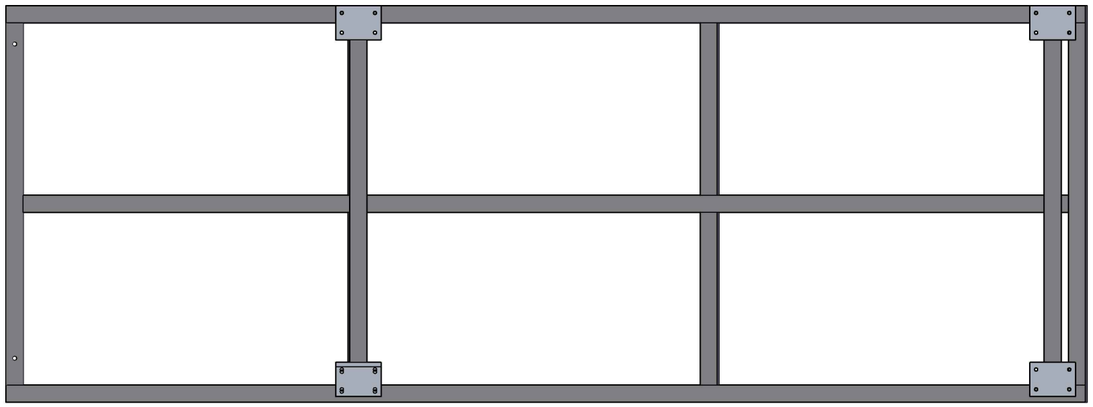
DAY	TIME

MATERIALS USED

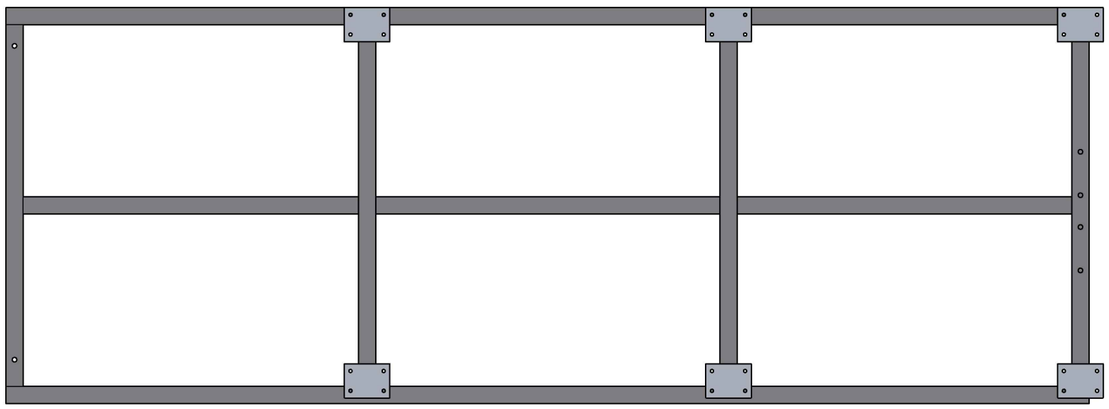
MATERIAL	QUANTITY

SCALE: AS NOTED

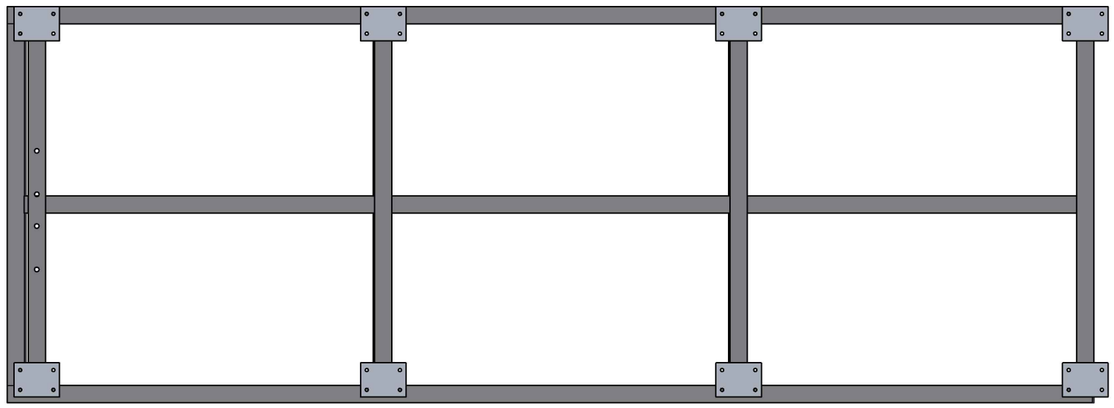
BR-406



1 / 407 BOTTOM VIEW SR DOCK
CASTER PLATES CENTERED ON LEGS
FLUSH TO OUTSIDE EDGES OF LEG BASE
WELD 3 SIDES: FILLETS AND INSIDE EDGE
BOLT ON ALBION 3"X1.25" RIGID CASTERS
USE 1/4" HARDWARE W/LOCK-NUTS
1"=1'-0"



2 / 407 BOTTOM VIEW CENTER DOCK
CASTER PLATES CENTERED ON LEGS
FLUSH TO OUTSIDE EDGES OF LEG BASE
WELD 3 SIDES: FILLETS AND INSIDE EDGE
BOLT ON ALBION 3"X1.25" RIGID CASTERS
USE 1/4" HARDWARE W/LOCK-NUTS
1"=1'-0"



3 / 407 BOTTOM VIEW SL DOCK
CASTER PLATES CENTERED ON LEGS
FLUSH TO OUTSIDE EDGES OF LEG BASE
WELD 3 SIDES: FILLETS AND INSIDE EDGE
BOLT ON ALBION 3"X1.25" RIGID CASTERS
USE 1/4" HARDWARE W/LOCK-NUTS
1"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

CASTER PLATE LAYOUT

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/3/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

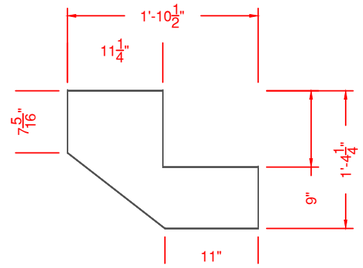
DAY	TIME

MATERIALS USED

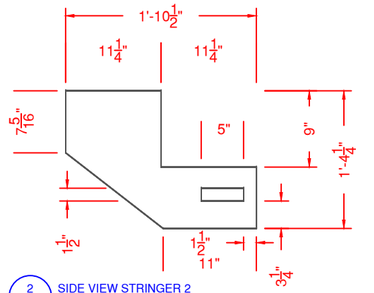
MATERIAL	QUANTITY

SCALE: 1"=1'-0"

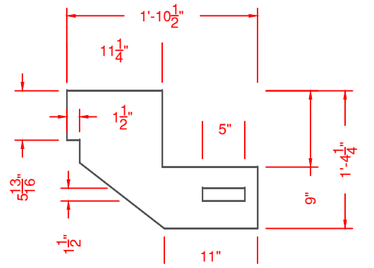
BR-407



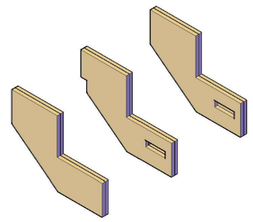
1 / 408 SIDE VIEW STRINGER 1 — 3/4"1'-0"
3/4" PLY
BUILD 2



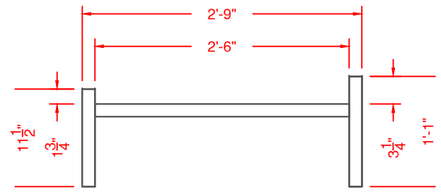
2 / 408 SIDE VIEW STRINGER 2 — 3/4"1'-0"
3/4" PLY
BUILD 2
LAMINATE TO STRINGER 1
R&R (REVERSE AND REPEAT)



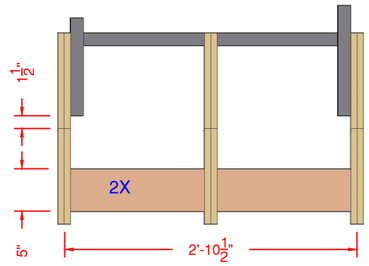
3 / 408 SIDE VIEW STRINGER 3 — 3/4"1'-0"
3/4" PLY
BUILD 2
LAMINATE TOGETHER



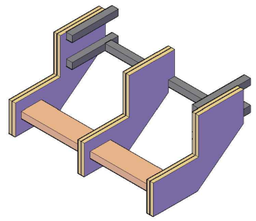
4 / 408 ISO OF STRINGERS — NTS



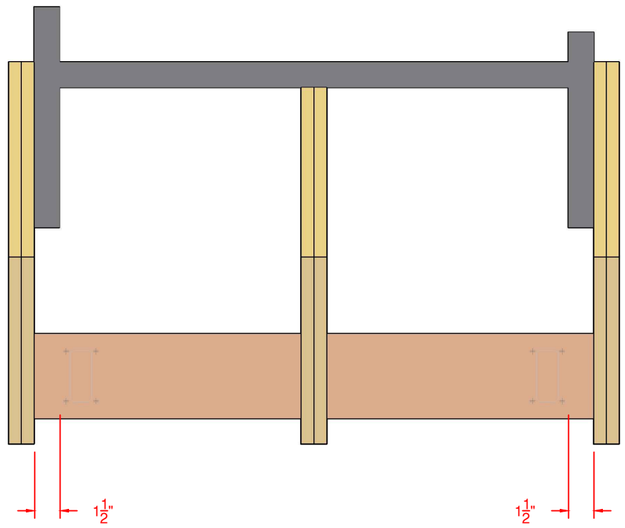
5 / 408 LOWER STRINGER SUPPORT — 3/4"1'-0"
1.5"X.065" BOX TUBE
WELD 3 SIDES
CUT ONE EXTRA OF EACH SIDE

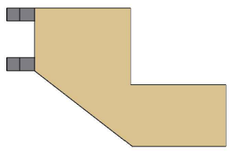


TOP

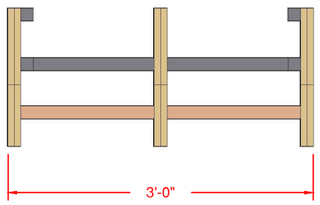


ISO

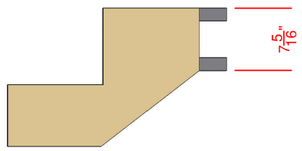




RIGHT



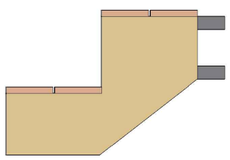
FRONT



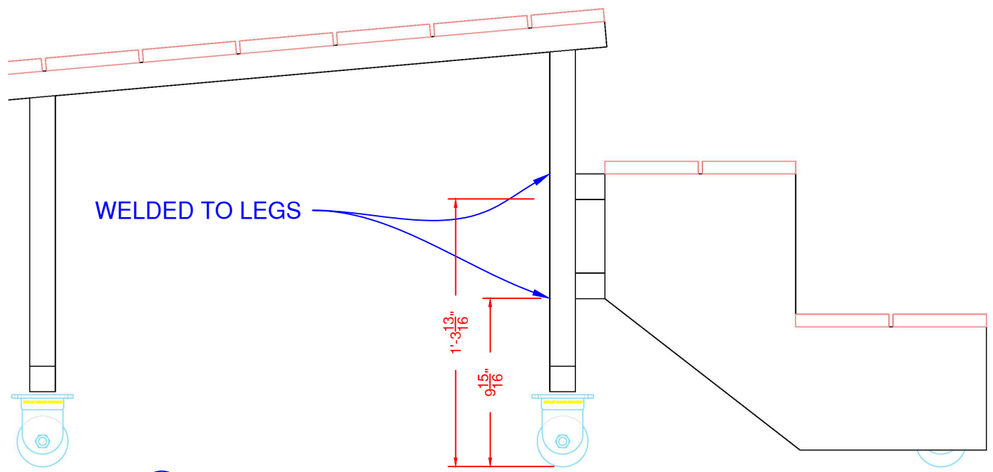
LEFT

6 / 408 STRINGER ASSEMBLY — 3/4"1'-0"
1.5"X5"X2'-10.5" ACTUAL 2X FRAMING MEMBER AT BOTTOM
1/4" STOVE BOLT 1.5" BOX TO STRINGERS (5/16" HOLE)
2 BOLTS PER STEEL FRAMING MEMBER
INSET HOLES MIN. 1.5" FROM EDGE OF MATERIAL
GLUE AND SCREW 2X FRAMING MEMBER IN PLACE

7 / 408 BOTTOM VIEW - CASTER PLACEMENT — 1-1/2"=1'-0"
1/4" BOLTS W/LOCKNUTS
ALBION 3"X1.25" RIGID CASTERS



8 / 408 SIDE VIEW PLANKING — 3/4"=1'-0"
1X6 X3' PLANKING (PRE-CUT)
GLUE AND MED-CROWN STAPLE TO STRINGERS



9 / 408 STAIR ATTACHMENT TO SL DOCK — 1"=1'-0"
STEEL BRACING FOR STAIRS WELDED TO SL FRAME
WELD 2 FILLETS: TOP AND BOTTOM

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

STAIRS

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/3/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

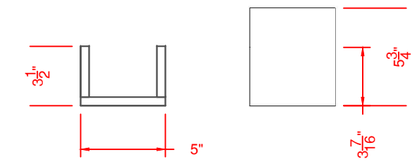
DAY	TIME

MATERIALS USED

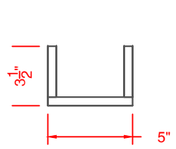
MATERIAL	QUANTITY

SCALE: AS NOTED

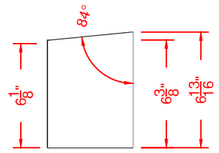
BR-408

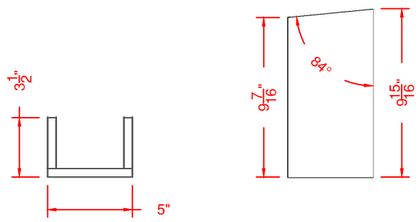


1 | 409 | TOP VIEW SR DS FACING 1 | FRONT VIEW
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"

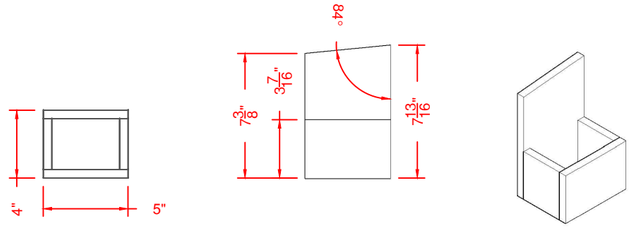


2 | 409 | TOP VIEW SR DS FACING 2 | FRONT VIEW
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"

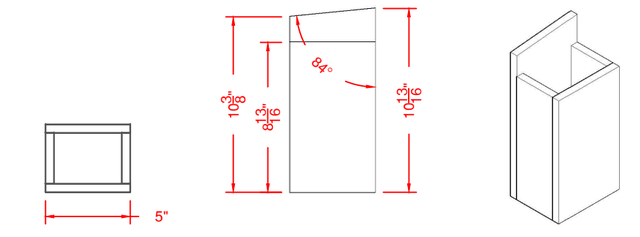




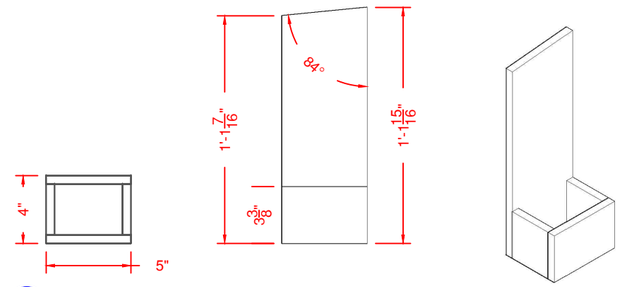
3 | 409 | TOP VIEW SR DS FACING 3 | FRONT VIEW
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



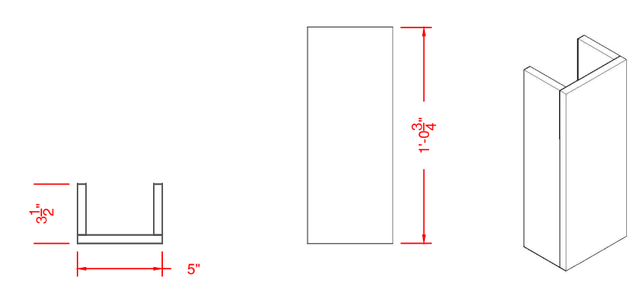
4 | 409 | TOP VIEW SR US FACING 1 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



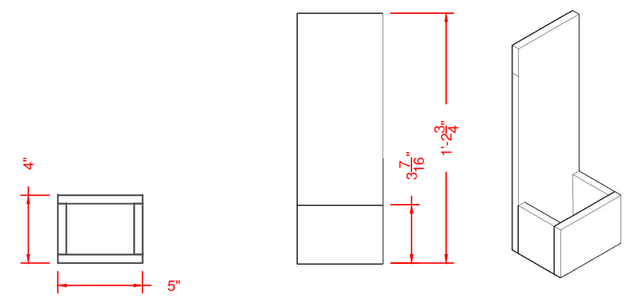
5 | 409 | TOP VIEW SR US FACING 2 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



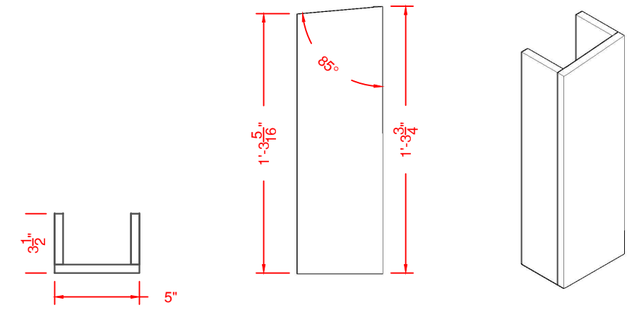
6 | 409 | TOP VIEW SR US FACING 3 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



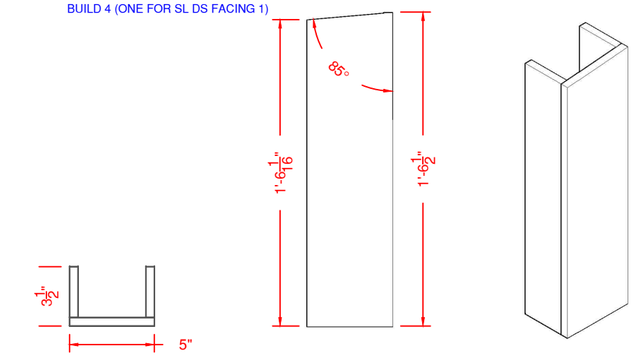
7 | 409 | TOP VIEW CENTER DS FACING 1 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
BUILD 4 (ONE FOR SL DS FACING 1)
1-1/2"=1'-0"



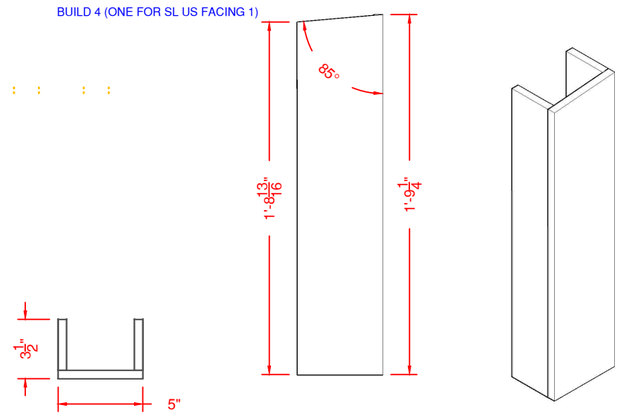
8 | 409 | TOP VIEW CENTER US FACING 1 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
BUILD 4 (ONE FOR SL US FACING 1)
1-1/2"=1'-0"



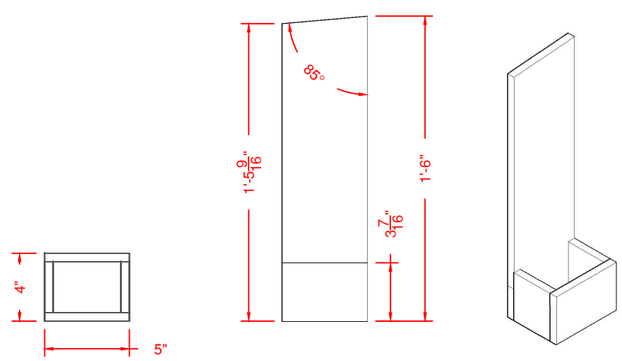
9 | 409 | TOP VIEW SL DS FACING 2 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



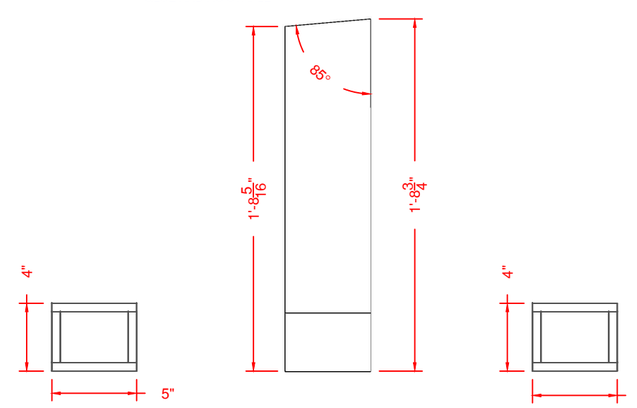
10 | 409 | TOP VIEW SL DS FACING 3 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



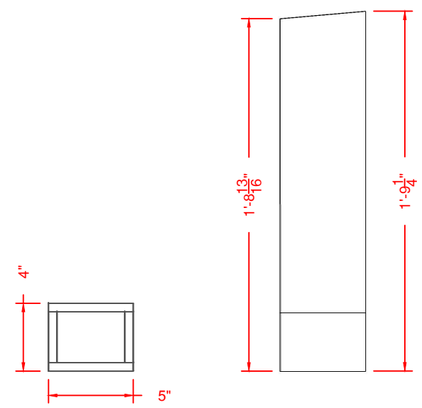
11 | 409 | TOP VIEW SL DS FACING 4 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



12 | 409 | TOP VIEW SL US FACING 2 | FRONT VIEW | ISO
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



13 | 409 | TOP VIEW SL US FACING 3 | FRONT VIEW
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"



14 | 409 | TOP VIEW SL US FACING 3 | FRONT VIEW
1/2" SANDEPLY
GLUE AND NC STAPLE
1-1/2"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

LEG FACING

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	TKF	INVENTORY CODE:	BR - MSD
DATE:	5/4/18	DWG	400 midstage dock.dwg
REV 1:		REV 2:	

BUILD TIME

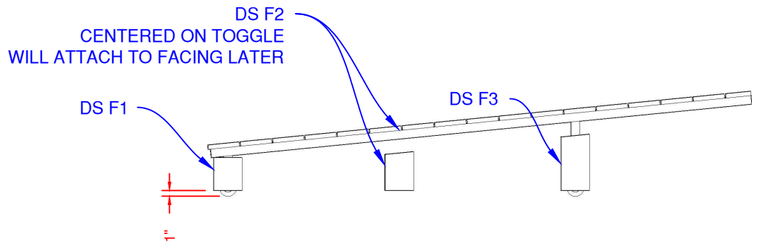
DAY	TIME

MATERIALS USED

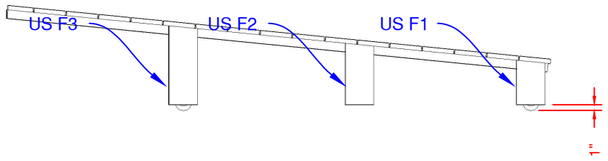
MATERIAL	QUANTITY

SCALE: AS NOTED

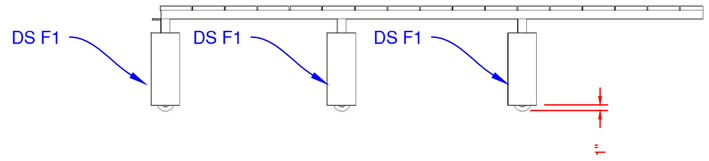
BR-409



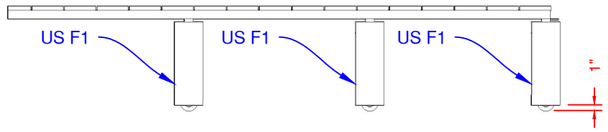
1 / 410 FRONT VIEW SR MSD: DS LEG FACING ASSEMBLY — 1/2"=1'-0"
TEK SCREW SANDE-PLY TO LEGS
FACING TO BE CENTERED ON LEGS
SHOULD BE PERPENDICULAR TO FLOOR
BOTTOM OF FACING 1" ABOVE FLOOR WHEN PLATFORM IS CASTERED



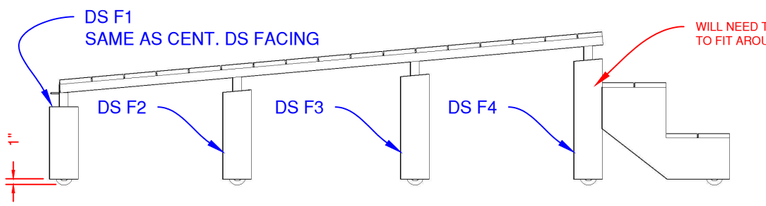
2 / 410 REAR VIEW SR MSD: US LEG FACING ASSEMBLY — 1/2"=1'-0"
TEK SCREW OR T-NAIL SANDE-PLY TO LEGS
FACING TO BE CENTERED ON LEGS
SHOULD BE PERPENDICULAR TO FLOOR
BOTTOM OF FACING 1" ABOVE FLOOR WHEN PLATFORM IS CASTERED



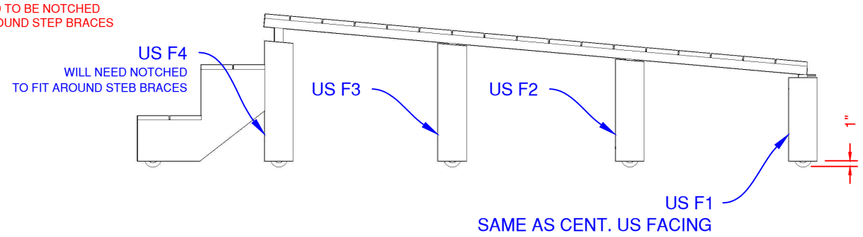
3 / 410 FRONT VIEW C MSD: DS LEG FACING ASSEMBLY — 1/2"=1'-0"
TEK SCREW OR T-NAIL SANDE-PLY TO LEGS
FACING TO BE CENTERED ON LEGS
SHOULD BE PERPENDICULAR TO FLOOR
BOTTOM OF FACING 1" ABOVE FLOOR WHEN PLATFORM IS CASTERED



4 / 410 REAR VIEW C MSD: US LEG FACING ASSEMBLY — 1/2"=1'-0"
TEK SCREW OR T-NAIL SANDE-PLY TO LEGS
FACING TO BE CENTERED ON LEGS
SHOULD BE PERPENDICULAR TO FLOOR
BOTTOM OF FACING 1" ABOVE FLOOR WHEN PLATFORM IS CASTERED



5 / 410 FRONT VIEW SL MSD: DS LEG FACING ASSEMBLY — 1/2"=1'-0"
TEK SCREW OR T-NAIL SANDE-PLY TO LEGS
FACING TO BE CENTERED ON LEGS
SHOULD BE PERPENDICULAR TO FLOOR
BOTTOM OF FACING 1" ABOVE FLOOR WHEN PLATFORM IS CASTERED
NOTCH AS NECESSARY TO FIT AROUND STEP BRACING



6 / 410 REAR VIEW SL MSD: US LEG FACING ASSEMBLY — 1/2"=1'-0"
TEK SCREW OR T-NAIL SANDE-PLY TO LEGS
FACING TO BE CENTERED ON LEGS
SHOULD BE PERPENDICULAR TO FLOOR
BOTTOM OF FACING 1" ABOVE FLOOR WHEN PLATFORM IS CASTERED
NOTCH AS NECESSARY TO FIT AROUND STEP BRACING

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

LEG FACING ASSEMBLY

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	TKF	INVENTORY CODE:	BR - MSD
DATE:	5/6/18	DWG	400 midstage dock.dwg
REV 1:		REV 2:	

BUILD TIME

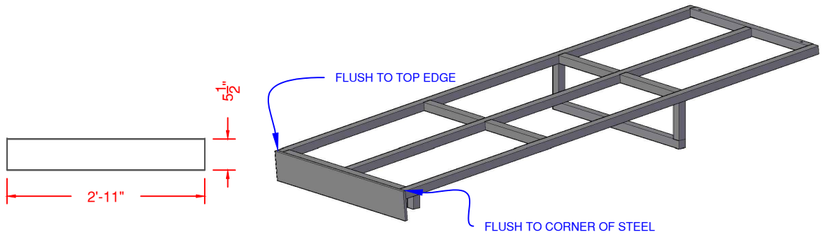
DAY	TIME

MATERIALS USED

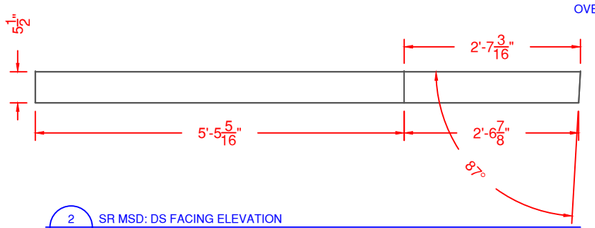
MATERIAL	QUANTITY

SCALE: 1/2"=1'-0"

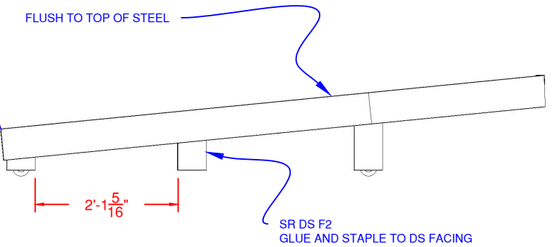
BR-410



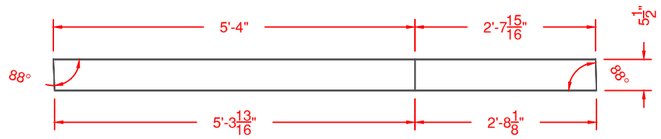
1 / 411 — SR MSD: SR FACING ELEVATION — ISOMETRIC
1/2" SANDE-PLY FACING
TEK SCREW SANDE-PLY TO STEEL FRAME



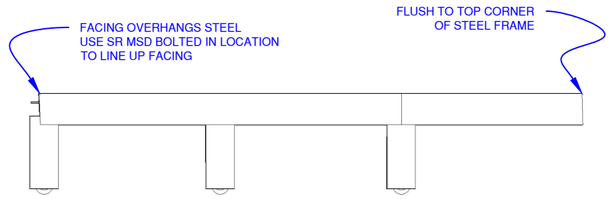
2 / 411 — SR MSD: DS FACING ELEVATION — 1/2"=1'-0"
1/2" SANDE-PLY FACING
TEK SCREW SANDE-PLY TO STEEL FRAME
FLUSH TO TOP OF FRAME



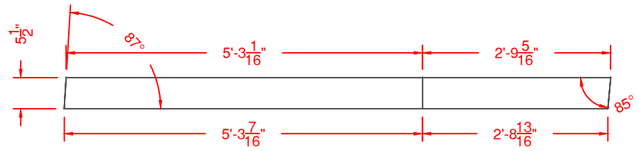
3 / 411 — SIDE VIEW SR MSD: DS FACING — 1/2"=1'-0"
1/2" SANDE-PLY FACING
FLUSH TO TOP OF STEEL FRAME
TEK SCREW SANDE-PLY TO STEEL FRAME
NC STAPLE TO LEG FACING AS NEEDED



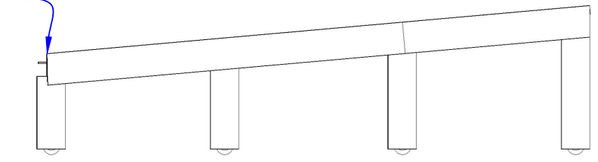
4 / 411 — C MSD: DS FACING ELEVATION — 1/2"=1'-0"
1/2" SANDE-PLY FACING



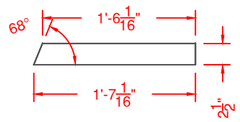
5 / 411 — SIDE VIEW C MSD: DS FACING ASSEMBLY — 1/2"=1'-0"
TEK SCREW SANDE-PLY TO STEEL
FLUSH TO TOP OF FRAME
NC STAPLE TO LEG FACING AS NEEDED



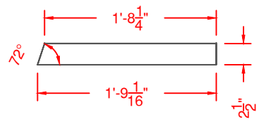
6 / 411 — SL MSD: DS FACING ELEVATION — 1/2"=1'-0"
1/2" SANDE-PLY FACING



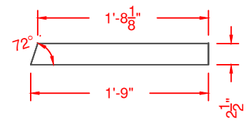
7 / 411 — SIDE VIEW C MSD: DS FACING — 1/2"=1'-0"
TEK SCREW SANDE-PLY TO STEEL
FLUSH TO TOP OF FRAME
NC STAPLE TO LEG FACING AS NEEDED



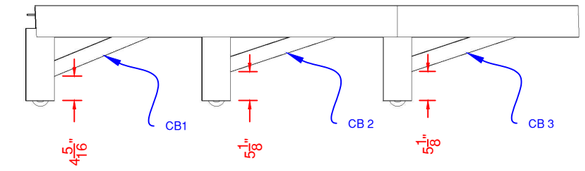
8 / 411 — C MSD: BRACE 1 (CB1) — 3/4"=1'-0"
1/2" SANDE-PLY



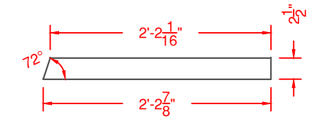
9 / 411 — C MSD: BRACE 2 (CB2) — 3/4"=1'-0"
1/2" SANDE-PLY



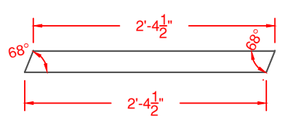
10 / 411 — C MSD: BRACE 3 (CB3) — 3/4"=1'-0"
1/2" SANDE-PLY



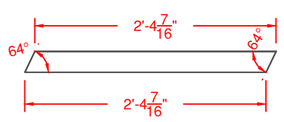
11 / 411 — SIDE VIEW C MSD: BRACING ASSEMBLY — 1/2"=1'-0"
GLUE AND NC STAPLE AT TOP
TOP OF BRACES FIT BEHIND FACING
BOTTOM WILL NEED A NAILING STRIP TO ATTACH TO LEG FACING
GLUE & STAPLE NAIL STRIP IN PLACE AS NEEDED



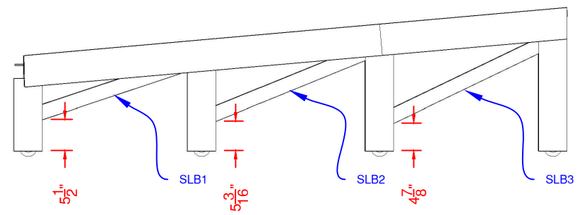
12 / 411 — SL MSD: BRACE 1 (SLB1) — 3/4"=1'-0"
1/2" SANDE-PLY



13 / 411 — SL MSD: BRACE 2 (SLB2) — 3/4"=1'-0"
1/2" SANDE-PLY



14 / 411 — SL MSD: BRACE 3 (SLB3) — 3/4"=1'-0"
1/2" SANDE-PLY



15 / 411 — SIDE VIEW SL MSD: BRACING ASSEMBLY — 1/2"=1'-0"
GLUE AND NC STAPLE AT TOP
TOP OF BRACES FIT BEHIND FACING
BOTTOM WILL NEED A NAILING STRIP TO ATTACH TO LEG FACING
GLUE & STAPLE NAIL STRIP IN PLACE AS NEEDED
SLB3 NEEDS NAIL STRIP AT TOP AS WELL

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

FACING ASSY.

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/7/18
	100 midstage dock.dwg
REV 1:	REV 2:

BUILD TIME

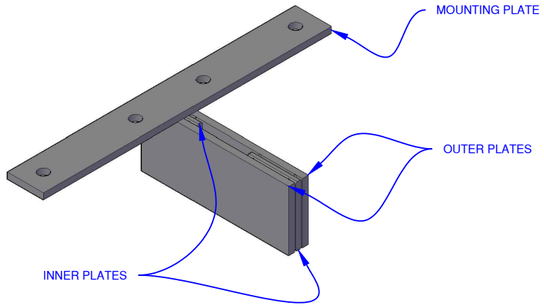
DAY	TIME

MATERIALS USED

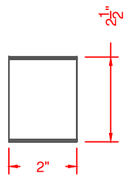
MATERIAL	QUANTITY

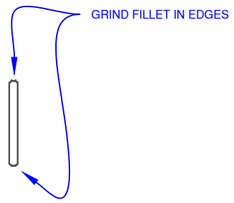
SCALE: AS NOTED

BR-411

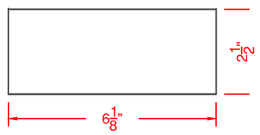


1 / 412 — MSD KNIFE KEEPER ASSEMBLY ISO — NTS
MAKE 2

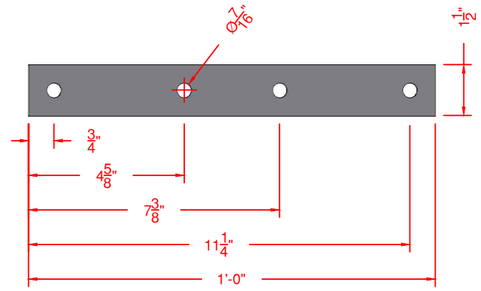




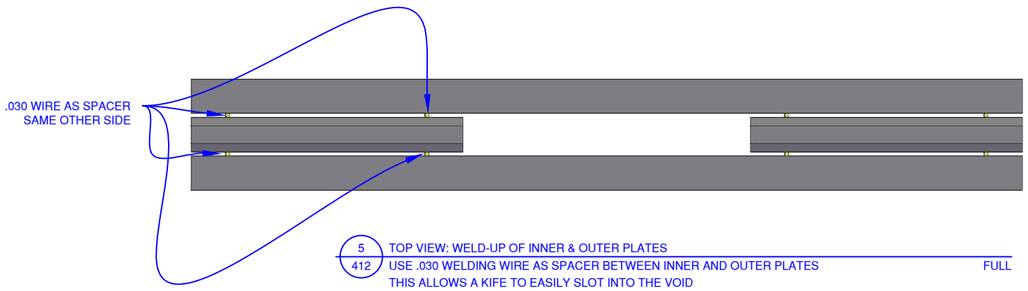
2 / 412 — FRONT: INNER PLATE — SIDE VIEW — 3"=1'-0"
2"X1/4" FLAT BAR
MAKE 4
GRIND FILLET IN TOP AND BOTTOM EDGES FOR BETTER WELDING
USE SCRAP FIRST



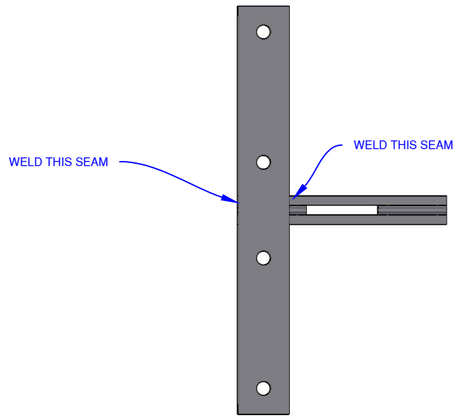
3 / 412 — OUTER PLATE CONSTRUCTION — 3"=1'-0"
2.5"X1/4" FLAT BAR
MAKE 4
USE SCRAP FIRST

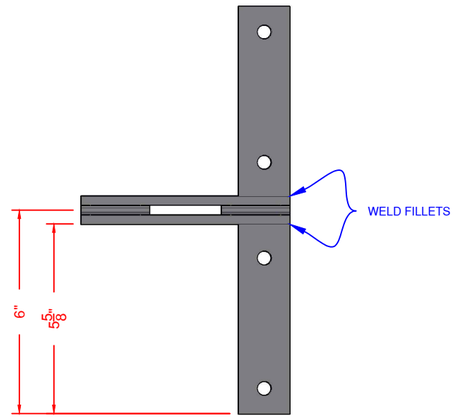


4 / 412 — OUTER PLATE CONSTRUCTION — 3"=1'-0"
1.5"X1/4" FLAT BAR
MAKE 2
USE SCRAP FIRST

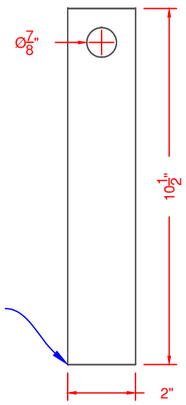


5 / 412 — TOP VIEW: WELD-UP OF INNER & OUTER PLATES — FULL
USE .030 WELDING WIRE AS SPACER BETWEEN INNER AND OUTER PLATES
THIS ALLOWS A KIFE TO EASILY SLOT INTO THE VOID
WELD: TOP, BOTTOM, & ENDS (DO NOT GET WELD IN CENTER VOID)
GRIND DOWN TOP LEFT WELD FOR MOUNTING PLATE
MAKE 2





6 / 412 — TOP VIEW: WELD-UP OF MOUNTING PLATE — BOTTOM VIEW — 3"=1'-0"
WELD AS NOTED



7 / 412 — KNIFE — 3"=1'-0"
2"X1/4" FLAT BAR
MAKE 2
USE SCRAP FIRST
USE STEP BIT FOR FINGER HOLE (DEBURR AFTER)
POLISH WITH FLAP DISK

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

KNIFE KEEPERS

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/9/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

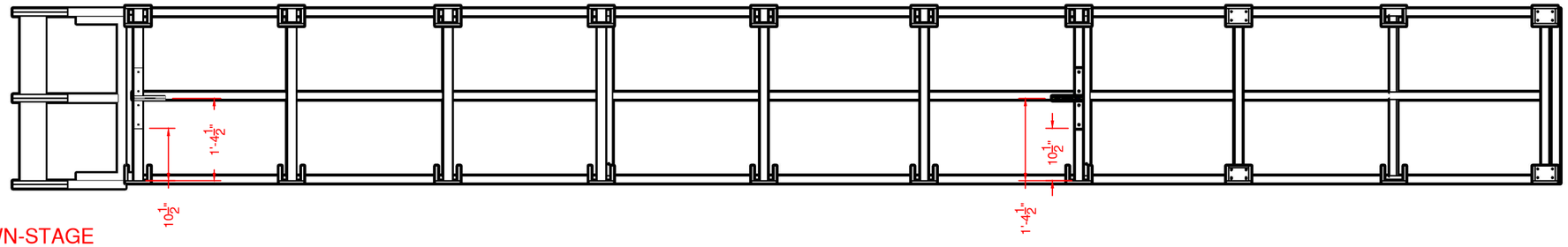
BR-412

UP-STAGE

SL DOCK

C DOCK

SR DOCK



DOWN-STAGE

1
413 BOTTOM VIEW: MSD KNIFE KEEPER PLACEMENT

CLAMP KEEPERS IN PLACE 1/2"=1'-0"

DOUBLE CHECK ALIGNMENT THEN MARK HOLES WITH 7/16" CENTER PUNCH

DRILL 7/16" HOLES

USE 3/8" GR.5 HEX BOLTS, WASHERS, & LOCK-NUTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018

351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

MID-STAGE DOCK

KEEPER INSTALL

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/14/19
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

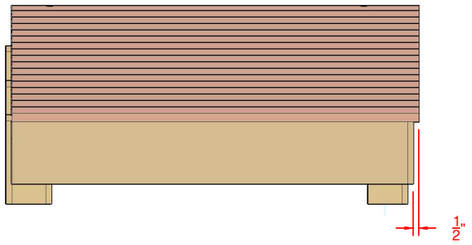
DAY	TIME

MATERIALS USED

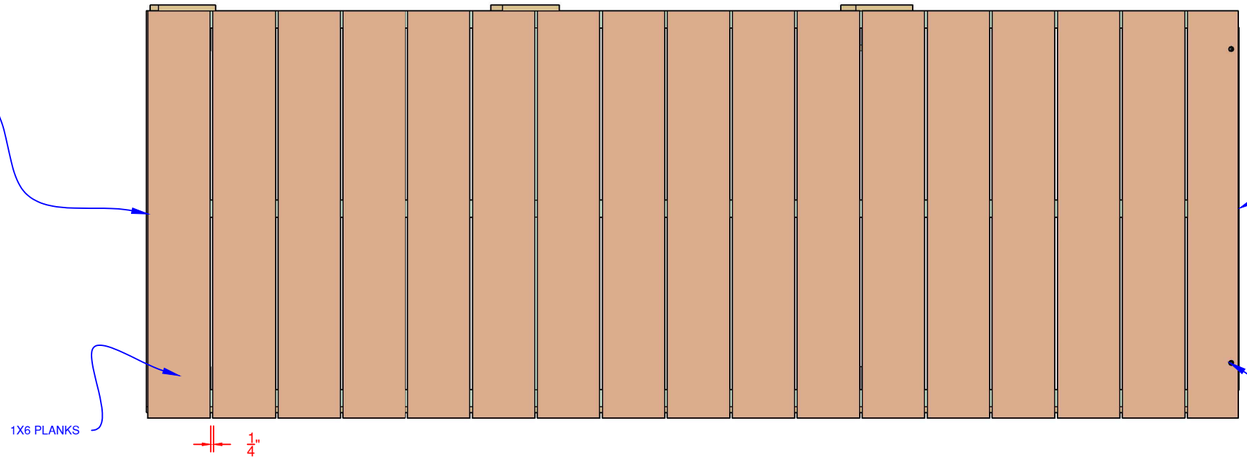
MATERIAL	QUANTITY

SCALE: 1/2"=1'-0"

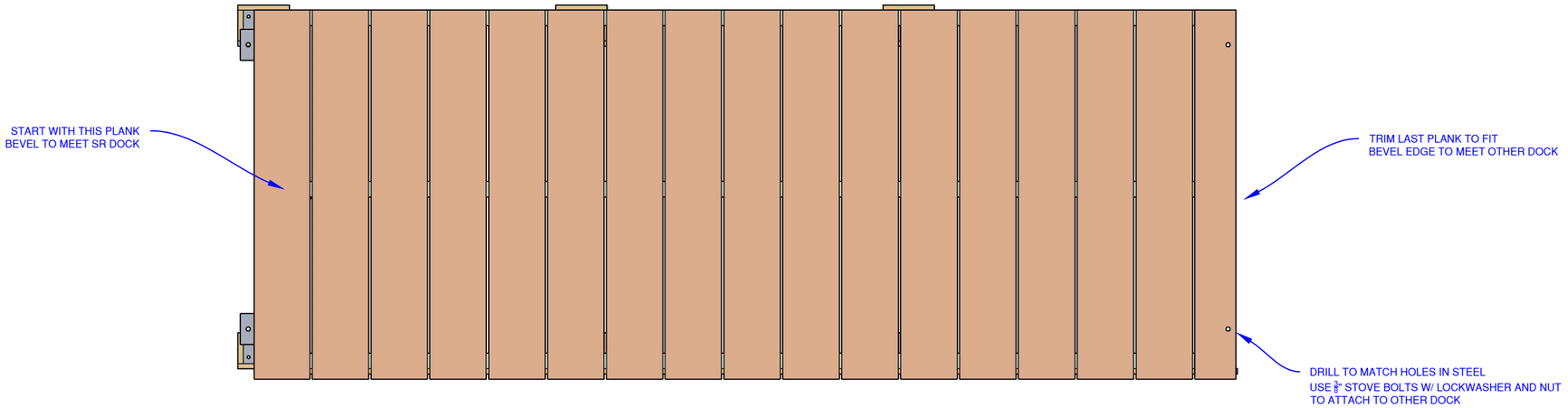
BR-413



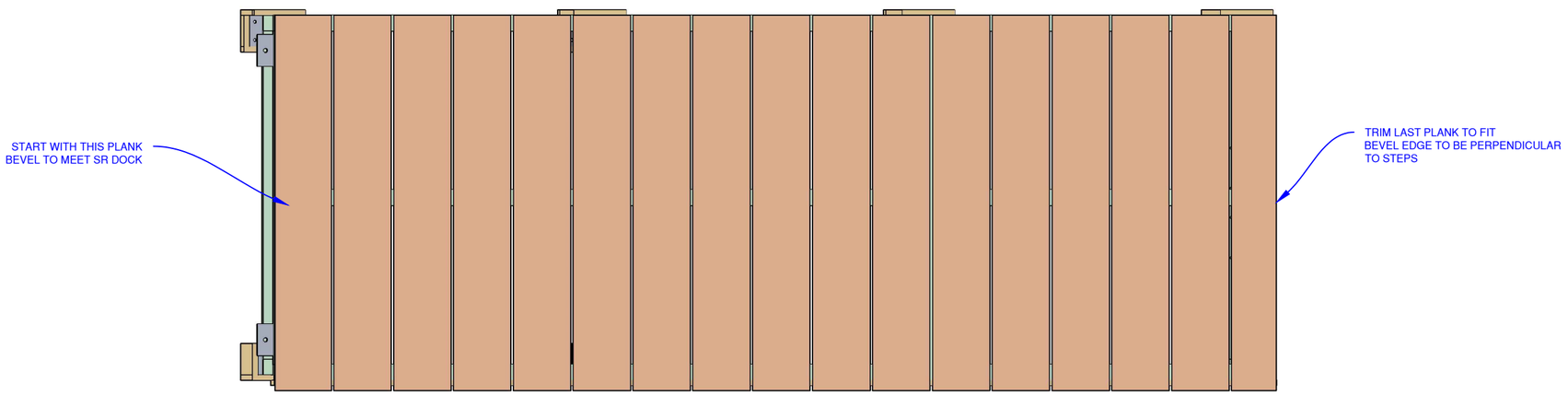
1 414 FRONT VIEW SR MSD - 1X6 OVERHANG
1/2" OVERHANG TYPICAL OF ALL MID-STAGE DOCKS 1"=1'-0"



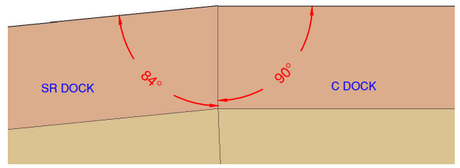
2 414 TOP VIEW SR MSD - 1X6 LAYOUT
TEK SCREW TO STEEL 1"=1'-0"



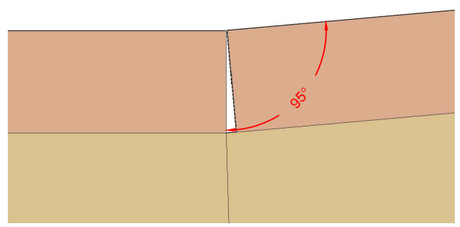
3 414 TOP VIEW C MSD - 1X6 LAYOUT
TEK SCREW TO STEEL 1"=1'-0"



4 414 TOP VIEW C MSD - 1X6 LAYOUT
TEK SCREW TO STEEL 1"=1'-0"



5 414 DETAIL SR DOCK CONNECTION TO C DOCK
FULL



6 414 DETAIL C DOCK CONNECTION TO SL DOCK
FULL

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018

351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

Mid-stage Dock

PLANK LAYOUT

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	TKF
INVENTORY CODE:	BR - MSD
DATE:	5/9/18
FILE:	400 midstage dock.dwg
REV 1:	
REV 2:	

BUILD TIME

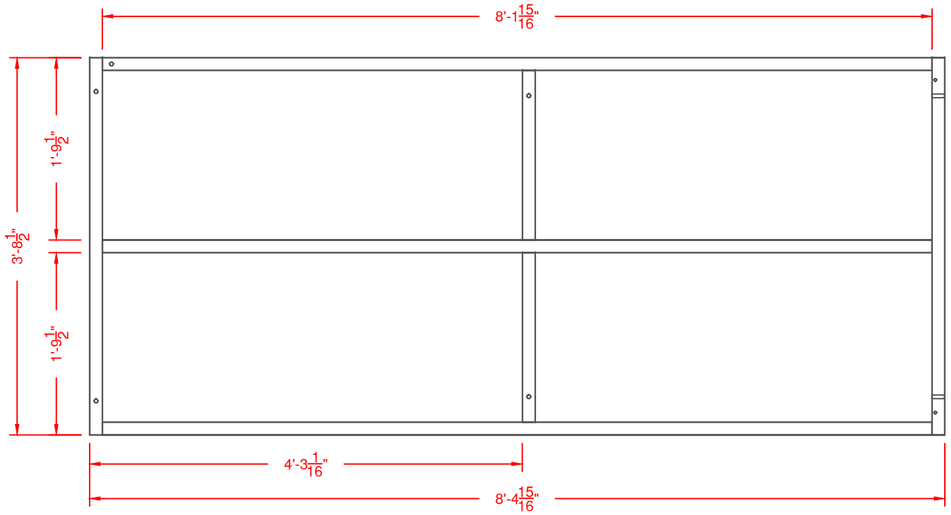
DAY	TIME

MATERIALS USED

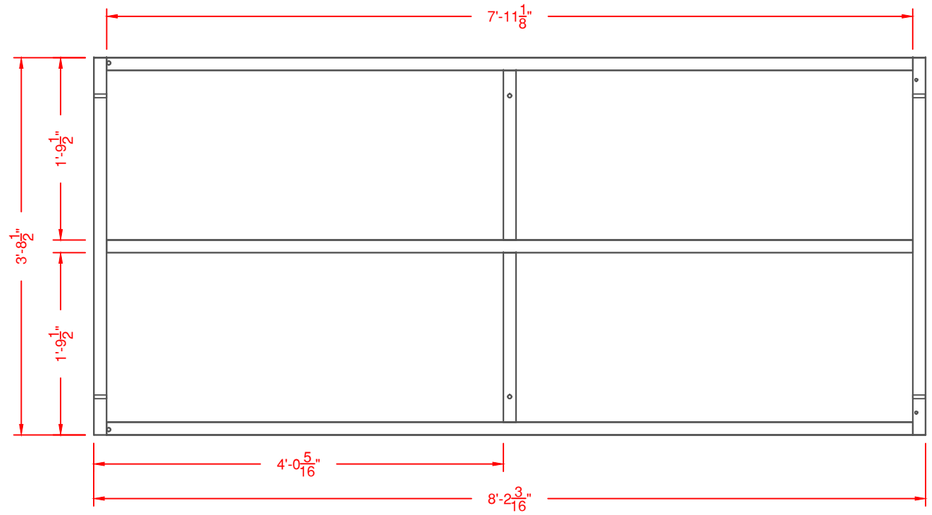
MATERIAL	QUANTITY

SCALE: AS NOTED

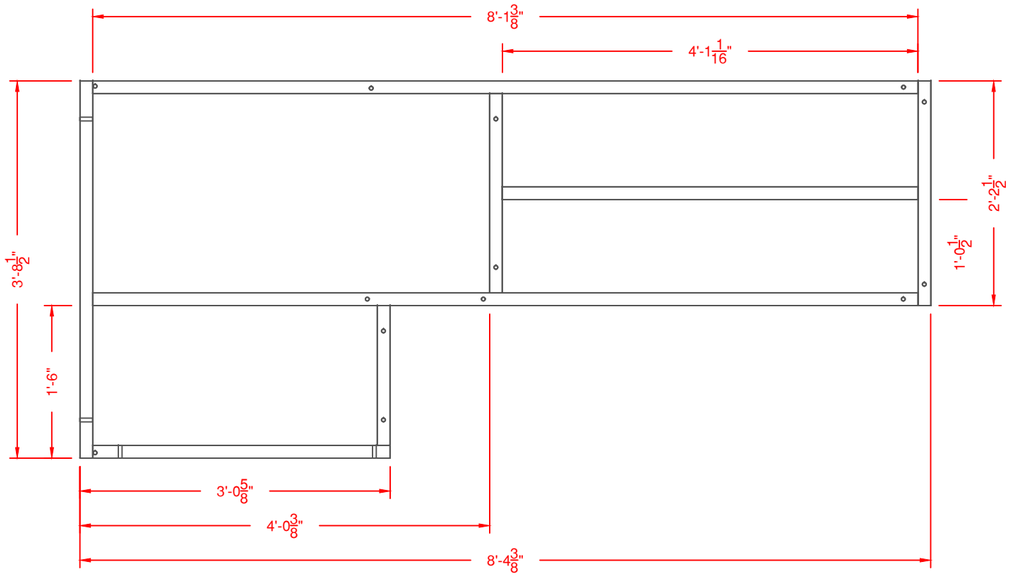
BR-414



1 501 TOP VIEW SR UPPER PLATFORM
1.5"X.065" SQ TUBE FRAME
WELD THREE SIDES
3/4"=1'-0"



2 501 TOP VIEW C UPPER PLATFORM
1.5"X.065" SQ TUBE FRAME
WELD THREE SIDES
3/4"=1'-0"



3 501 TOP VIEW SL UPPER PLATFORM
1.5"X.065" SQ TUBE FRAME
WELD THREE SIDES
3/4"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

UPPER PLATFORMS

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/7/18
FILE:	BR-500 USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

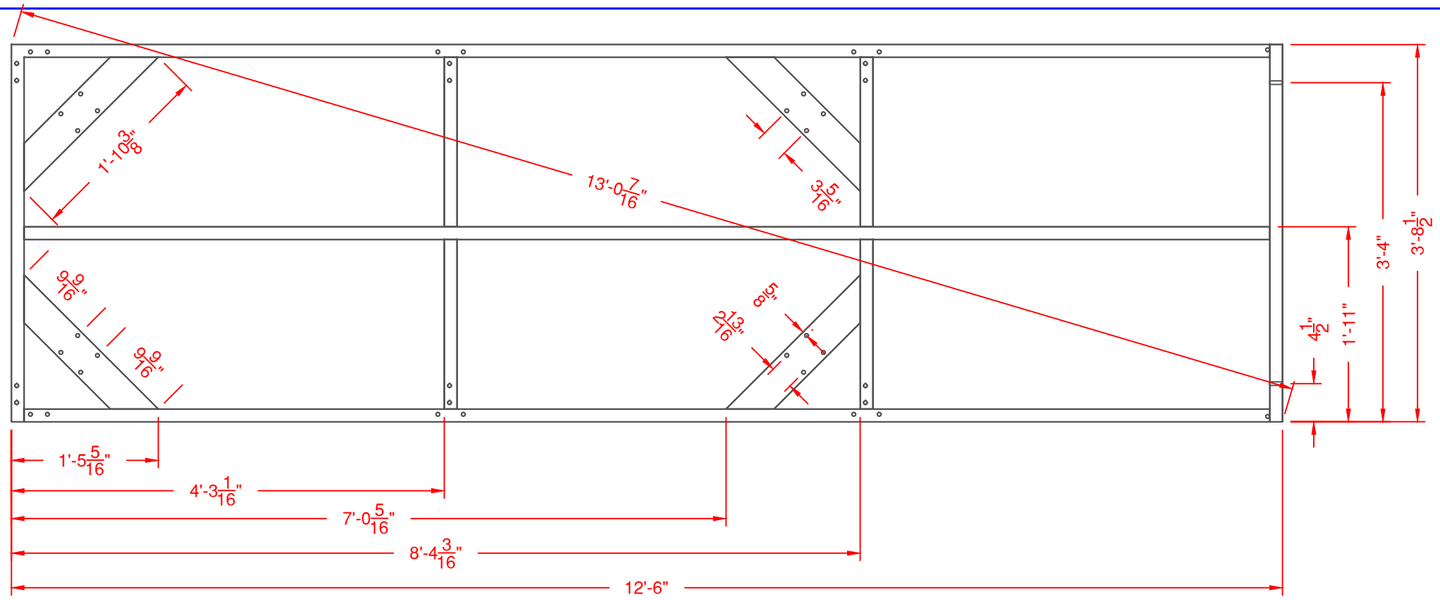
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-501



1 / 502 TOP VIEW: SR LOWER PLATFORM - TOP FRAME

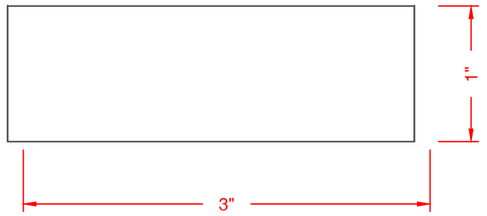
1.5"X.065" SQ TUBE FRAME 3/4"=1'-0"

4"X.25" FLAT BAR CASTER PLATES (USE SCRAP 1ST)

HOLES ARE 7/16" & CENTERED

WELD 3 SIDES

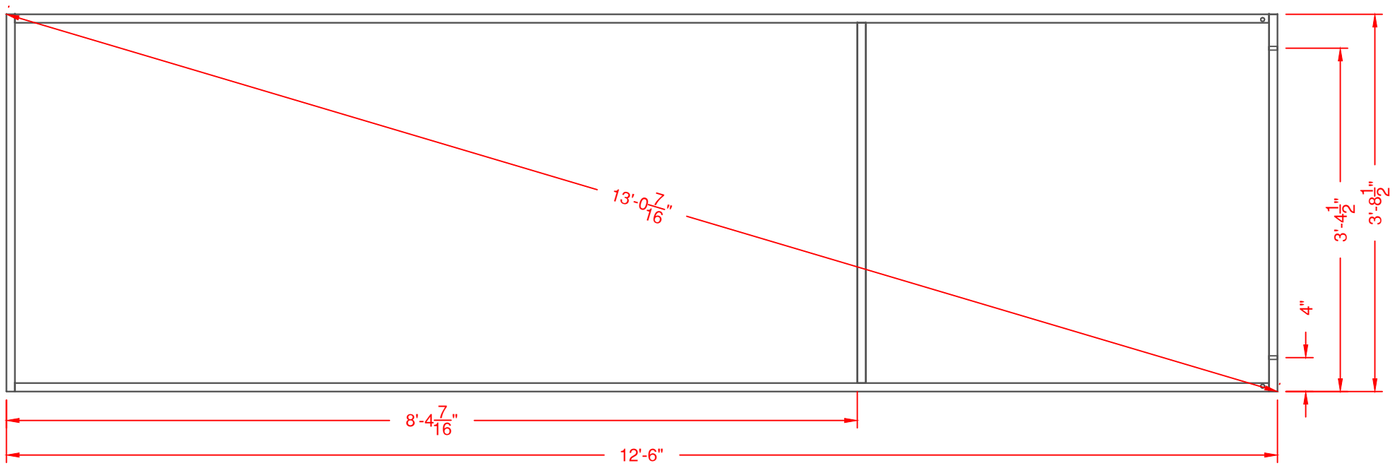
GRIND TOP FOR PLANK LID



3 / 502 TOP VIEW: TRUSS PIECE

1"X1.5"X.065" REC. TUBE FULL

MAKE 21



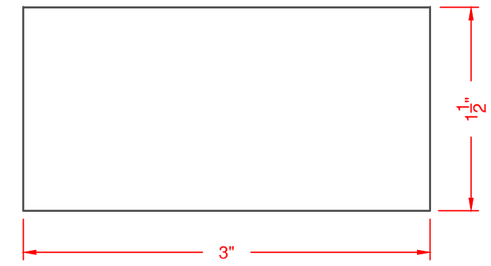
2 / 502 TOP VIEW: SR LOWER PLATFORM - BOTTOM FRAME

1"X.065" SQ TUBE FRAME 3/4"=1'-0"

HOLES ARE 7/16" & CENTERED

WELD 3 SIDES

GRIND TOP FOR TRUSS PIECES



4 / 502 FRONT VIEW: TRUSS PIECE

1"X1.5"X.065" REC. TUBE FULL

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SR LOWER PLAT. FRAMES

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/18/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

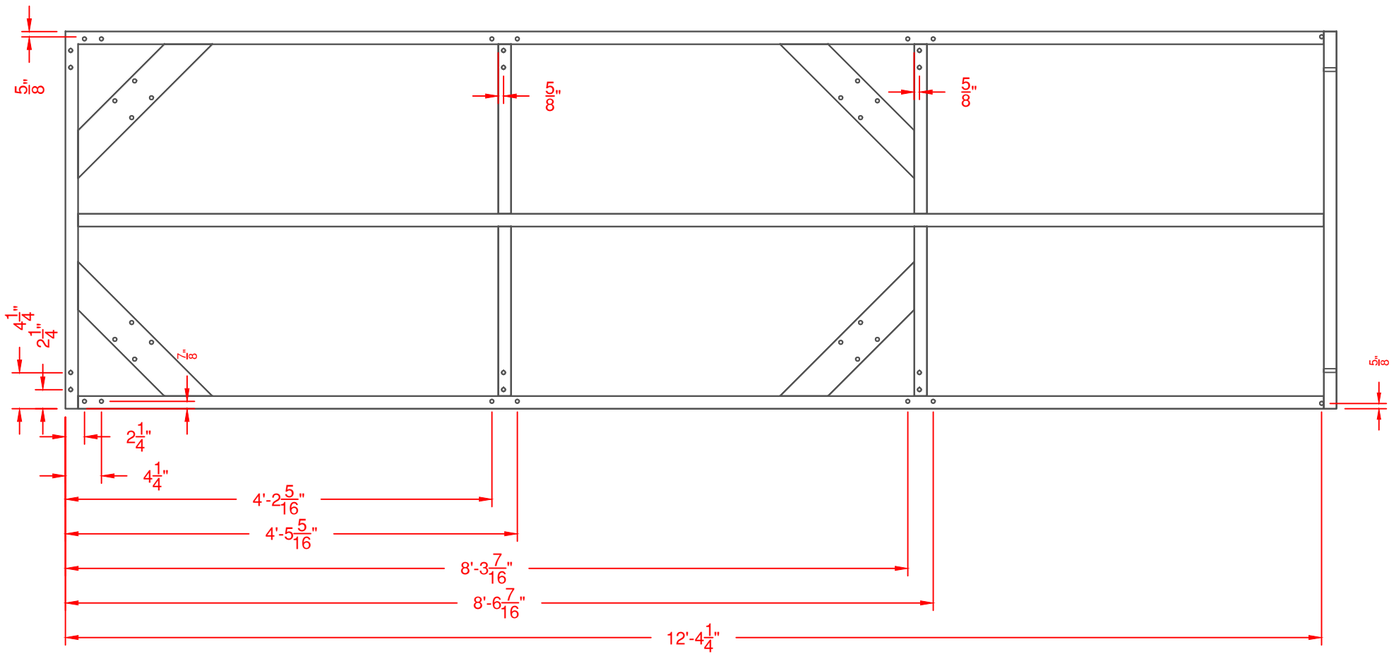
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-502

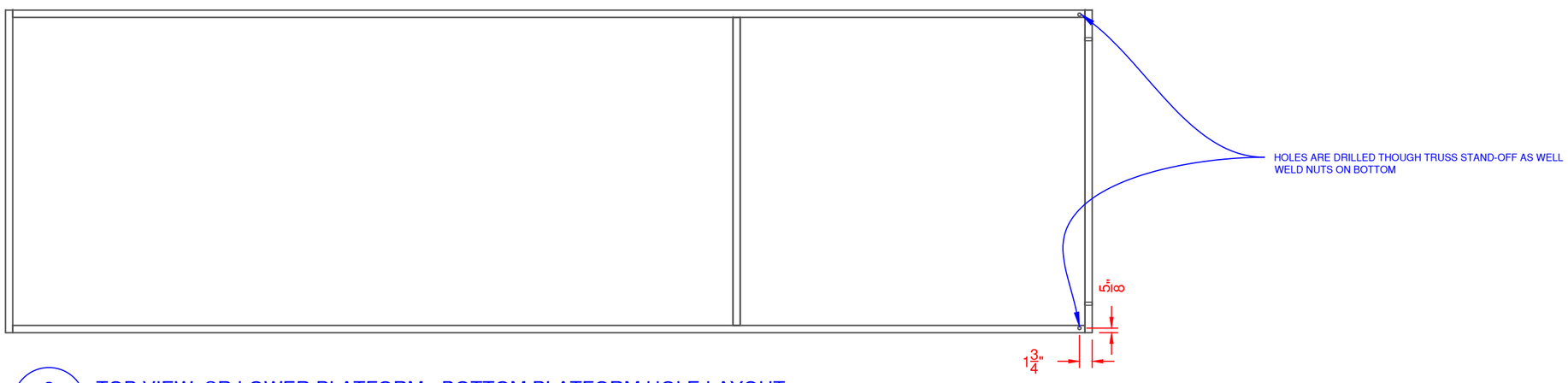


1 / 503 TOP VIEW: SR LOWER PLATFORM - TOP PLATFORM HOLE LAYOUT

7/16" HOLES

3/4"=1'-0"

MOST HOLES ARE OFFSET FROM CENTER OF FRAME
CHECK ALL DIMENSIONS BEFORE DRILLING
BE SURE TO PUNCH STEEL SO HOLES ARE ACCURATE
HOLES ARE MIRRORED ON OTHER SIDE



2 / 503 TOP VIEW: SR LOWER PLATFORM - BOTTOM PLATFORM HOLE LAYOUT

7/16" HOLES

3/4"=1'-0"

MOST HOLES ARE OFFSET FROM CENTER OF FRAME
CHECK ALL DIMENSIONS BEFORE DRILLING
BE SURE TO PUNCH STEEL SO HOLES ARE ACCURATE
HOLES ARE MIRRORED ON OTHER SIDE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

HOLE LAYOUT

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/21/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

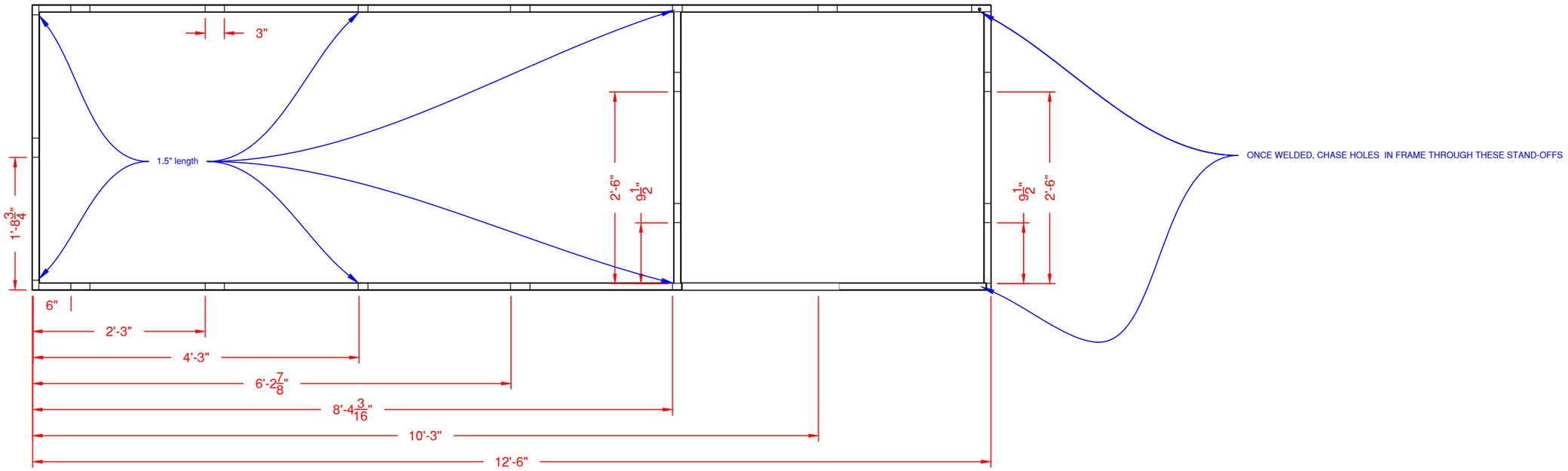
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

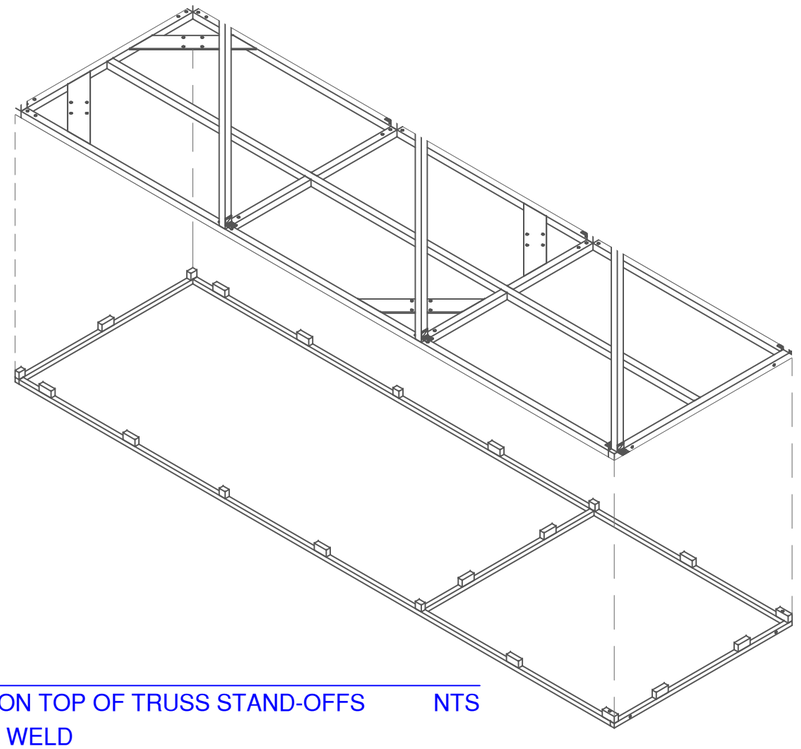
BR-503



1/504 TOP VIEW: SR LOWER BOTTOM PLATFORM TRUSS LAYOUT

1"X1.5" REC TUBE WELDED TO TOP OF BOTTOM PLATFORM CREATES 1.5" STAND-OFF TO ATTACH TOP PLATFORM TO WELD SIDES (GRIND OUTSIDE EDGE)

3/4"=1'-0"



2/504 ASSEMBLY

LAYOUT TOP FAME ON TOP OF TRUSS STAND-OFFS

SQUARE UP & TACK WELD

WELD SIDES (GRIND OUTSIDE)

NTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018

351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SR LOWER PLAT ASSEMBLY

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/18/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	5/21/18
REV 2:	

BUILD TIME

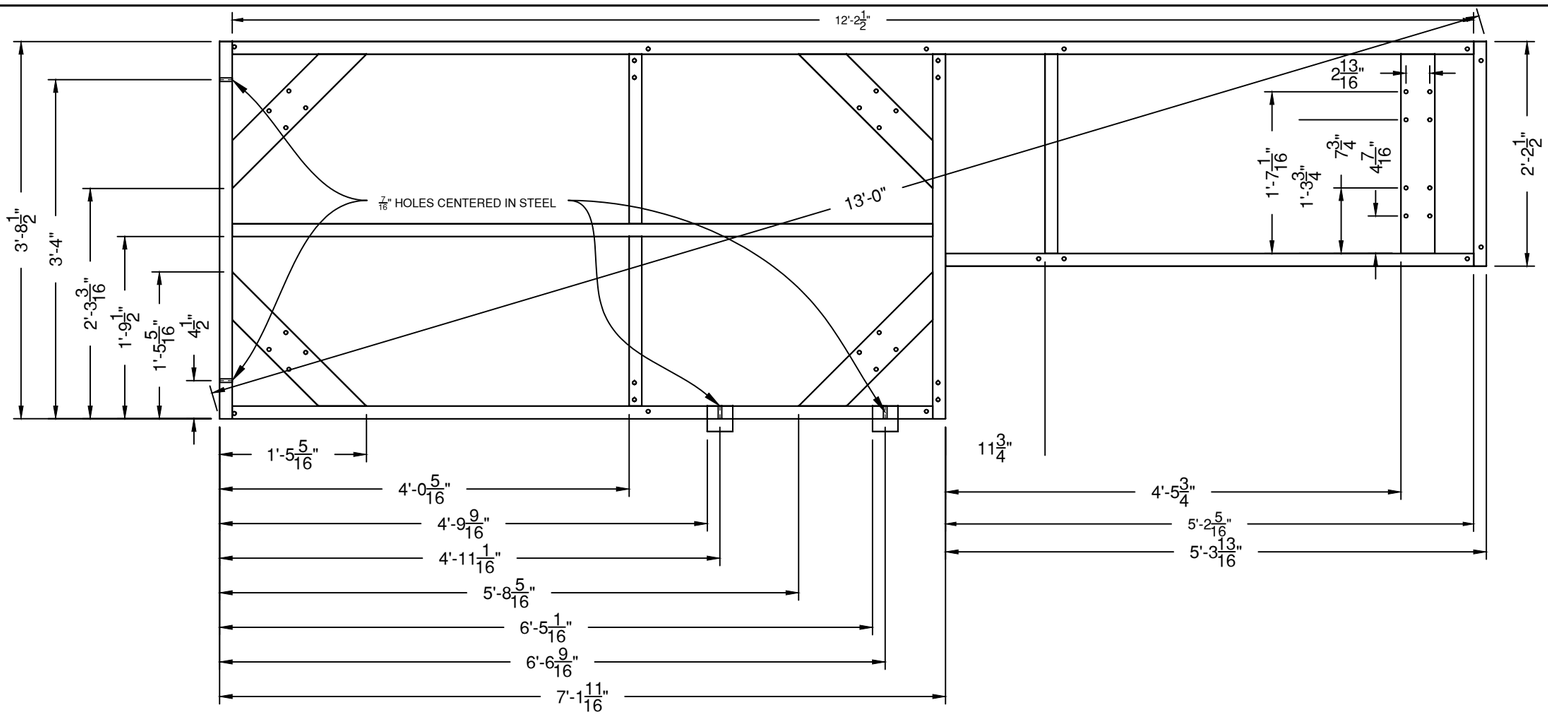
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-504



1 / 505 TOP VIEW: SL LOWER PLATFORM - TOP FRAME

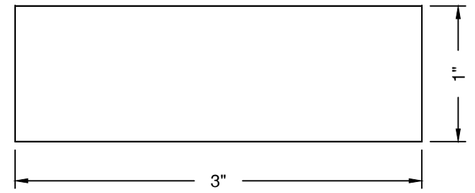
1.5"X.065" SQ TUBE FRAME - WELD 3 SIDES 3/4"=1'-0"

4"X.25" FLAT BAR CASTER PLATES (USE SCRAP 1ST)

HOLES IN SIDES OF STEEL ARE 7/16" & CENTERED (HOLES IN FACE NOTED ELSEWHERE)

3"X3/16" FLAT BAR TABS (3"X3") WELDED ON BOTTOM & INSIDE EDGES

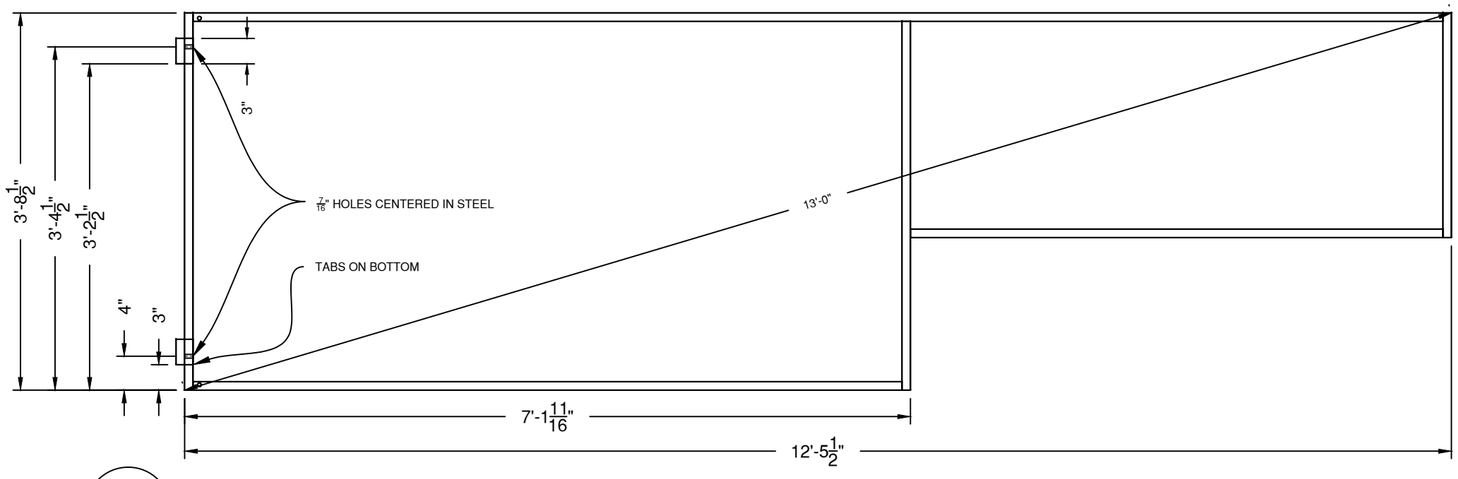
GRIND TOP OF FRAME FOR PLANK LID



3 / 505 TOP VIEW: TRUSS PIECE

1"X1.5"X.065" REC. TUBE FULL

MAKE 18



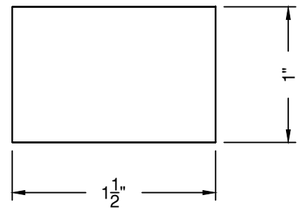
2 / 505 TOP VIEW: SL LOWER PLATFORM - BOTTOM FRAME

1"X.065" SQ TUBE FRAME (WELD 3 SIDES) 3/4"=1'-0"

HOLES ON SIDE ARE 7/16" & CENTERED

2"X3/16" FLAT BAR TABS (2"X3") WELDED ON BOTTOM AND INSIDE EDGES

GRIND TOP FOR TRUSS PIECES



4 / 505 TOP VIEW: SMALL TRUSS PIECE

1"X1.5"X.065" REC. TUBE FULL

MAKE 4

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SL LOWER PLAT: FRAMES

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	5/18/18	FILE:	BR-500-USL DOCK.DWG
REV 1:	5/22/18	REV 2:	

BUILD TIME

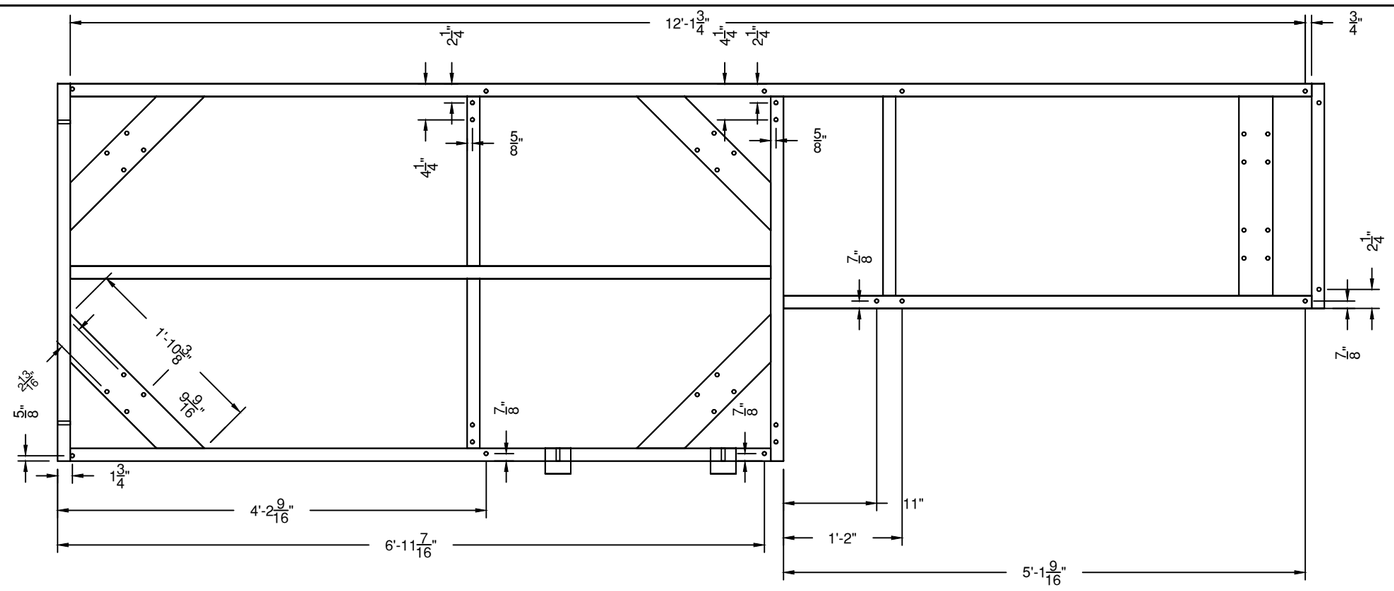
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-505



1/506 TOP VIEW: SL LOWER PLATFORM - TOP FRAME HOLE LAYOUT

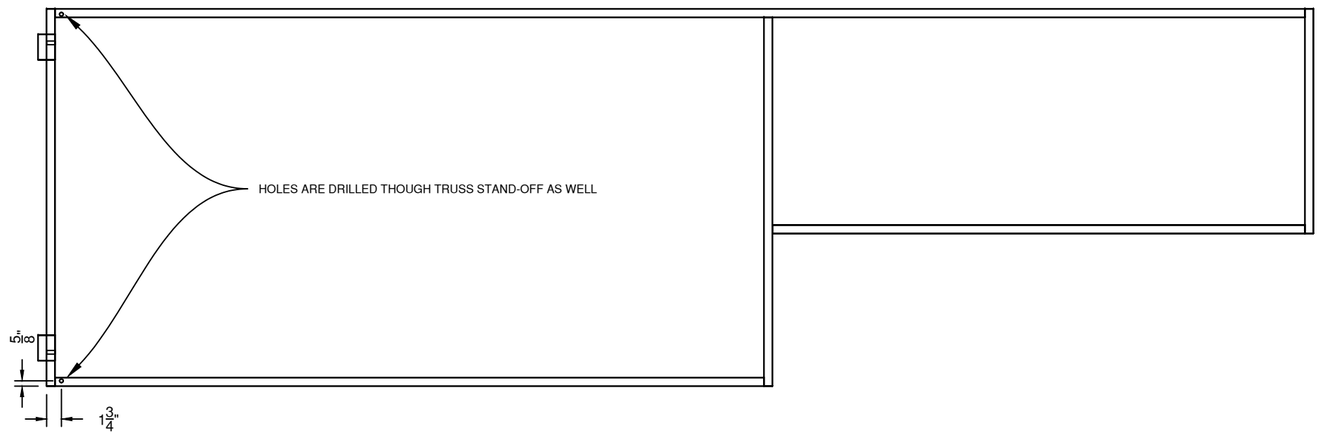
7/16" HOLES 3/4"=1'-0"

MOST HOLES ARE OFFSET FROM CENTER OF FRAME

CHECK ALL DIMENSIONS BEFORE DRILLING

BE SURE TO PUNCH STEEL SO HOLES ARE ACCURATE

HOLES ARE MIRRORED



2/506 TOP VIEW: SL LOWER PLATFORM - BOTTOM FRAME HOLE LAYOUT

7/16" HOLES 3/4"=1'-0"

MOST HOLES ARE OFFSET FROM CENTER OF FRAME

CHECK ALL DIMENSIONS BEFORE DRILLING

BE SURE TO PUNCH STEEL SO HOLES ARE ACCURATE

HOLES ARE MIRRORED ON OTHER SIDE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SL LOWER PLAT: FRAMES

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/21/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

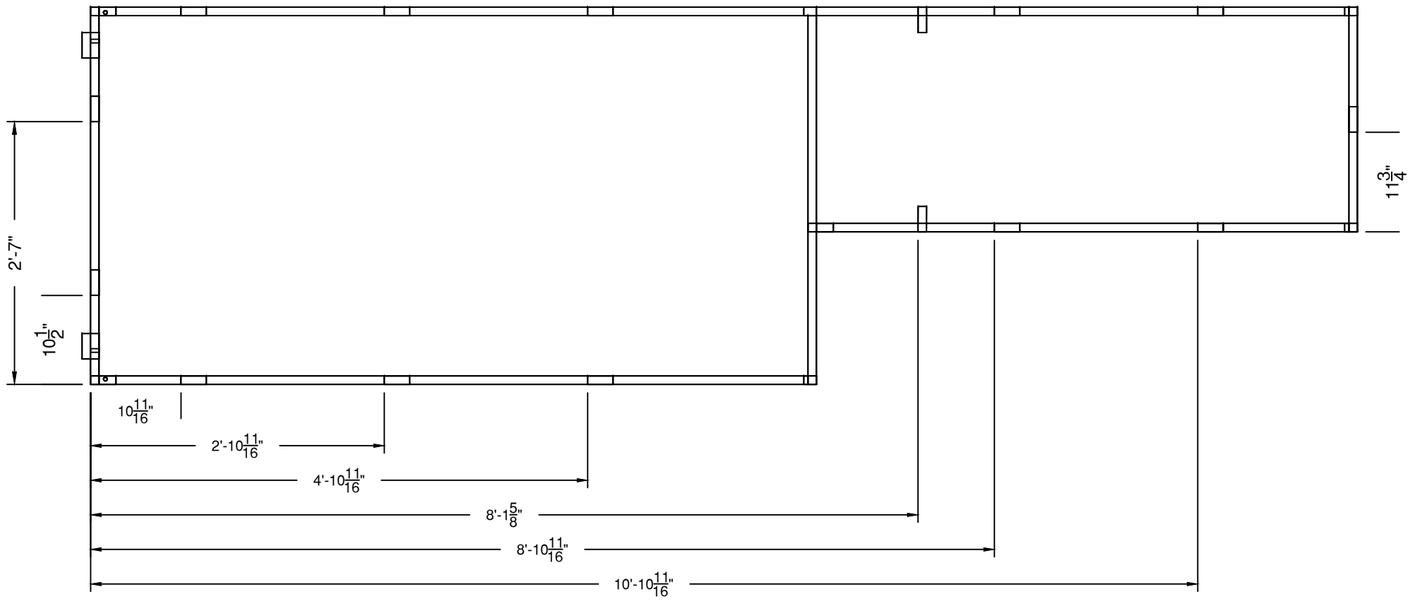
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

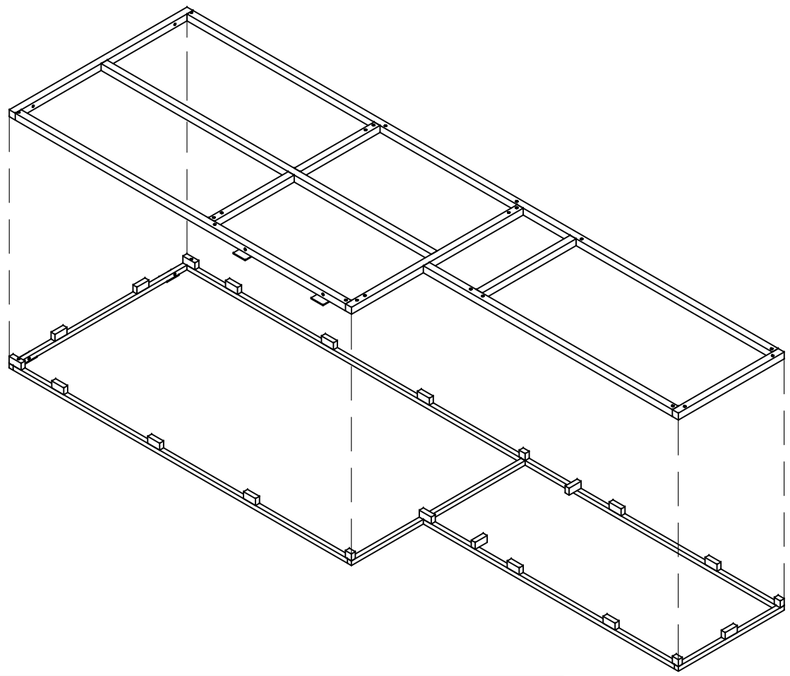
BR-506



1 / 507 TOP VIEW: SL LOWER BOTTOM FRAME TRUSS LAYOUT

1"X1.5" REC TUBE WELDED TO TOP OF BOTTOM PLATFORM
CREATES 1.5" STAND-OFF TO ATTACH TOP PLATFORM TO
WELD SIDES (GRIND OUTSIDE EDGE)

3/4"=1'-0"



2 / 507 ASSEMBLY

LAYOUT TOP FAME ON TOP OF TRUSS STAND-OFFS
SQUARE UP & TACK WELD
WELD SIDES (GRIND OUTSIDE)

NTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SL LOWER PLAT ASSEMBLY

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	5/18/18	FILE:	BR-500-USL DOCK.DWG
REV 1:	5/22/18	REV 2:	

BUILD TIME

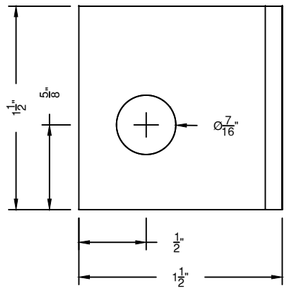
DAY	TIME

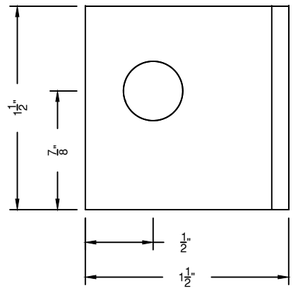
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-507





1 / 508 ANGLE TAB #3

1/8"x1.5" ANGLE FULL

USE DRILL PRESS TO DRILL HOLES

BUILD 4

2 / 508 ANGLE TAB #4

1/8"x1.5" ANGLE FULL

USE DRILL PRESS TO DRILL HOLES

BUILD 4

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

ANGLE TABS FOR LEG GATES

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/22/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

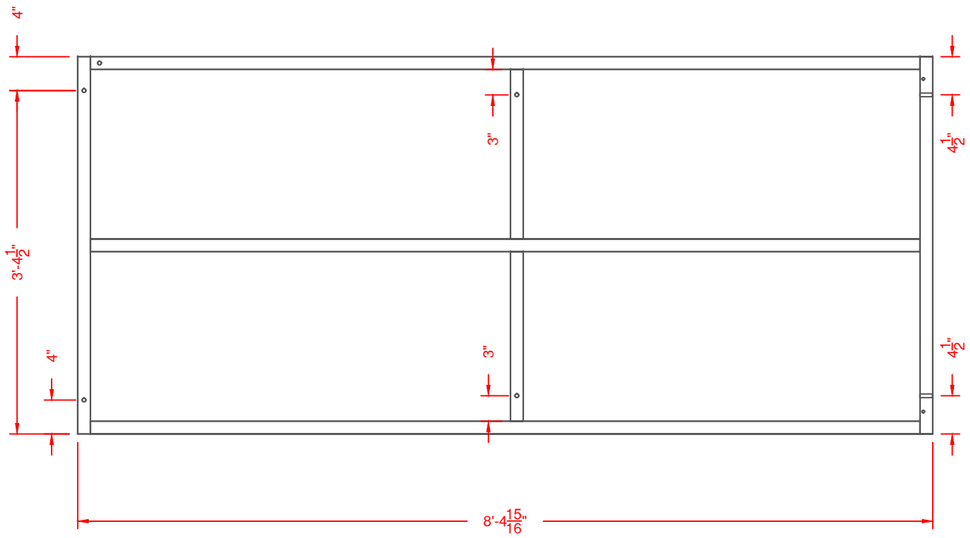
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

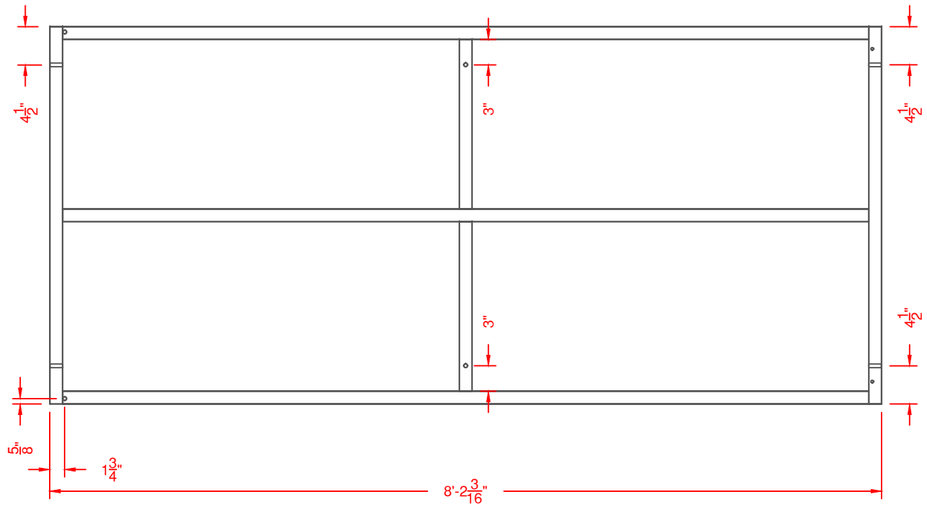
BR-508



1 / 509 TOP VIEW SR UPPER PLATFORM

7/16" HOLES 3/4"=1'-0"

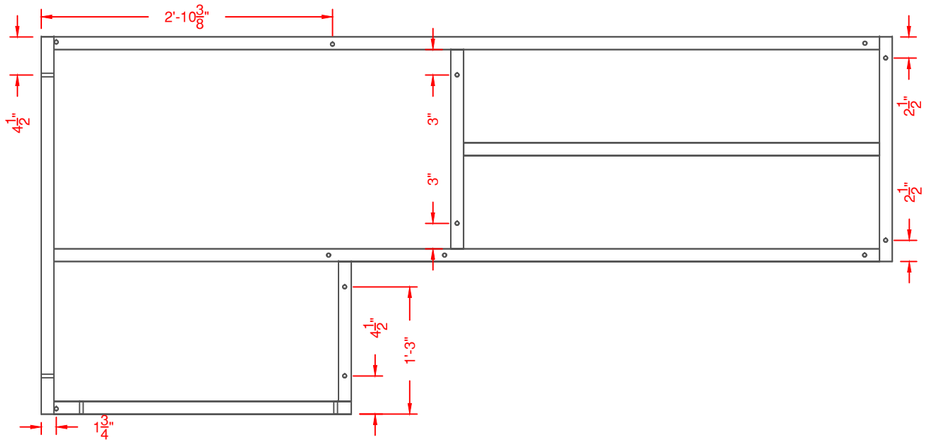
HOLED CENTERED IN FACE OF STEEL



2 / 509 TOP VIEW C UPPER PLATFORM

7/16" HOLES 3/4"=1'-0"

HOLES CENTERED ON FACE UNLESS OTHERWISE NOTED



3 / 509 TOP VIEW SL UPPER PLATFORM

7/16" HOLES 3/4"=1'-0"

HOLES CENTERED ON FACE UNLESS OTHERWISE NOTED

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

UP PLATS HOLE LAYOUT

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/23/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

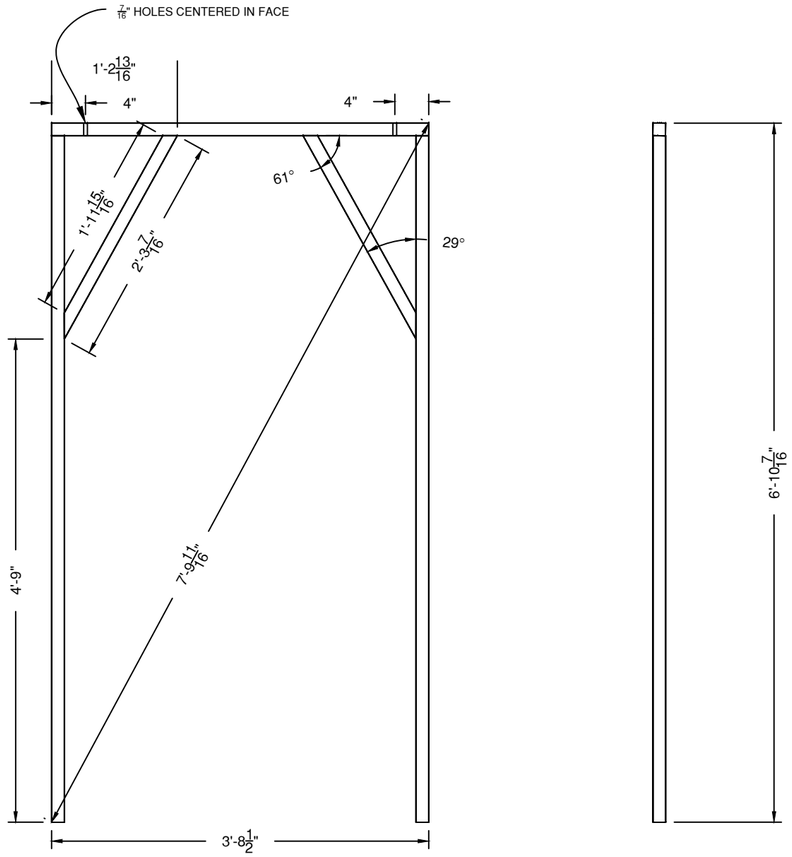
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-509



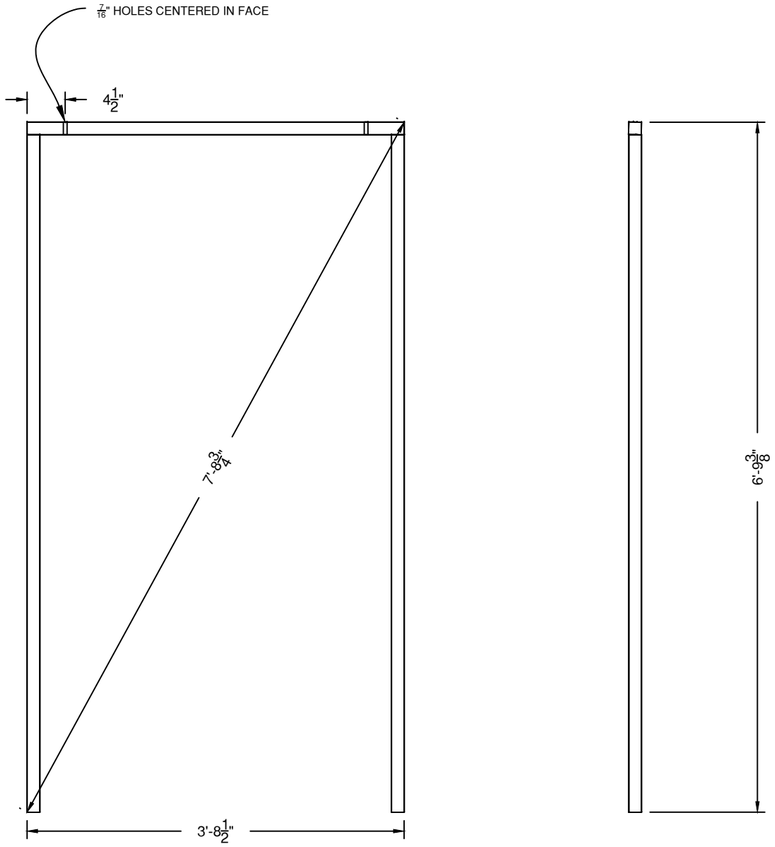
1 / 510 FRONT VIEW & SIDE: GATE 1

1.5"x.065 SQ TUBE CONST. 3/4"=1'-0"

BULD 2 (1 for ULD)

WELD 2 SIDES (FILLETS AND/OR FACES)

NO NEED TO GRIND



2 / 510 FRONT VIEW & SIDE: GATE 2

1.5"x.065 SQ TUBE CONST. 3/4"=1'-0"

BULD 2 (1 for ULD)

WELD 2 SIDES (FILLETS AND/OR FACES)

NO NEED TO GRIND

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

URD & ULD GATES

LEG GATES 1 & 2

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD & ULD
DATE:	5/24/18	FILE:	BR-500-USL DOCK.DWG
REV 1:	5/28/18	REV 2:	

BUILD TIME

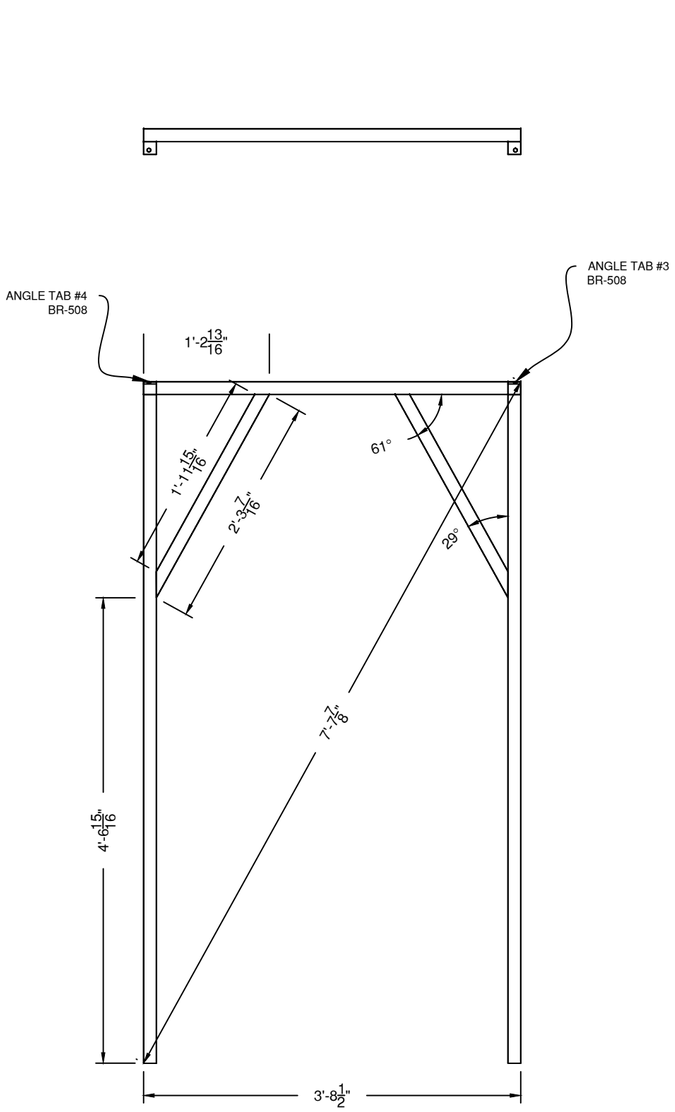
DAY	TIME

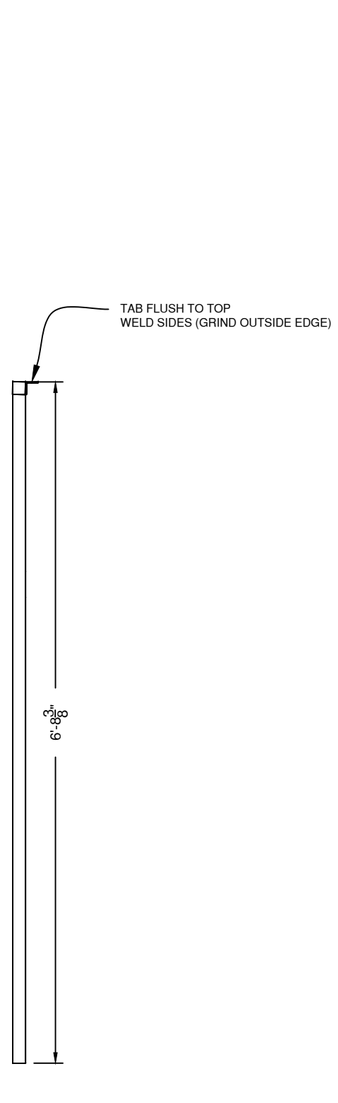
MATERIALS USED

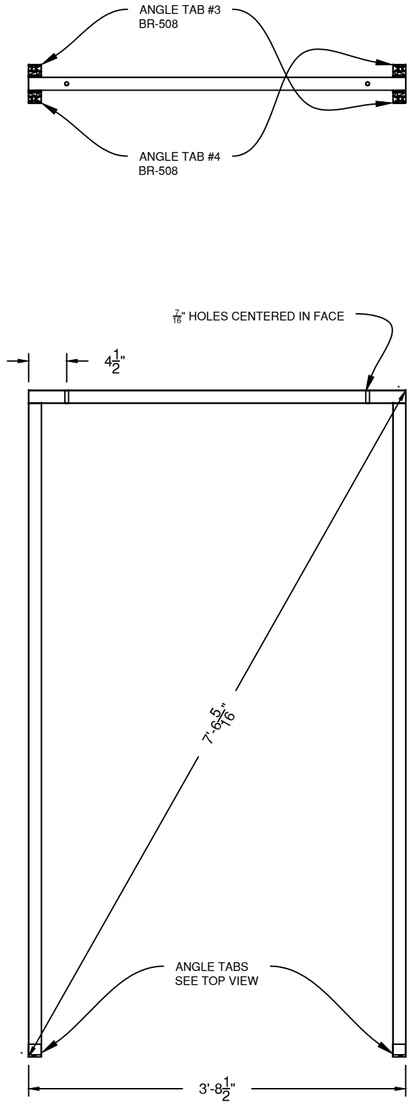
MATERIAL	QUANTITY

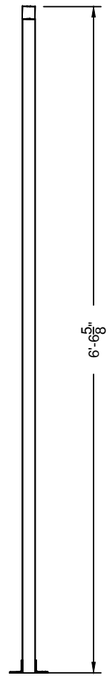
SCALE: 3/4"=1'-0"

BR-510









1 / 511 FRONT VIEW & SIDE: GATE 3 — 3/4"=1'-0"

1.5"x.065 SQ TUBE CONST.
BULD 2 (1 for ULD)
TABS FLUSH TO OUTSIDE EDGE
WELD 2 SIDES (FILLETS AND/OR FACES)

2 / 511 ORTHOGRAPHIC: GATE 4 — 3/4"=1'-0"

1.5"x.065 SQ TUBE CONST.
BULD 2 (1 for ULD)
TABS FROM BR-508
WELD 2 SIDES (FILLETS AND/OR FACES)
ANGLE TABS PLACED SO HOLES ARE ORIENTED TO OUTSIDE EDGE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

LEG GATES 3 & 4

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	5/24/18	FILE:	BR-500-USL DOCK.DWG
REV 1:	5/29/18	REV 2:	

BUILD TIME

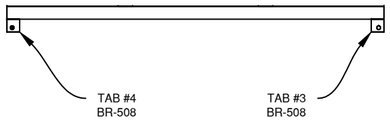
DAY	TIME

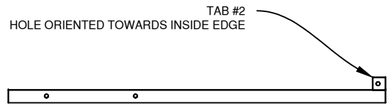
MATERIALS USED

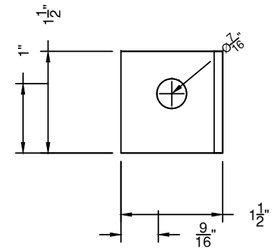
MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

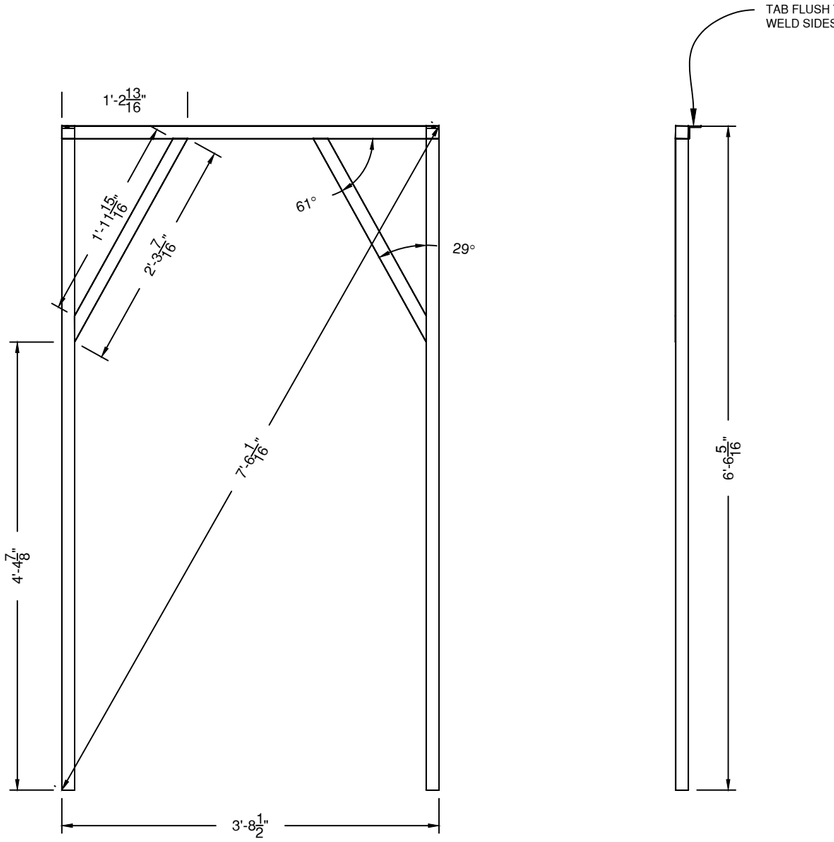
BR-511



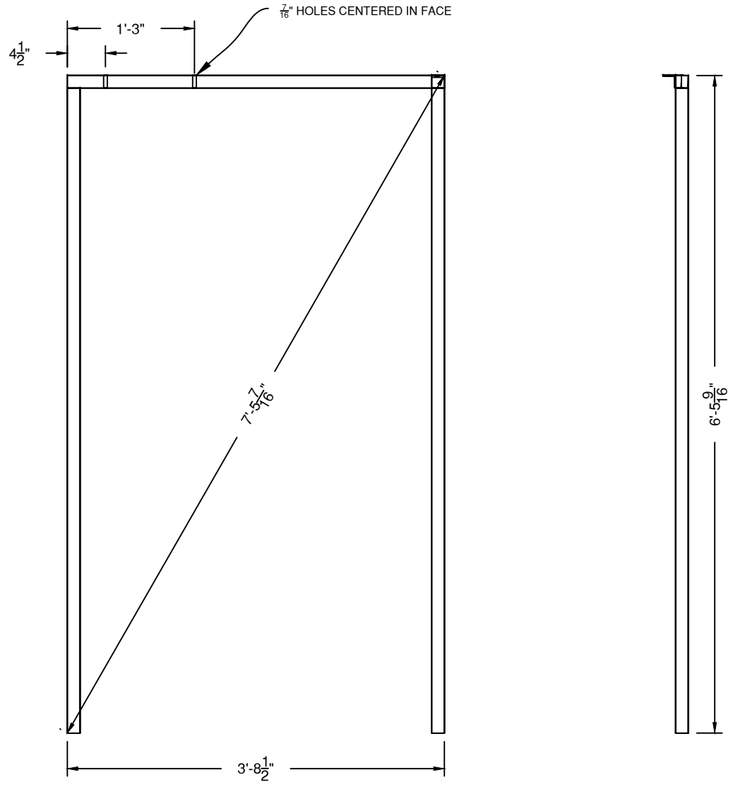




3 TOP VIEW ANGLE TAB #2
512 1/8"X1.5" ANGLE FULL
USE DRILL PRESS
ALREADY BUILT - SEE TOM



1 ORTHOGRAPHIC: GATE 5
512 1.5"x.065 SQ TUBE CONST. 3/4"=1'-0"
BULD 2 (1 for ULD)
TABS FLUSH TO OUTSIDE EDGE
WELD 2 SIDES (FILLETS AND/OR FACES)
ANGLE TABS PLACED SO HOLES ARE ORIENTED TO OUTSIDE EDGE



2 ORTHOGRAPHIC: GATE 6
512 1.5"x.065 SQ TUBE CONST. 3/4"=1'-0"
BUILD 1 (FOR URD ONLY)
WELD 2 SIDES (FILLETS AND/OR FACES)
TABS FLUSH TO OUTSIDE EDGE
ANGLE TABS PLACED SO HOLE ARE ORIENTED TO INSIDE EDGE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

LEG GATES 5 & 6

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/24/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	5/29/18
REV 2:	

BUILD TIME

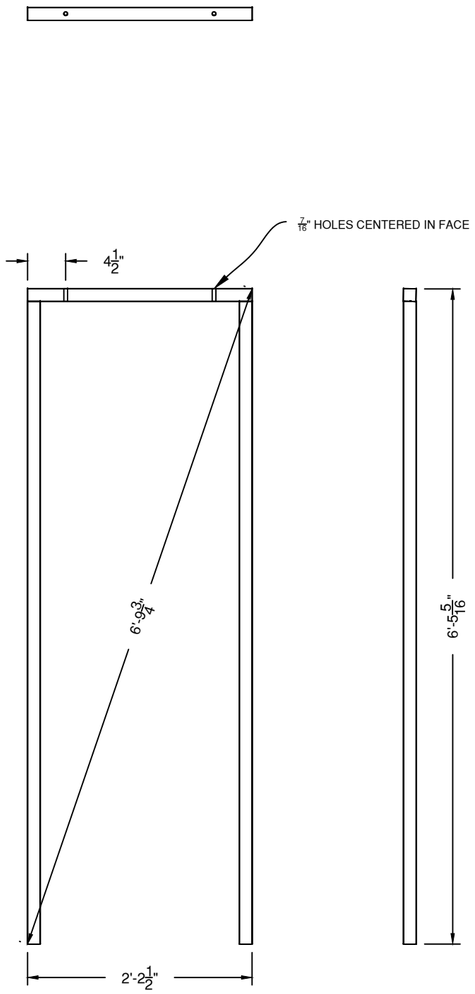
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-512

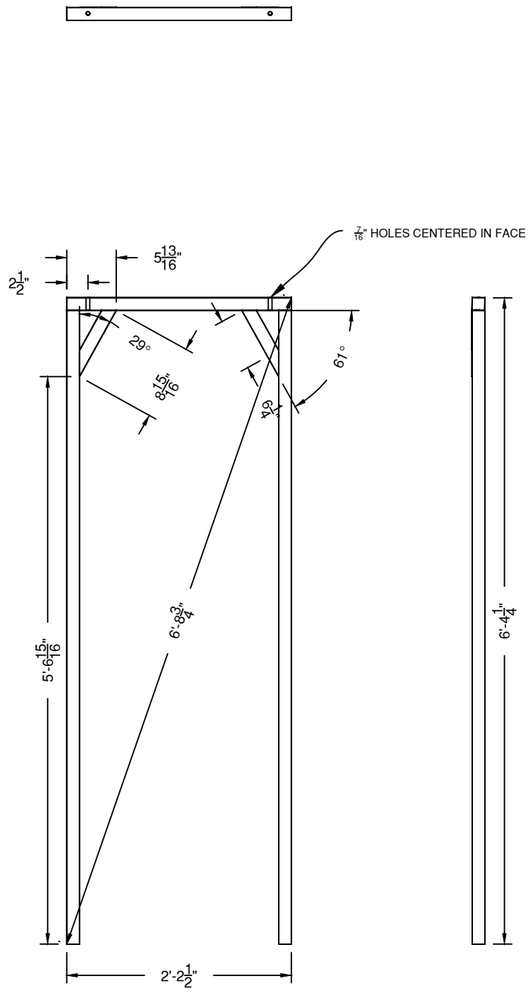


1 / 513 ORTHOGRAPHIC: GATE 7

1.5"x.065 SQ TUBE CONST. 3/4"=1'-0"

BUILD 2 (ONE FOR ULD)

WELD 2 SIDES (FILLETS AND/OR FACES)



2 / 513 ORTHOGRAPHIC: GATE 8

1.5"x.065" SQ TUBE CONST. 3/4"=1'-0"

BUILD 2 (ONE FOR ULD)

WELD 2 SIDES (FILLETS AND/OR FACES)

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

LEG GATES 7 & 8

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	5/24/18	FILE:	BR-500-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

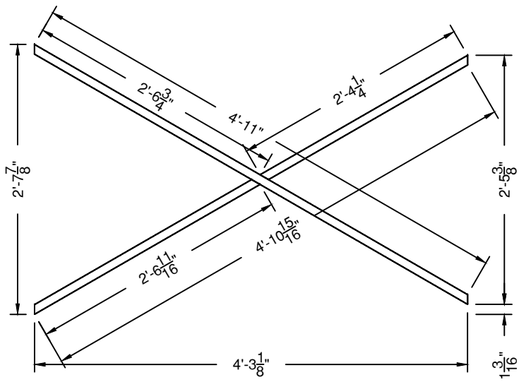
DAY	TIME

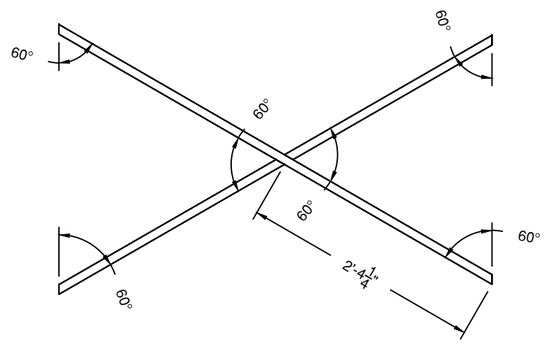
MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-513





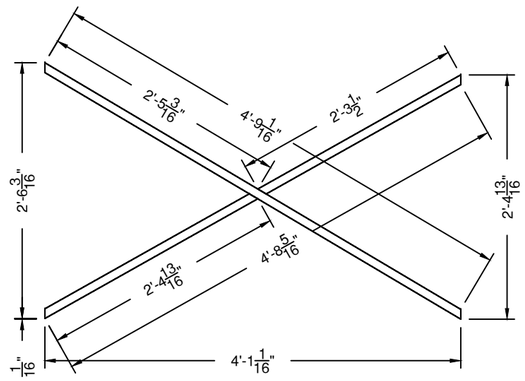
1 514

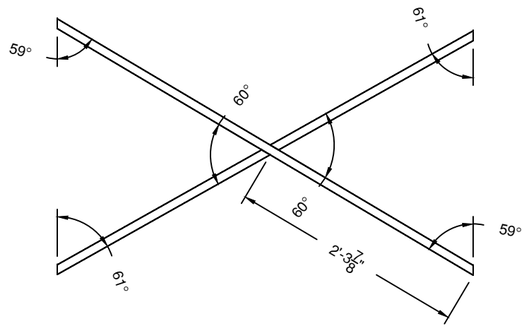
FRONT VIEW: US X BRACE 1

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"





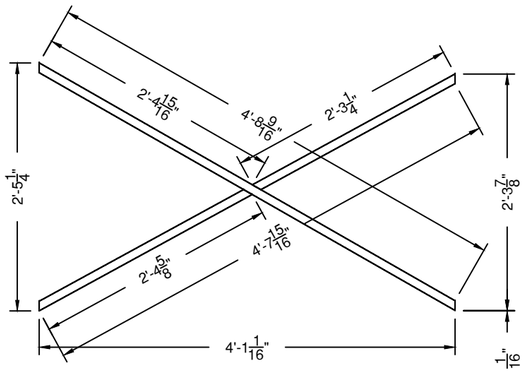
2 514

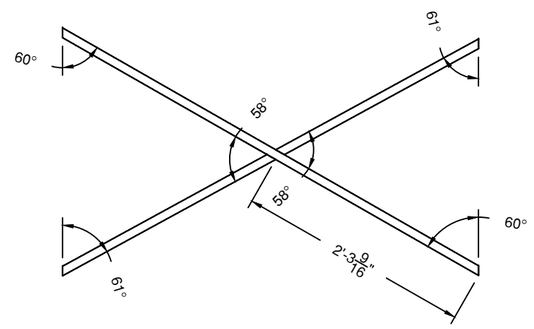
FRONT VIEW: US X BRACE 2

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"





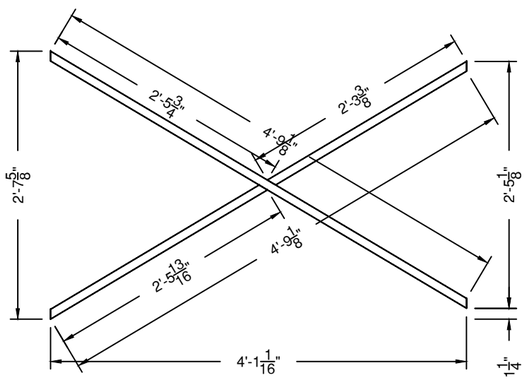
3 514

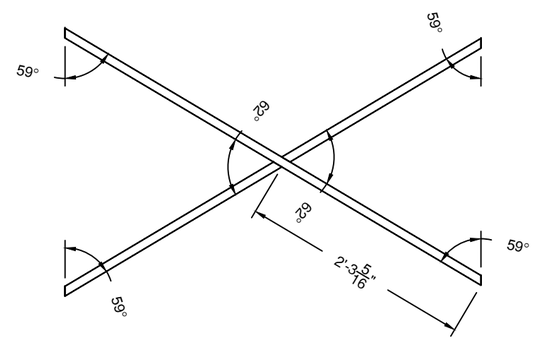
FRONT VIEW: US X BRACE 3

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"





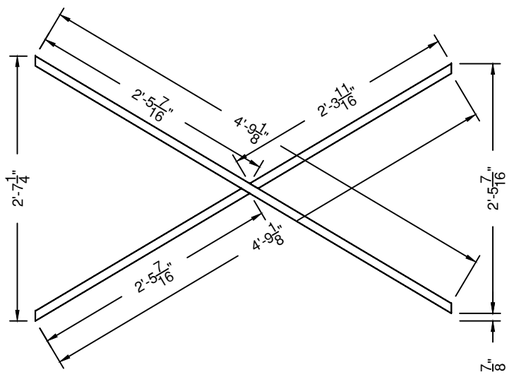
4 514

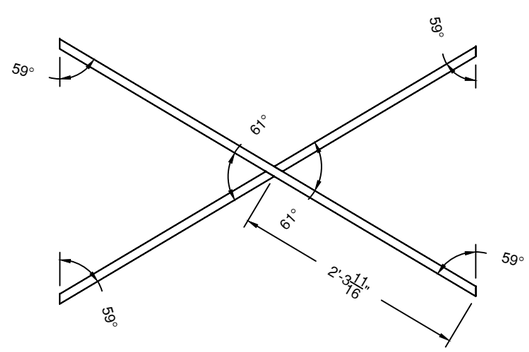
FRONT VIEW: US X BRACE 4

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"





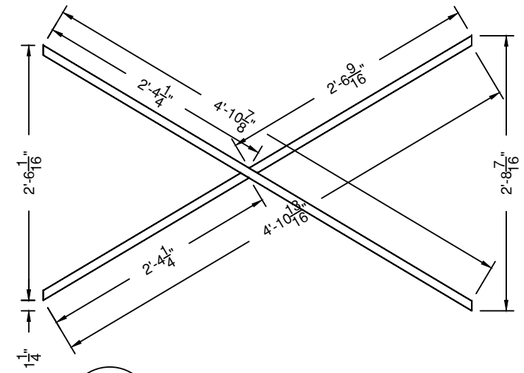
5 514

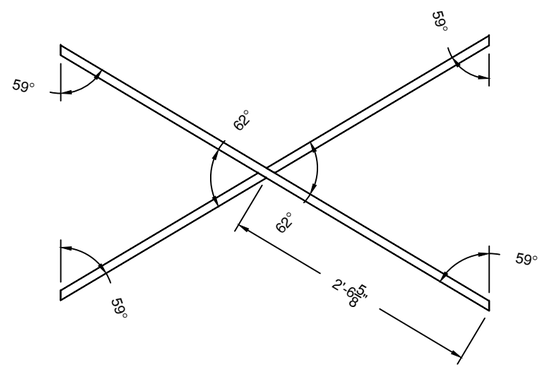
FRONT VIEW: US X BRACE 5

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"





6 514

FRONT VIEW: US X BRACE 6

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

US X BRACE 1 - 6

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	5/25/18	FILE:	BR-500-USL DOCK.DWG
REV 1:	5/28/18	REV 2:	

BUILD TIME

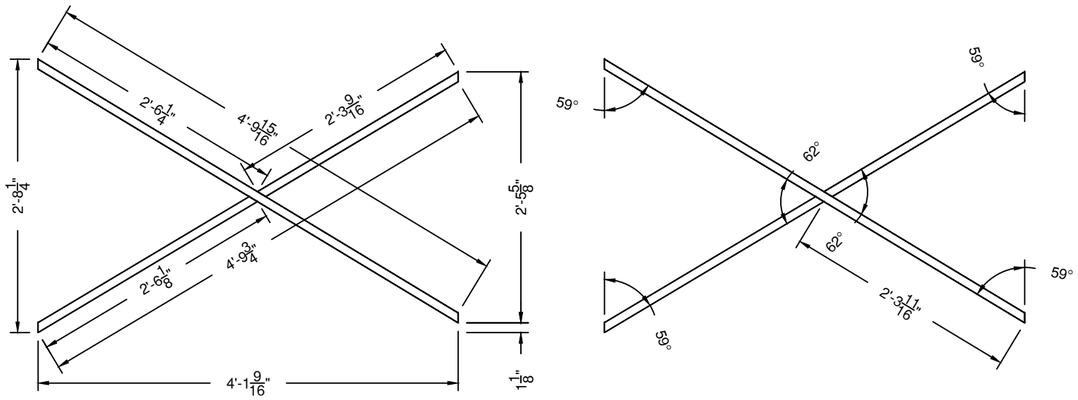
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-514

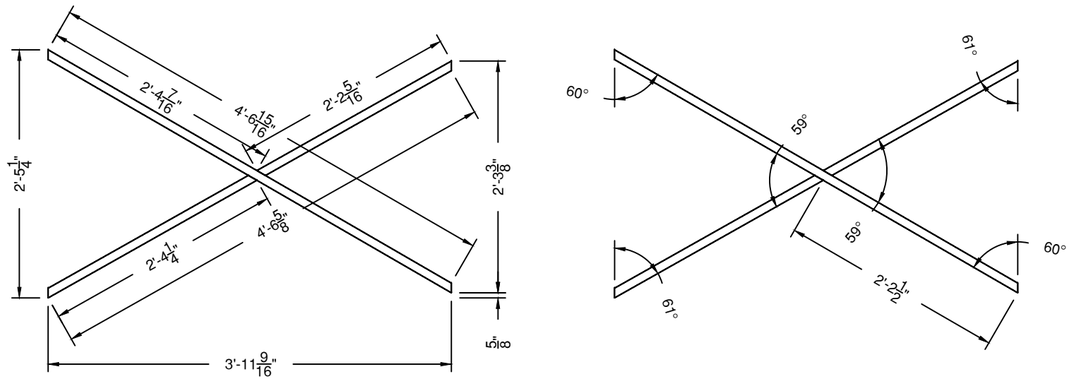


1 / 515 FRONT VIEW: DS X BRACE 1

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"



2 / 515 FRONT VIEW: DS X BRACE 2

1"x.065 SQ TUBE

WELD FILLETS

3/4"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

DS X BRACE 1 & 2

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/28/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

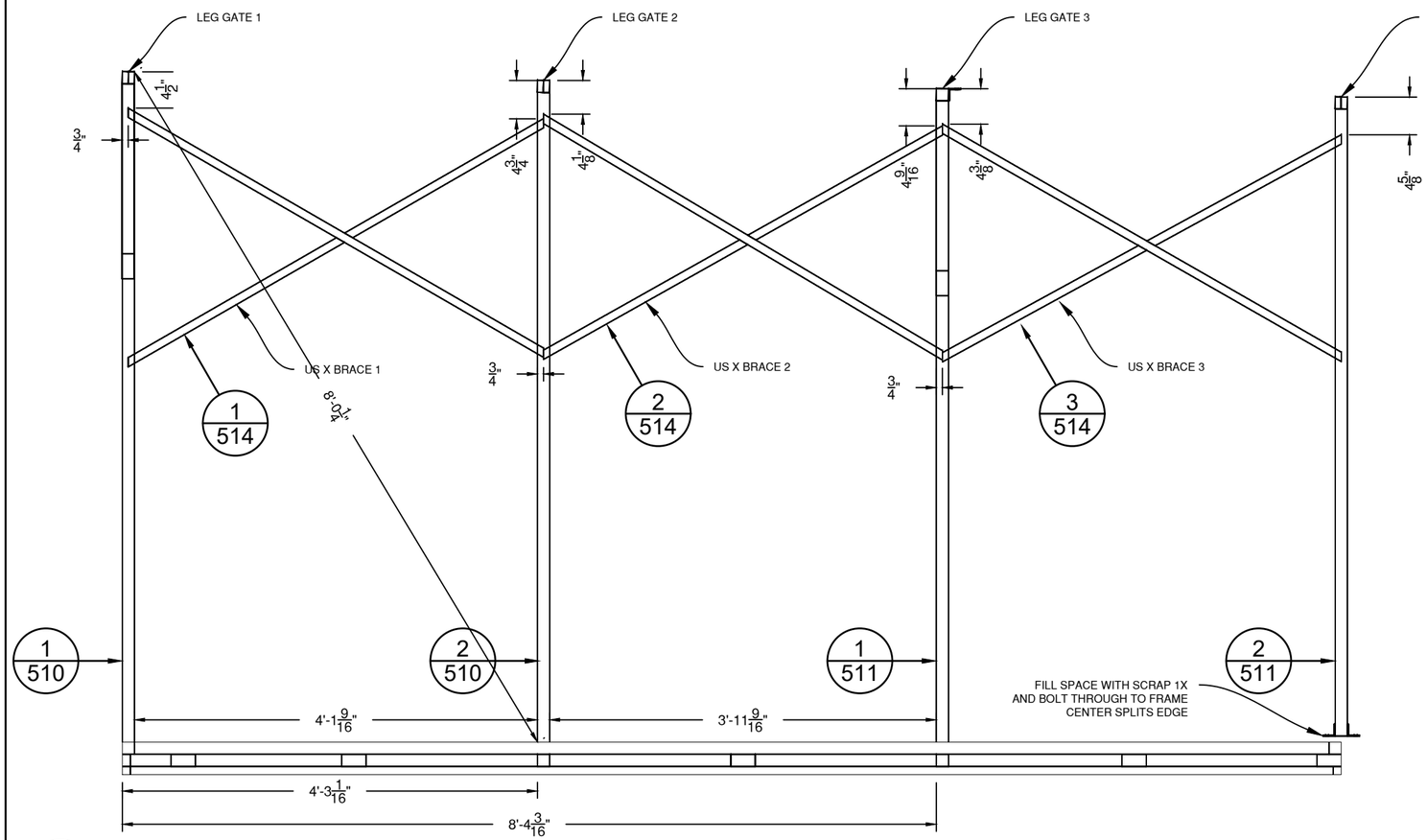
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-515



1/516 FRONT VIEW: SR LOWER PLATFORM, GATES 1-4, & US X BRACING 1-3 — 3/4"=1'-0"

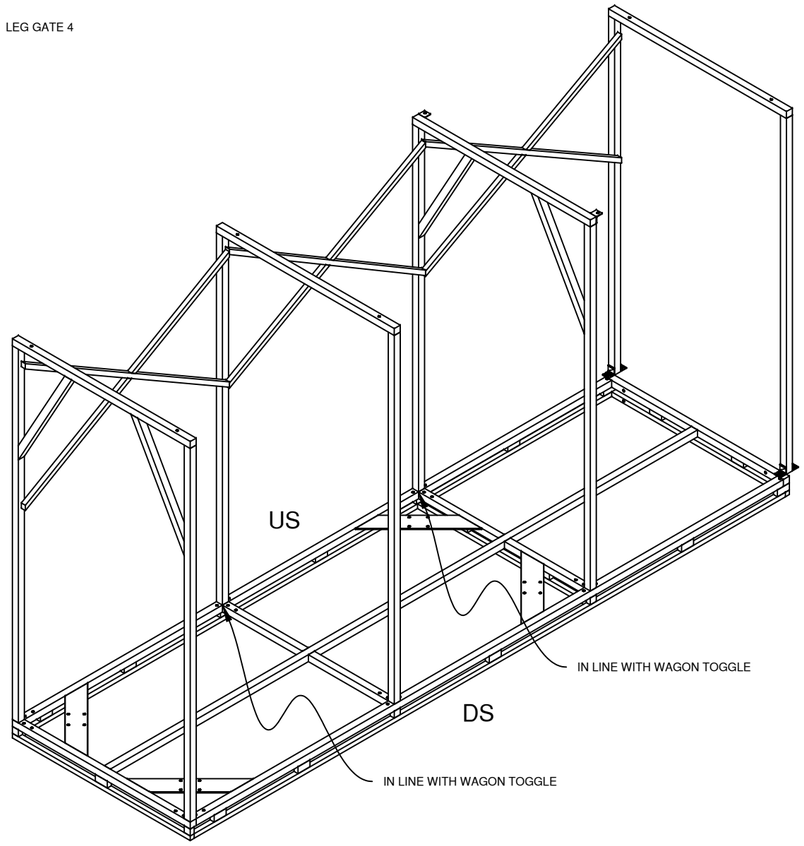
WELD 3 FILLETS (LEFT, RIGHT, & INSIDE)

MAKE SURE GATES ARE PERPENDICULAR TO WAGON FRAME

GATE 1 IS FLUSH TO BACK EDGE

X BRACES WELDED TO INSIDE EDGE OF US VERTICALS

GATE 4 DOES NOT WELD TO PLATFORM



2/516 ISOMETRIC — NTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

GATES 1-4 & US X BRACE INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/28/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

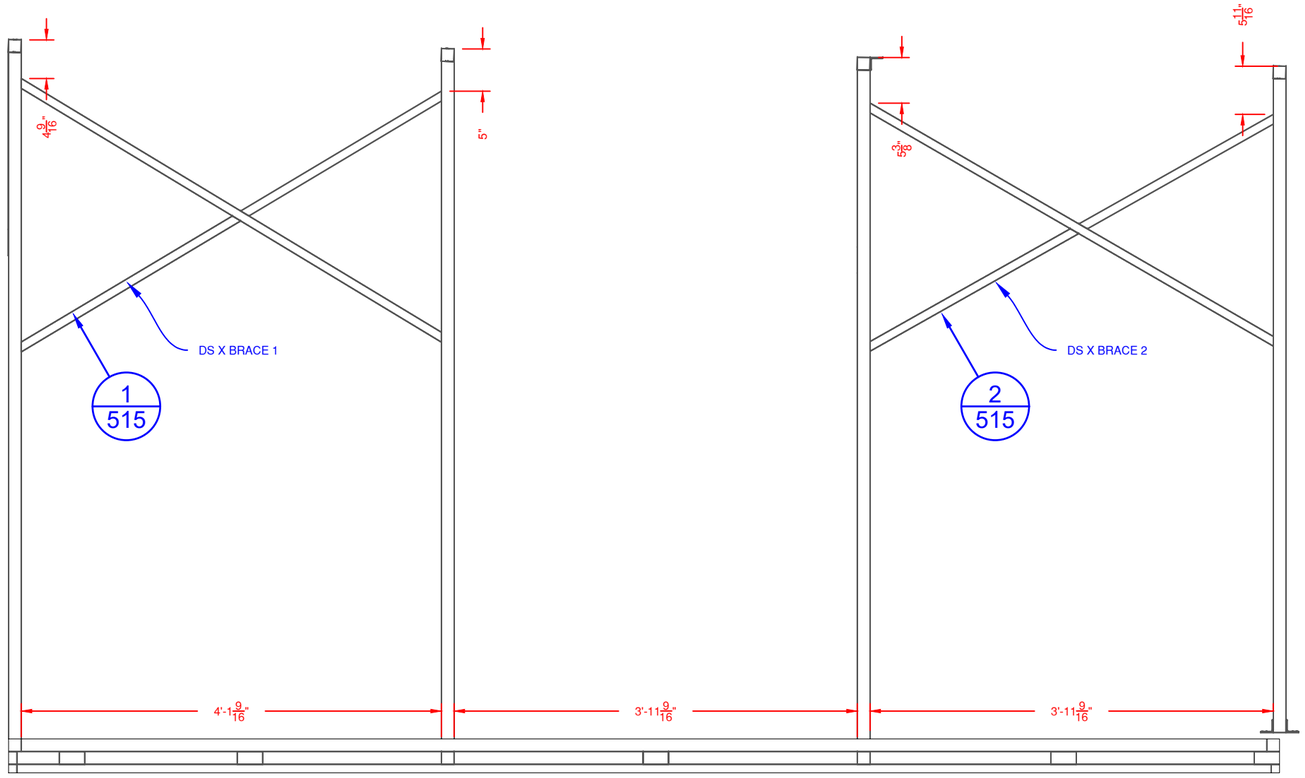
DAY	TIME

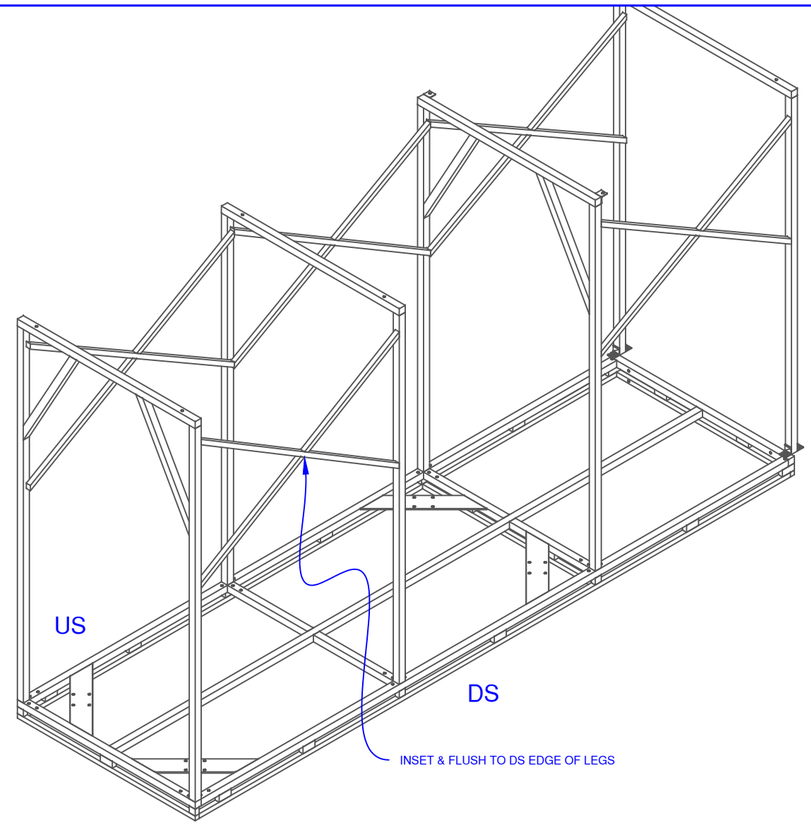
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-516





1
517

FRONT VIEW: SR LOWER PLATFORM, GATES 1-4, & DS X BRACE 1& 2

WELD 2 FILLETS

3/4"=1'-0"

MAKE SURE GATES ARE PERPENDICULAR TO WAGON FRAME

DOWNSTAGE X BRACES ARE FLUSH TO FACE OF LEG GATES

UPSTAGE BRACES OMITTED FOR CLARITY

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018

351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

DS X BRACE INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/28/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

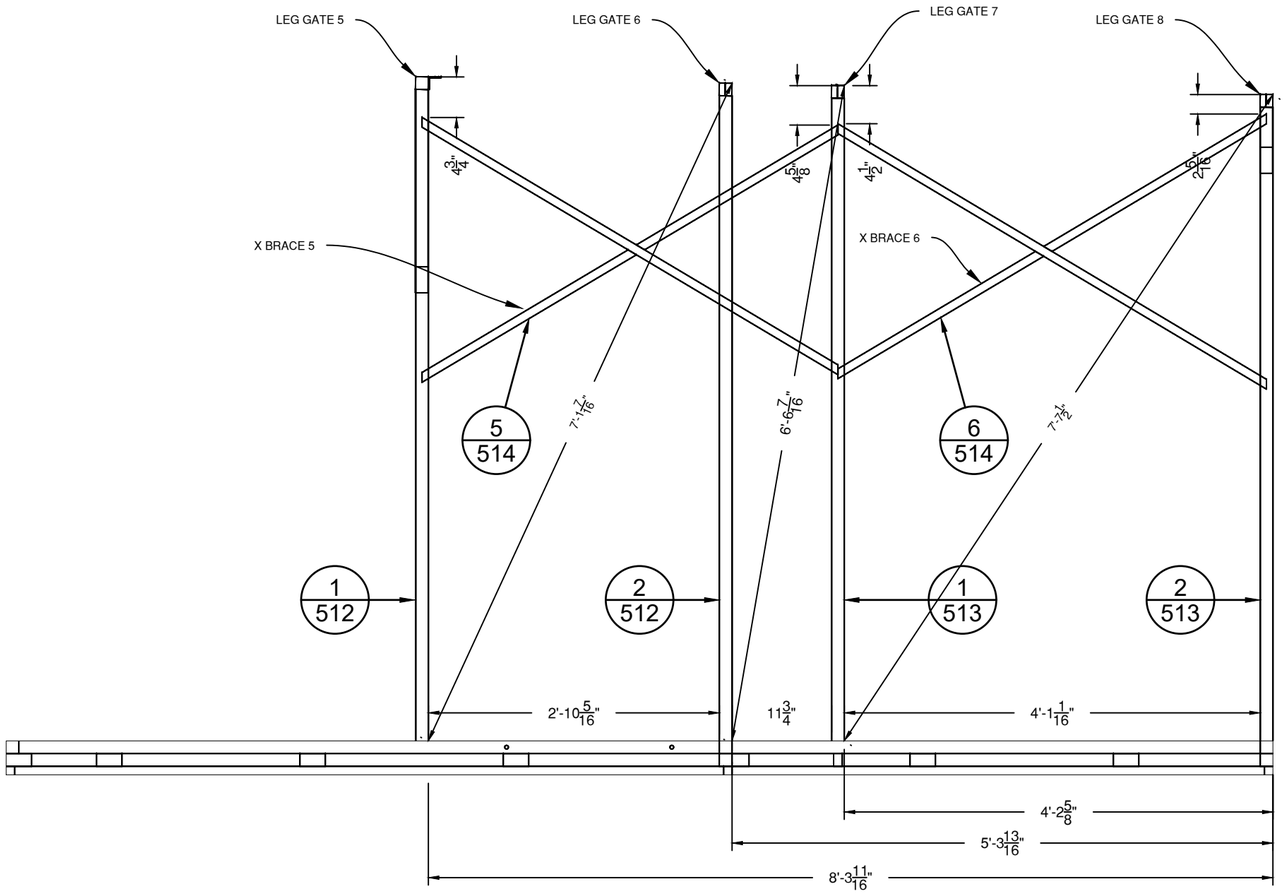
DAY	TIME

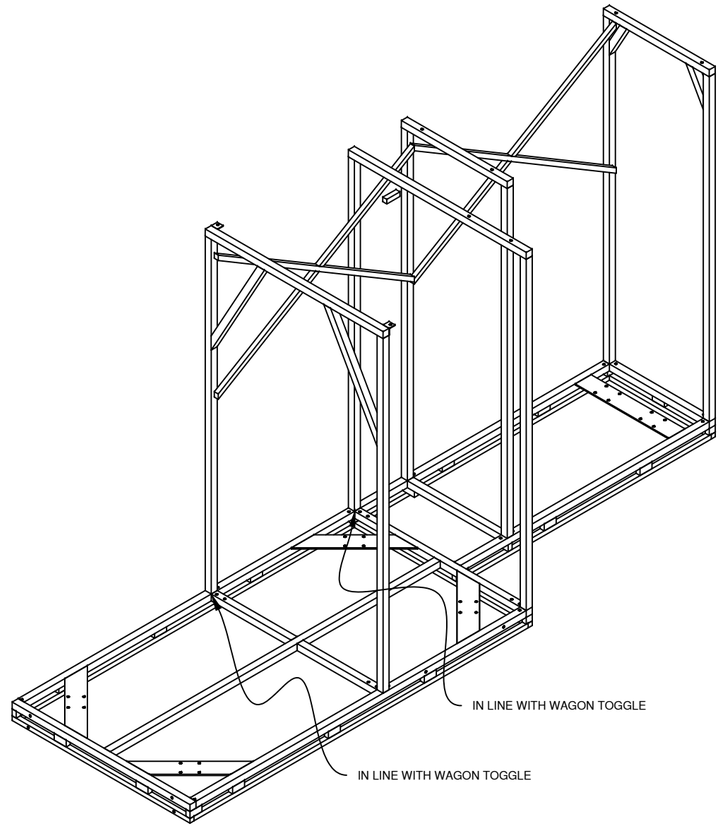
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-517





1
518

FRONT VIEW: SL LOWER PLATFORM & GATES 5-8

3/4"=1'-0"

WELD 2 FILLETS - LEFT & RIGHT

MAKE SURE GATES ARE PERPENDICULAR TO WAGON FRAME

GATE 8 IS FLUSH TO BACK EDGE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

GATES 5-8 & US X-BRACE INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	5/31/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

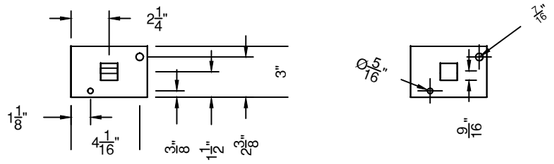
DAY	TIME

MATERIALS USED

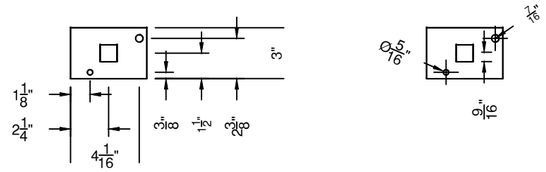
MATERIAL	QUANTITY

SCALE: AS NOTED

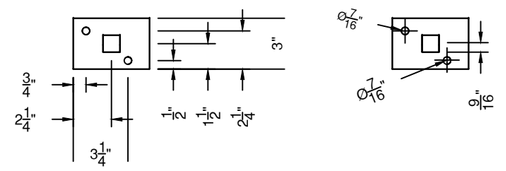
BR-518



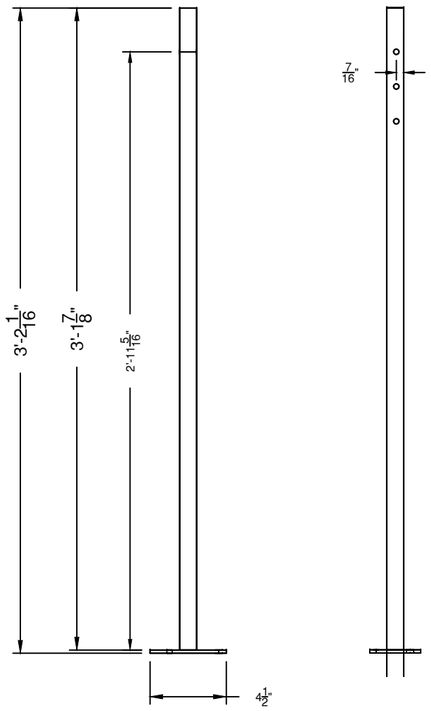
TOP VIEWS



TOP VIEWS



TOP VIEW



1 / 519 FRONT VIEW: US BALUSTER 1 & DS BALUSTER 1

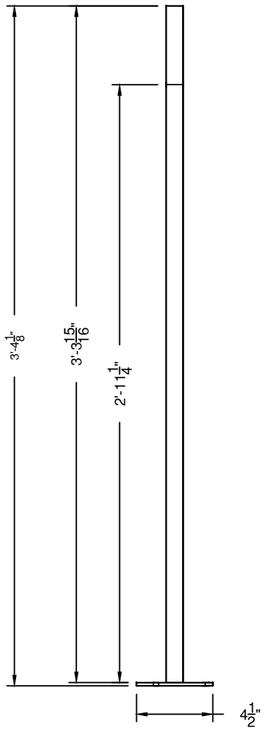
1"x.065 SQ TUBE & 3/16"x3" PLATE 1-1/2"=1'-0"

WELD TWO SIDES

BUILD 2 (R&R)

2ND BALUSTER IS FOR DS RAILING

2ND BALUSTER DOES NOT NEED HOLE IN 1" SQ TUBE



2 / 519 FRONT VIEW: US BALUSTER 2 & DS BALUSTER 2

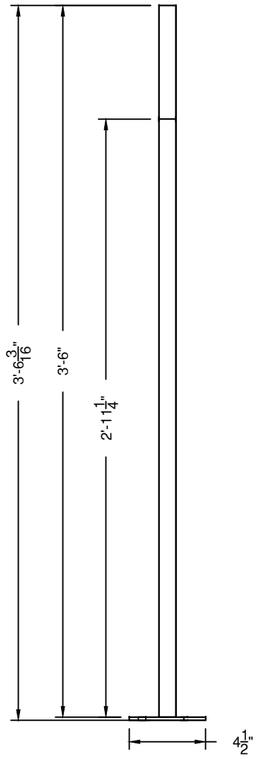
1"x.065 SQ TUBE & 3/16"x3" PLATE 1-1/2"=1'-0"

WELD TWO SIDES

BUILD 2 (R&R)

2ND BALUSTER IS FOR DS RAILING

2ND BALUSTER DOES NOT NEED HOLE IN 1" SQ TUBE



3 / 519 FRONT VIEW: US BALUSTER 3 & DS BALUSTER 6

1"x.065 SQ TUBE & 3/16"x3" PLATE 1-1/2"=1'-0"

WELD TWO SIDES

BUILD 2 (R&R)

2ND BALUSTER IS FOR DS RAILING

2ND BALUSTER DOES NOT NEED HOLE IN 1" SQ TUBE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

RALING BALUSTERS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	6/5/18	FILE	BR-500-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

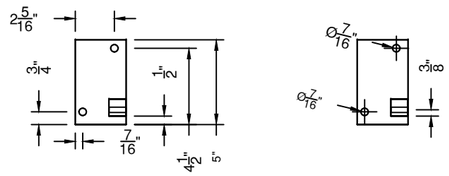
DAY	TIME

MATERIALS USED

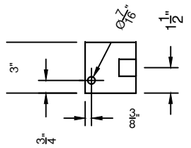
MATERIAL	QUANTITY

SCALE: 1-1/2"=1'-0"

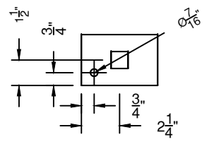
BR-519



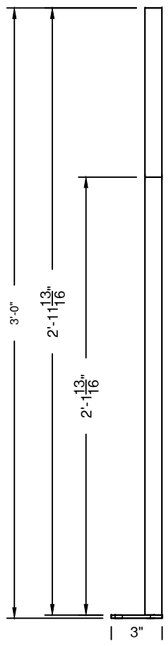
TOP VIEWS



TOP VIEW



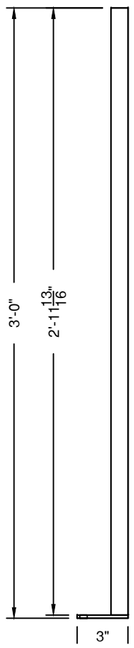
TOP VIEW



1 / 520 — FRONT VIEW: DS BALUSTER 3

1"x.065 SQ TUBE & 3/16"x3" PLATE — 1-1/2"=1'-0"

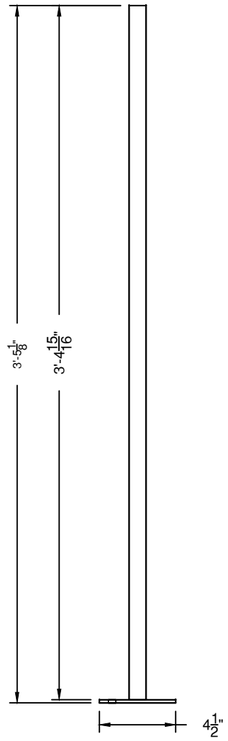
WELD TWO SIDES



2 / 520 — FRONT VIEW: DS BALUSTER 4

1"x.065 SQ TUBE & 3/16"x3" PLATE — 1-1/2"=1'-0"

WELD TWO SIDES



3 / 520 — FRONT VIEW: DS BALUSTER 5

1"x.065 SQ TUBE & 3/16"x3" PLATE — 1-1/2"=1'-0"

WELD TWO SIDES

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

RALING BALUSTERS CONT.

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/5/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

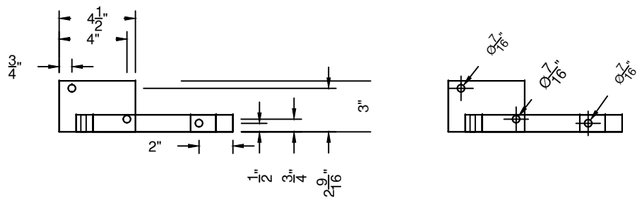
DAY	TIME

MATERIALS USED

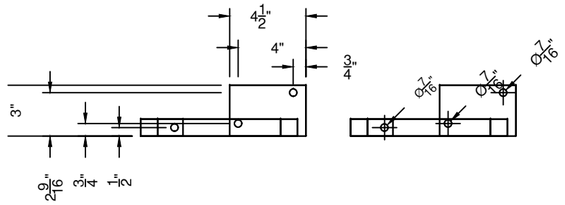
MATERIAL	QUANTITY

SCALE: 1-1/2"=1'-0"

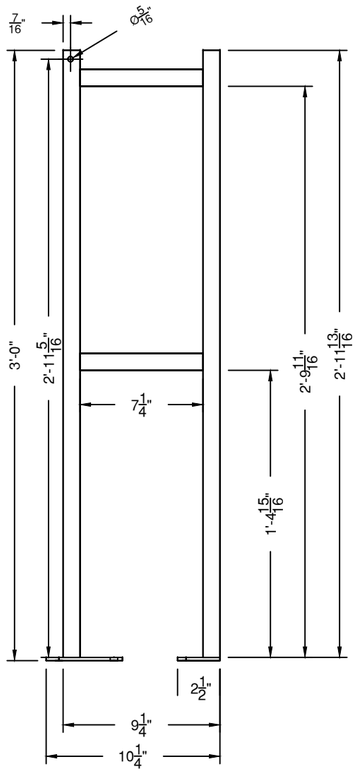
BR-520



TOP VIEWS



TOP VIEWS



1 / 521 FRONT VIEW: US ESCAPE RETURN

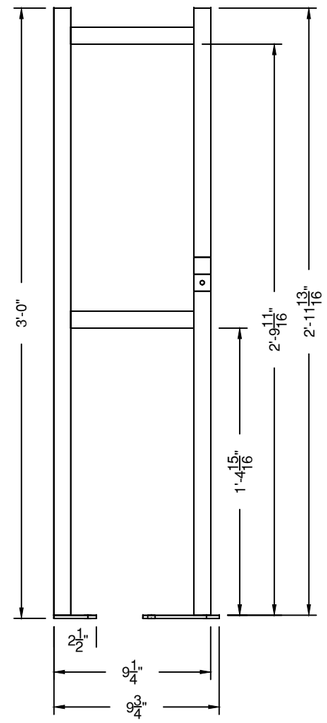
1"x.065 SQ TUBE

3/16"x3" FLAT BAR

3/16"x1.5" FLAT BAR

WELD 2 SIDES

1-1/2"=1'-0"



2 / 521 FRONT VIEW: DS ESCAPE RETURN

1"x.065 SQ TUBE

3/16"x3" FLAT BAR

3/16"x1.5" FLAT BAR

WELD 2 SIDES

1-1/2"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

RAILING: ESCAPE RETURNS

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/6/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

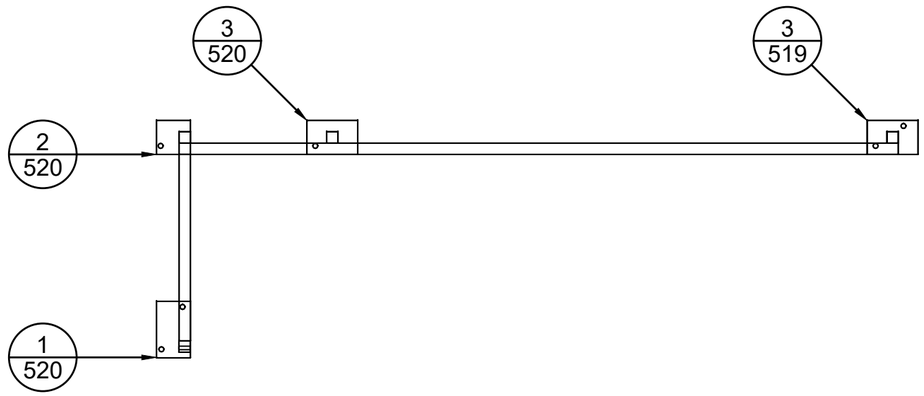
DAY	TIME

MATERIALS USED

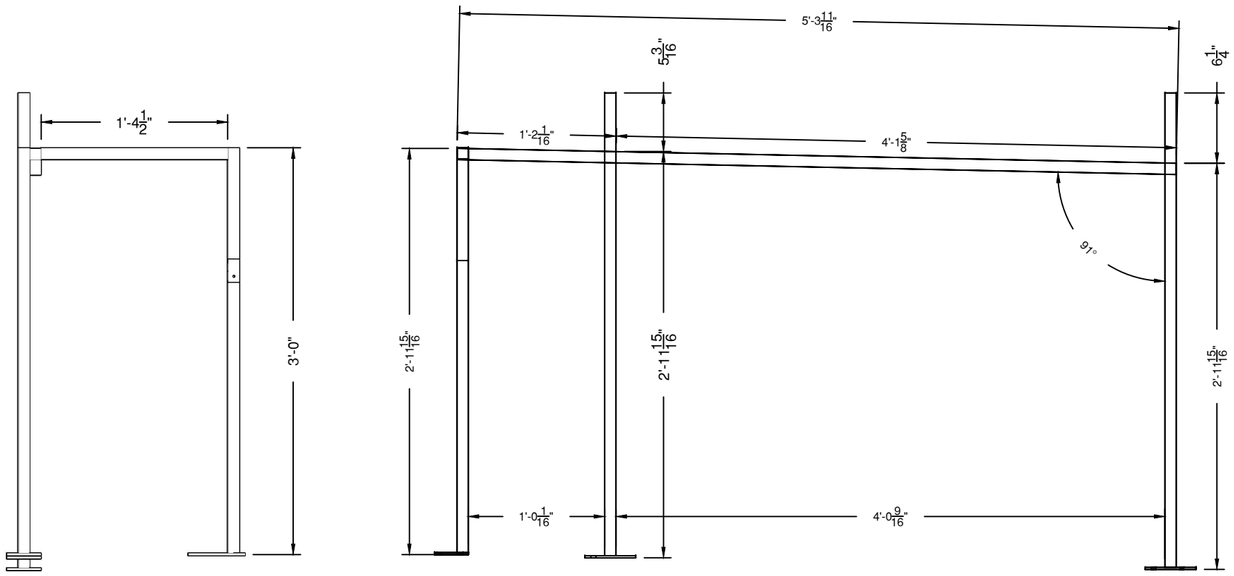
MATERIAL	QUANTITY

SCALE: 1-1/2"=1'-0"

BR-521

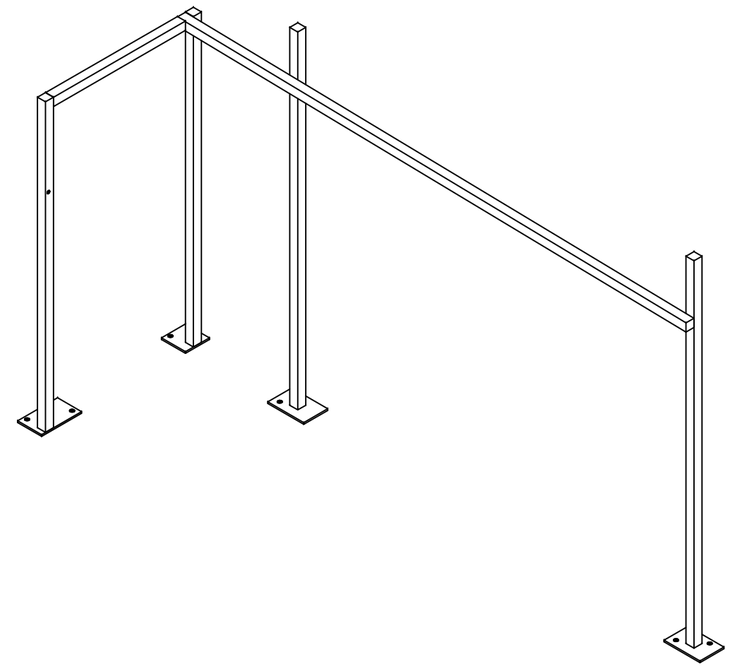


TOP



LEFT

FRONT



ISOMETRIC

1
522

ORTHOGRAPHIC: DOWNSTAGE LEFT RAILING ASSEMBLY

1"x.065 SQ TUBE RAILING 1"=1'-0"

BALUSTERS WELD TO RAIL

WELD 2 SIDES

NOTE BALUSTERS FIT TO RAKE SO BOTTOMS ARE NOT EVEN

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

DS LEFT RAILING ASSEMBLY

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/6/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

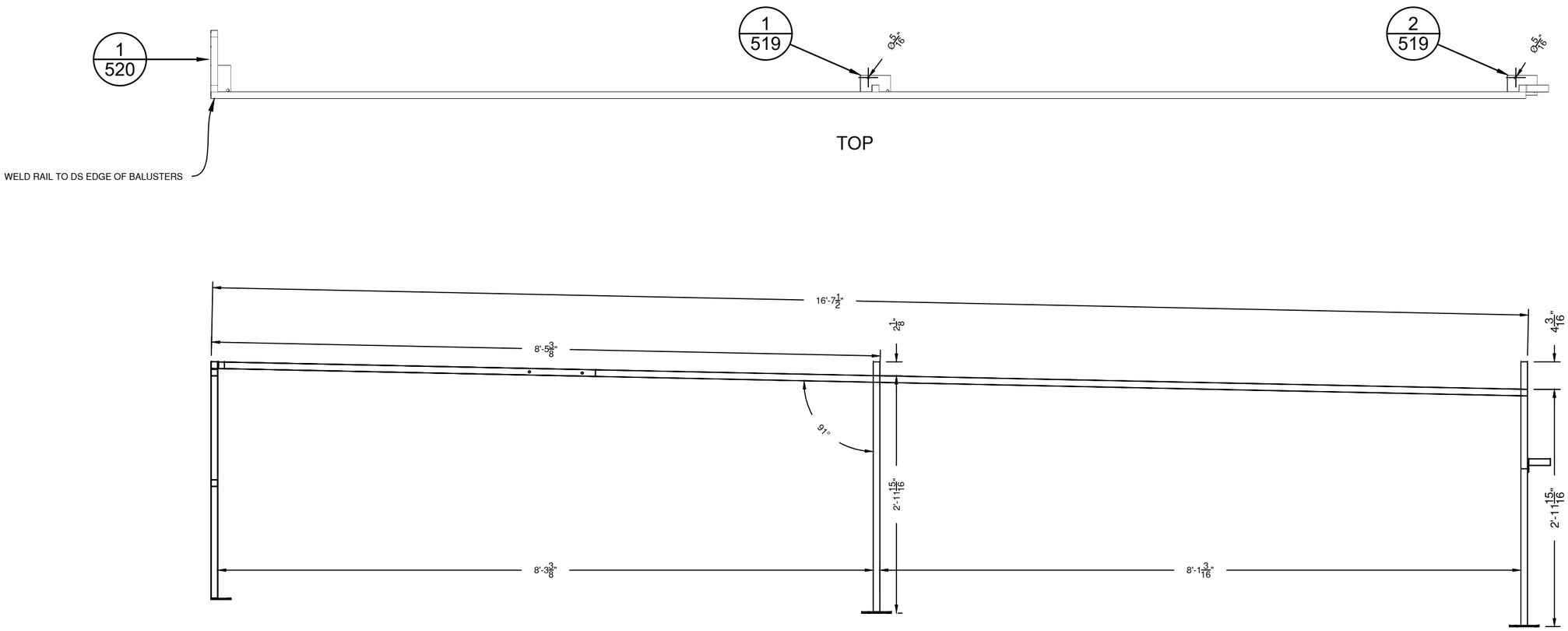
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1"=1'-0"

BR-522



1/523 DOWNSTAGE STAGE RIGHT RAILING ASSEMBLY

1"x.065 SQ TUBE RAILING 3/4"=1'-0"

BALUSTERS WELD TO RAIL

WELD 2 SIDES

NOTE BALUSTERS FIT TO RAKE SO BOTTOMS ARE NOT EVEN

HOLE SIZE IN BASES OF BALUSTERS NOTED FOR CORRECT ORIENTATION

Utah Shakespeare Festival
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BIG RIVER

UP-STAGE RIGHT DOCK

DS RIGHT RAILING ASSEMBLY

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/6/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

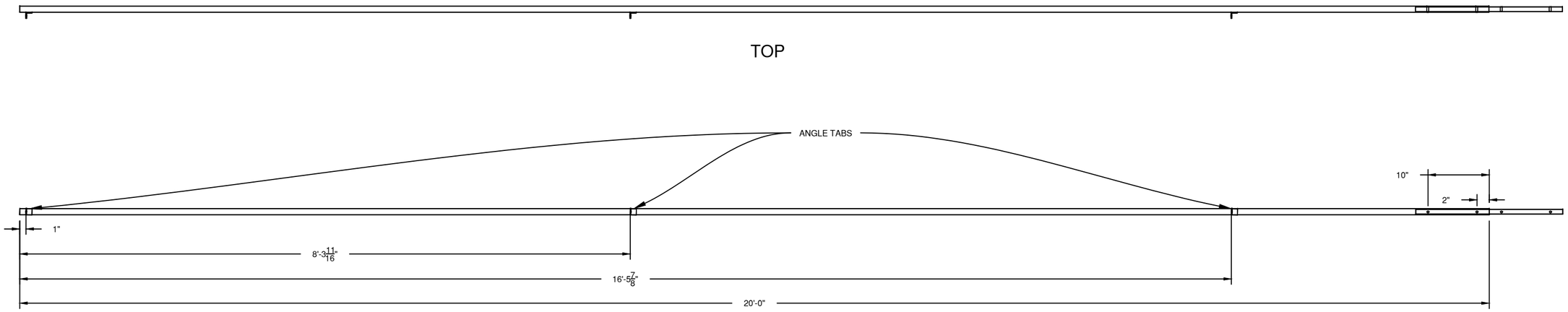
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-523



1 / 524 — UPSTAGE RAIL CONSTRUCTION

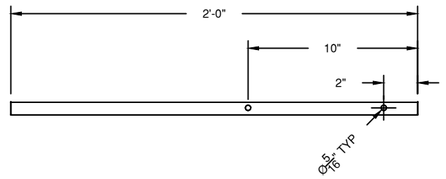
1"x.065 SQ TUBE RAILING 3/4"=1'-0"

1"x1"x1/8" ANGLE TABS (SEE DRAWING 4)

3/4"x.065" SQ TUBE INSERT (SEE DRAWING 2)

INSERT IS PLUG WELDED VIA 5/15" HOLES

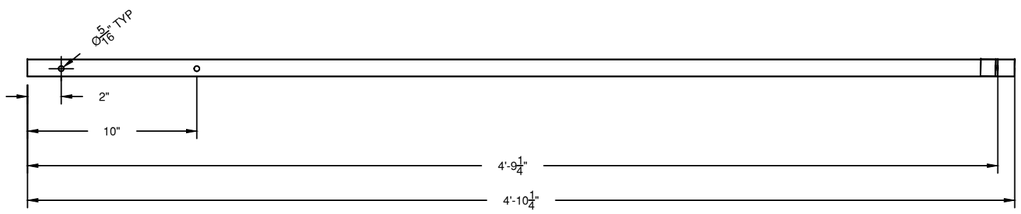
GRIND WELDS FLUSH

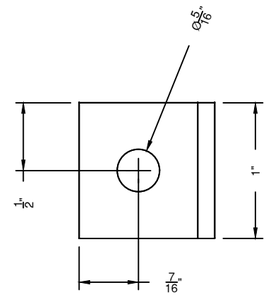


2 / 524 — RAILING CONNECTOR / INSERT

3/4"x.065 SQ TUBE 1-1/2"=1'-0"

PLUG WELDED TO LONG SECTION OF 1" SQ TUBE





3 / 524 — UPSTAGE RAIL CONSTRUCTION

1"x.065 SQ TUBE RAILING 3/4"=1'-0"

1"x1"x1/8" ANGLE TABS (SEE DRAWING 4)

BOLTS TO 3/4"x.065" SQ TUBE INSERT

4 / 524 — ANGLE TABS

1"x1"x1/8" ANGLE FULL

MAKE 4

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

US RAIL CONSTRUCTION

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/6/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

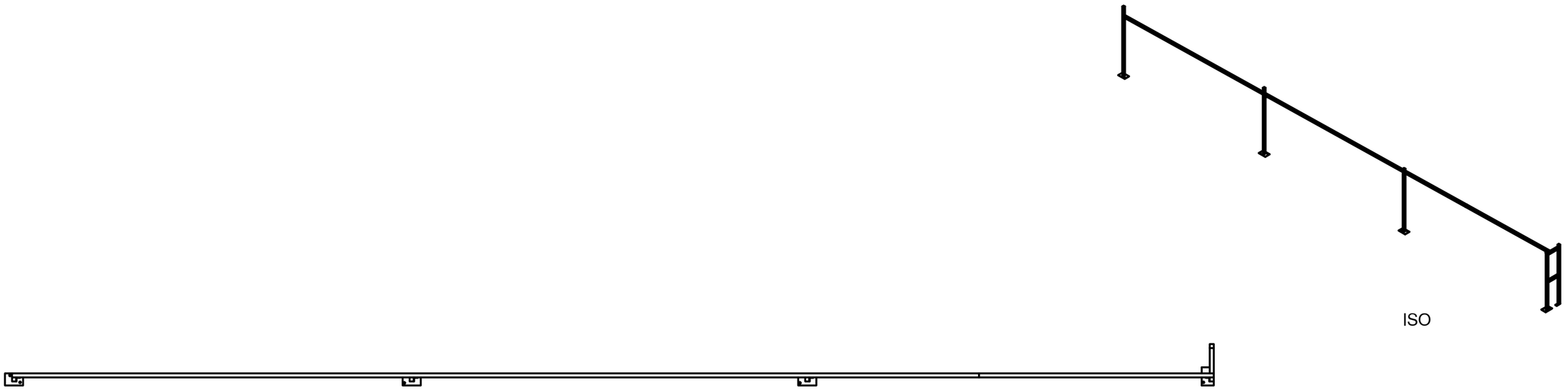
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

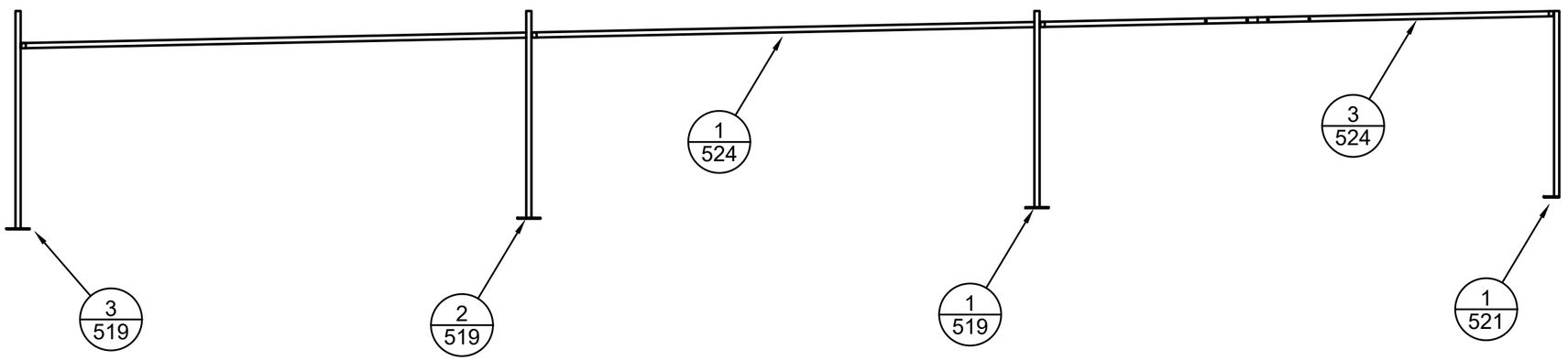
SCALE: AS NOTED

BR-524



ISO

TOP



SIDE

1/525 UPSTAGE RALING ASSEMBLY

3/524 BOLTS TO 1/524 WITH 1/4"X1.5" HEX BOLTS & LOCK WASHERS (DON'T OVER TIGHTEN)

RAILS BOLT TO BALUSTERS WITH 1/4"x1.5" HEX BOLTS & LOCK WASHERS

BALUSTERS BOLT TO PLATFORMS WITH 2 @ 1/4"x 3", 4@3/8"x3", & 3 @ 3/8"x4.5 HARDWARE

1/2"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018

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BIG RIVER

UP-STAGE RIGHT DOCK

US RAIL ASSEMBLY

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/7/18
FILE	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

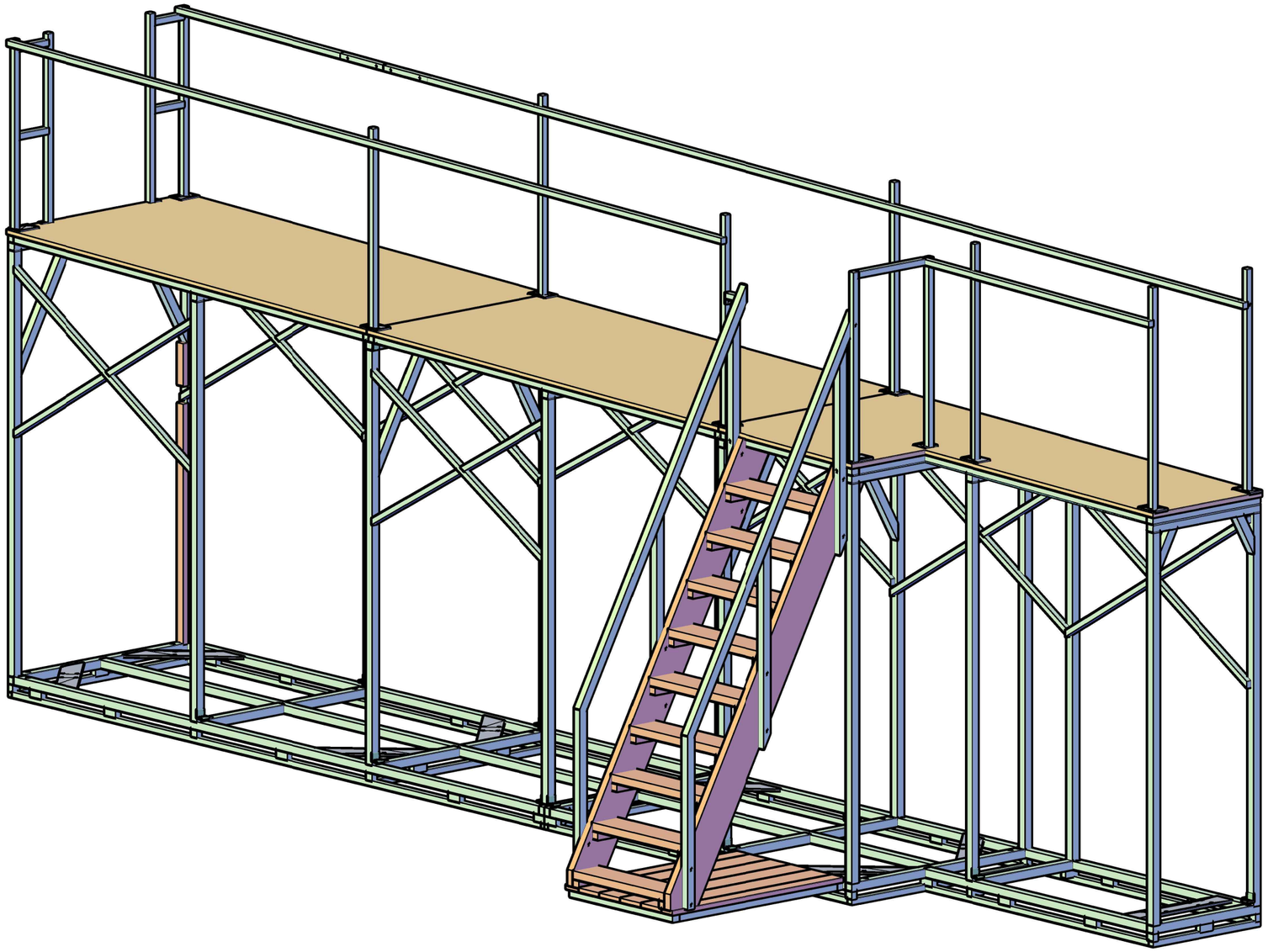
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1/2"=1'-0"

BR-525



Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018

351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

RAILING INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	6/7/18	FILE:	BR-500-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

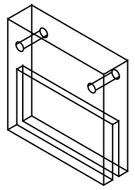
DAY	TIME

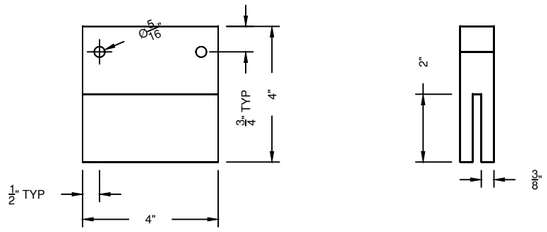
MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1/2"=1'-0"

BR-526





1/528 ORTHOGRAPHIC: GUIDES

1" UHMD BLOCK CONSTUCTION — 3"=1'-0"

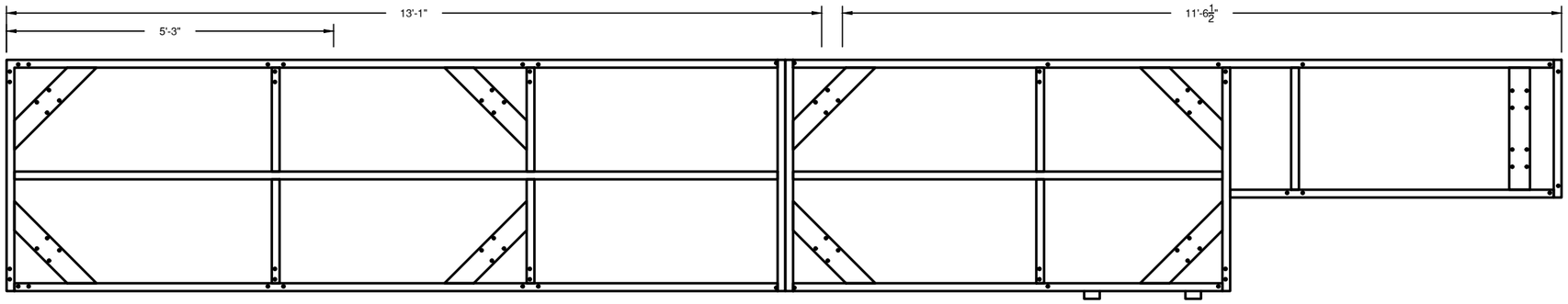
CUT FROM 1" UHMW SHEET

USE STANDARD TABLE SAW BLADE TO DADO SLOT

COUNTERSINK HOLES FOR 1/4" STOVE BOLTS

MAKE 4 (TWO FOR ULD)

BACK



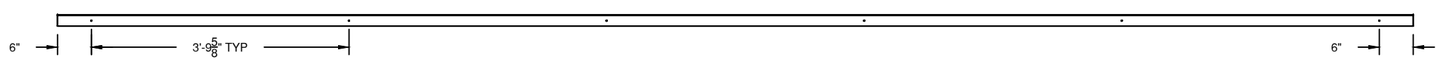
TOP

2/528 UHMW GUIDE INSTALL

UHMW GUIDES BOLTED W/ 1/4"x3" STOVE BOLTS & LOCK WASHERS — 1/2"=1'-0"

TOP OF UHMW IS FLUSH TO TOP OF STEEL FRAME

MARK OUT POSITIONS THEN DRILL HOLES IN STEEL FOR CONNECTION



3/528 URD & ULD TRACK

2"x2"x1/8" ANGLE — 1/2"=1'-0"

5/32" HOLES DRILLED IN CENTER OF ANGLE FACE

HOLES CAN BE APPROXIMATE AS THEY ARE FOR SCREWS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

GUIDES & TRACK

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	6/7/18	FILE:	BR-500-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

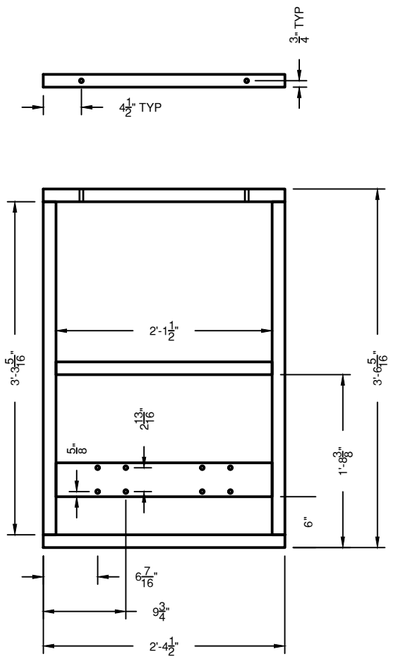
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-528



1 / 529 TOP VIEW: SHIPS LADDER BASE

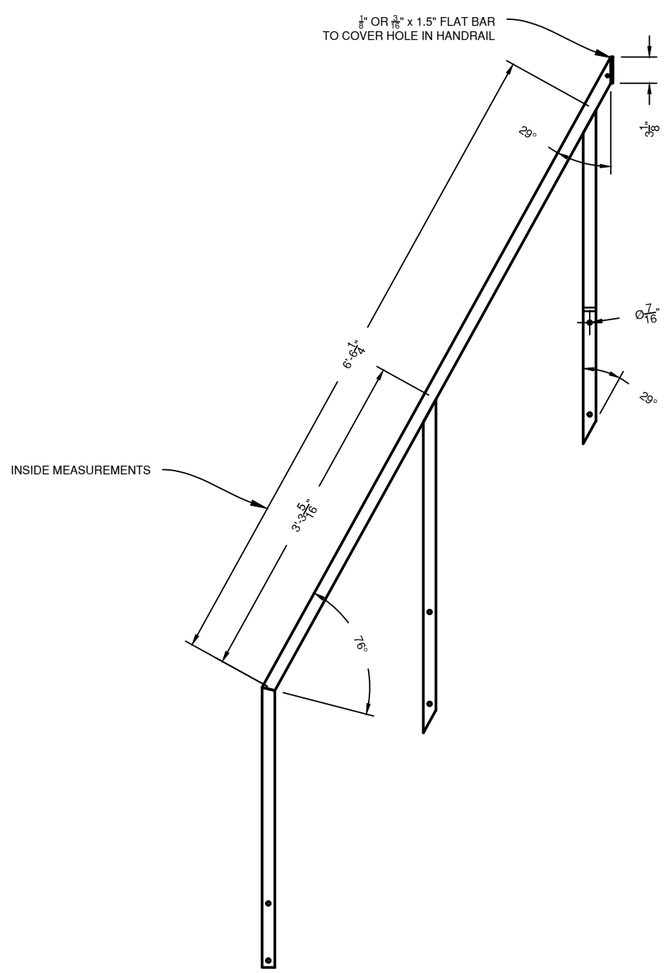
1.5"x.065 SQ TUBE CONST. 3/4"=1'-0"

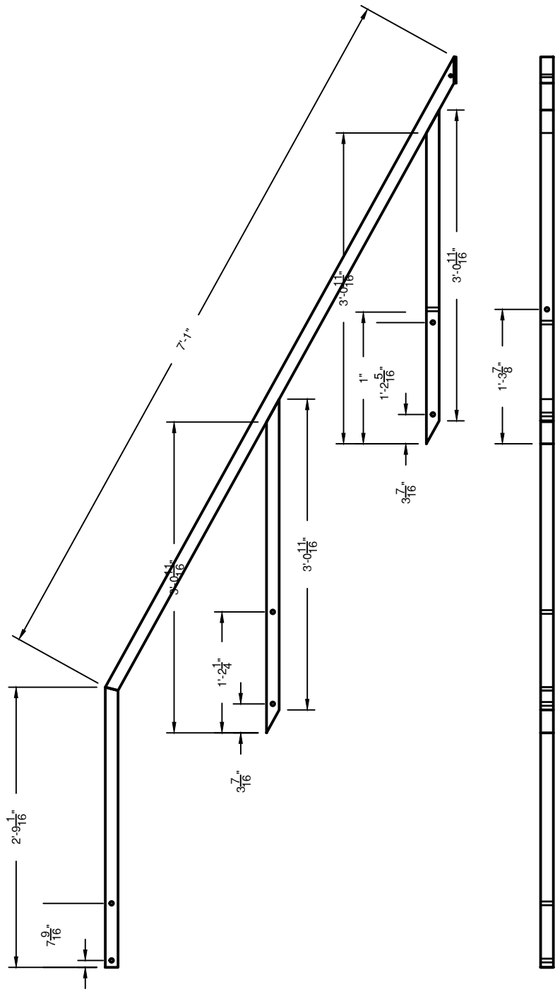
4"x.25" FLAT BAR CASTER PLAT

WELD 2 SIDES (FILLETS AND/OR BOTTOM)

NO GRINDING NEEDED

USE 2 STAGEMASTER JR CASTERS





FRONT VIEW

2 / 529 SIDE VIEW: SL HANDRAIL FOR SHIPS LADDER

1.5"x.065 SQ TUBE CONST. 3/4"=1'-0"

HOLES CENTERED IN SQ TUBE

ALL HOLES 7/16"

WELD FILLETS (NEWEL POST NEEDS ALL SIDES WELDED

GRIND & FLAP DISC SMOOTH FOR ACTORS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SHIPS LADDER BASE & 1 RAILING

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/11/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	6/12/18
REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-529

CUT LIST FOR $\frac{1}{2}$" SANDE-PLY

5-1/2" WIDTH
20 @ 8'

4" WIDTH
5 @ 8'

2.5" WIDTH
15 @ 8'

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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Cedar City, Utah 84720

BIG RIVER

UP RIGHT DOCK

FACING CUT LIST

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/6/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

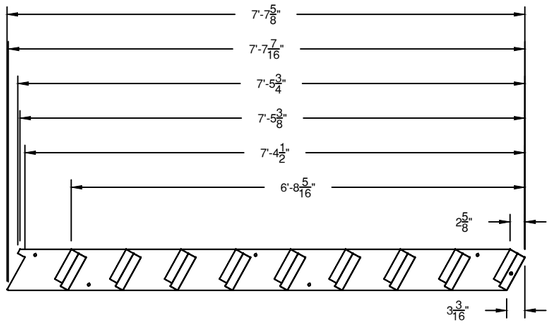
DAY	TIME

MATERIALS USED

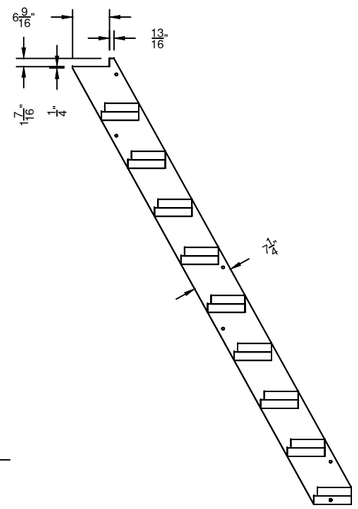
MATERIAL	QUANTITY

SCALE: N/A

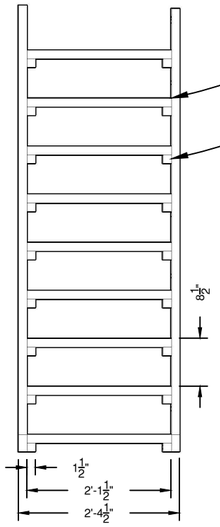
BR-530



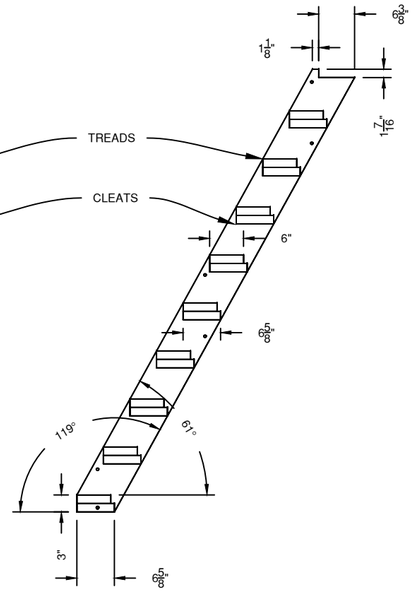
SR STRINGER LAYOUT



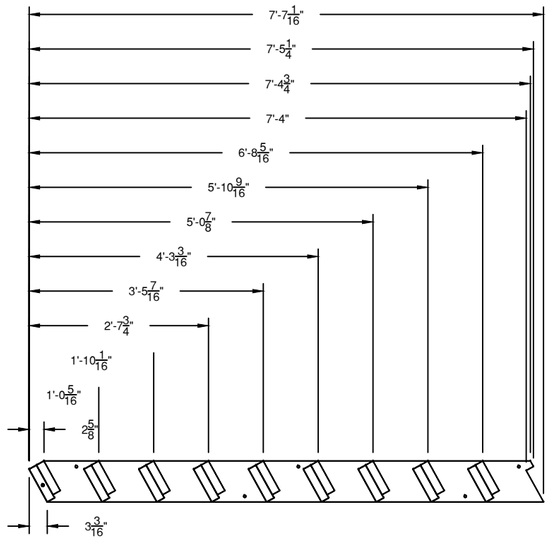
SR STRINGER



FRONT



SL STRINGER



SL STRINGER TREAD LAYOUT

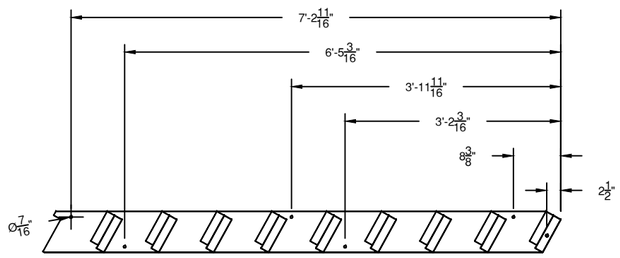
1 / 531 SHIPS LADDER STRINGER LAYOUT

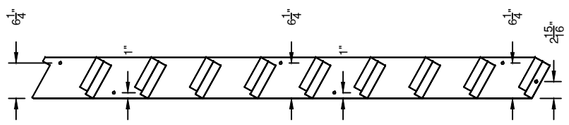
2X8 STRINGERS & 2X8 RIPPED TREADS — 1/2"=1'-0"

STAGE LEFT AND STAGE RIGHT STRINGERS DIFFERNT LENGTH BUT SAME RISE AND RUN

2X2 CLEATS GLUED AND SCRWED TO STRINGERS (JUST SCREWED TO TREADS

ASSEMBLE TREADS AND CLEATS FIRST FOR MORE ACCURATE PLACEMENT





2 / 531 SL STRINGER RAILING HOLE LAYOUT

ALL HOLES 7/16" DIA. — 1/2"=1'-0"

HOLE LAYOUT SAME FOR SL STRINGER

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SHIPS LADDER CONSTRUCTION

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/11/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

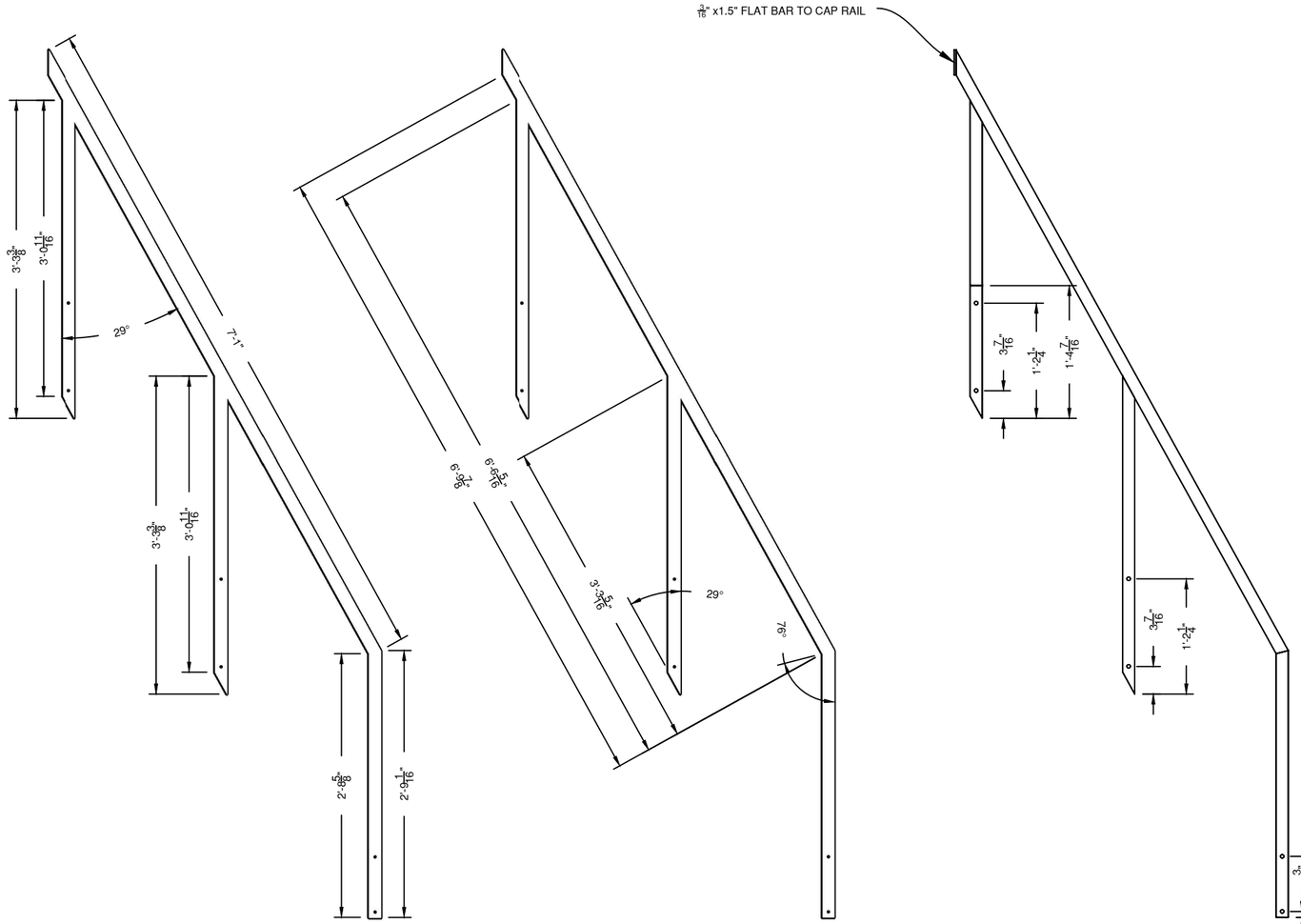
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1/2"=1'-0"

BR-531



1 / 532 SIDE VIEW: SR HANDRAIL FOR SHIPS LADDER 3/4"=1'-0"

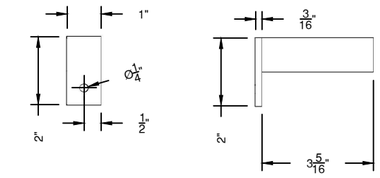
1.5"x.065 SQ TUBE CONST.

HOLES CENTERED IN SQ TUBE

ALL HOLES 7/16"

WELD FILLETS (NEWEL POST NEEDS ALL SIDES WELDED

GRIND & FLAP DISC SMOOTH FOR ACTORS

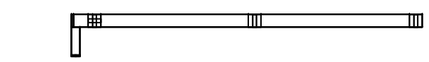


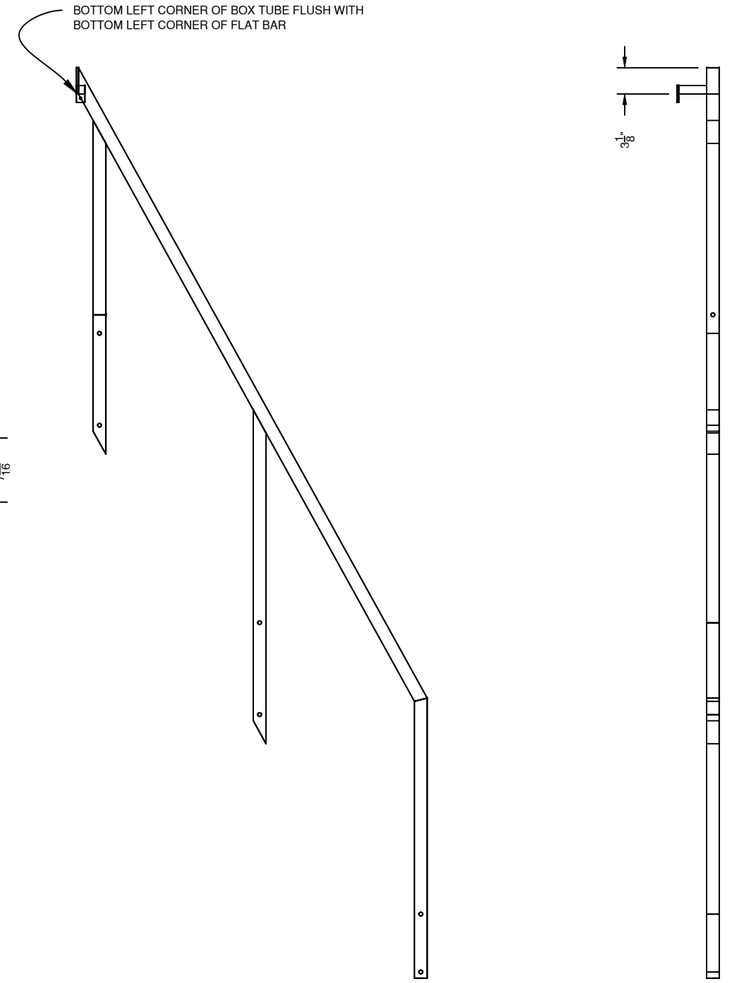
LEFT FRONT

2 / 532 SR RAILING RETURN 3/4"=1'-0"

1"x.065 SQ TUBE & 3/16"X1" FLAT BAR CONST.

WELD 2 SIDES AND GRIND





LEFT FRONT

3 / 533 ORTHO: RETURN ATTACHMENT 3/4"=1'-0"

WELD 2 SIDES, GRIND & FLAP DISC

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

SHIPS LADDER SR RAILING

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-URD
DATE:	6/12/18
FILE:	BR-500-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-532

BROADWAY STYLE FRAMING

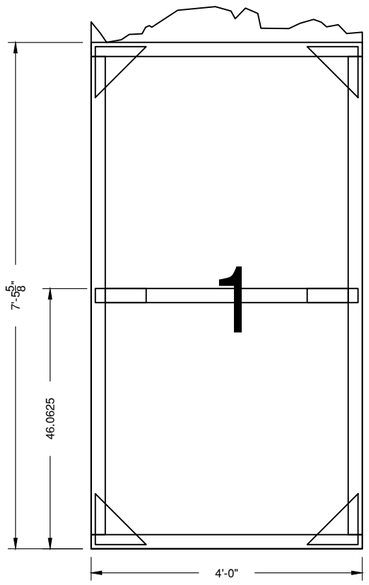
LAUAN FROM CNC, LABELS MATCH

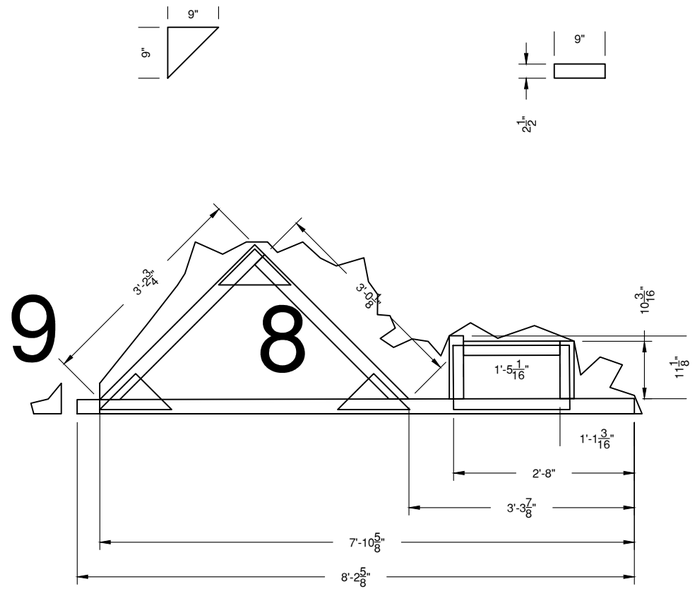
CORNER BLOCKS AND KEYSTONES HAVE $\frac{3}{4}$" GAP TO END OF FRAMING

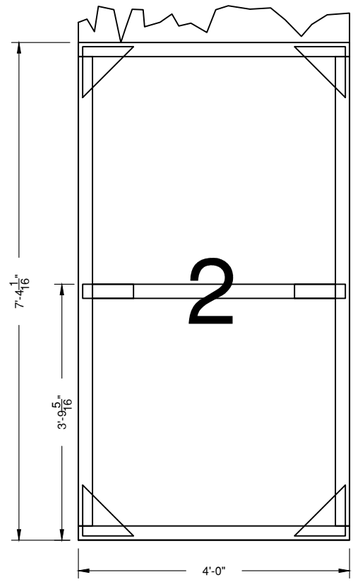
STANDARD CORNER BLOCK AND KEYSTONE DIMENSIONS SHOWN

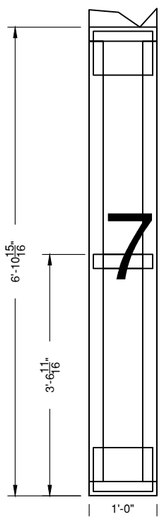
1X6 RIPPED TO $\frac{3}{4}$" X 2 $\frac{1}{2}$"

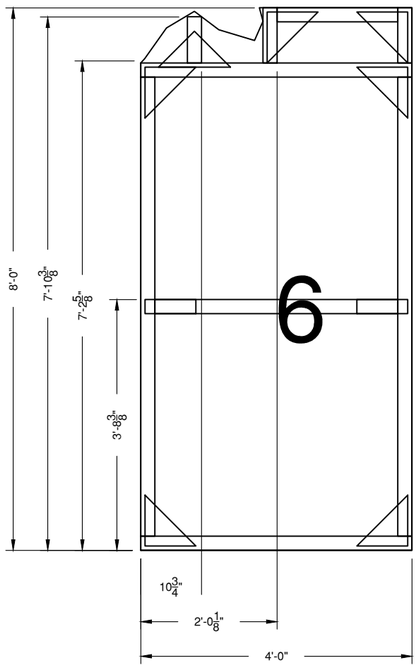
FRONT ELEVATIONS!!!

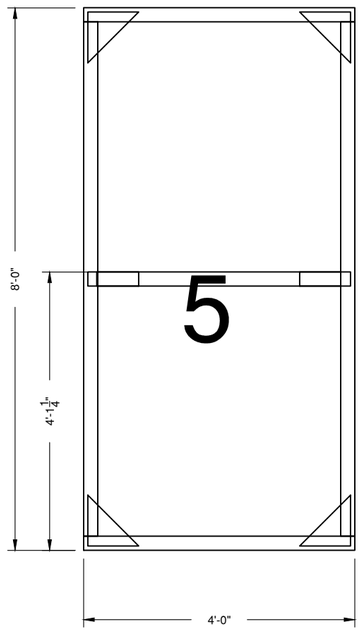


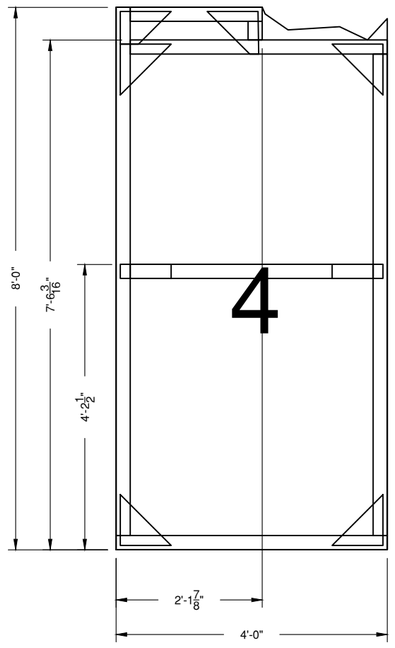


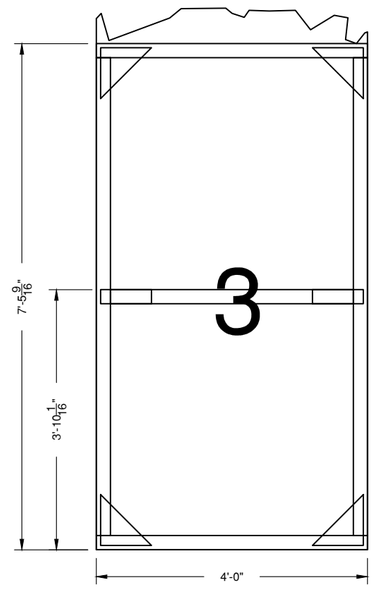












Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE RIGHT DOCK

FIREFLY WALLS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-URD
DATE:	6/16/2018	FILE:	BR-500-USL DOCK.DWG
REV 1:	5/28/18	REV 2:	

BUILD TIME

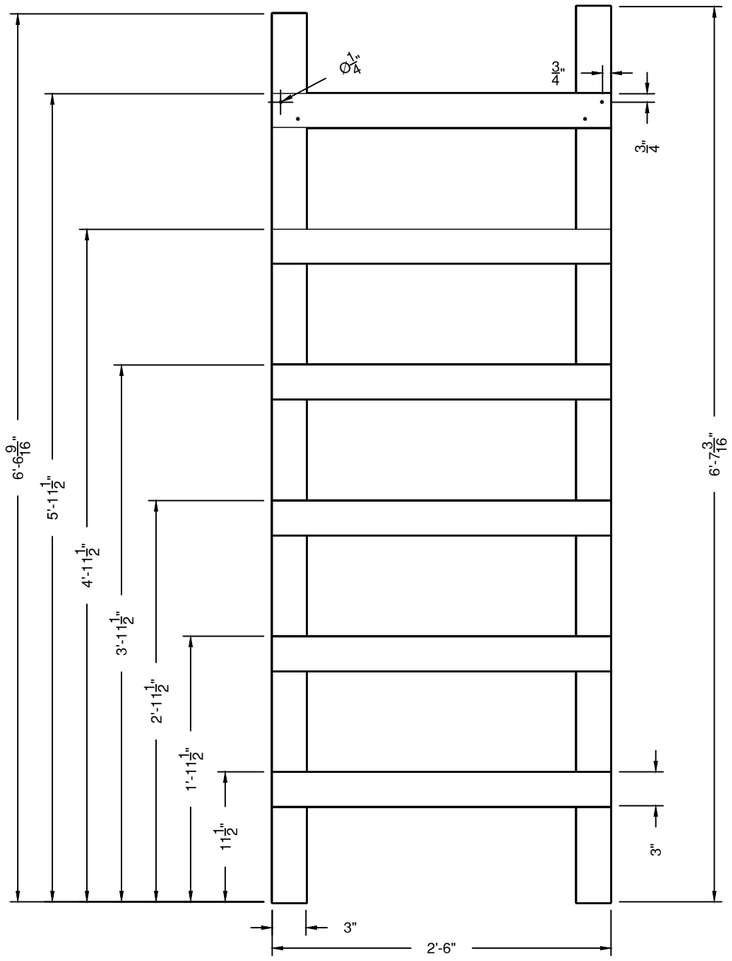
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-533



1 / 601 FRONT VIEW: ON-STAGE LADDER

2X4 RIPPED TO 3" TRUE

HOLES ARE TYP THROUGHOUT

1/4" CARRIAGE BOLTS W/NUTS & WASHERS

1"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

ON-STAGE LADDER

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	5/7/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

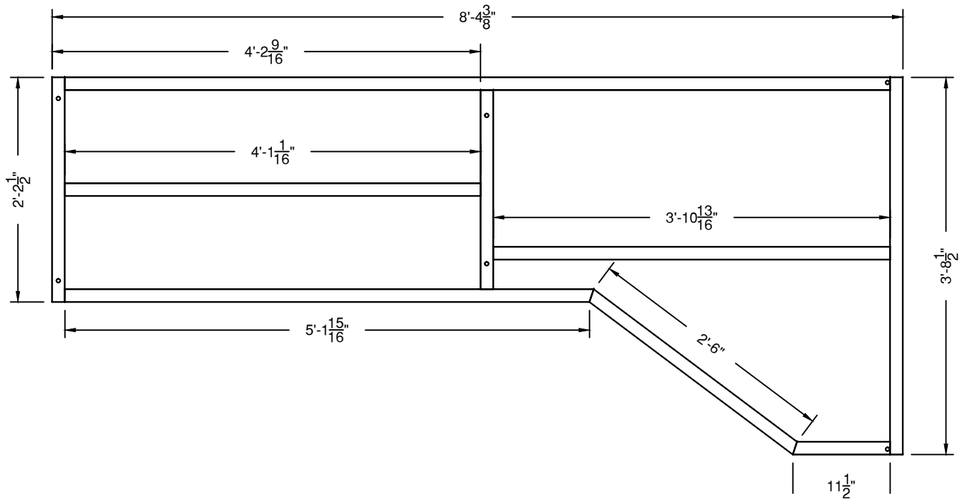
DAY	TIME

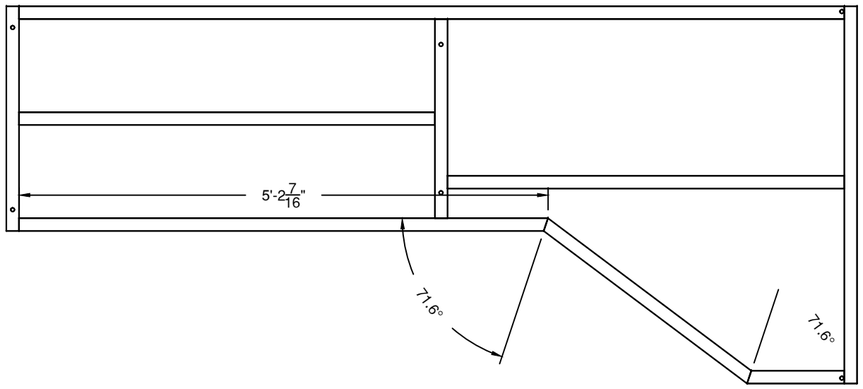
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-601

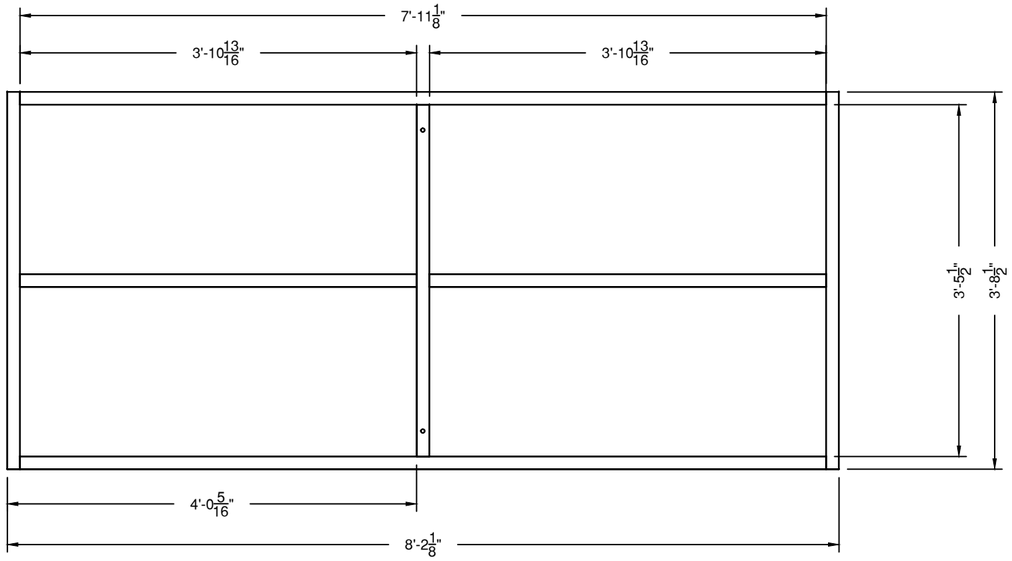




1
602

SR UPPER PLATFORM
1.5" X .065" SQ TUBE
WELD 3 SIDES
GRIND TOP/BOTTOM/OUTIDE EDGES

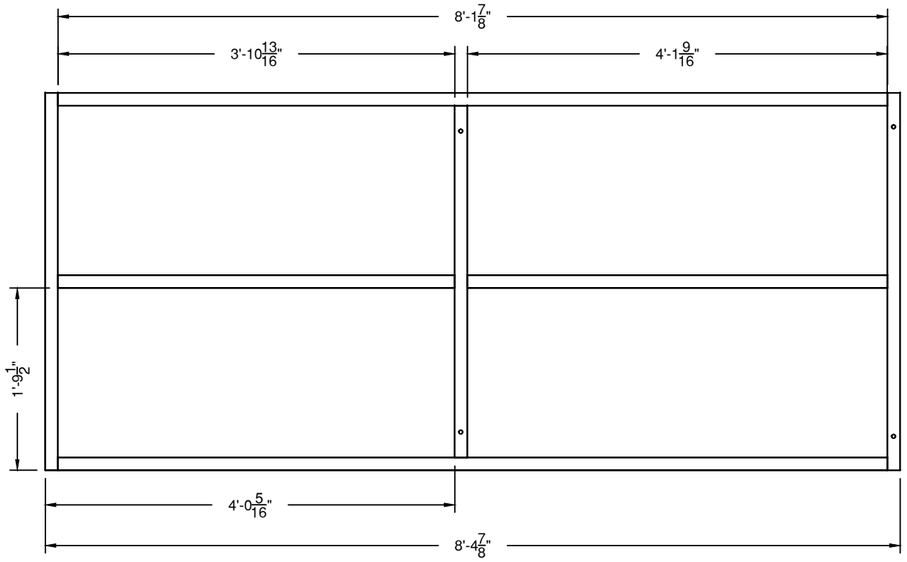
3/4"=1'-0"



2
602

C UPPER PLATFORM
1.5" X .065" SQ TUBE
WELD 3 SIDES
GRIND TOP/BOTTOM/OUTIDE EDGES

3/4"=1'-0"



3
602

SL UPPER PLATFORM
1.5" X .065" SQ TUBE
WELD 3 SIDES
GRIND TOP/BOTTOM/OUTIDE EDGES

3/4"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

UPPER PLATFORMS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-ULD
DATE:	5/7/18	FILE:	BR-600-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

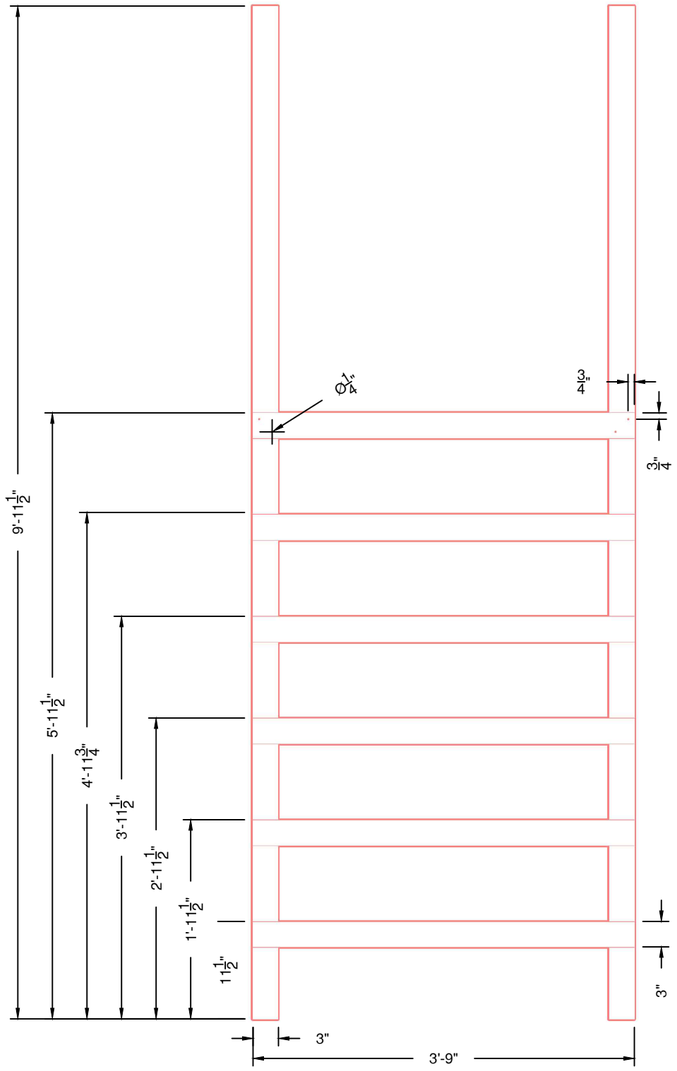
DAY	TIME

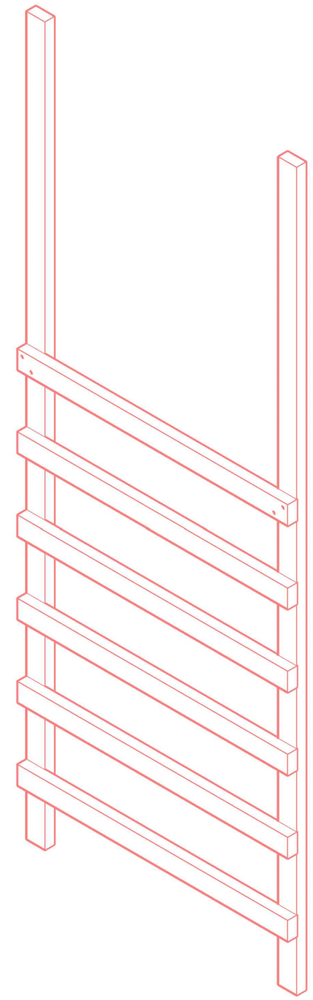
MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-602





1 / 603 — OFF STAGE DOCK FRONT VIEW — ISO — 3/4"=1'-0"

2x4 CONST. RIPPED TO 3" TRUE
HOLES LOCATIONS ARE TYP.
USE 1/4" CARRIAGE BOLT AND STANDARD NUTS & WASHERS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

OFF-STAGE LADDER

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	5/7/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

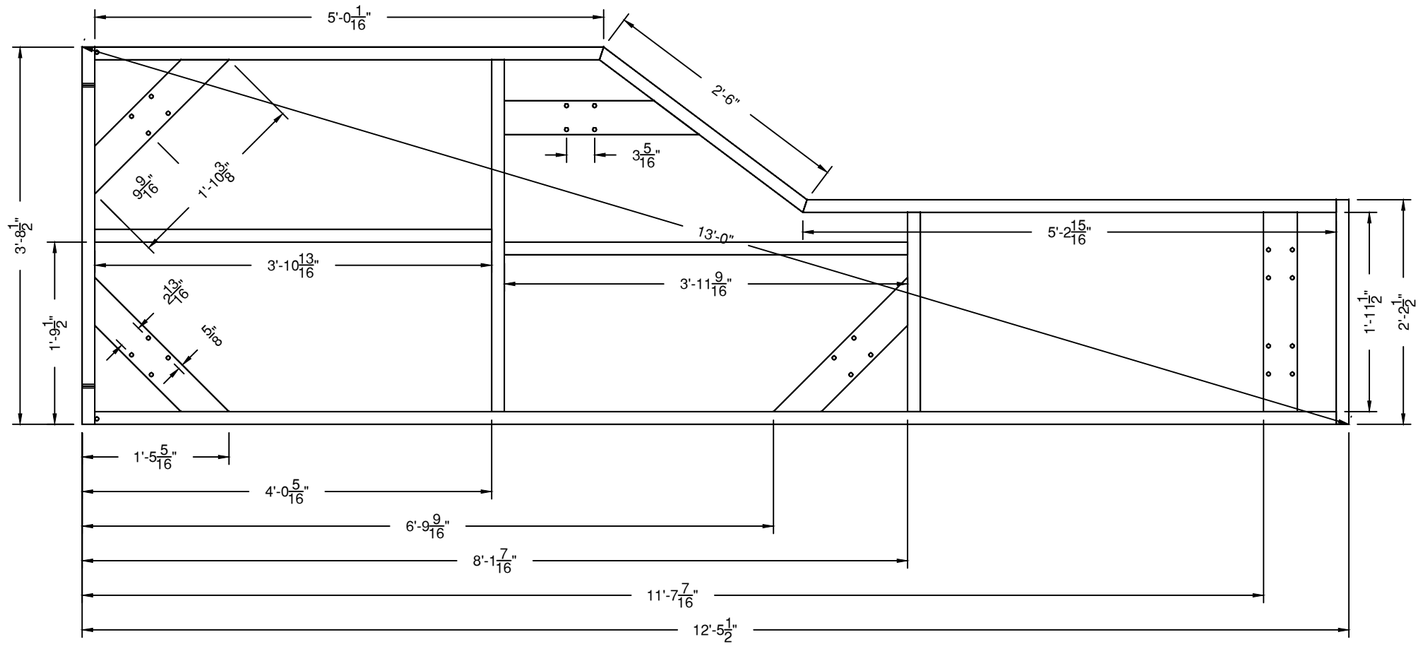
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-603



1 / 604 TOP VIEW: SR LOWER PLATFORM - TOP FRAME

1.5"X.065" SQ TUBE FRAME

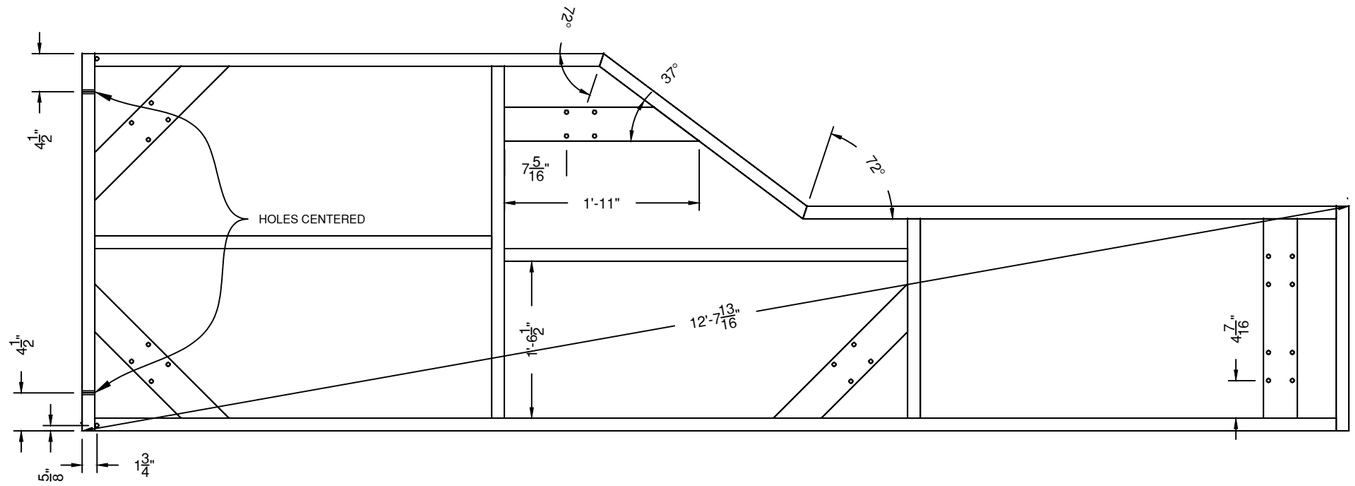
4"X.25" FLAT BAR CASTER PLATES (USE SCRAP 1ST)

HOLES ARE 7/16"

WELD 2 SIDES

AVOID GRINDING WHEN POSSIBLE

3/4"=1'-0"



2 / 604 TOP VIEW: SR LOWER PLATFORM - TOP FRAME HOLE LAYOUT

7/16" HOLES

CHECK ALL DIMENSIONS BEFORE DRILLING

BE SURE TO PUNCH STEEL SO HOLES ARE ACCURATE

3/4"=1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

LOWER PLATFORMS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-ULD
DATE:	5/29/18	FILE:	BR-600-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

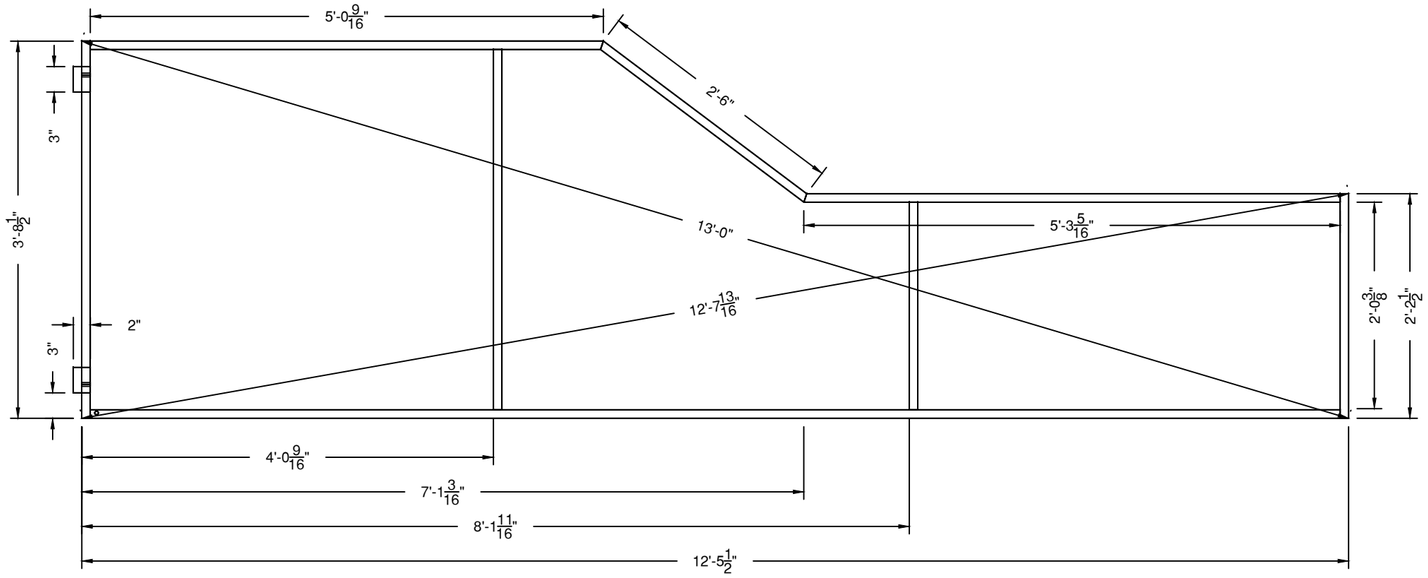
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-604



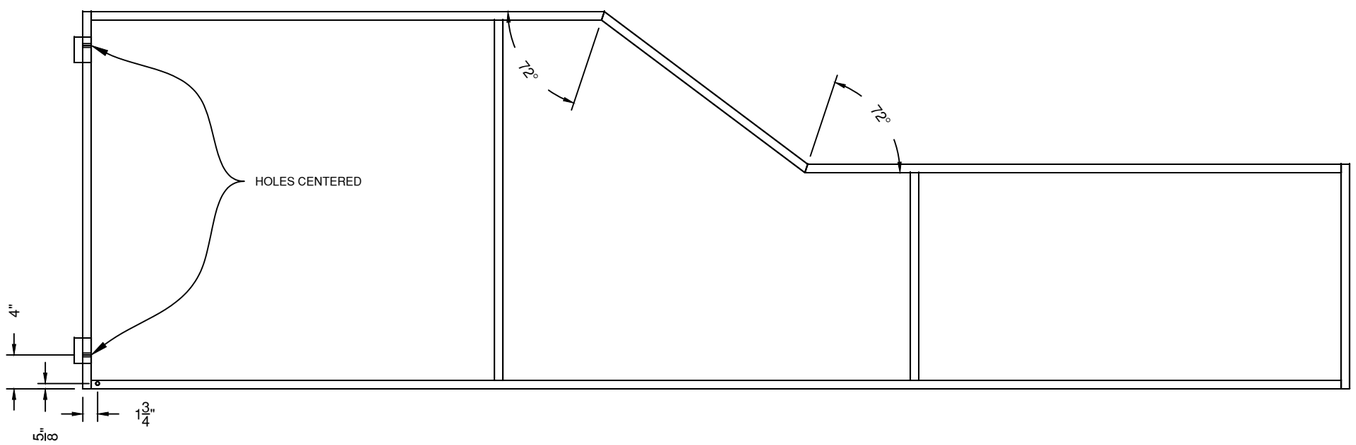
1 / 605 TOP VIEW: SR LOWER PLATFORM - BOTTOM FRAME

1"X.065" SQ TUBE FRAME (WELD 2 SIDES) 3/4"=1'-0"

HOLES ARE 7/16"

2"x3/16" FLAT BAR TABS (2"X3") WELDED ON BOTTOM

AVOID GRINDING WHEN POSSIBLE



2 / 605 TOP VIEW: SR LOWER PLATFORM - TOP FRAME HOLE LAYOUT

7/16" HOLES 3/4"=1'-0"

CHECK ALL DIMENSIONS BEFORE DRILLING

BE SURE TO PUNCH STEEL SO HOLES ARE ACCURATE

3 / 605 TOP VIEW: TRUSS PIECE

1"X1.5"X.065" REC. TUBE FULL

4 / 605 FRONT VIEW: TRUSS PIECE

1"X1.5"X.065" REC. TUBE FULL

MAKE 25

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

LOWER PLATFORMS

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	5/29/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

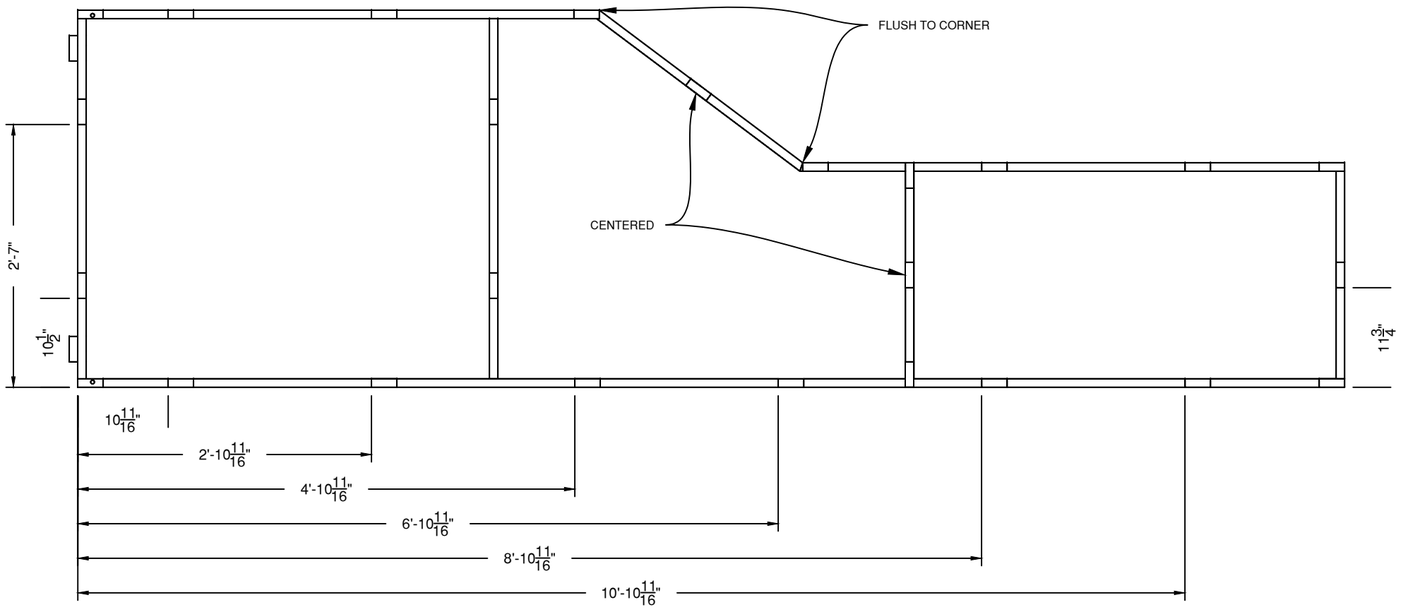
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-605



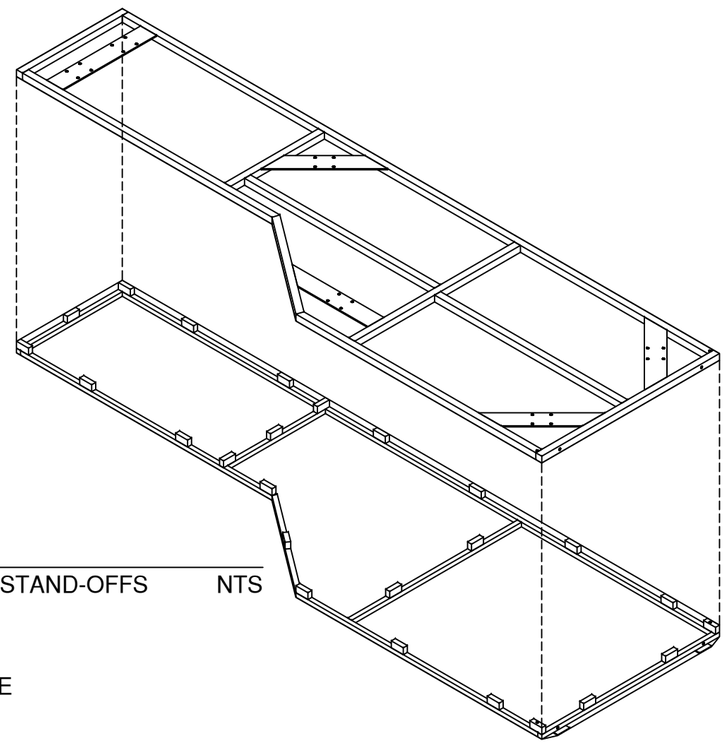
1 / 606 TOP VIEW: SR LOWER PLAT. BOTTOM FRAME TRUSS LAYOUT

1"X1.5" REC TUBE WELDED TO TOP OF BOTTOM FRAME — 3/4"=1'-0"

CREATES 1.5" STAND-OFF TO ATTACH TOP PLATFORM TO

WELD INSIDE & EDGES

AVOID GRINDING WHEREVER POSSIBLE



2 / 606 ASSEMBLY

LAYOUT TOP FAME ON TOP OF TRUSS STAND-OFFS — NTS

SQUARE UP & TACK WELD

WELD INSIDE & EDGES

AVOID GRINDING WHEREVER POSSIBLE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

SR LP ASSEMBLY

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	5/30/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

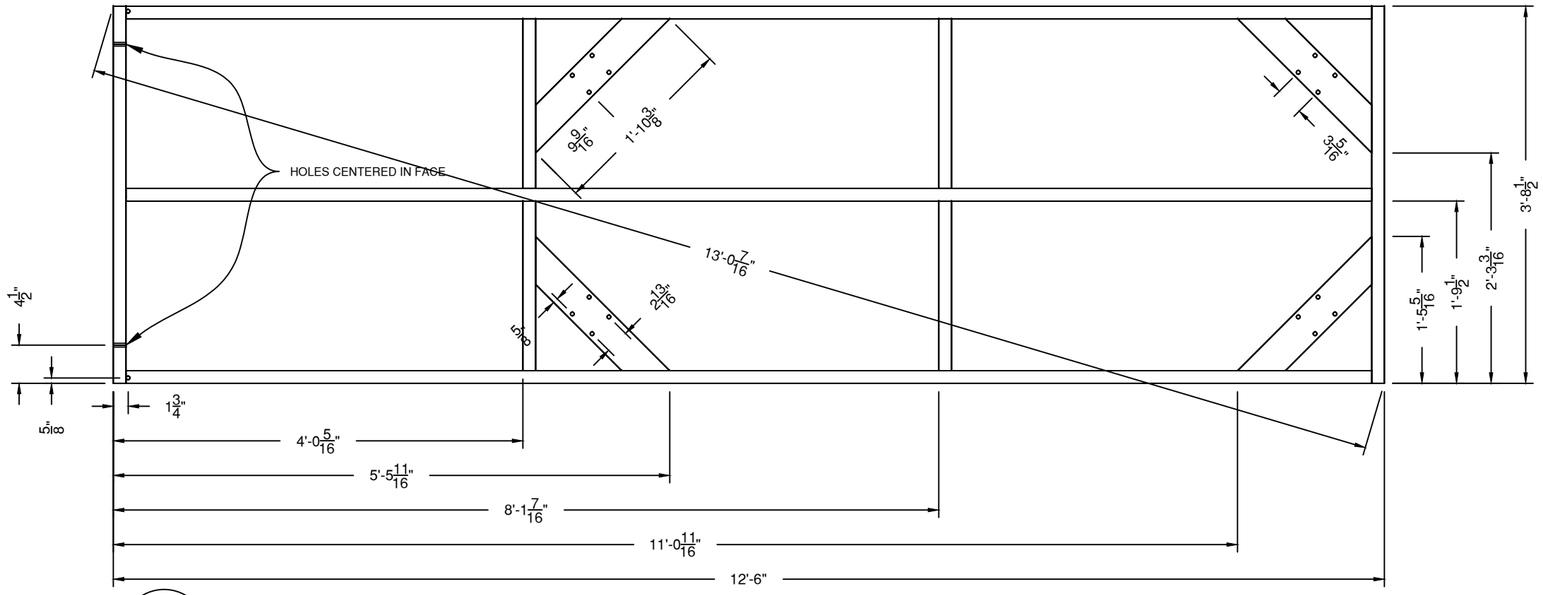
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-606



1 / 607 — TOP VIEW: SL LOWER PLATFORM - TOP FRAME — 3/4"=1'-0"

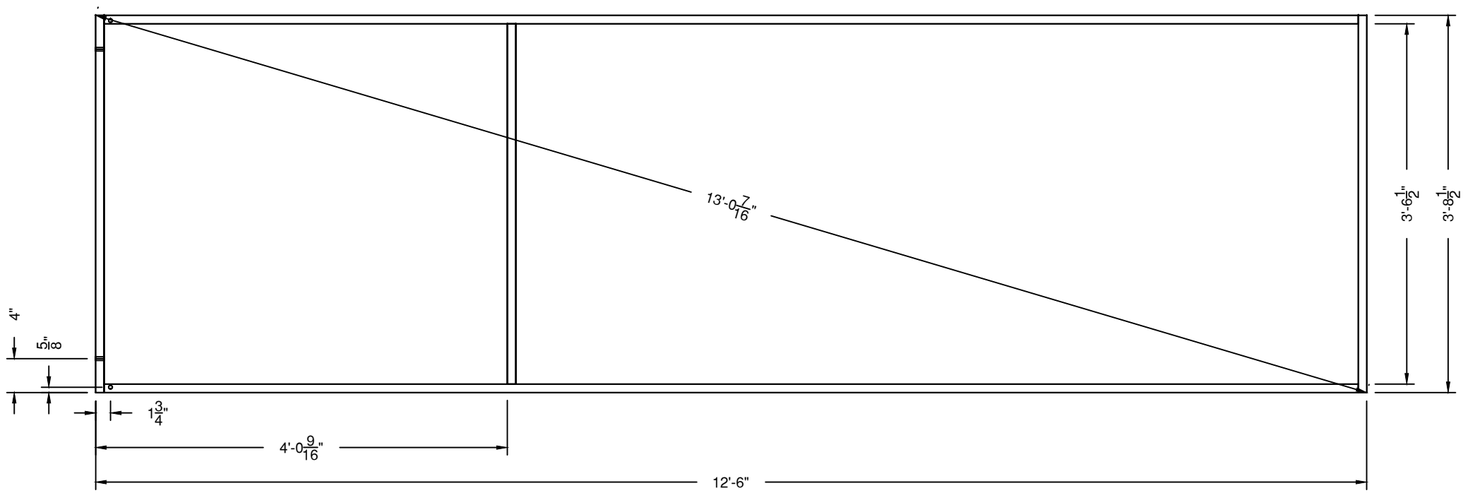
1.5"X.065" SQ TUBE FRAME

4"X.25" FLAT BAR CASTER PLATES (USE SCRAP 1ST)

HOLES ARE 7/16"

WELD 2 SIDES

AVOID GRINDING WHEN POSSIBLE



2 / 607 — TOP VIEW: SL LOWER PLATFORM - BOTTOM FRAME — 3/4"=1'-0"

1"X.065" SQ TUBE FRAME (WELD 2 SIDES)

HOLES ARE 7/16"

AVOID GRINDING WHEN POSSIBLE

3 / 607 — TOP VIEW: TRUSS PIECE — FULL

1"X1.5"X.065" REC. TUBE

4 / 607 — FRONT VIEW: TRUSS PIECE — FULL

1"X1.5"X.065" REC. TUBE

MAKE 21

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

LOWER PLATFORMS

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	5/29/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

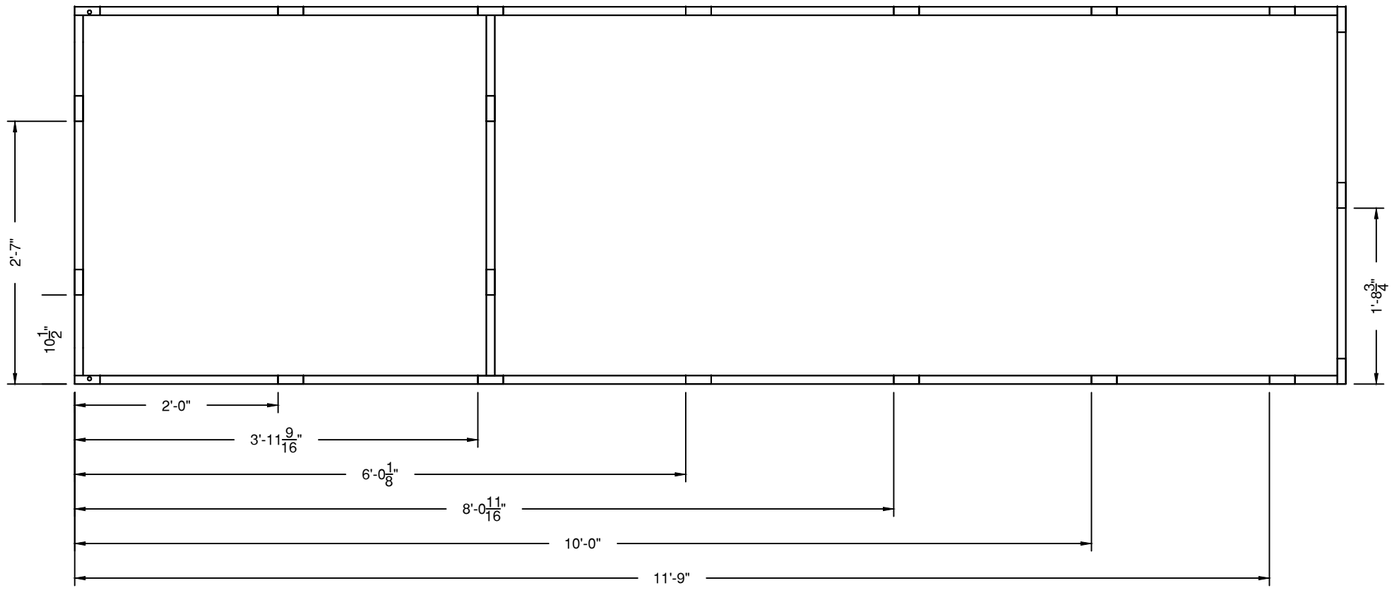
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-607



1 / 608 TOP VIEW: SL LOWER PLAT. BOTTOM FRAME TRUSS LAYOUT

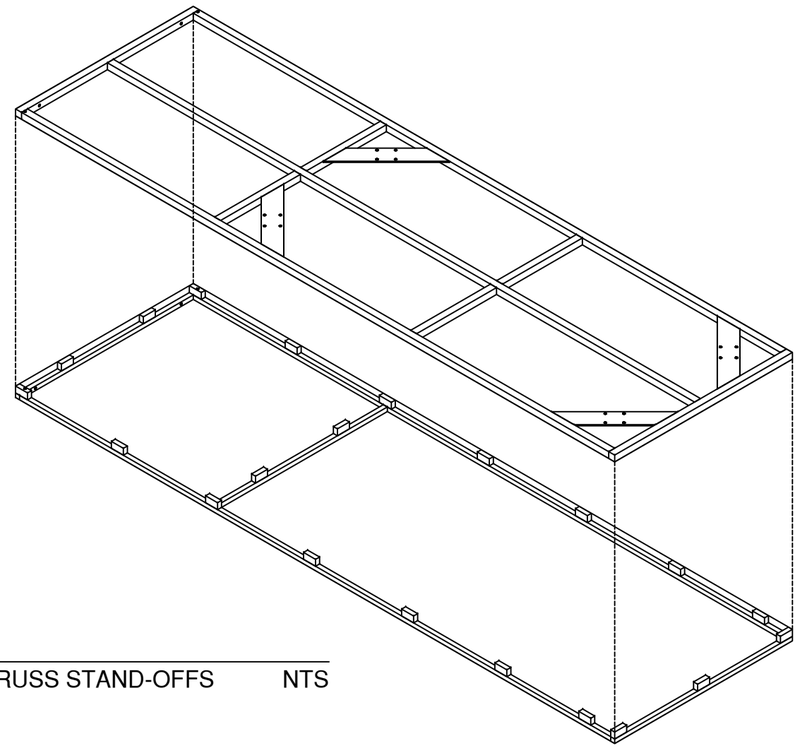
1"X1.5" REC TUBE WELDED TO TOP OF BOTTOM FRAME

CREATES 1.5" STAND-OFF TO ATTACH TOP PLATFORM TO

WELD INSIDE & EDGES

AVOID GRINDING WHEREVER POSSIBLE

3/4"=1'-0"



2 / 608 ASSEMBLY

LAYOUT TOP FAME ON TOP OF TRUSS STAND-OFFS

SQUARE UP & TACK WELD

WELD INSIDE & EDGES

AVOID GRINDING WHEREVER POSSIBLE

NTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

SL LP ASSEMBLY

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-ULD
DATE:	5/29/18	FILE:	BR-600-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

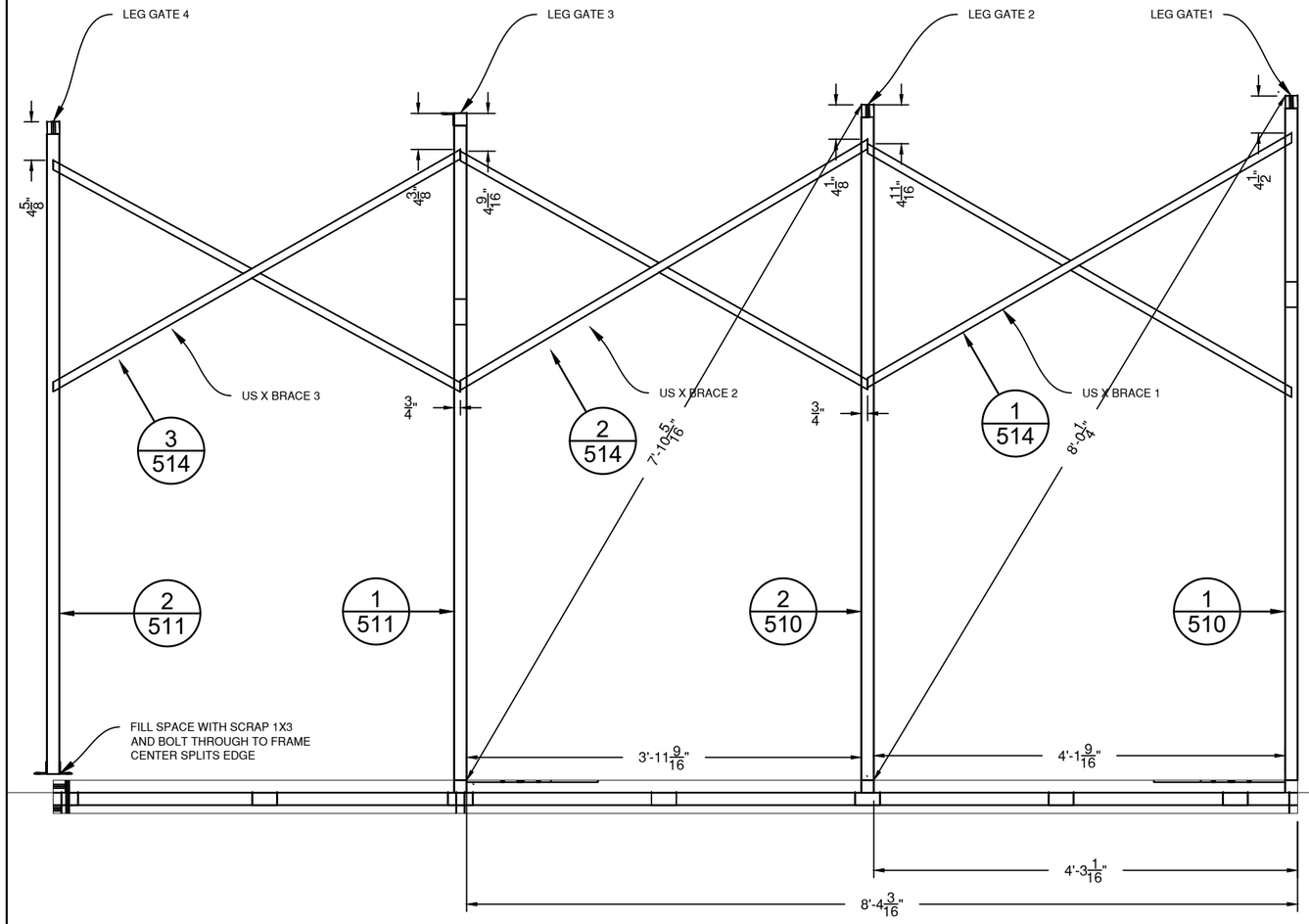
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-608



1 / 609 FRONT VIEW: SI LOWER PLATFORM, GATES 1-4, & US X BRACING 1-3 — 3/4"=1'-0"

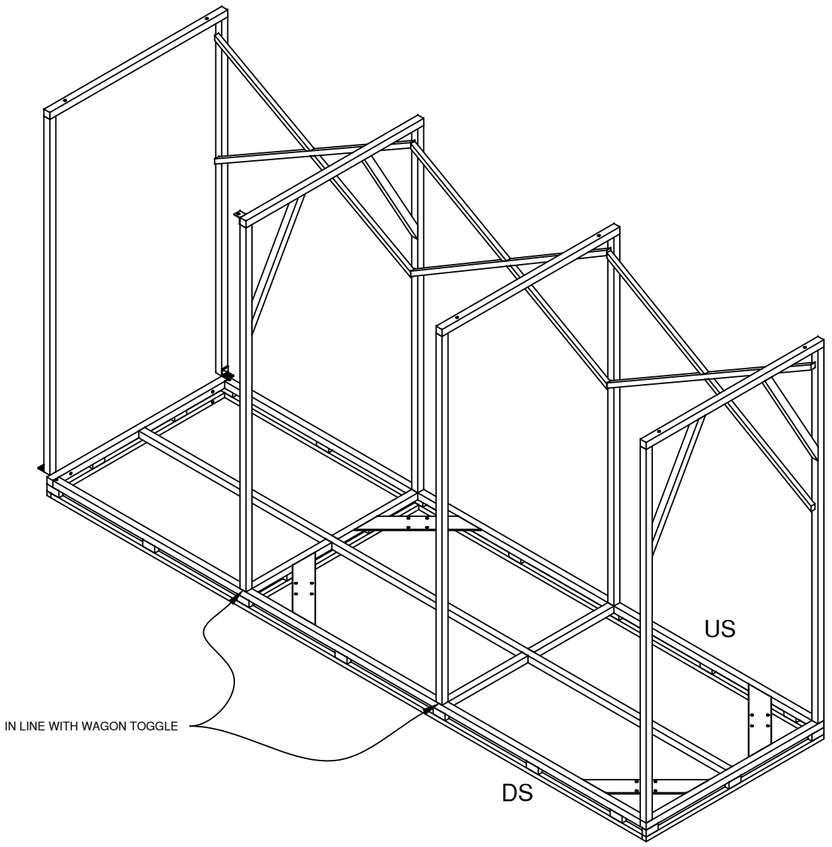
WELD 3 FILLETS (LEFT, RIGHT, & INSIDE)

MAKE SURE GATES ARE PERPENDICULAR TO WAGON FRAME

GATE 1 IS FLUSH TO BACK EDGE

X BRACES WELDED TO INSIDE EDGE OF US VERTICALS

GATE 4 DOES NOT WELD TO PLATFORM



2 / 609 ISOMETRIC — NTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

GATES 1-4 & US X BRACE INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	5/30/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

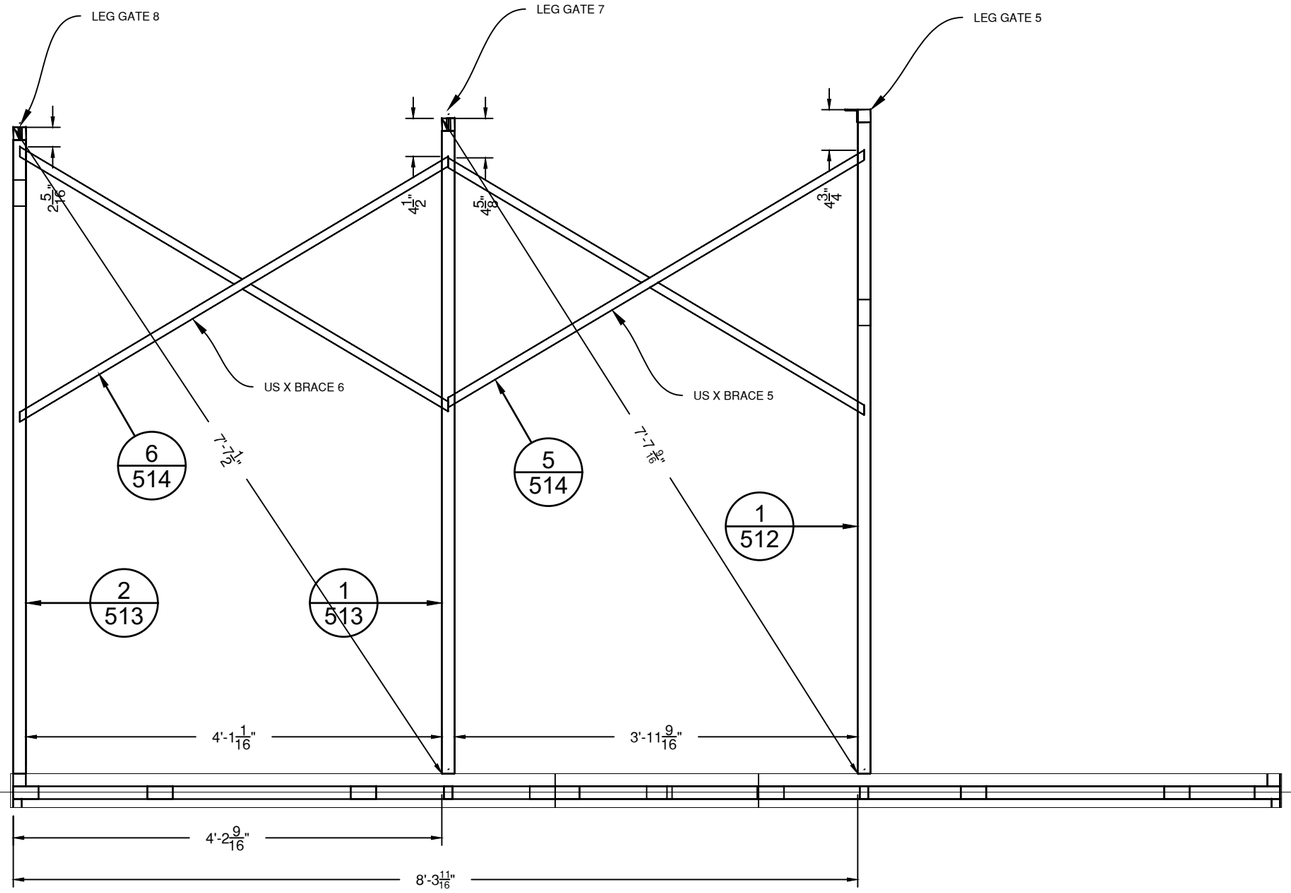
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

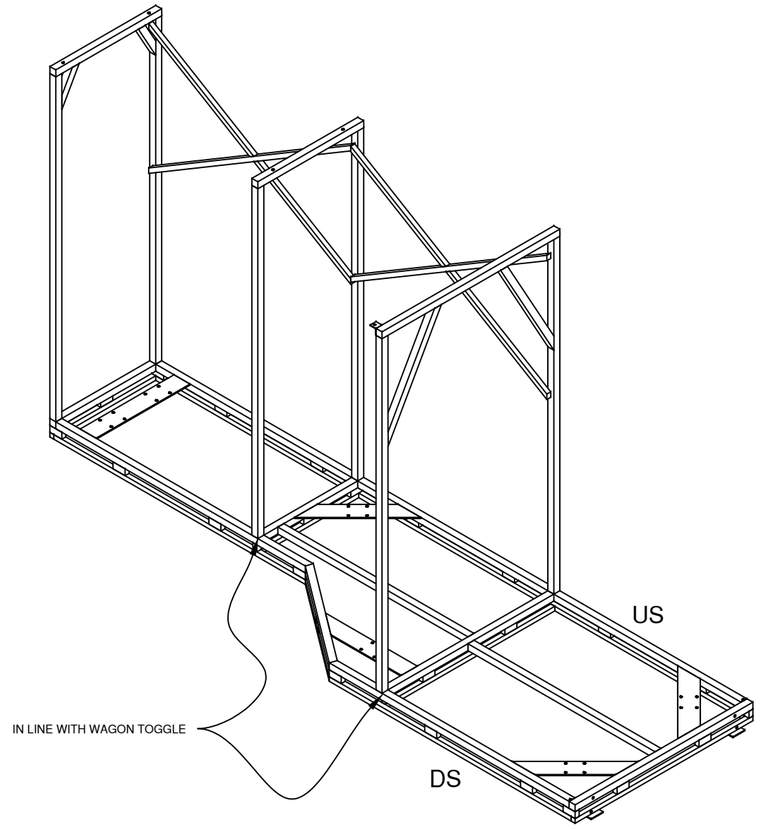
SCALE: 3/4"=1'-0"

BR-609



1 / 611 FRONT VIEW: SR LOWER PLATFORM, GATES 5,7,8 & US X BRACING 5&6 — 3/4"=1'-0"

WELD 3 FILLETS (LEFT, RIGHT, & INSIDE)
MAKE SURE GATES ARE PERPENDICULAR TO WAGON FRAME
GATE 8 IS FLUSH TO EDGE
X BRACES WELDED TO INSIDE EDGE OF US VERTICALS



2 / 611 ISOMETRIC — NTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

GATES 5,7,8 & US X BRACE INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	6/5/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

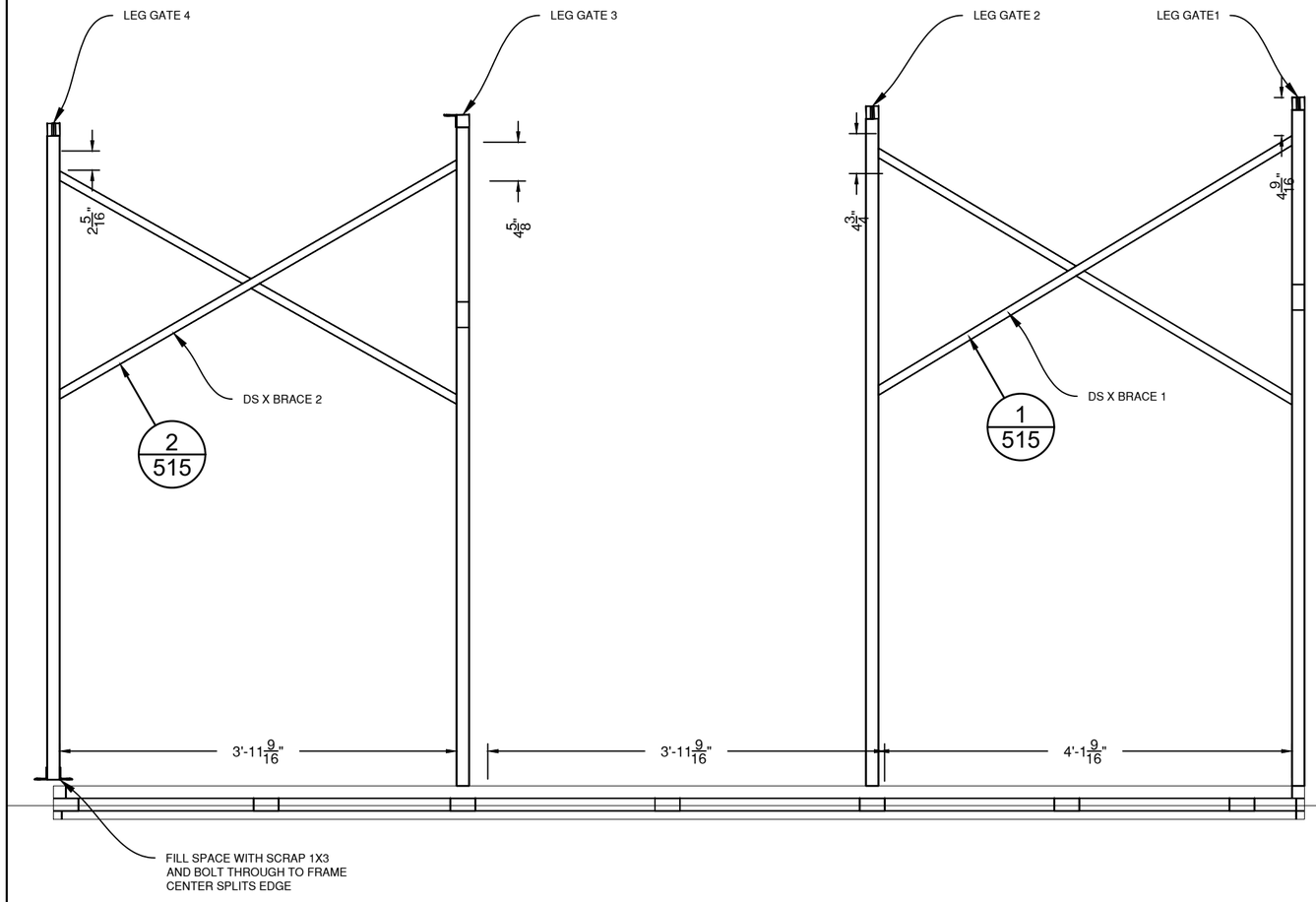
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-611



1 / 610 FRONT VIEW: SL LOWER PLATFORM, GATES 1-4, & DS X BRACING 1 & 2 — 3/4"=1'-0"

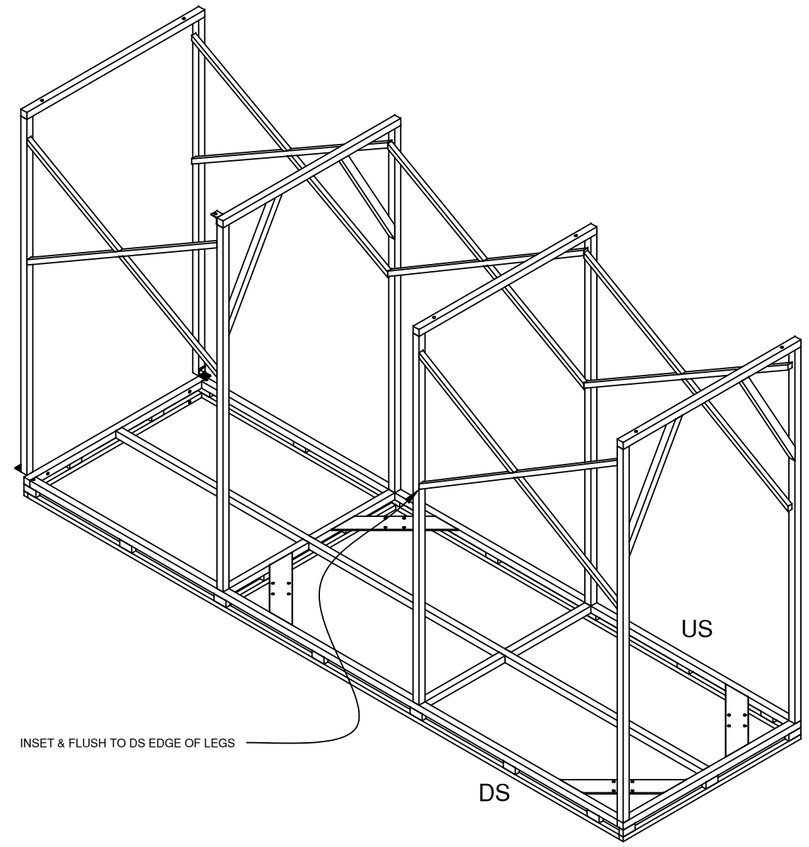
WELD 2 FILLETS

MAKE SURE GATES ARE PERPENDICULAR TO WAGON FRAME

DOWNSTAGE X BRACES ARE FLUSH TO FACE OF LEG GATES

UPSTAGE BRACES OMITTED FOR CLARITY

GATE 4 DOES NOT WELD TO PLATFORM



2 / 610 ISOMETRIC — NTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

GATES 1-4 & DS X BRACE INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-ULD
DATE:	6/4/18	FILE:	BR-600-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

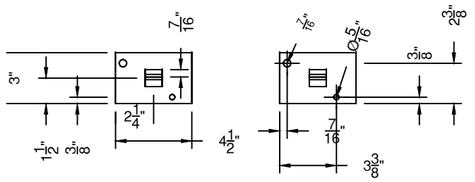
DAY	TIME

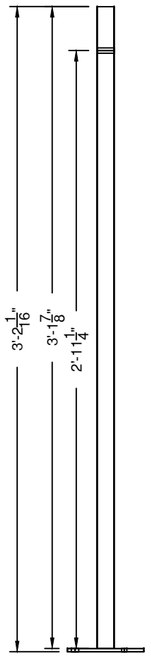
MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

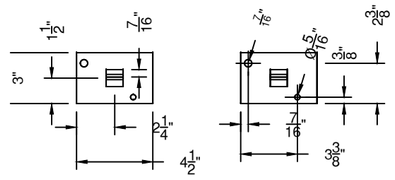
BR-610

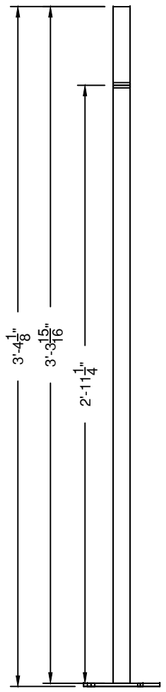




1 / 612 FRONT VIEW: US BALUSTER 1 & DS BALUSTER 1

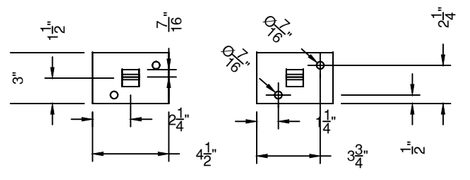
1"x.065 SQ TUBE & 3/16"x3" PLATE 1-1/2"=1'-0"
WELD TWO SIDES
BUILD 2 (R&R)
2ND BALUSTER IS FOR DS RAILING
2ND BALUSTER DOES NOT NEED HOLE IN 1" SQ TUBE

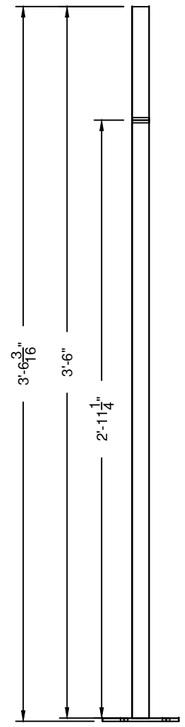




2 / 612 FRONT VIEW: US BALUSTER 2 & DS BALUSTER 2

1"x.065 SQ TUBE & 3/16"x3" PLATE 1-1/2"=1'-0"
WELD TWO SIDES
BUILD 2 (R&R)
2ND BALUSTER IS FOR DS RAILING
2ND BALUSTER DOES NOT NEED HOLE IN 1" SQ TUBE





3 / 612 FRONT VIEW: US BALUSTER 3 & DS BALUSTER 4

1"x.065 SQ TUBE & 3/16"x3" PLATE 1-1/2"=1'-0"
WELD TWO SIDES
BUILD 2 (R&R)
2ND BALUSTER IS FOR DS RAILING
2ND BALUSTER DOES NOT NEED HOLE IN 1" SQ TUBE

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

RALING BALUSTERS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-ULD
DATE:	6/7/18	FILE:	BR-600-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

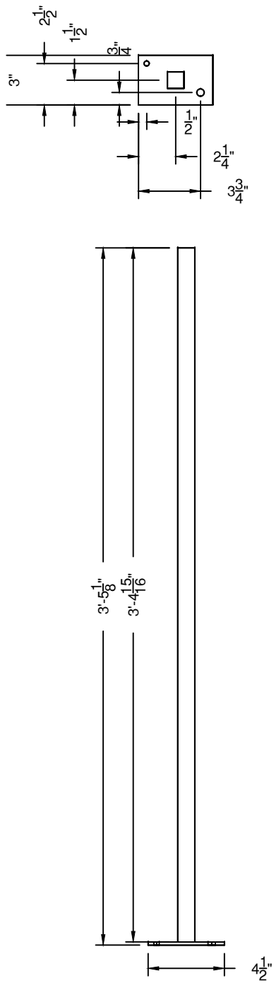
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1-1/2"=1'-0"

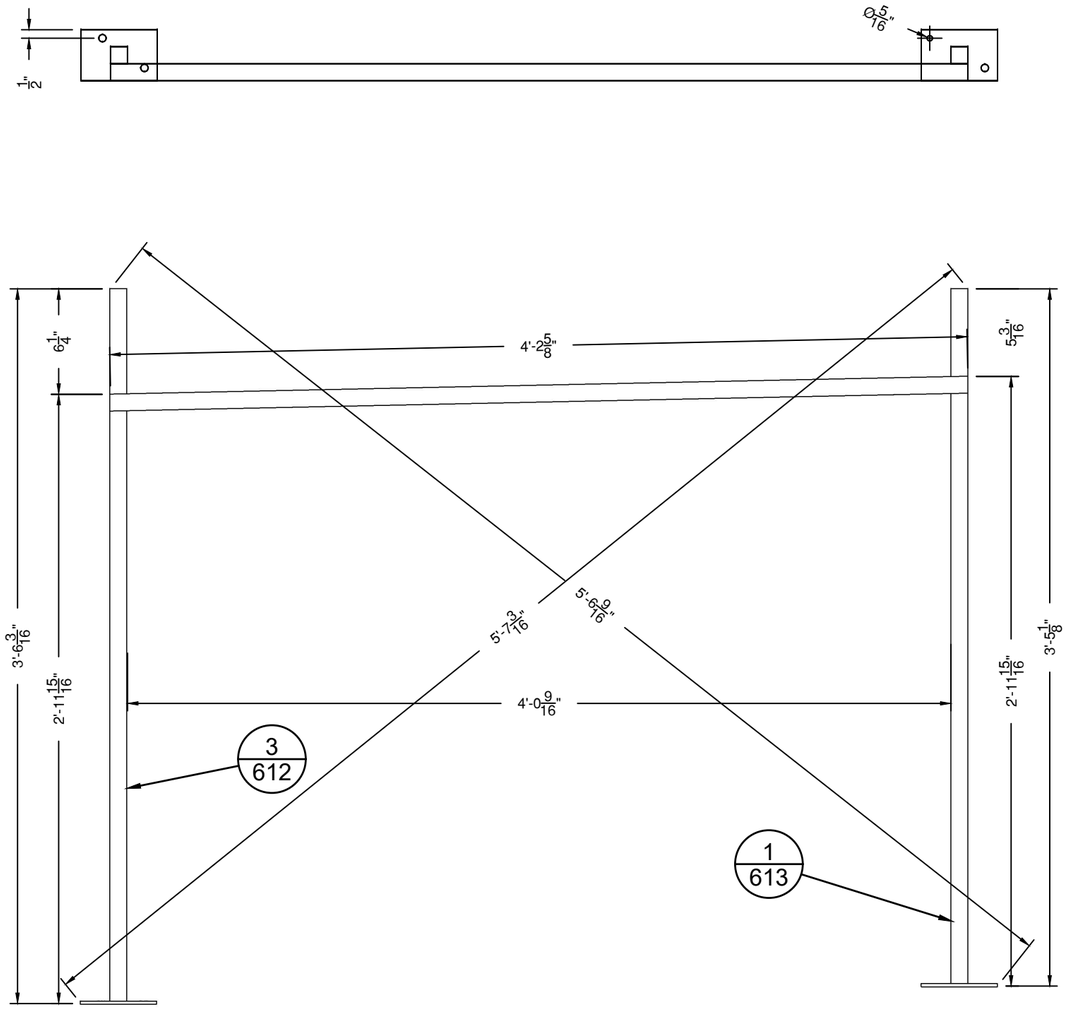
BR-612



1 / 613 FRONT VIEW: DS BALUSTER 3

1"x.065 SQ TUBE & 3/16"x3" PLATE 1-1/2"=1'-0"

WELD TWO SIDES



2 / 613 FRONT & TOP VIEWS: DOWNSTAGE RIGHT RAILING ASSEMBLY

1"x.065 SQ TUBE RAILING 1-1/2"=1'-0"

BALUSTERS WELD TO RAIL

WELD 2 SIDES

NOTE BALUSTERS FIT TO RAKE SO BOTTOMS ARE NOT EVEN

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BIG RIVER

UP-STAGE LEFT DOCK

DS BALUSTER 3 & DSR RAIL

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-ULD
DATE:	6/12/18	FILE:	BR-600-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

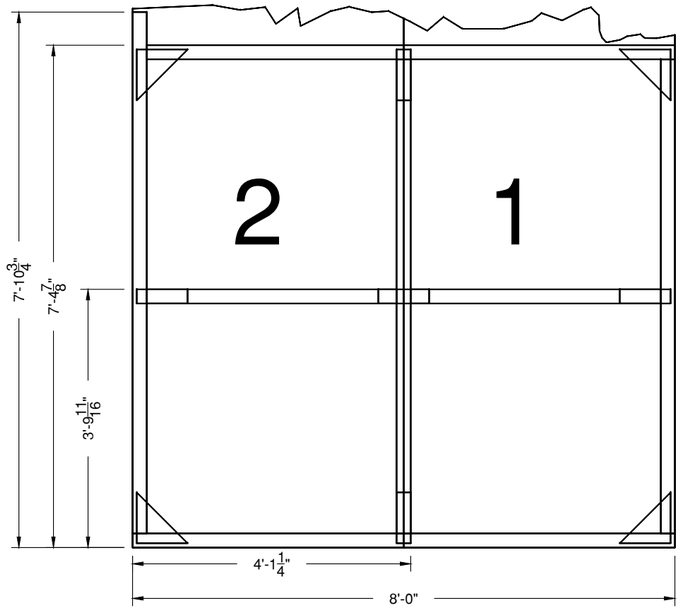
DAY	TIME

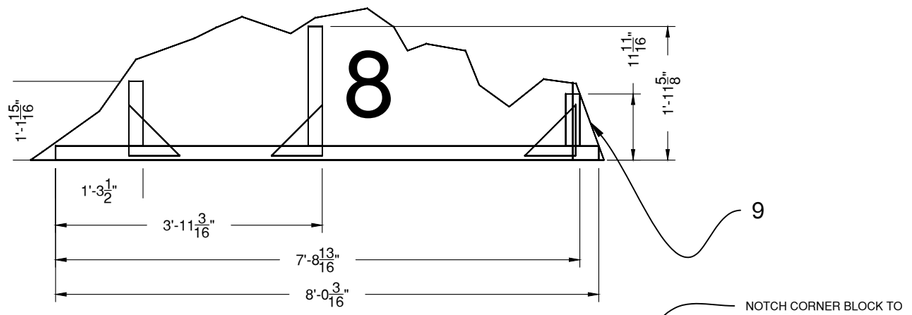
MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1-1/2"=1'-0"

BR-613





BROADWAY STYLE FRAMING

LAUAN FROM CNC, LABELS MATCH

CORNER BLOCKS AND KEYSTONES HAVE $\frac{3}{4}$" GAP TO END OF FRAMING

STANDARD CORNER BLOCK AND KEYSTONE DIMENSIONS SHOWN

1X6 RIPPED TO $\frac{3}{4}$" X 2 $\frac{1}{2}$"

REAR ELEVATIONS!!!

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

FIREFLY FLATS

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG. BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	6/16/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

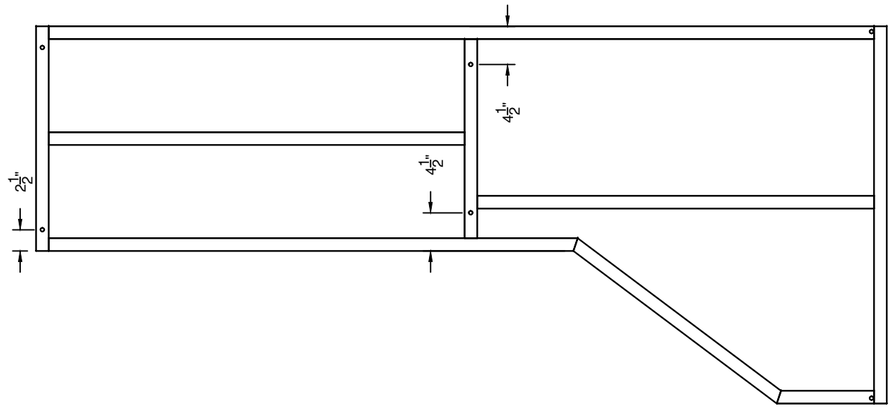
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 1/2"=1'-0"

BR-614



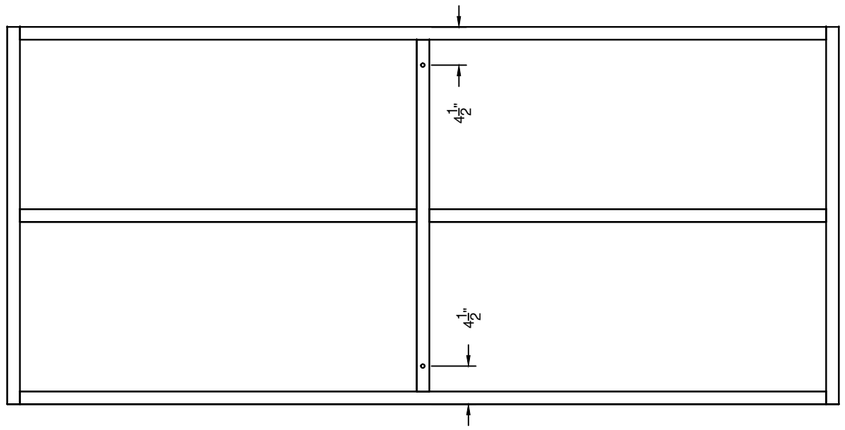
1 / 615 SR UPPER PLATFORM

7/16" HOLES — 3/4"=1'-0"

STEP UP DRILL BITS TO MAKE HOLES

ALL HOLES CENTERED IN 1-1/2" SQ TUBE

HOLES SHOULD MATCH WITH GATES BELOW



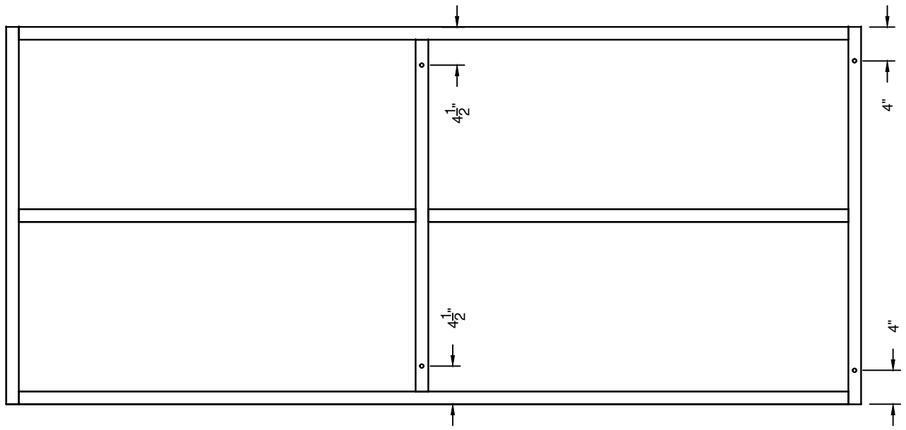
2 / 615 C UPPER PLATFORM

7/16" HOLES — 3/4"=1'-0"

STEP UP DRILL BITS TO MAKE HOLES

ALL HOLES CENTERED IN SQ TUBE

HOLES SHOULD MATCH WITH GATES BELOW



3 / 615 SL UPPER PLATFORM

7/16" HOLES — 3/4"=1'-0"

STEP UP DRILL BITS TO MAKE HOLES

ALL HOLES CENTERED IN SQ TUBE

HOLES SHOULD MATCH WITH GATES BELOW

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP-STAGE LEFT DOCK

UPPER PLATFORMS HOLES

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	TKF	INVENTORY CODE:	BR-ULD
DATE:	6/7/18	FILE:	BR-600-USL DOCK.DWG
REV 1:		REV 2:	

BUILD TIME

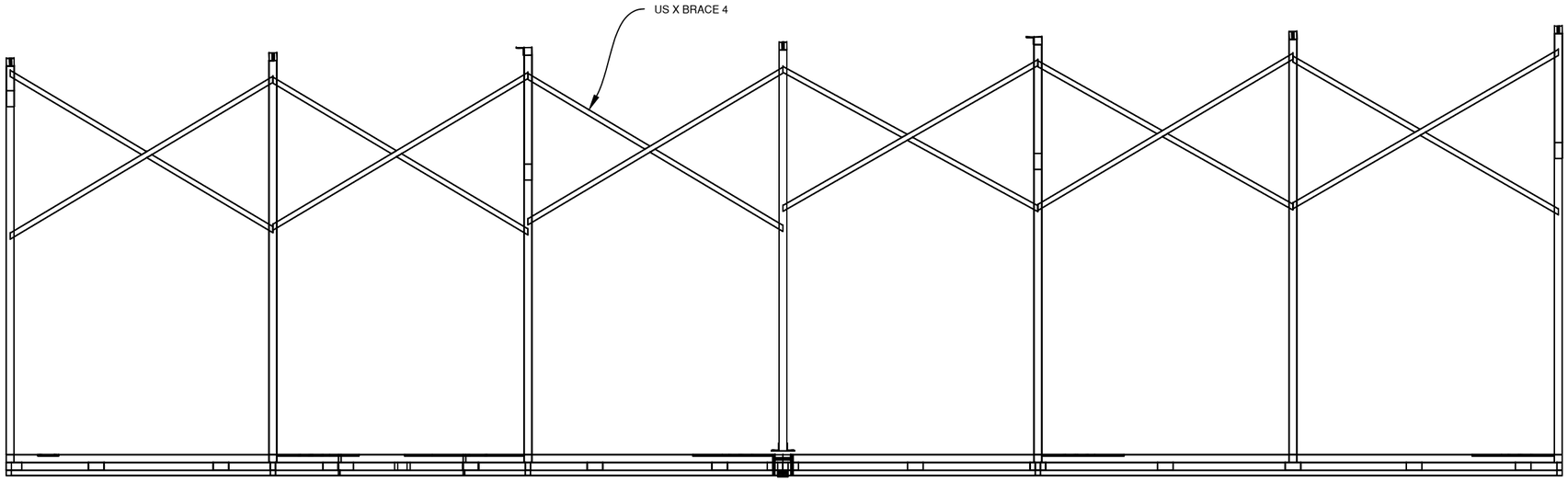
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: 3/4"=1'-0"

BR-615



SR PLATFORM

SL PLATFORM

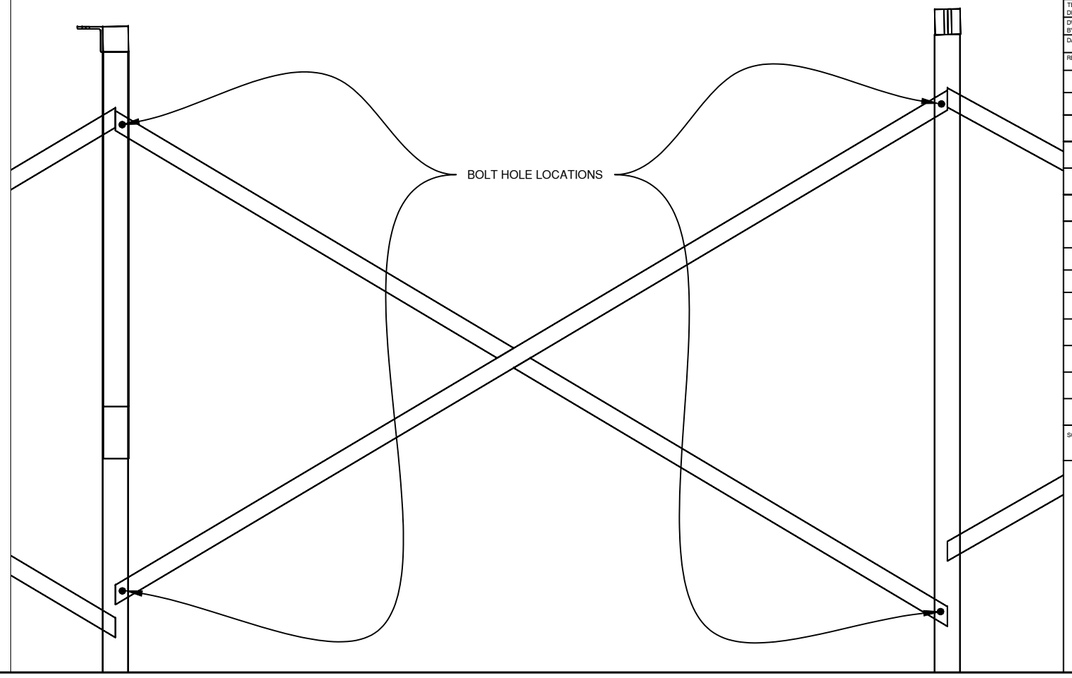
1 / 616 FRONT VIEW: UP-STAGE GATE 4 INSTALL

1/2"=1'-0"

BOLT TOGETHER SL & SR PLATFORMS
CLAMP US X BRACE 4 IN PLACE
DRILL 5/16" HOLES THROUGH X BRACE AND GATES ON EITHER SIDE AT EACH END
WELD 1/4" WELDNUT TO UPSTAGE SIDE OF GATES IN EACH DRILLED HOLE
BOLT X BRACE IN POSITION

2 / 616 FRONT VIEW: DETAIL OF BOLT HOLES

1-1/2"=1'-0"



Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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BIG RIVER

UP-STAGE LEFT DOCK

US X BRACE 4 INSTALL

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	6/5/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-616

CUT LIST FOR 1/2" SANDE-PLY

5-1/2" WIDTH
20 @ 8'

4" WIDTH
4 @ 8'

2.5" WIDTH
15 @ 8'

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Randall Jones Theatre
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

UP LEFT DOCK

FACING CUT LIST

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR-ULD
DATE:	6/6/18
FILE:	BR-600-USL DOCK.DWG
REV 1:	
REV 2:	

BUILD TIME

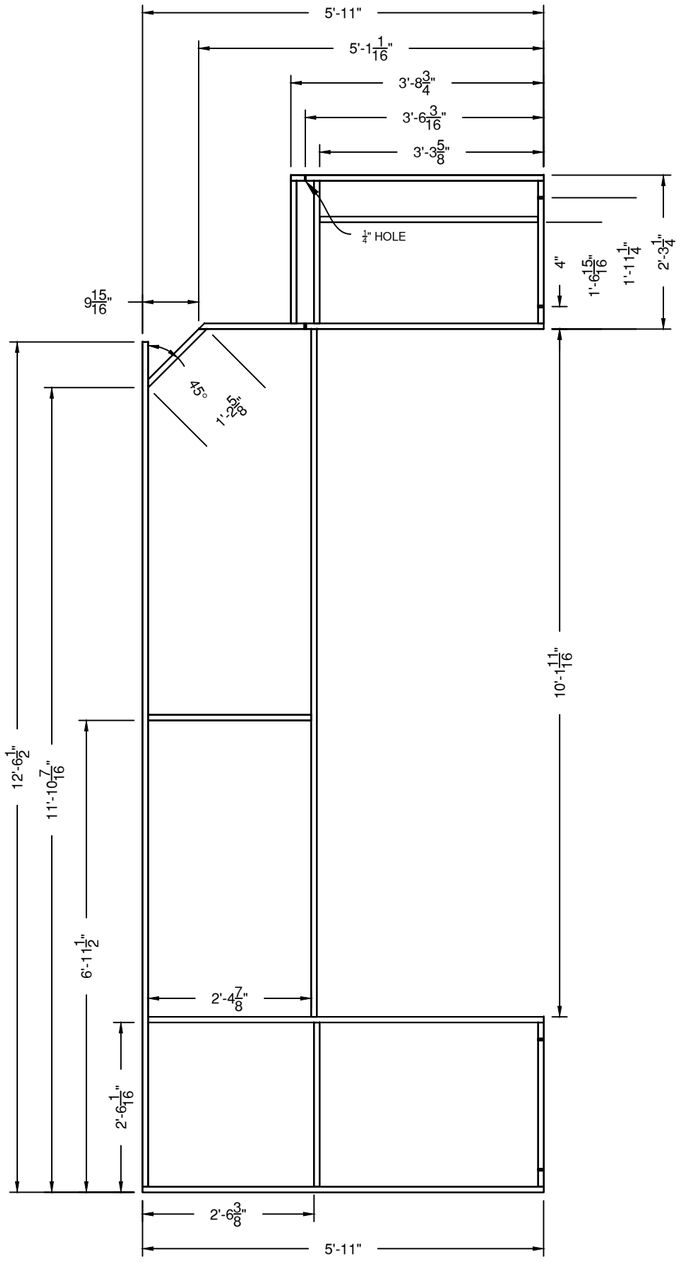
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: N/A

BR-630



1 / 701 FRONT VIEW: FRAMING

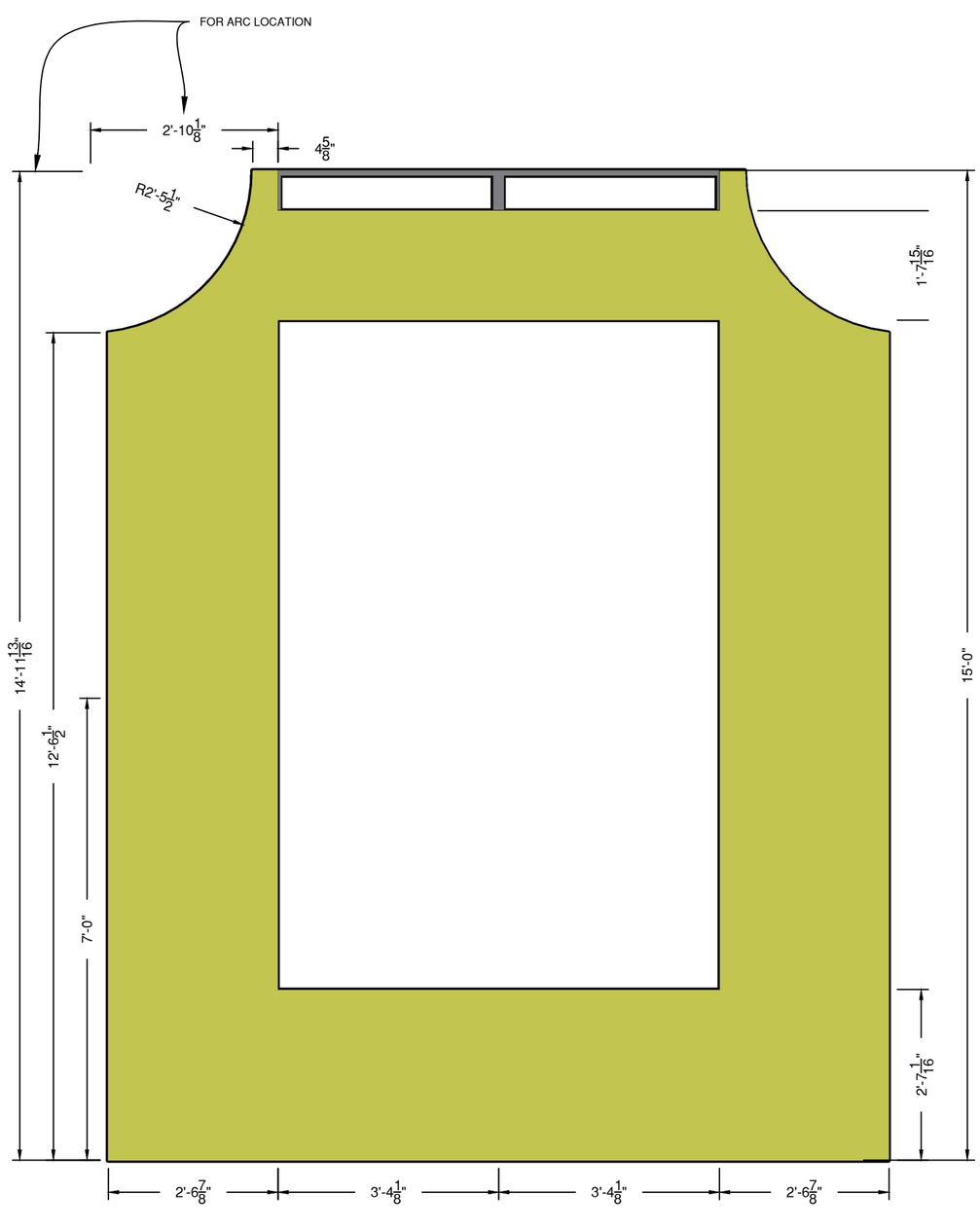
1"X.065" SQ TUBE 1/2"=1'-0"

ALL HOLES CENTERED IN SQ TUBE

ALL HOLES ARE 7/16" UNLESS OTHERWISE NOTED

WELD 3 SIDES

BUILD 2 (2ND R&R)



2 / 701 FRONT VIEW: FACING

3/16" LAUAN 1/2"=1'-0"

T-NAIL TO FACING

BE SURE T-NAILS DON'T OVER PENETRATE LAUAN

ADJUST AIR PRESSURE AS NECESSARY

Utah Shakespeare Festival
Randall Jones Theater
Summer 2018
351 W University Blvd
Cedar City, Utah 84720

BIG RIVER

WINDOW WALL

FRAMING & FACING

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
INVENTORY CODE:	BR - WWA
DATE:	5/16/18
FILE:	BR - 700 - WINDOW WALL.DWG
REV 1:	
REV 2:	

BUILD TIME

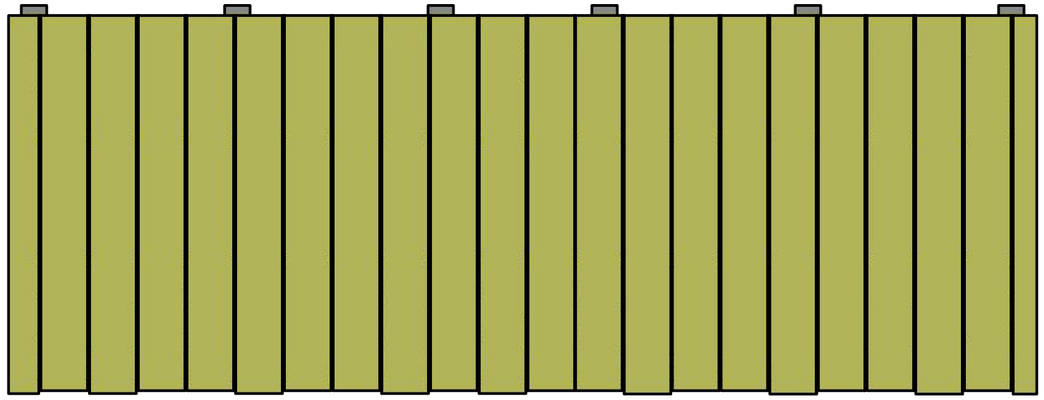
DAY	TIME

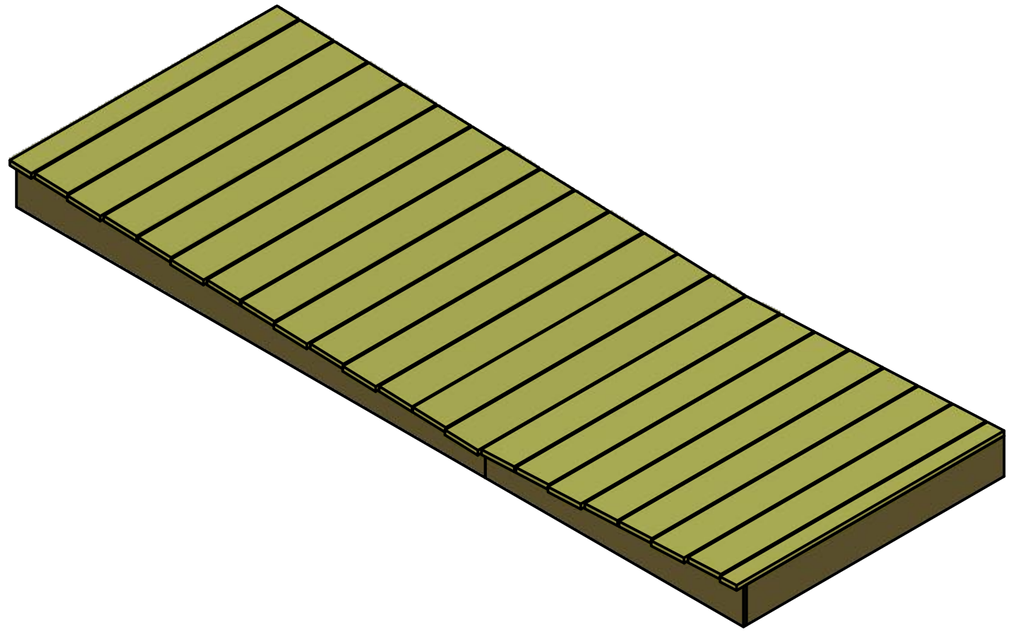
MATERIALS USED

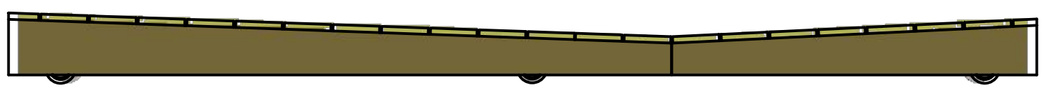
MATERIAL	QUANTITY

SCALE: 1/2"=1'-0"

BR-701







1 / 800 WAGON - OVERVIEW
- REFERENCE ONLY
- ROLLING UNIT

FRONT ORTHO
3/4" = 1' 0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

PAP'S CABIN

WAGON

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	J. Davis
DATE:	6/1/2018
REV 1:	
INVENTORY CODE:	BR-PAP
FILE:	BR-800-PAPS CAB
REV 2:	

BUILD TIME

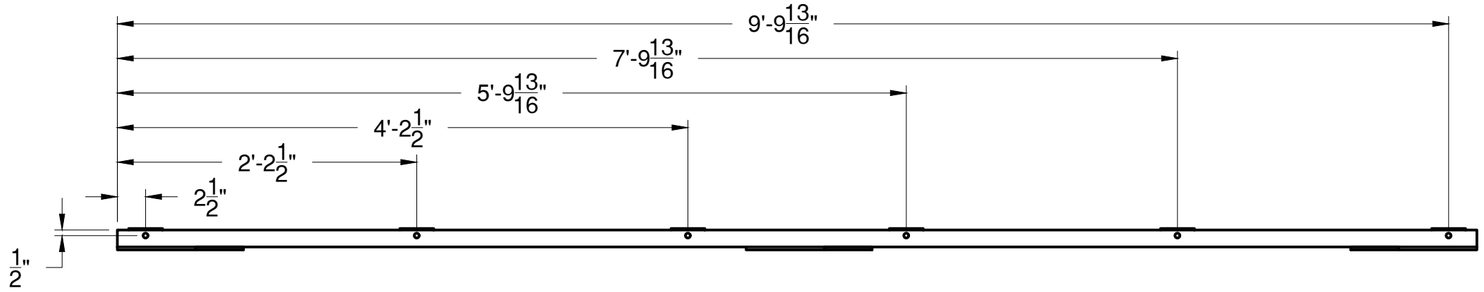
DAY	TIME

MATERIALS USED

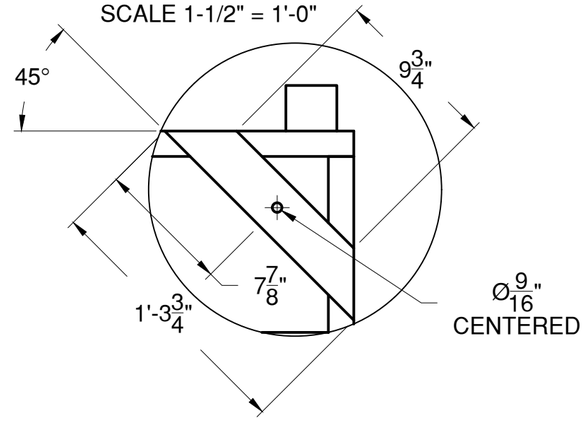
MATERIAL	QUANTITY

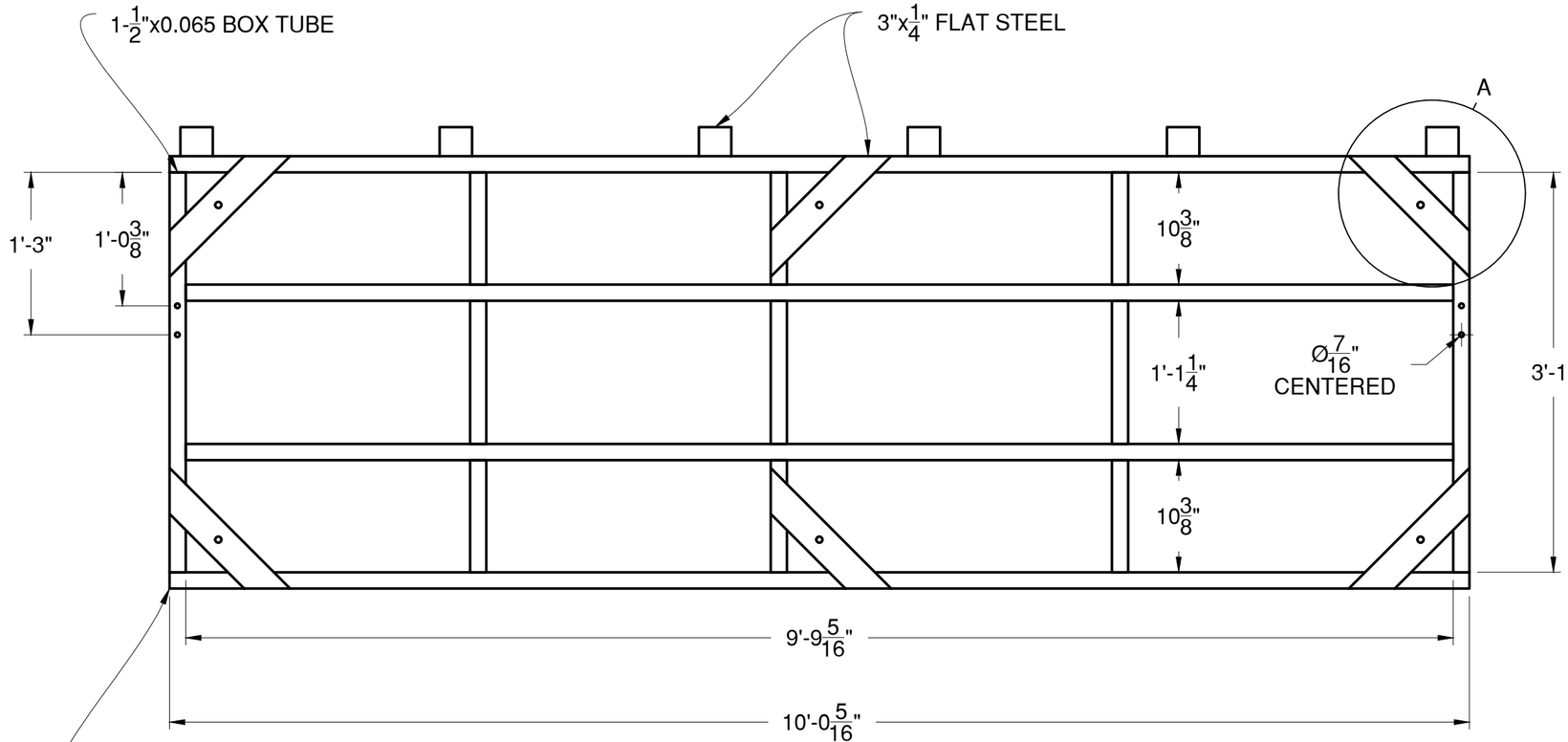
SCALE: AS NOTED

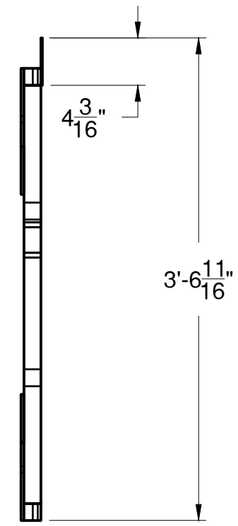
BR-800



DETAIL A:
"CASTER PLATES"
(3"x1/4" FLAT STEEL)
SCALE 1-1/2" = 1'-0"







*BOTH SIDES HAVE THE SAME
HOLE PLACEMENT

1
801

WAGON - FRAME (CUT LIST AND HOLE PLACEMENT)

- MAKE ONE (1)
- USE 1-1/2"x0.065" BOX TUBE AND 3"x1/4" FLAT STEEL
- CUT AND DRILL

TOP ORTHO
1" = 1' 0"

Utah Shakespeare Festival
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BIG RIVER

PAP'S CABIN

WAGON

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	J. Davis
INVENTORY CODE:	BR-PAP
DATE:	6/1/2018
FILE:	BR-800-PAPS CABI
REV 1:	
REV 2:	

BUILD TIME

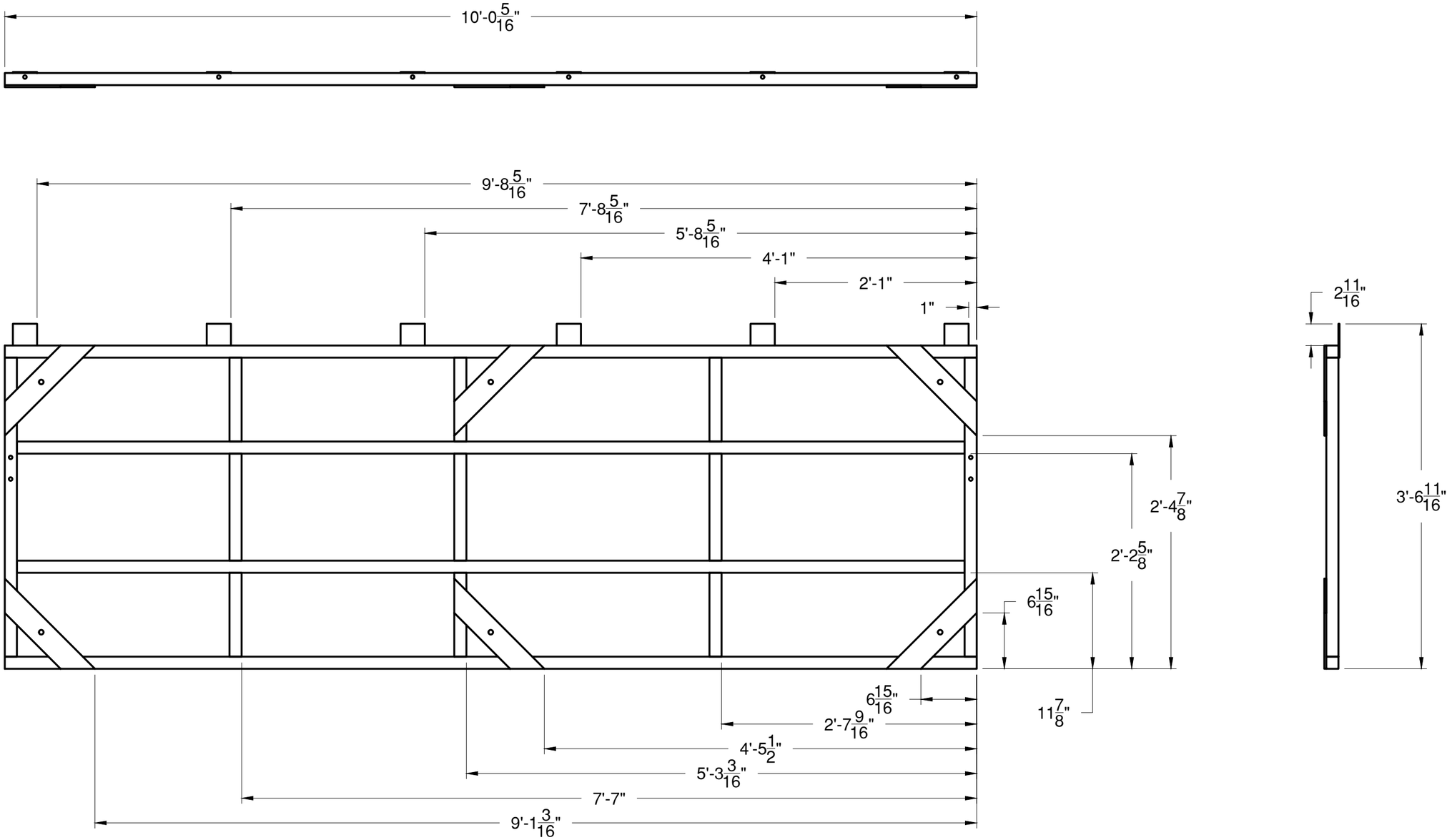
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-801



1 / 802 WAGON - FRAME (LAYOUT/ASSEMBLY) — TOP ORTHO

1" = 1' 0"

- MAKE ONE (1)
- USE 1-801
- TRUST, BUT VERIFY CUT LIST
- JIG AND WELD

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BIG RIVER

PAP'S CABIN

WAGON

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	DWG #:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

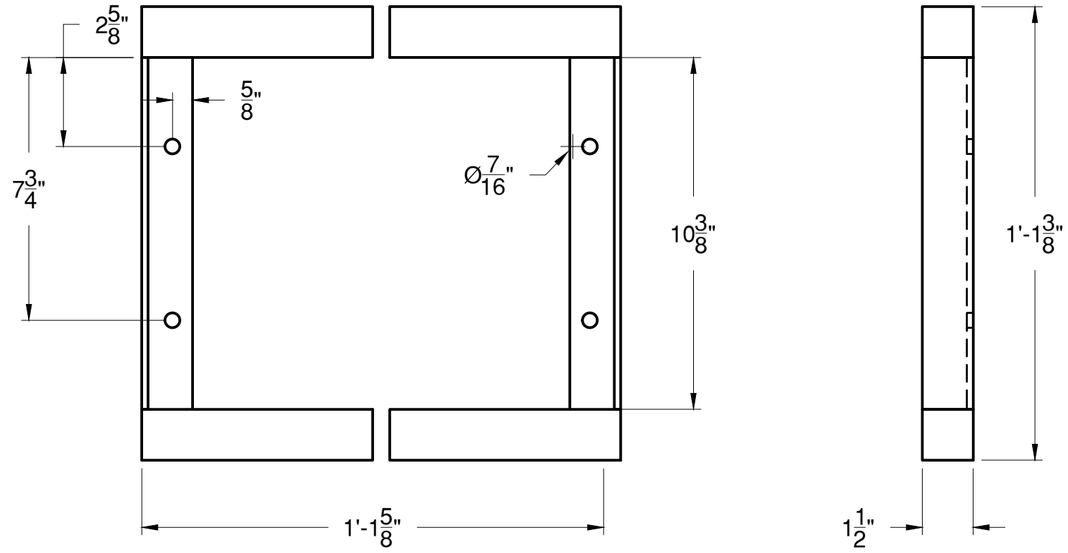
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

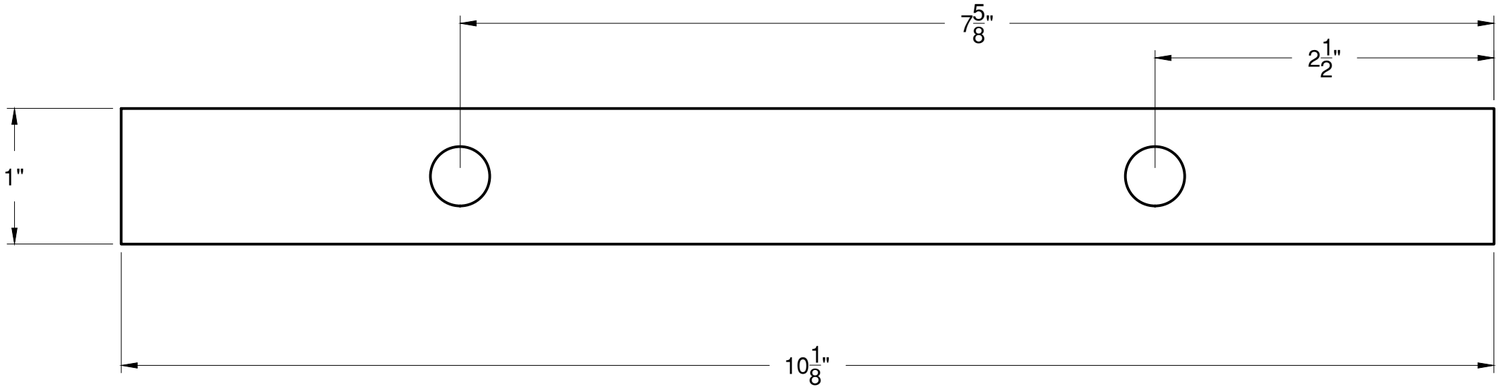
BR-802



1 / 803 WAGON - STAGE BRICK BASKET — TOP AND SIDE VIEWS

3" = 1' 0"

- MAKE FOUR (4)
- 1-1/2"x0.065" BOX TUBE AND 1-1/2"x1/8" ANGLE IRON
- CUT, DRILL, JIG, AND WELD



1 / 803 WAGON - STAGE BRICK CLAMP — TOP VIEW

1' 0" = 1' 0"

- MAKE EIGHT (8)
- 1"x1/8" FLAT STEEL
- CUT AND DRILL

Utah Shakespeare Festival
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BIG RIVER

PAP'S CABIN

WAGON

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	DWG #:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

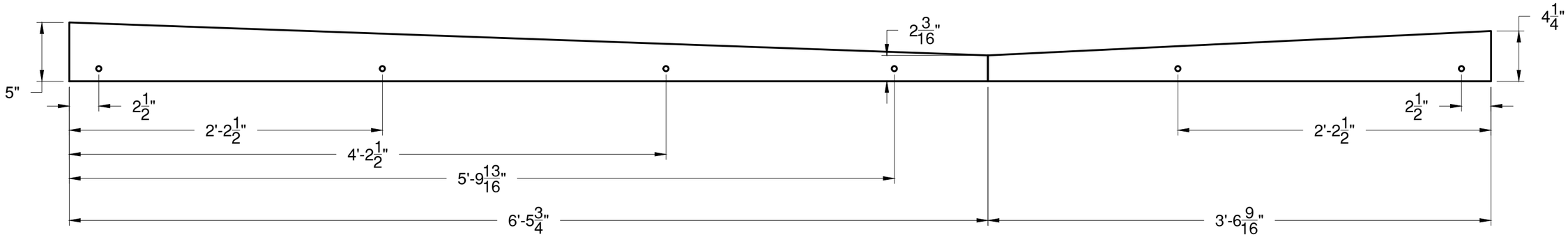
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

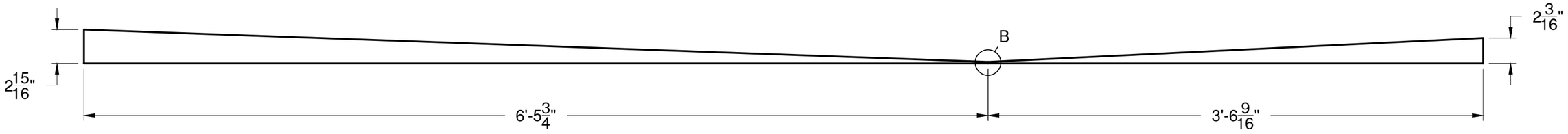
BR-803



1 / 804 WAGON - 2x SLEEPERS — FRONT VIEW

1-1/2" = 1' 0"

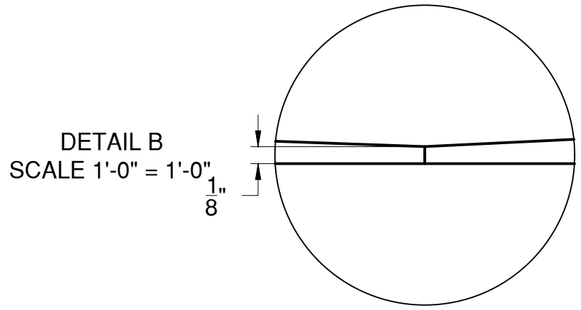
- MAKE ONE (1)
- USE 2x6
- CUT AND LABEL 1-803



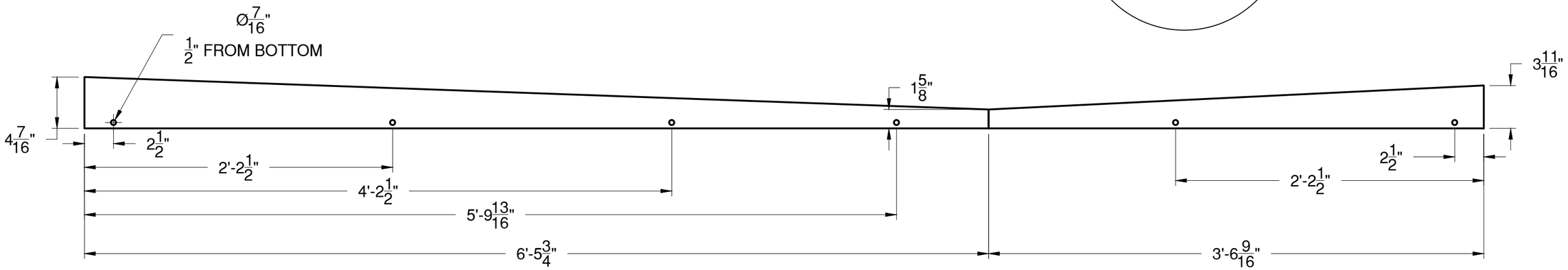
2 / 804 WAGON - 2x SLEEPERS — FRONT VIEW

1-1/2" = 1' 0"

- MAKE TWO (2)
- USE 2x4
- CUT AND LABEL 2-803



DETAIL B
SCALE 1'-0" = 1'-0"



3 / 804 WAGON - 2x SLEEPERS — FRONT VIEW

1-1/2" = 1' 0"

- MAKE ONE (1)
- USE 2x6
- CUT AND LABEL 3-803

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

PAP'S CABIN

WAGON

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	DWG #:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

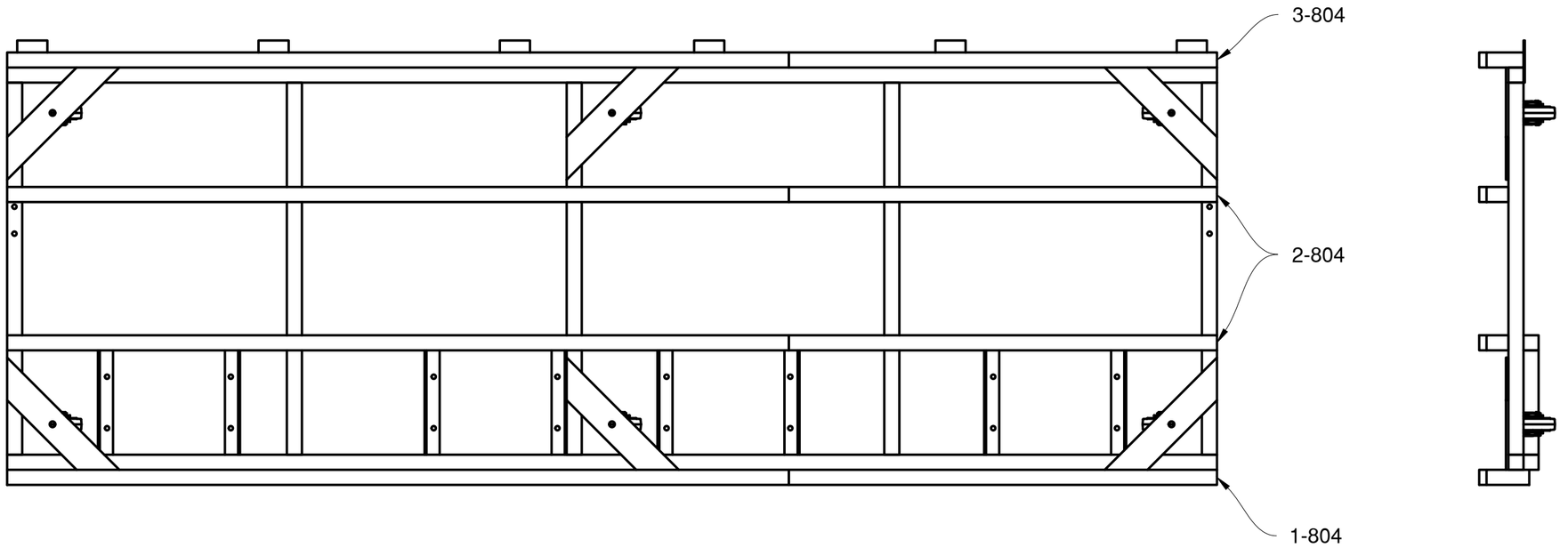
DAY	TIME

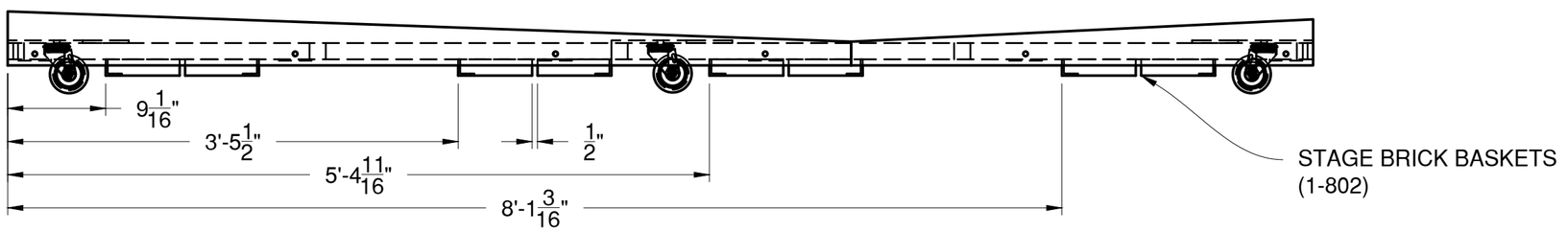
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-804





1 / 805 WAGON - STAGE BRICK BASKET, 2x4 SLEEPER, AND CASTER INSTALL

TOP ORTHO

1' 0" = 1' 0"

- MAKE ONE (1)
- USE STAGE BRICK BASKETS (1-802), 2x SLEEPERS (1-803, 1-804, 2-804, AND 3-804), AND 3-1/2" COLSON STEMLESS CASTERS
- WELD BASKETS ON
- COUNTERSINK AND BOLT 1-804 AND 3-804 TO FRAME USING 3/8"x3-1/2" STOVE BOLTS, WASHERS, LOCK WASHERS, AND NUTS
- PREDRILL AND SCREW DOWN 2-804
- BOLT CASTERS ON USING 1/2"x1-1/2" BOLTS, LOCK WASHERS, AND NUTS

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BIG RIVER

PAP'S CABIN

WAGON

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TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	DWG #:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

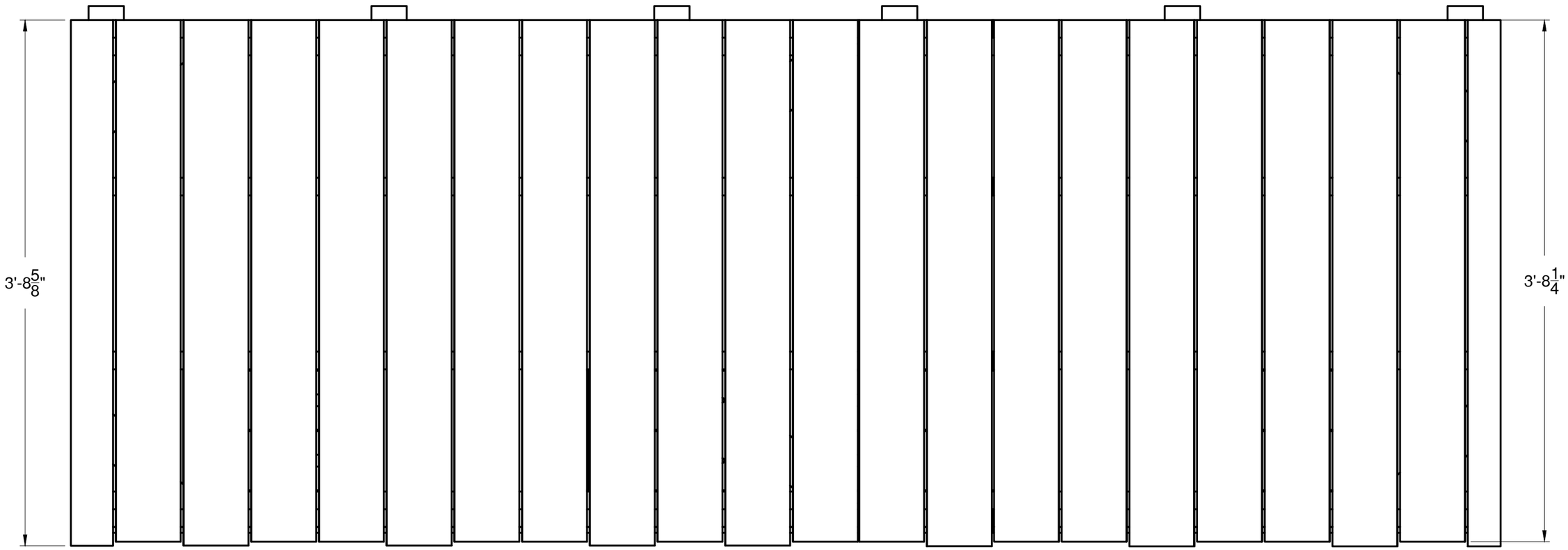
DAY	TIME

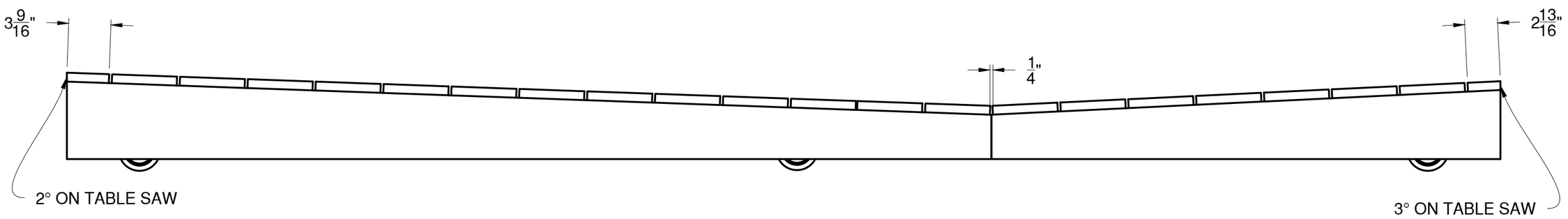
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-805





1 / 806 WAGON - PLANKING

TOP VIEW

1' 0" = 1' 0"

- MAKE ONE (1)
- USE 1x6 RIPPED TO 5" (EXCEPT FOR THE TWO END PIECES)
- SCEW DOWN
* NOTE: START IN THE MIDDLE AT THE "V" AND WORK TOWARDS THE ENDS
* NOTE: THERE SHOULD BE A 1/4" GAP BETWEEN ALL PLANKS

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BIG RIVER

PAP'S CABIN

WAGON

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TECH DIRECTOR:	Tom Fagerholm
DWG BY:	J. Davis
INVENTORY CODE:	BR-PAP
DATE:	6/1/2018
DR:	BR-800-PAPS CAB
REV 1:	
REV 2:	

BUILD TIME

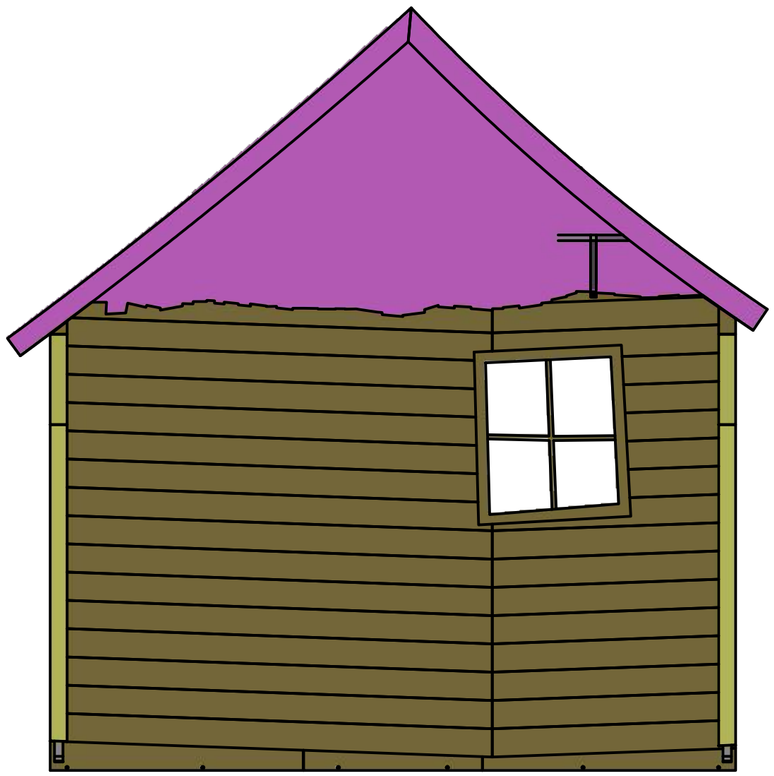
DAY	TIME

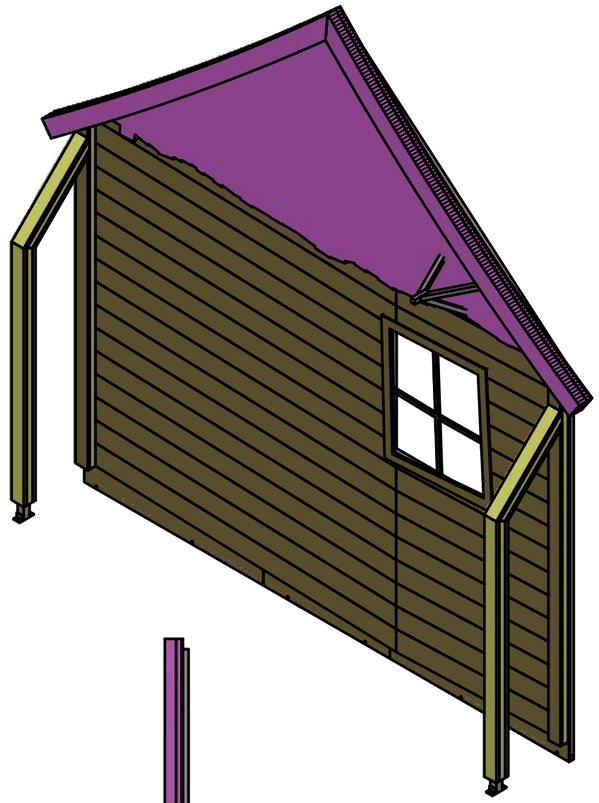
MATERIALS USED

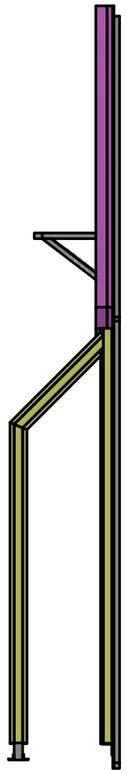
MATERIAL	QUANTITY

SCALE: AS NOTED

BR-806







1
807
WALL - OVERVIEW
- REFERENCE ONLY

FRONT ORTHO
1/2" = 1' 0"

Utah Shakespeare Festival
Randall Jones Theatre
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BIG RIVER

PAP'S CABIN

WALL

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DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	FILE:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

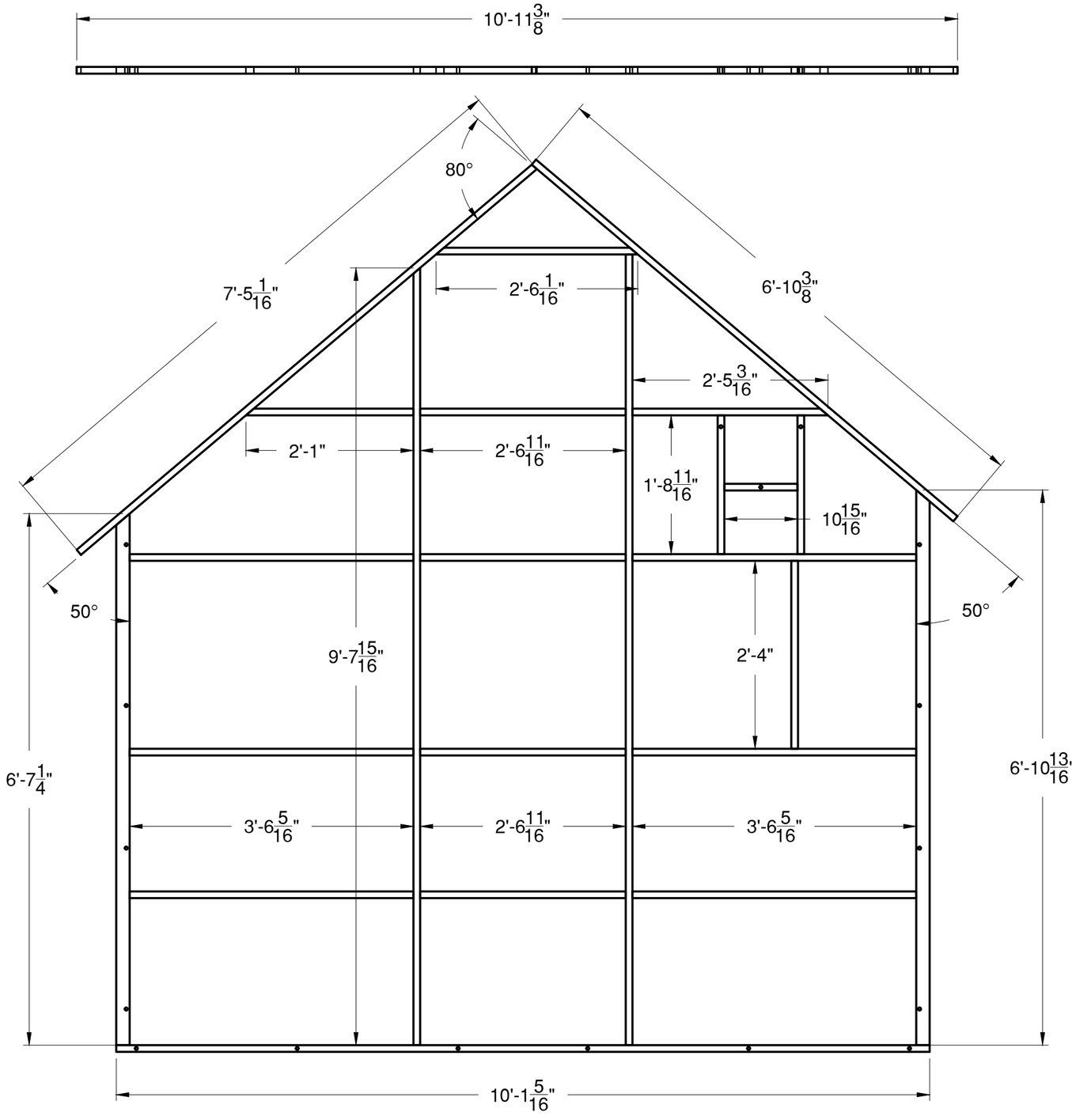
DAY	TIME

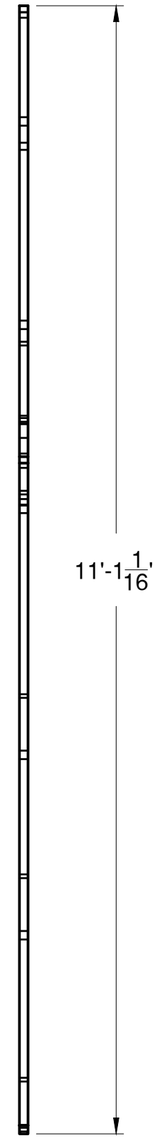
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-807





1
808

WALL - CUT LIST

- MAKE ONE (1)
- USE 1"x0.065" BOX TUBE AND 1"x2"x0.065" REC TUBE
- CUT AND CLEAN
* NOTE: REFER TO 1-809 FOR HOLE PLACEMENT AND 1-810 FOR LAYOUT
* NOTE: ONLY THE SIDE RAILS ARE 1x2

FRONT ORTHO

3/4" = 1' 0"

Utah Shakespeare Festival
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BIG RIVER

PAP'S CABIN

WALL

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TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	DWG NO:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

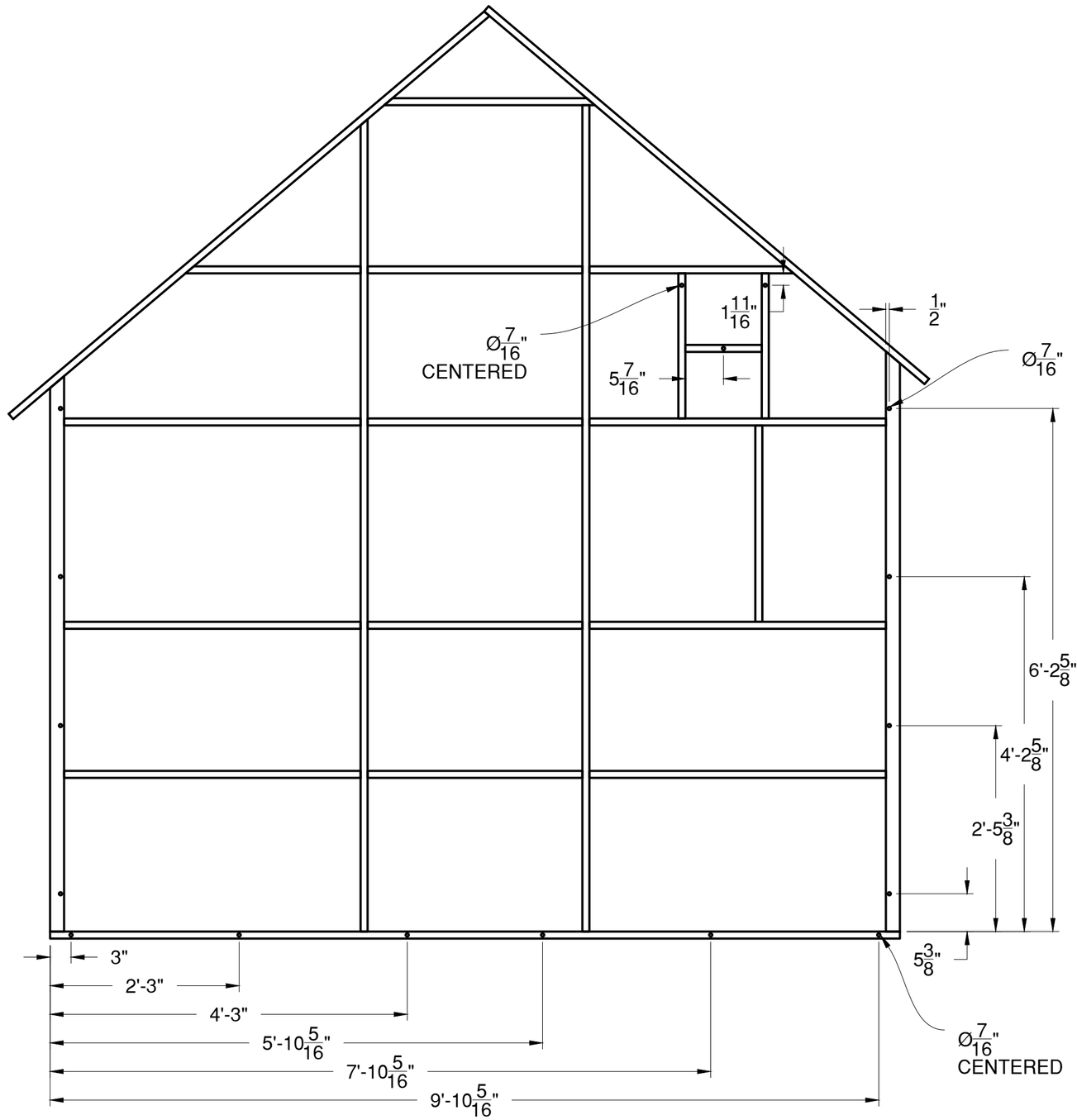
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-808



1 / 809 WALL - HOLE PLACEMENT

FRONT ORTHO

3/4" = 1' 0"

- MAKE ONE (1)
- USE 1-808
- DRILL

* NOTE: REFER TO 1-808 FOR CUT LIST AND 1-810 FOR LAYOUT
* NOTE: ALL HOLES ARE Ø7/16"

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BIG RIVER

PAP'S CABIN

WALL

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DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	DWG #:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

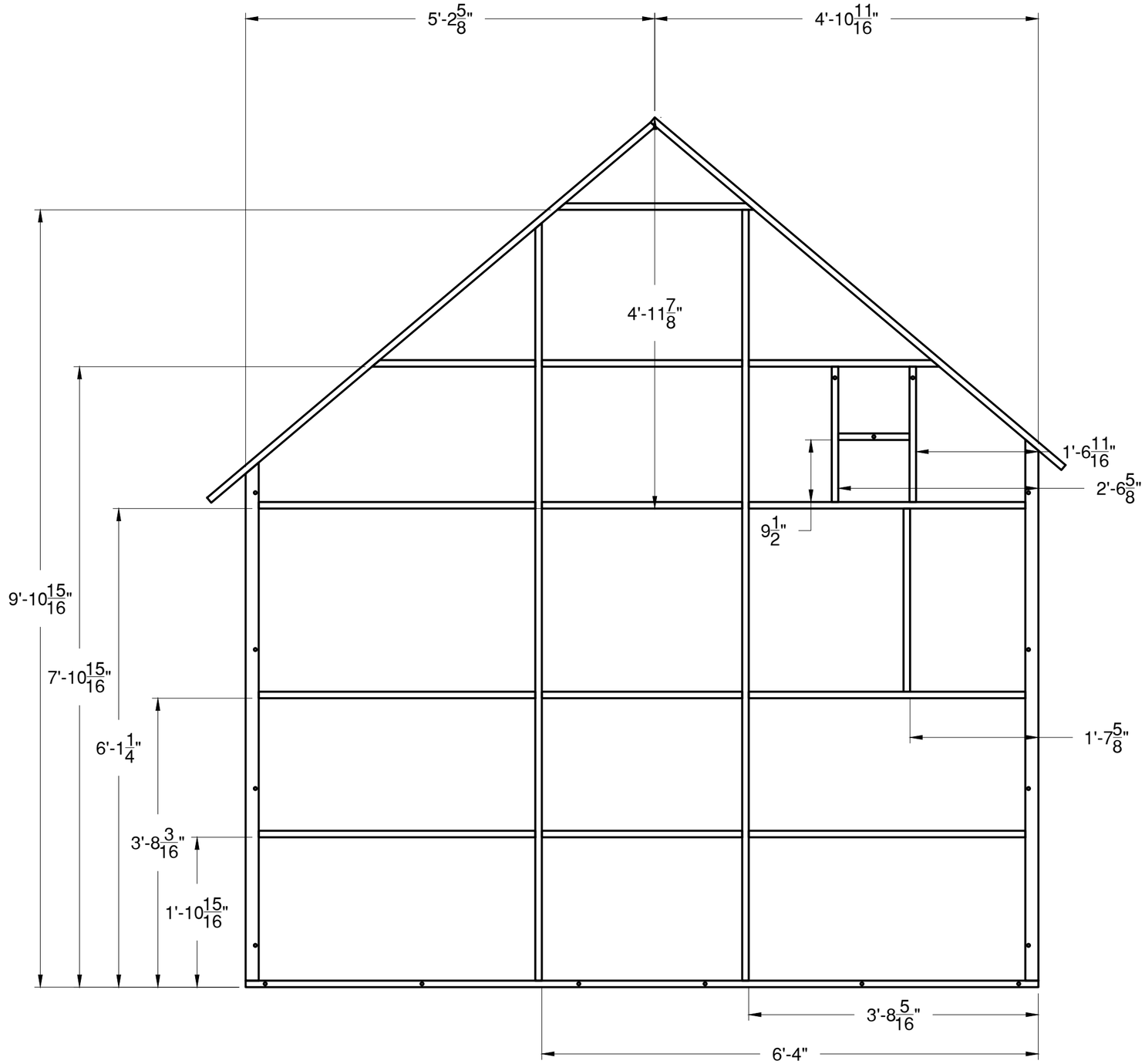
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-809



1 / 810 WALL - LAYOUT

FRONT ORTHO

3/4" = 1' 0"

- MAKE ONE (1)
- USE 1-809
- JIG AND WELD

* NOTE: REFER TO 1-808 FOR CUT LIST AND 1-809 FOR HOLE PLACEMENT

Utah Shakespeare Festival
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BIG RIVER

PAP'S CABIN

WALL

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DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	SAVE AS:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

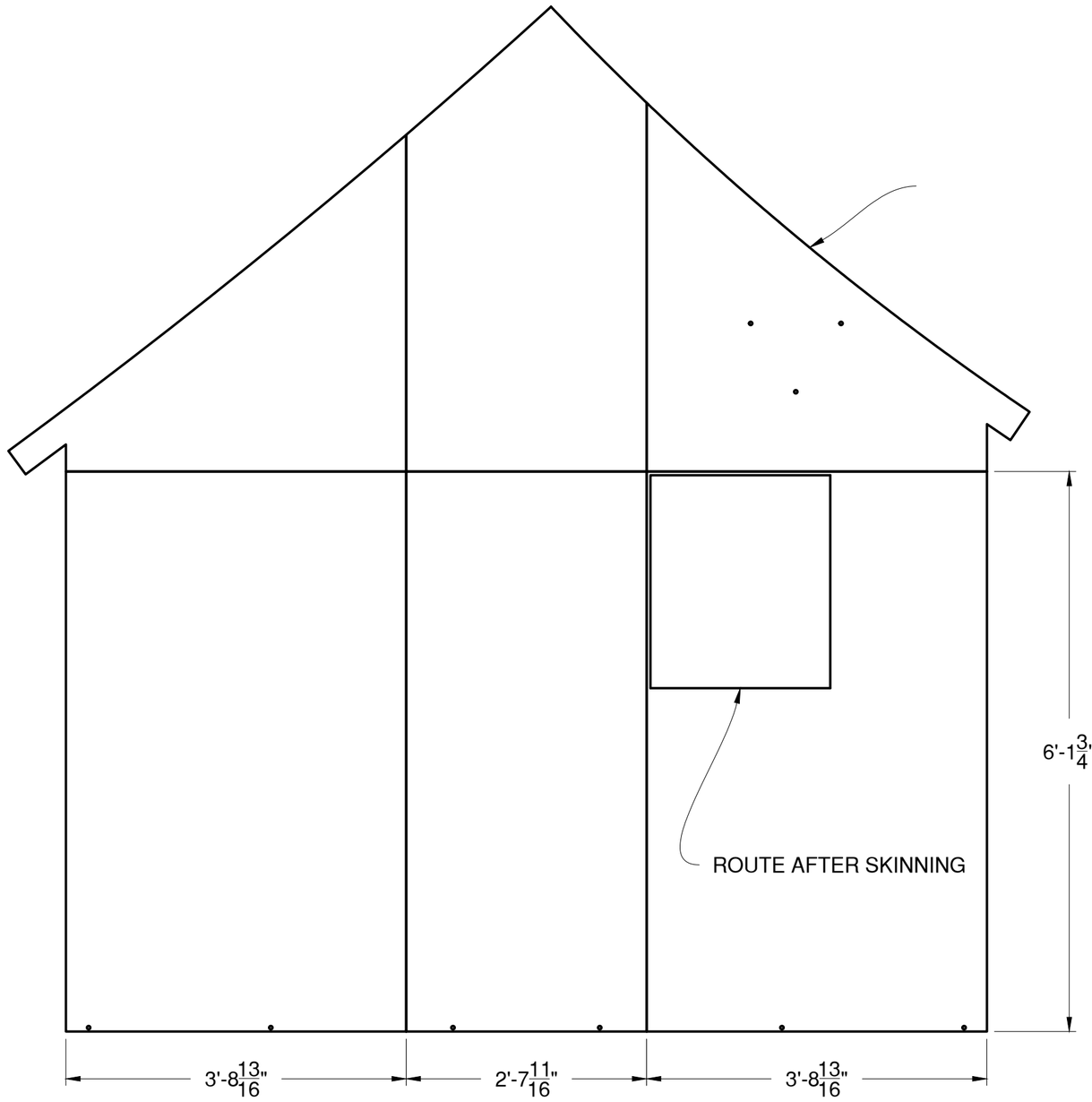
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-810



1
811

WALL - LAYOUT

- MAKE ONE (1)
- USE 1-809
- JIG AND WELD

* NOTE: REFER TO 1-808 FOR CUT LIST AND 1-809 FOR HOLE PLACEMENT

FRONT ORTHO

3/4" = 1' 0"

Utah Shakespeare Festival
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Summer 2018
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BIG RIVER

PAP'S CABIN

WALL

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	DWG #:	BR-800-PAPS CAB
REV 1:		REV 2:	

BUILD TIME

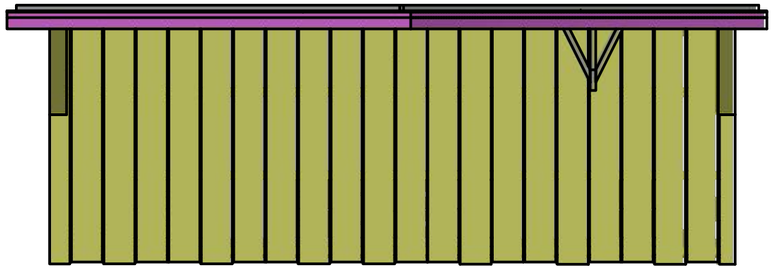
DAY	TIME

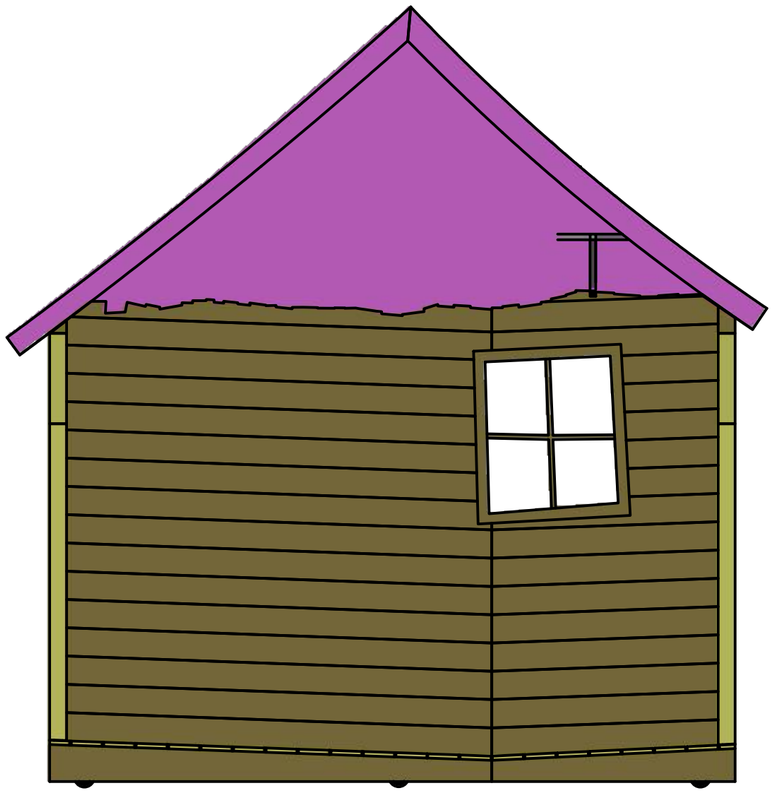
MATERIALS USED

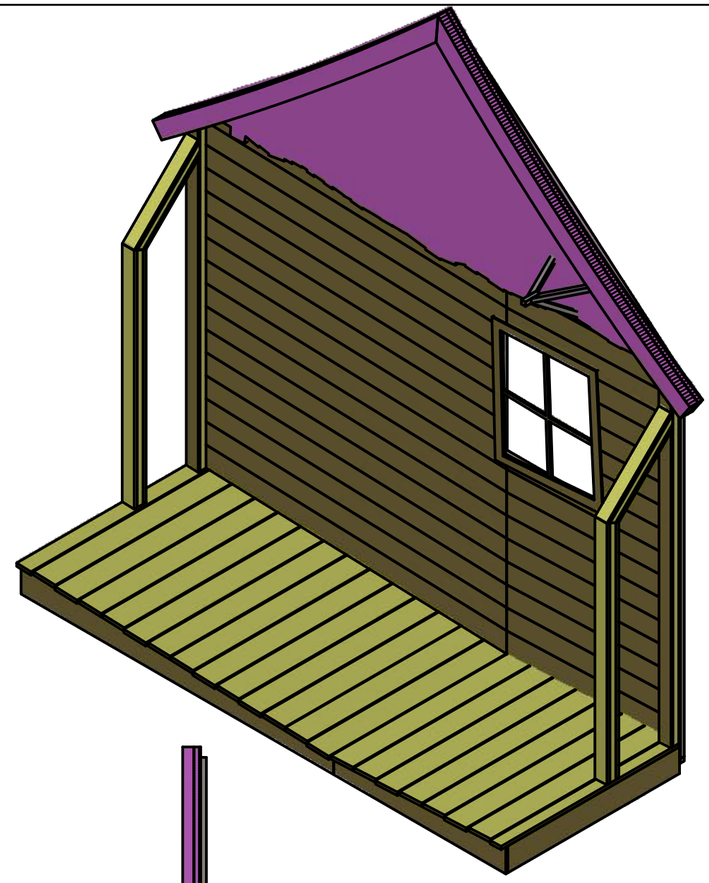
MATERIAL	QUANTITY

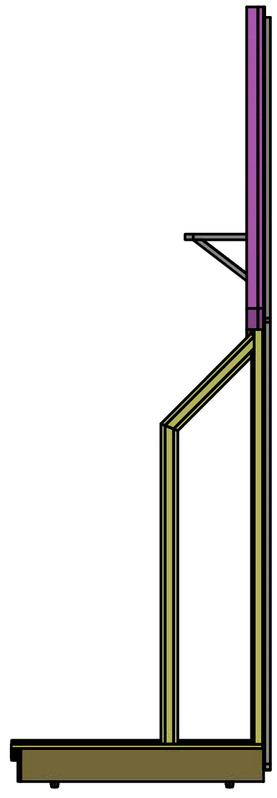
SCALE: AS NOTED

BR-811









1 / 812 ASSEMBLY - REFERENCE ONLY

FRONT ORTHO
1/2" = 1' 0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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BIG RIVER

PAP'S CABIN

ASSEMBLY

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PAP
DATE:	6/1/2018	FILE:	BR-800-PAPS CABI
REV 1:		REV 2:	

BUILD TIME

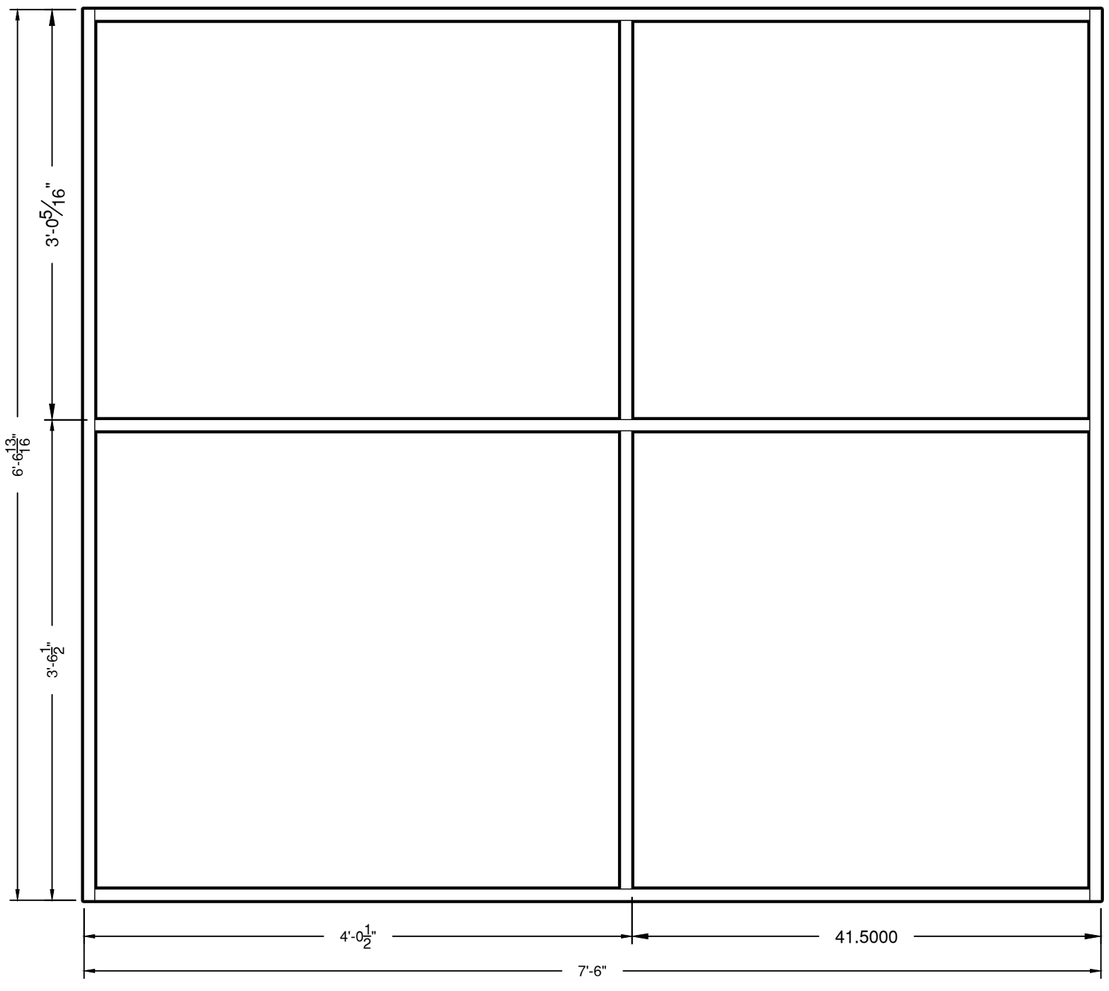
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

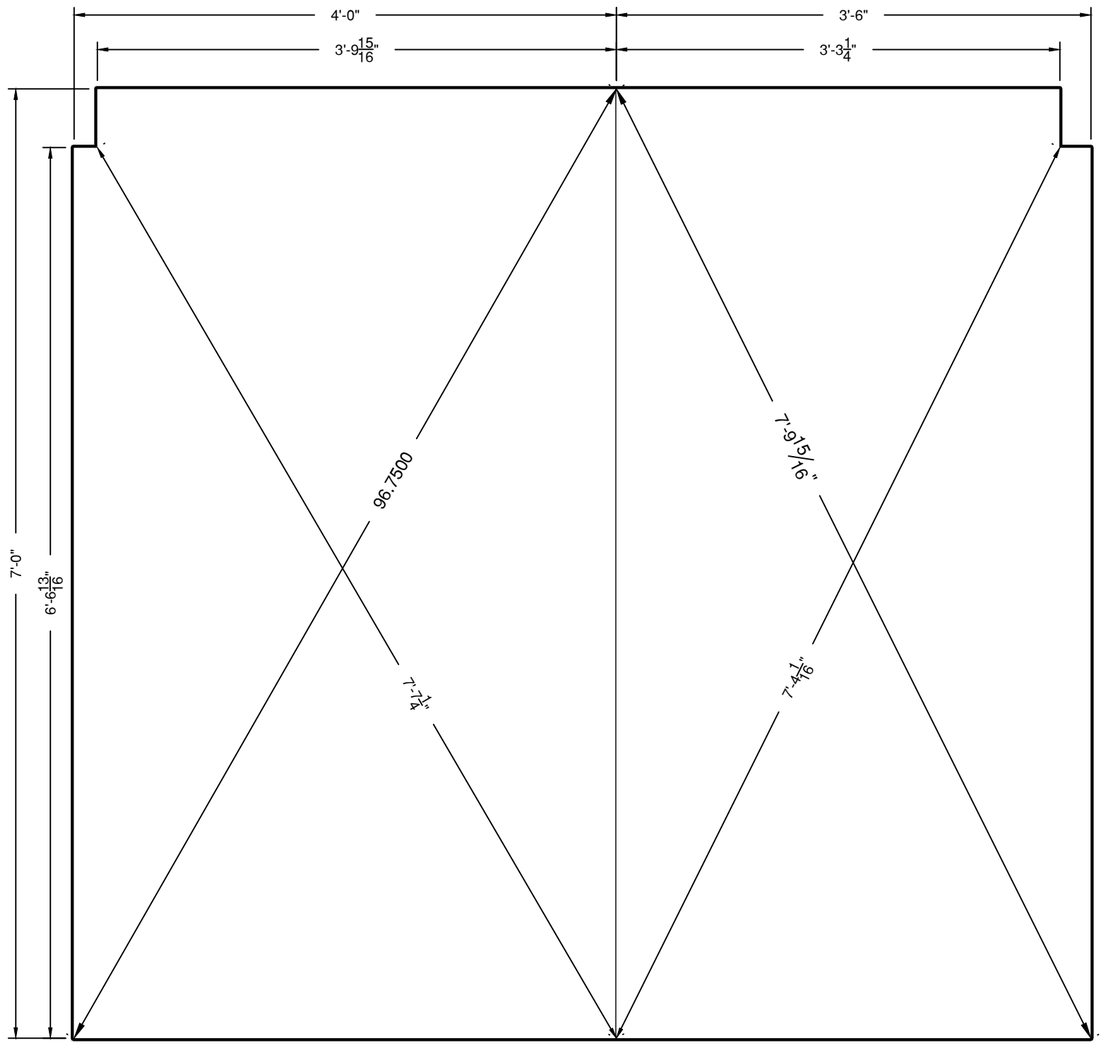
SCALE: AS NOTED

BR-812



1 BR-901 — LEAN-TO FRAMING — 1" = 1'-0"

1" X 1" X 0.065" ALUMINUM BOX
9' 11 5/8" DIAGONAL
WELD THREE SIDES
FRONT ELEVATION



2 BR-901 — LEAN-TO FACING — 1" = 1'-0"

LAUAN FACING
DIAGONALS SHOWN
FRONT ELEVATION
FACING WILL OVERHANG FRAMING ON TOP

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
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BIG RIVER

LEAN-TO

LEAN-TO FRAME

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR-LET
DATE:	5/9/2018	FILE:	BR-901-LEANTO.DWG
REV 1:		REV 2:	

BUILD TIME

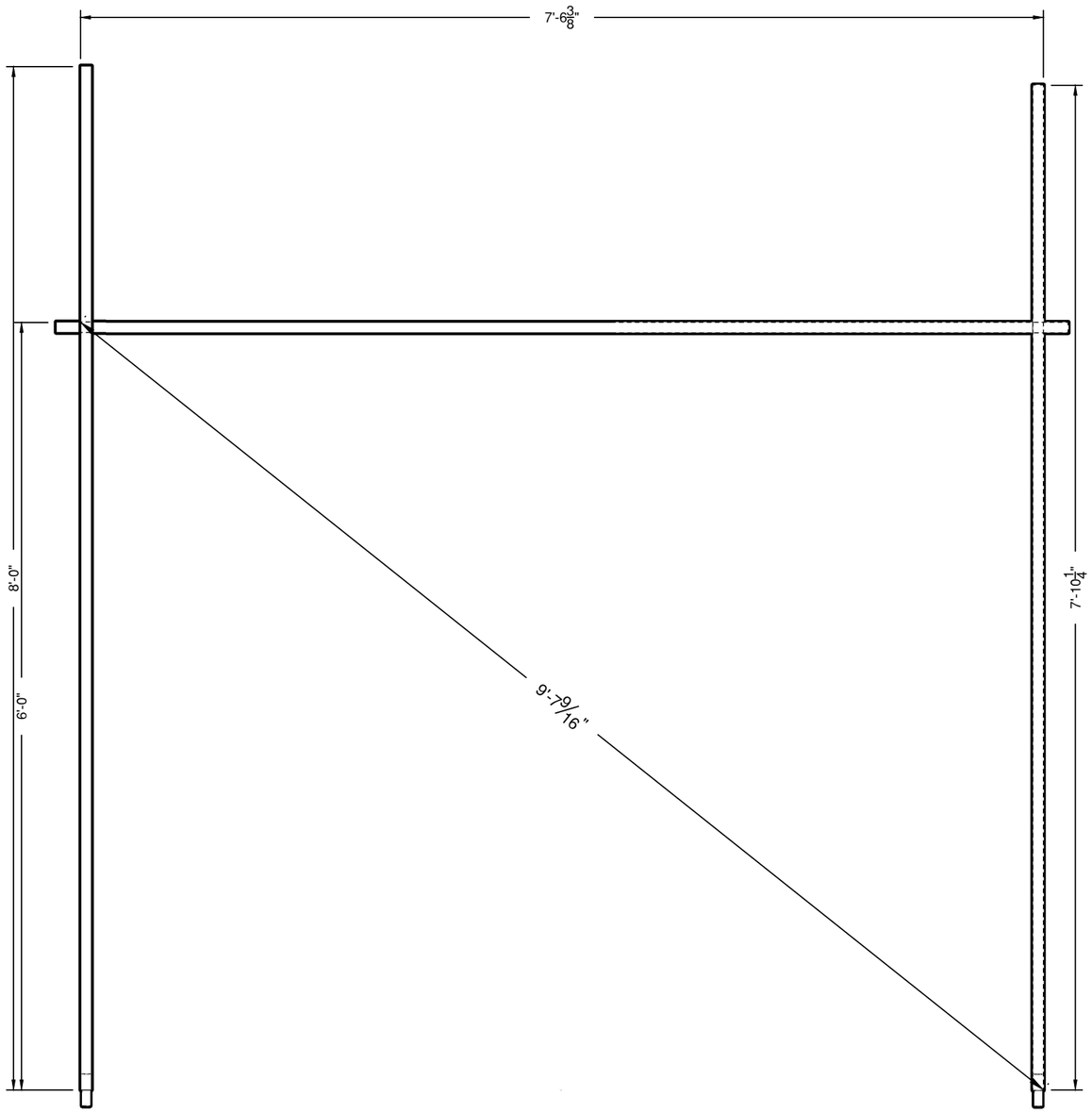
DAY	TIME

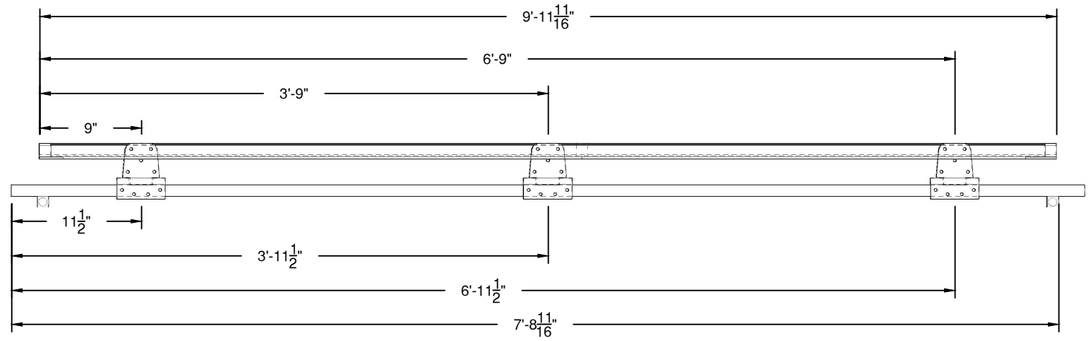
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

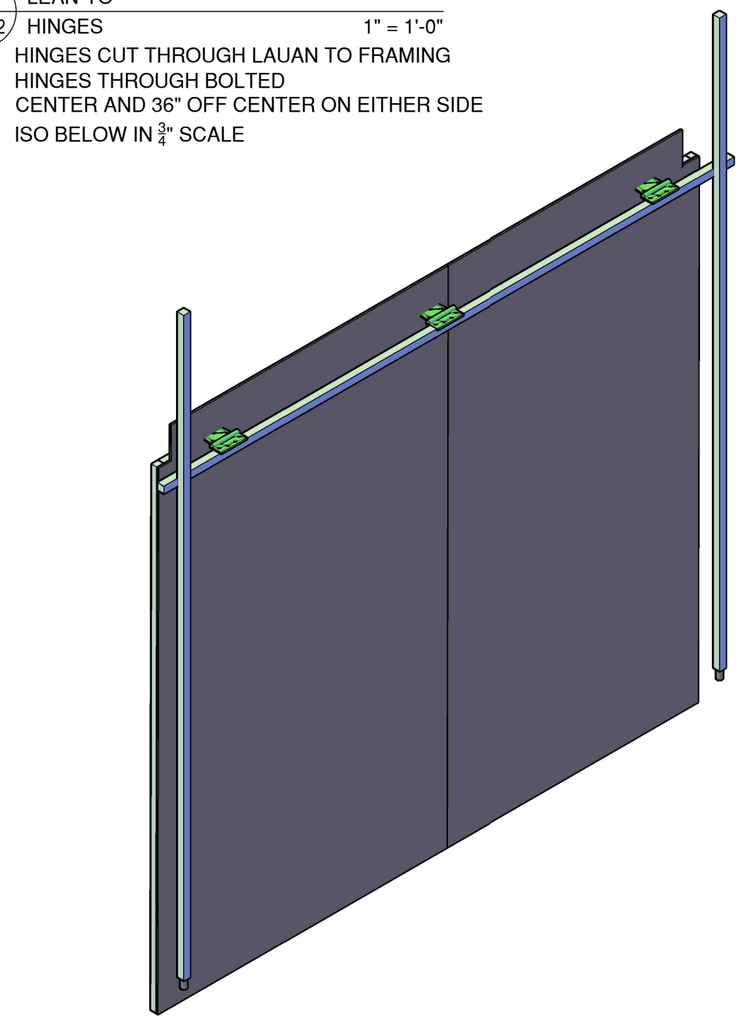
BR-901





2 / BR-902 LEAN-TO HINGES 1" = 1'-0"

HINGES CUT THROUGH LAUAN TO FRAMING
HINGES THROUGH BOLTED
CENTER AND 36" OFF CENTER ON EITHER SIDE
ISO BELOW IN 3/4" SCALE



1 / BR-902 LEAN-TO FRONT LEG FRAMING 1" = 1'-0"

1" X 1" X 0.065" ALUMINUM BOX
DIAGONAL SHOWN
CROSS PIECE AT 6' IS WELDED TO BACK
FRONT ELEVATION
3/4" ROD, 3" LONG, WELDED 1 1/2" INTO BOTTOMS

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BIG RIVER

LEAN-TO

LEAN-TO FRAME

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY: RJA	INVENTORY CODE: BR-LET
DATE: 5/9/2018	FILE: BR-901-LEANTO.DWG
REV 1:	REV 2:

BUILD TIME

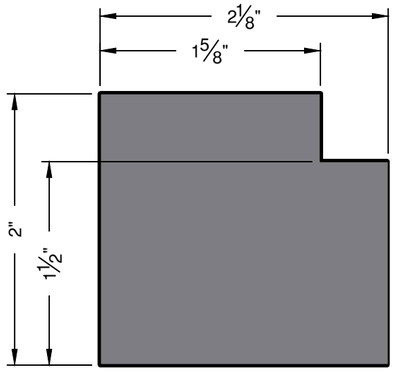
DAY	TIME

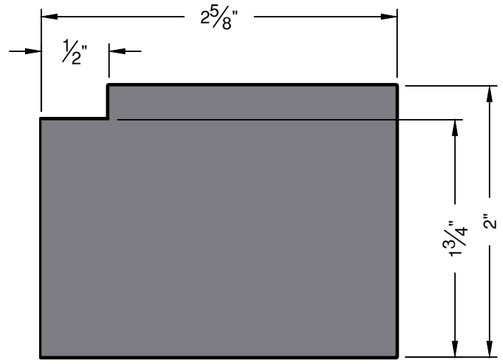
MATERIALS USED

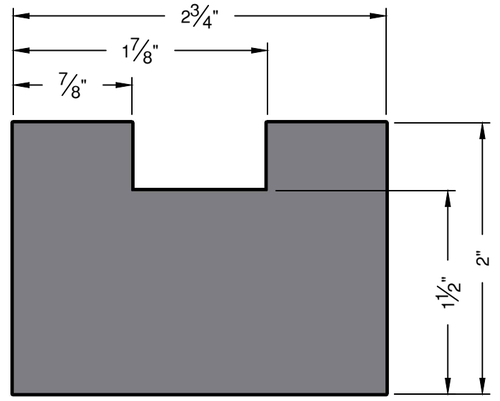
MATERIAL	QUANTITY

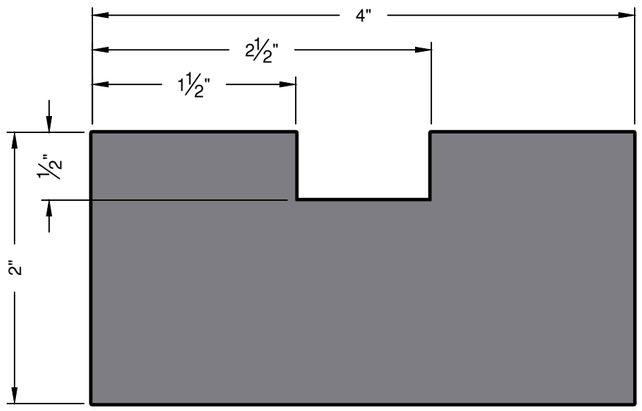
SCALE: AS NOTED

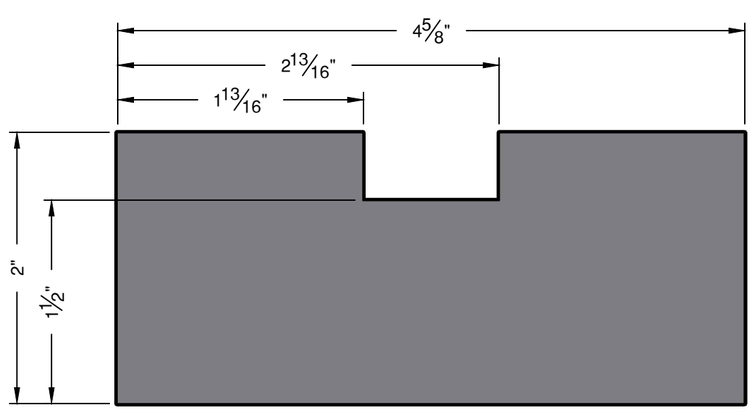
BR-902











1 / BR-903 LEAN-TO FOAM PROFILES 1:1

CUT 8' STRIP OF EACH PROFILE, TO BE CARVED

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

LEAN-TO

FOAM PROFILES

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR-LET
DATE:	5/9/2018
FILE:	BR-901-LEANTO.DWG
REV 1:	
REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

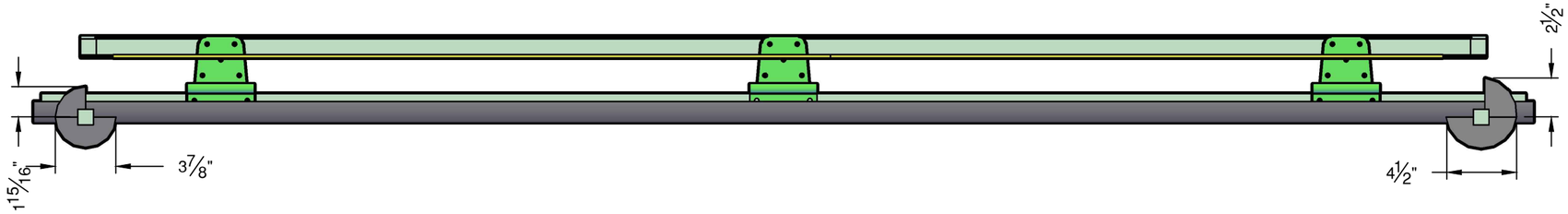
SCALE: AS NOTED

BR-903

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018

351 University Blvd
Cedar City, UT 84720`

BIG RIVER



1 / BR-903 LEAN-TO FOAM LOCATIONS 1:1

CUT 8' STRIP OF EACH PROFILE, TO BE CARVED

LEAN-TO

FOAM LOCATIONS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR-LET
DATE:	5/17/2018	DWG:	BR-901-LEANTO.DWG
REV 1:		REV 2:	

BUILD TIME

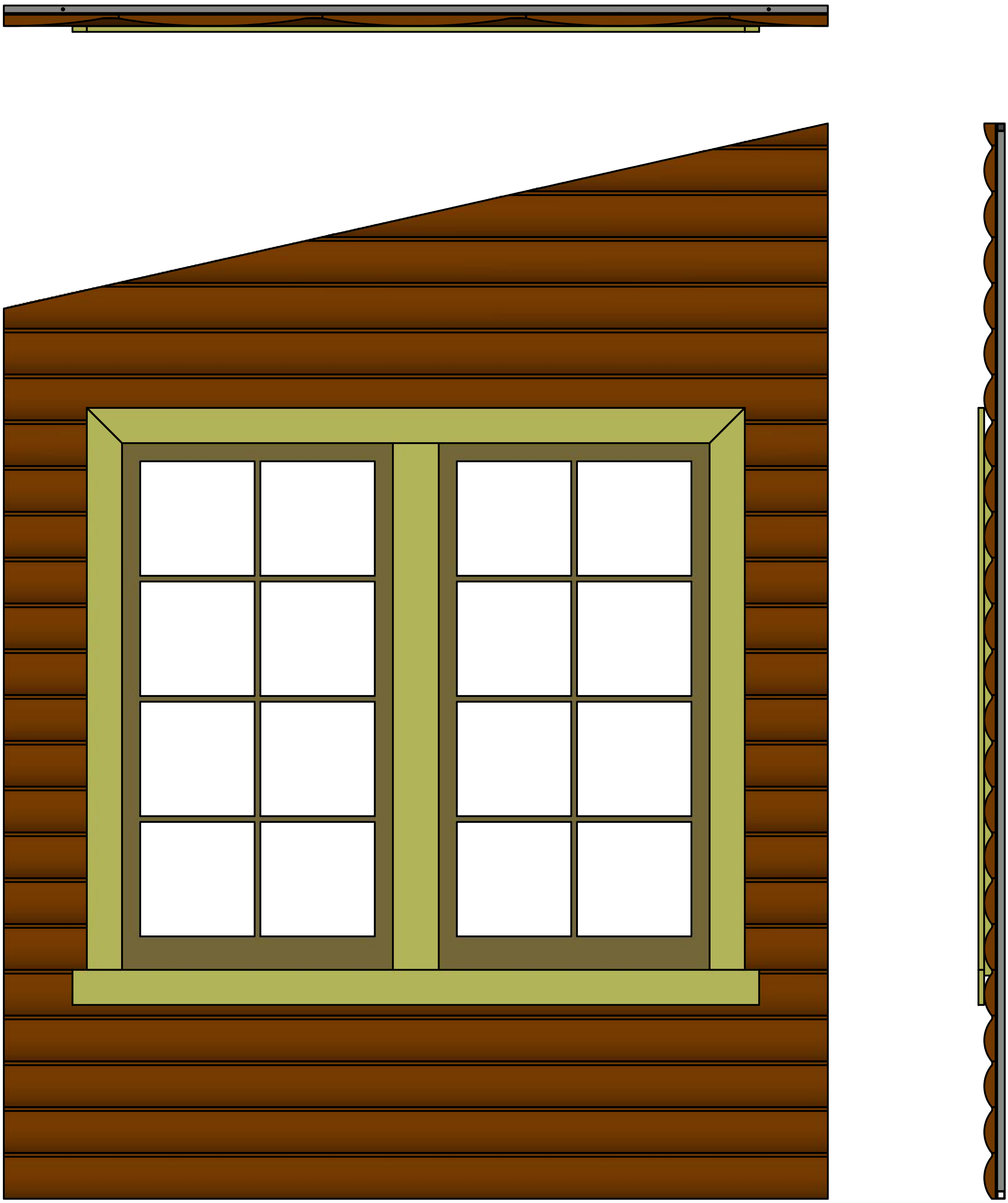
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-904



1 OVERVIEW

1000 - REFERENCE ONLY
- FLOWN UNIT

FRONT ORTHO

1" = 1' 0"

BIG RIVER

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

PHELPS CABIN

OVERVIEW

DIRECTOR: Melissa Rain Anderson
DESIGNER: Jason Lajka
TECH DIRECTOR: Tom Fagerholm
DWG BY: J. Davis
DATE: 5/28/2018
REV 1:
REV 2:
INVENTORY CODE: BR-PPC
FILE: BR-1000-PHELPS CABIN

BUILD TIME

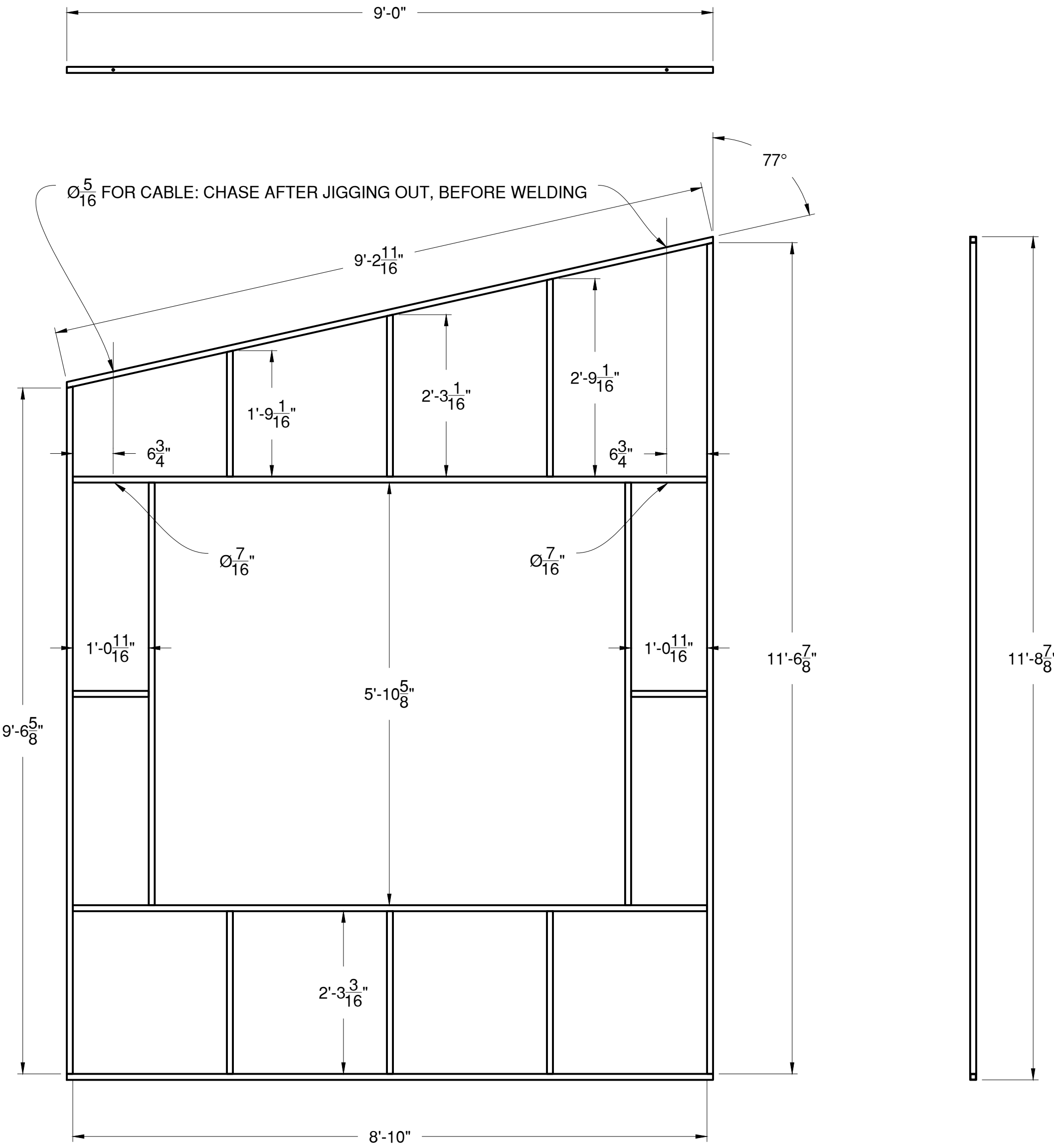
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1000



1 / 1001 FRAME - CUTLIST AND HOLE LAYOUT

- MAKE ONE (1)
- USE 1"x0.065" BOX TUBE
- CUT AND DRILL

* NOTE: ALL HOLES ARE CENTERED

FRONT ORTHO

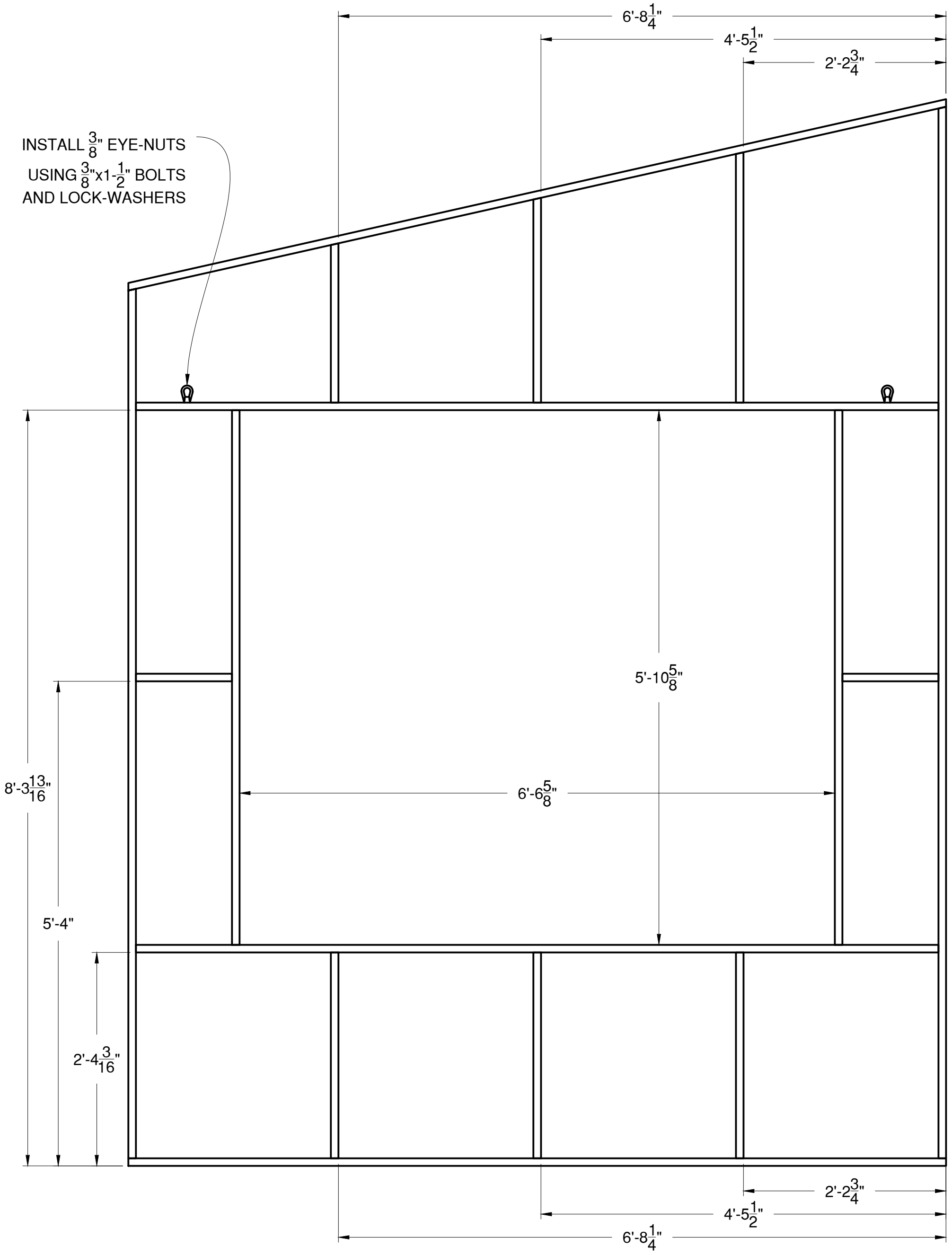
3/4" = 1' 0"

PHELPS CABIN	
FRAMING	
DIRECTOR: Melissa Rain Anderson	
DESIGNER: Jason Lajka	
TECH DIRECTOR: Tom Fagerholm	
DWG BY: J. Davis	INVENTORY CODE: BR-PPC
DATE: 5/30/2018	FILE: BR1000-PHELPS CABIN
REV 1:	REV 2:
BUILD TIME	
DAY	TIME
MATERIALS USED	
MATERIAL	QUANTITY
SCALE: AS NOTED	

BIG RIVER

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BR-1001



1 / 1002 FRAME - LAYOUT AND ASSEMBLY

FRONT VIEW

3/4" = 1' 0"

- MAKE ONE (1)
- USE 1"x0.065" BOX TUBE
- CUT AND DRILL

* NOTE: ALL HOLES ARE CENTERED

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720

BIG RIVER

PHELPS CABIN

FRAMING

DIRECTOR: Melissa Rain Anderson
DESIGNER: Jason Lajka
TECH DIRECTOR: Tom Fagerholm
DRWG BY: J. Davis
DATE: 5/30/2018
REV 1:
REV 2:
INVENTORY CODE: BR-PPC
FILE: BR-1000-PHELPS CABIN

BUILD TIME

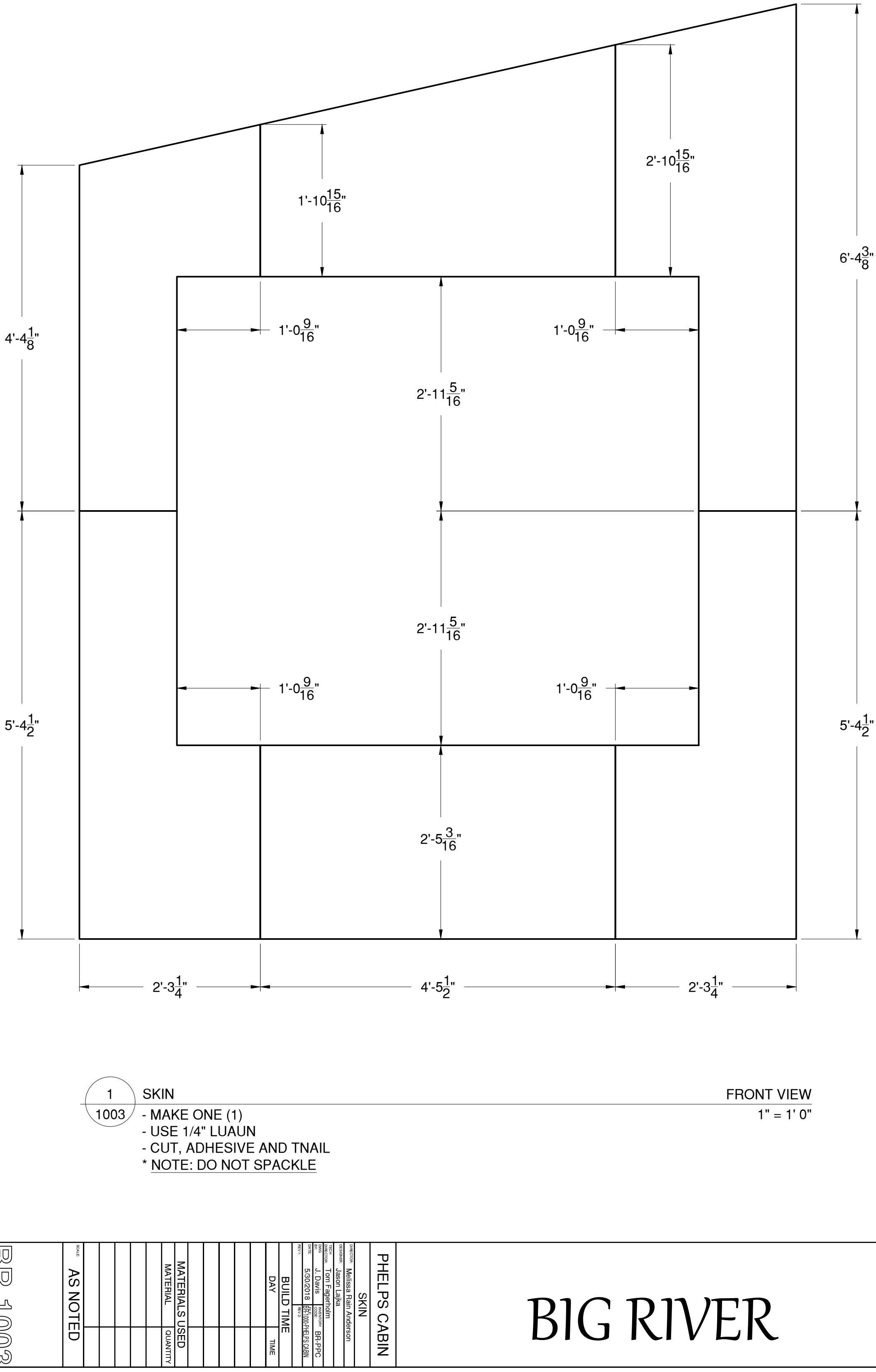
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1002



1 / 1003 SKIN

- MAKE ONE (1)
- USE 1/4" LUAUN
- CUT, ADHESIVE AND TNAIL

* NOTE: DO NOT SPACKLE

FRONT VIEW

1" = 1' 0"

BIG RIVER

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

PHELPS CABIN

SKIN

DIRECTOR: Melissa Rain Anderson
DESIGNER: Jason Lajka
TECH DIRECTOR: Tom Fagerholm
DWG BY: J. Davis
DATE: 5/30/2018
REV 1:
REV 2:
INVENTORY CODE: BR-PPC
FILE: BR1000 PHELPS CABIN

BUILD TIME

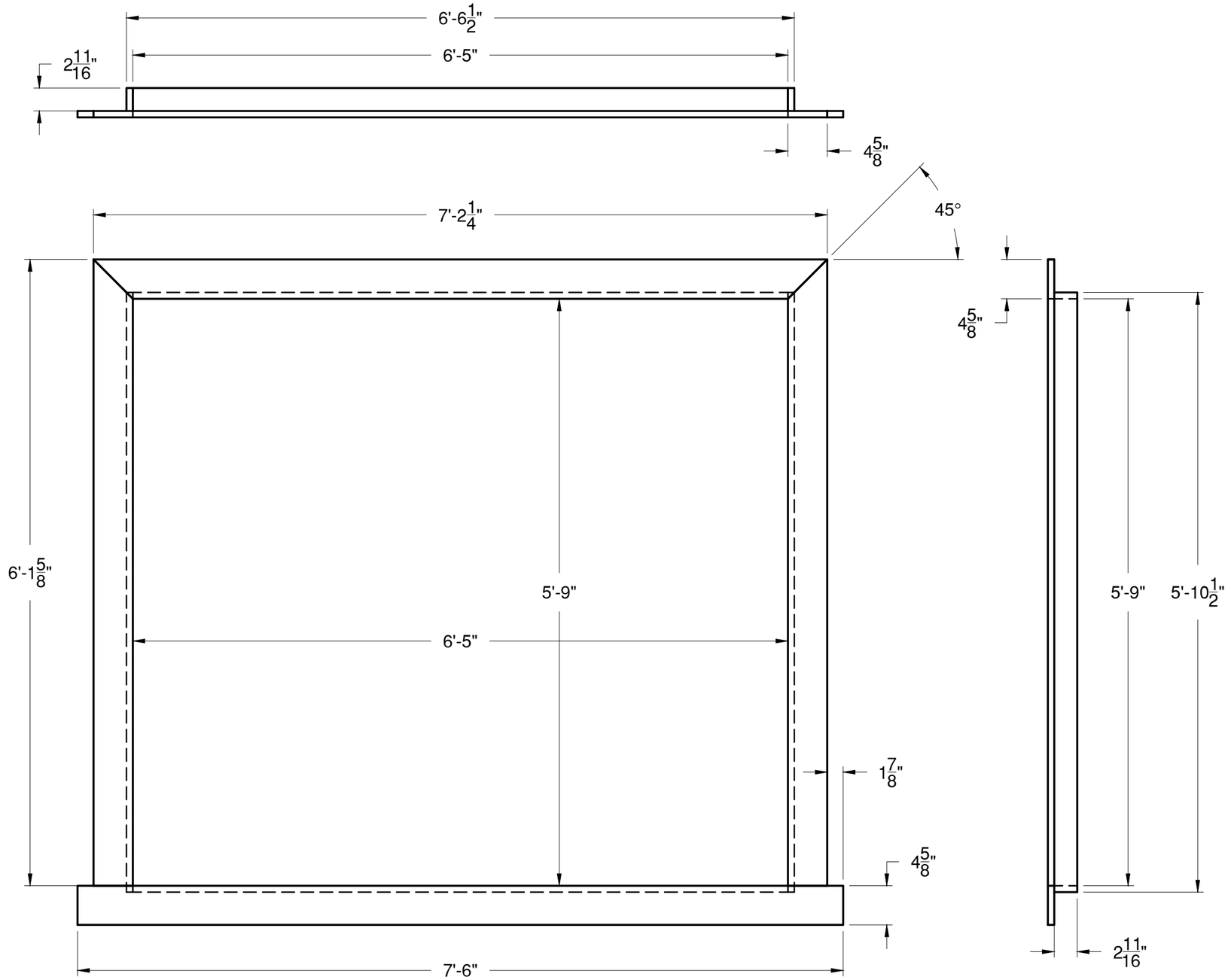
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1003



1 / 1004 WINDOW - CASING

FRONT ORTHO

1" = 1' 0"

- MAKE ONE (1)
- USE 1x6 STOCK RIPPED TO 4-5/8" AND 2-11/16"
- CUT, GLUE, AND STAPLE

Utah Shakespeare Festival
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Summer 2018
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BIG RIVER

PHELPS CABIN

WINDOW

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PPC
DATE:	5/30/2018	ERP:	BR1000:PHELPS CABIN
REV 1:		REV 2:	

BUILD TIME

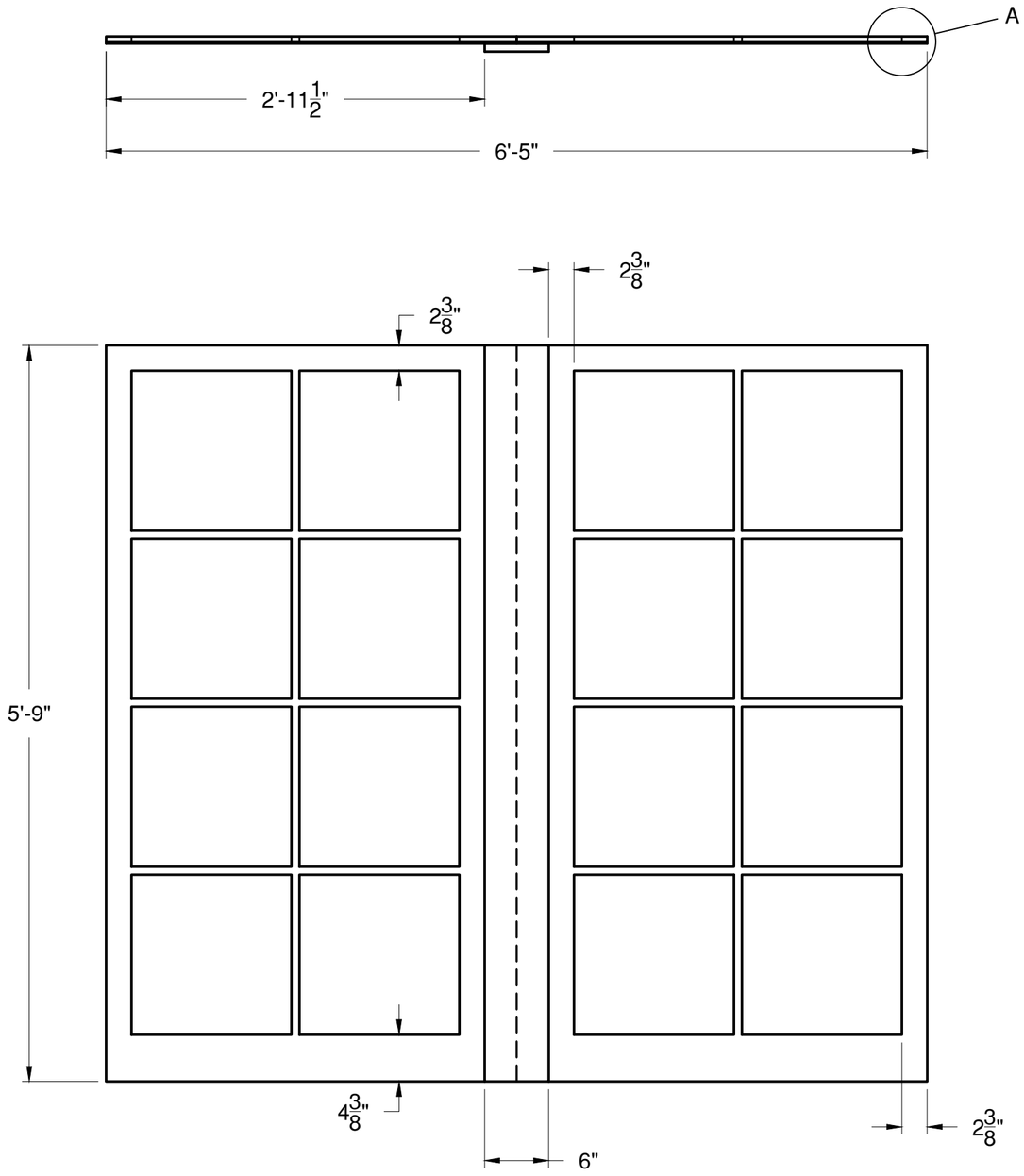
DAY	TIME

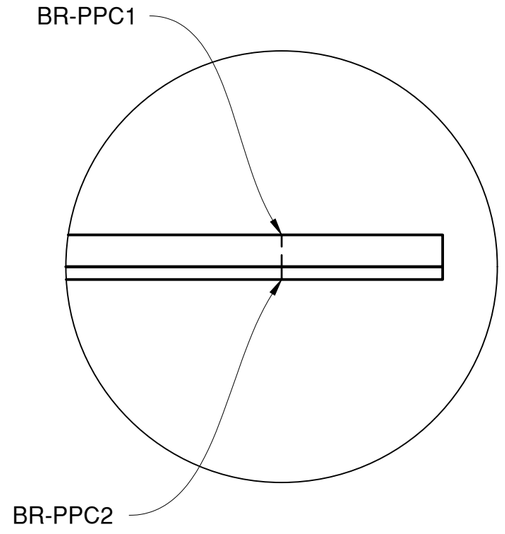
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1004





DETAIL A
SCALE 6" = 1'-0"

1 / 1005 WINDOW - PANES (CNC ASSEMBLY) — FRONT ORTHO

- MAKE ONE (1)
- USE CNC COMPONENTS "BR-PPC1" AND "BR-PPC2" AND 1x8 RIPPED TO 6"
- LAMINATE BR-PPC2 ON TOP OF BR-PPC1

* NOTE: ENSURE ALL EDGES ALL FLUSH

1" = 1' 0"

Utah Shakespeare Festival
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BIG RIVER

PHELPS CABIN

WINDOW

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PPC
DATE:	5/30/2018	FILE:	BR-1000-PHELPS CABIN
REV 1:		REV 2:	

BUILD TIME

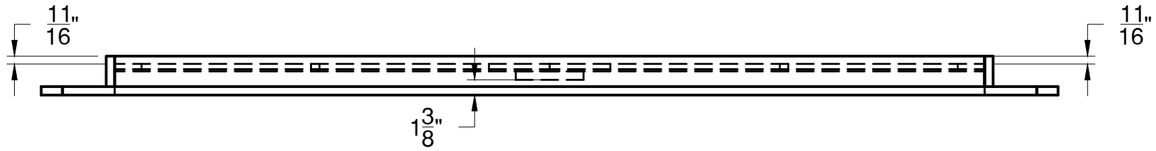
DAY	TIME

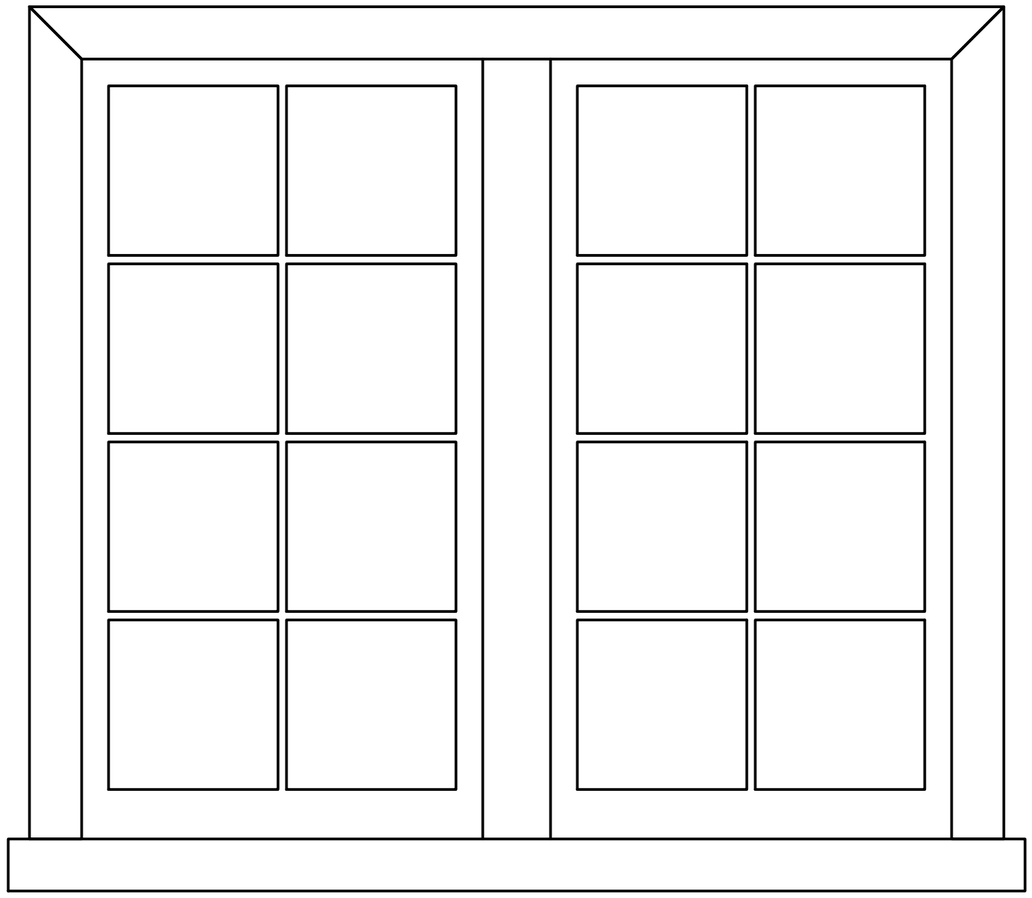
MATERIALS USED

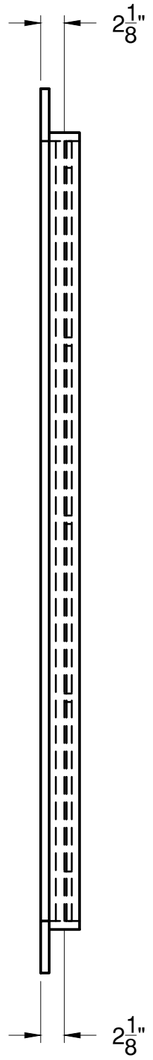
MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1005







1 / 1005 WINDOW - PANES INTO CASING

FRONT ORTHO
1" = 1' 0"

- MAKE ONE (1)
- USE 1-1004 AND 1-1005
- GLUE AND STAPLE

Utah Shakespeare Festival
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BIG RIVER

PHELPS CABIN

WINDOW

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-PPC
DATE:	5/30/2018	FILE:	BR-1000-PHELPS CABIN
REV 1:		REV 2:	

BUILD TIME

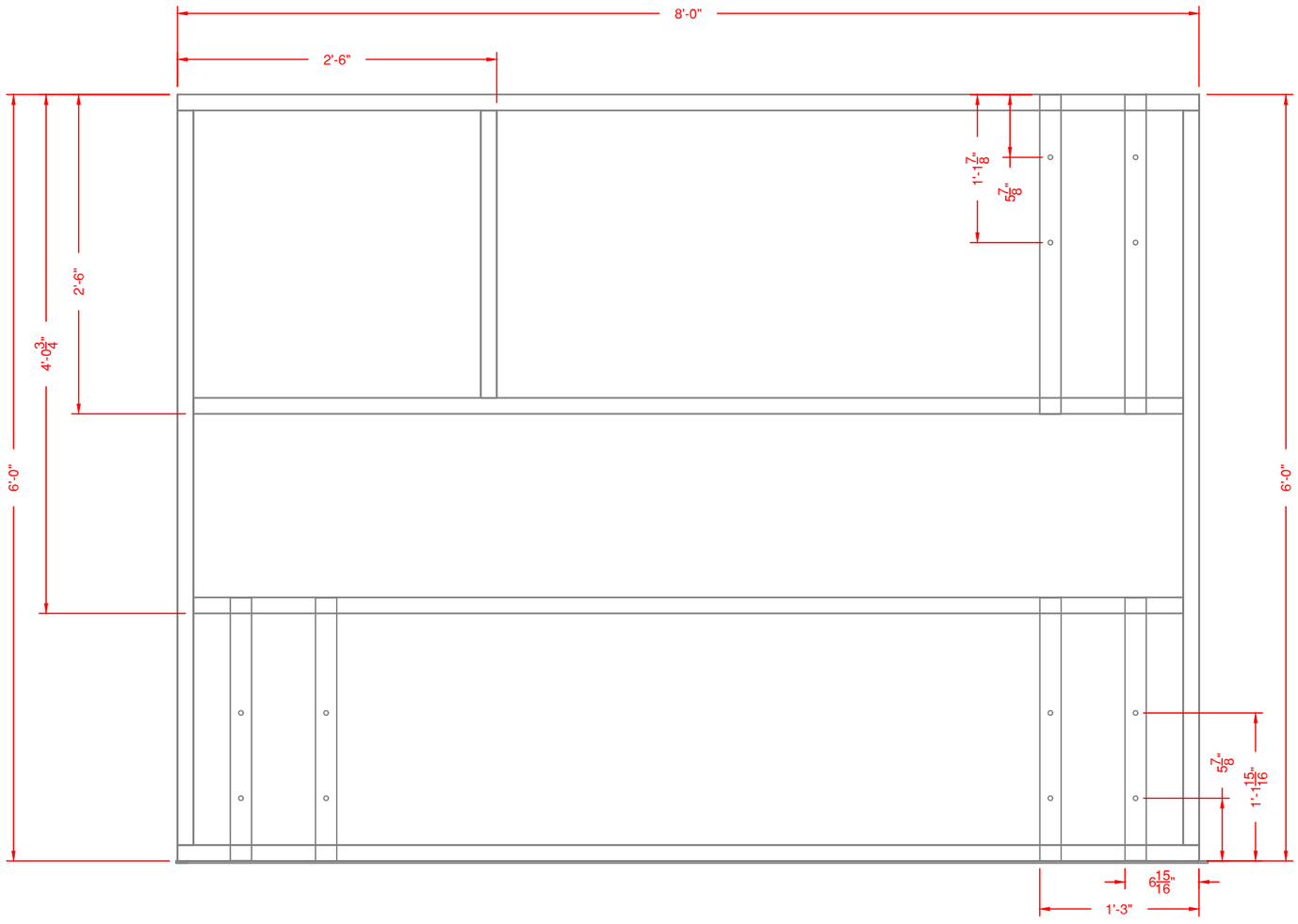
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1006



1 BR-1201 ROYAL NONESUCH BOTTOM FRAME
TOP VIEW 1" = 1'-0"

1.5" X 1.5" X 0.065" STEEL
10' 0" DIAGONAL MEASUREMENT
CASTER PLATES FROM 1" X 2" X 0.065" STEEL
CASTER PLATES WELDED TO TOP
BOLT HOLES 7/16" DRILLED ON CENTER AT DIMENSIONS NOTED, TYP
THREE WELDED SIDES, FILETS AND BOTTOMS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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Cedar City, UT 84720`

BIG RIVER

ROYAL NONESUCH

BOTTOM FRAME

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RYN
DATE:	5/1/2018
FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:	
REV 2:	

BUILD TIME

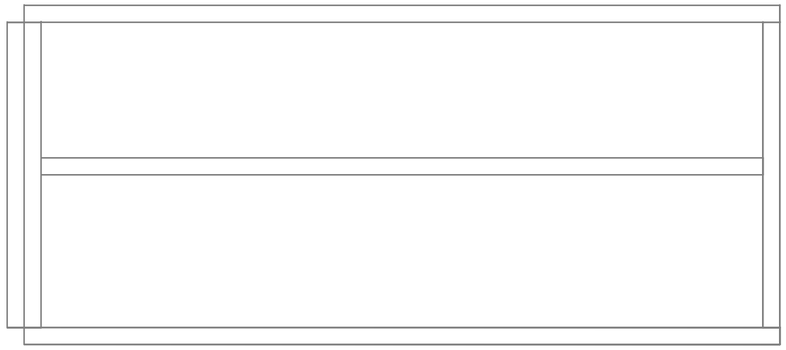
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1201



1 BR-1202 ROYAL NONESUCH TOP REAR FRAME
TOP VIEW 1" = 1'-0"

1.5" X 1.5" X 0.065" STEEL
6' 1 5/16" DIAGONAL MEASUREMENT
THREE WELDED SIDES, FILETS AND TOPS

2 BR-1202 ROYAL NONESUCH TOP FRONT FRAME
TOP VIEW 1" = 1'-0"

1.5" X 1.5" X 0.065" STEEL
8' 8 13/16" DIAGONAL MEASUREMENT
THREE WELDED SIDES, FILETS AND TOPS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
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BIG RIVER

ROYAL NONESUCH

TOP FRAME

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR - RYN
DATE:	5/1/2018	FILE	BR -1200 - ROYAL NONESUCH.DWG
REV 1:		REV 2:	

BUILD TIME

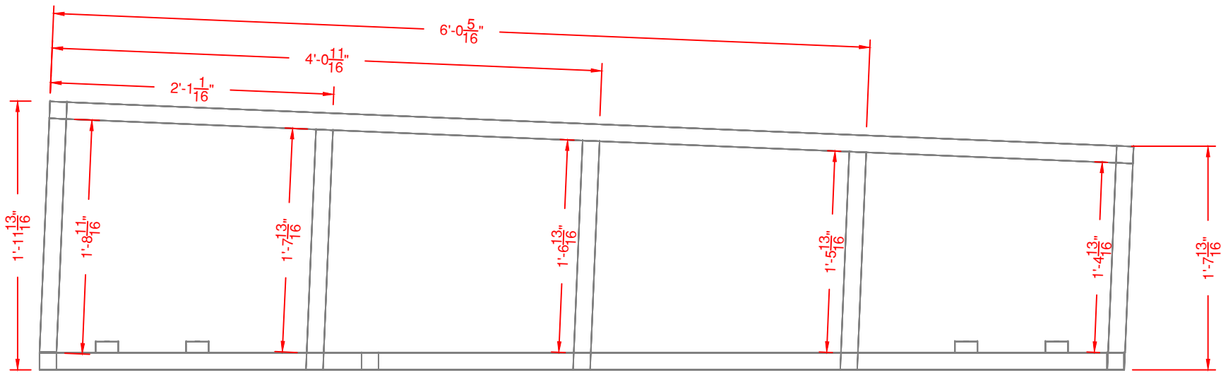
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

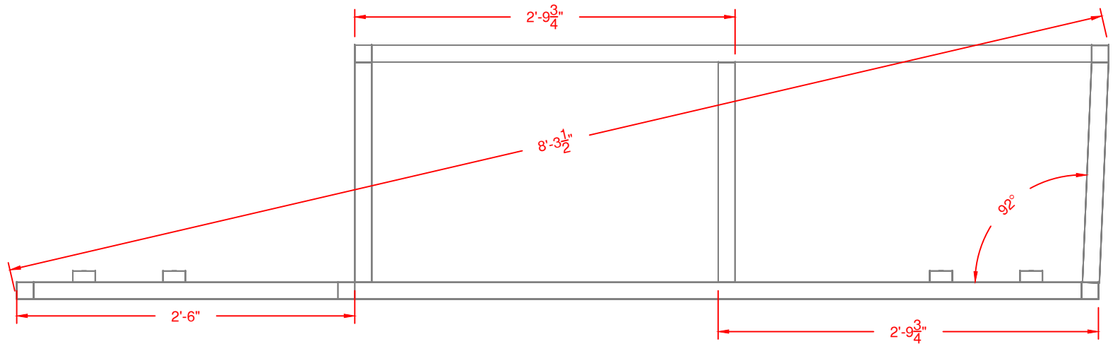
SCALE: AS NOTED

BR-1202



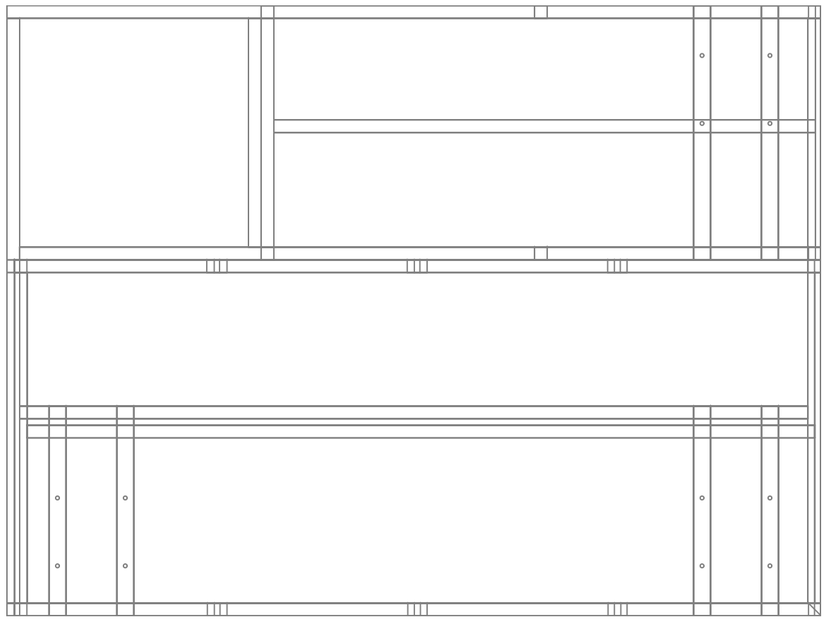
1 BR-1203 ROYAL NONESUCH FRONT UPRIGHTS
TOP VIEW 1" = 1'-0"

1.5" X 1.5" X 0.065" STEEL
8' 2 3/8" DIAGONAL MEASUREMENT HIGH TO LOW
8' 1 15/16" DIAGONAL MEASUREMENT LOW TO HIGH
THREE WELDED SIDES
DIMENSIONS SHOWN ON LOW SIDE
FAR SIDE INSIDE LEGS MUST BE 1.5" LONGER, WELDED TO SIDE OF TOGGLE
SEE BR-1204 FOR ISO VIEW TO CLARIFY
3 OF EACH FOR SL AN SR LEGS



2 BR-1203 ROYAL NONESUCH REAR UPRIGHTS
TOP VIEW 1" = 1'-0"

1.5" X 1.5" X 0.065" STEEL
6 LEGS, LAYOUT ON BR-1203-3



3 BR-1203 ROYAL NONESUCH UPRIGHT PLACEMENT
TOP VIEW 3/4" = 1'-0"

1.5" X 1.5" X 0.065" STEEL
BLUE X'S MARK LEGS
NOTE THREE ON EITHER SIDE OF DOWNSTAGE PLATFORM

Utah Shakespeare Festival
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BIG RIVER

ROYAL NONESUCH
UPRIGHTS

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RYN
DATE:	5/1/2018
FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:	
REV 2:	

BUILD TIME

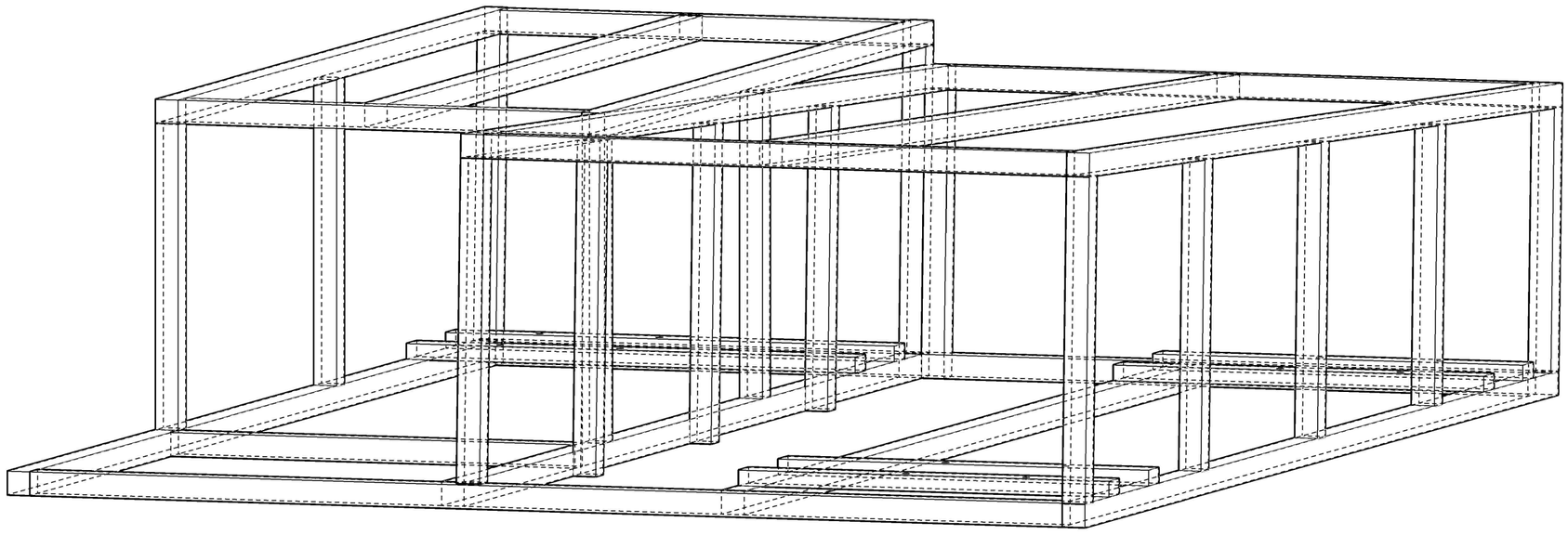
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1203



1 ROYAL NONESUCH PLATFORM FRAMING
BR-1204 TURNED VIEW 1 1/2" = 1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
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BIG RIVER

ROYAL NONESUCH

TURNED VIEW

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RYN
DATE:	5/1/2018
FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:	
REV 2:	

BUILD TIME

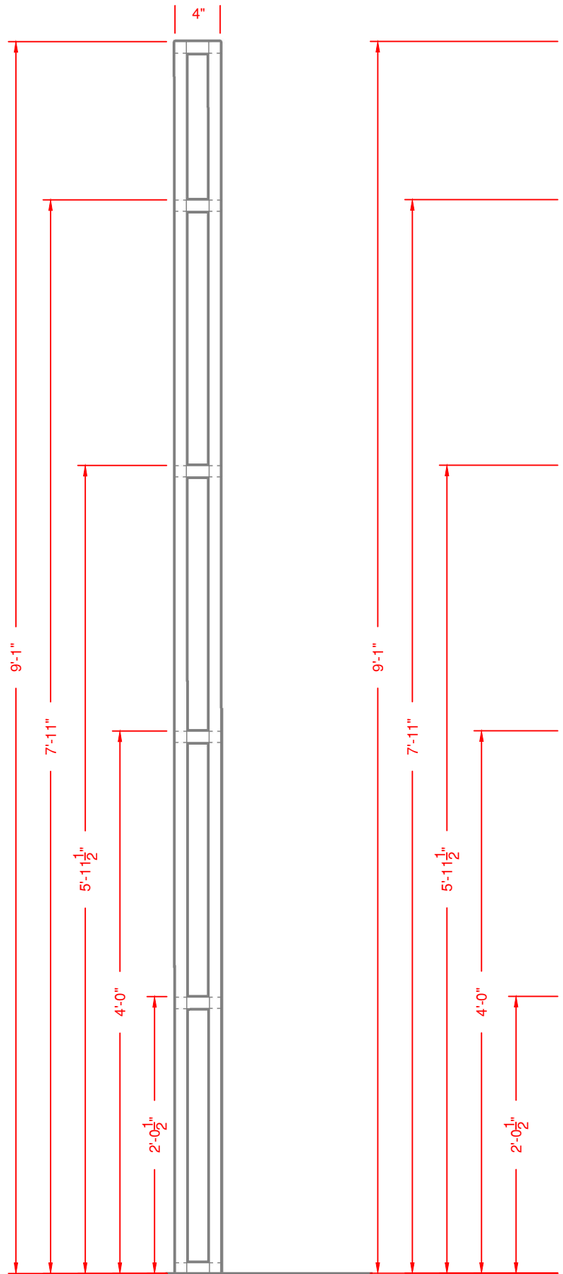
DAY	TIME

MATERIALS USED

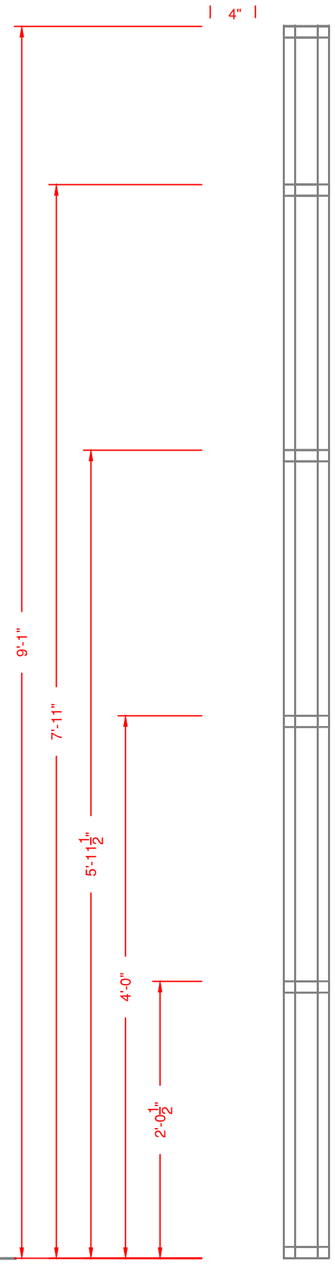
MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1204

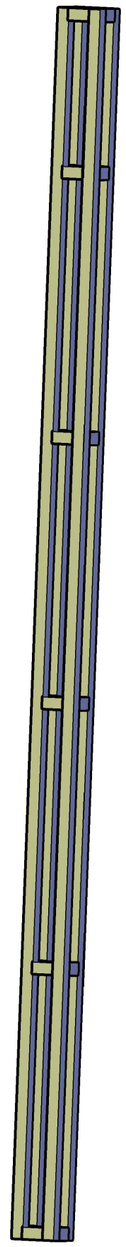


1 WALL SIDE FRAMING
BR-1205 FRONT ELEVATION 1" = 1'-0"

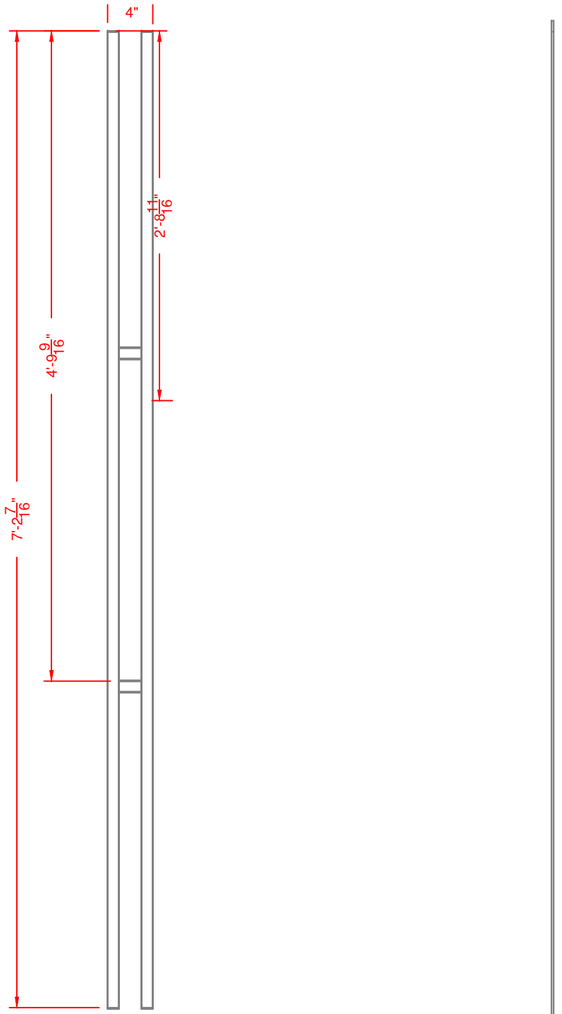


2 WALL SIDE FRAMING
BR-1205 SIDE ELEVATION 1" = 1'-0"

1" X 1" X 0.065" BOX STEEL
9' 1 1/16" DIAGONAL
WELD 4, THEN ATTACH AS SHOWN IN DRAWINGS 2 AND 3



3 WALL SIDE FRAMING
BR-1205 ISO RENDER 1" = 1'-0"



4 TOP CROSS MEMBER FRAMING
BR-1205 TOP VIEW 1" = 1'-0"

1" X 1" X 0.065" BOX STEEL
7' 2 3/16" DIAGONAL
WELD 2, ATTACHMENT TO LEGS
ON SEPARATE DRAWING

Utah Shakespeare Festival
Randall Jones Theatre
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Cedar City, UT 84720`

BIG RIVER

ROYAL NONESUCH

WALL FRAMING

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RYN
DATE:	5/3/2018
FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:	
REV 2:	

BUILD TIME

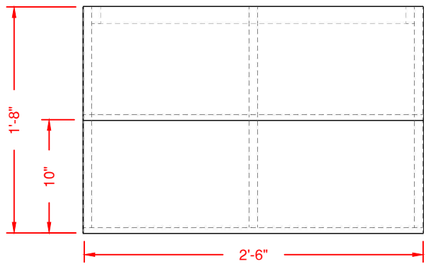
DAY	TIME

MATERIALS USED

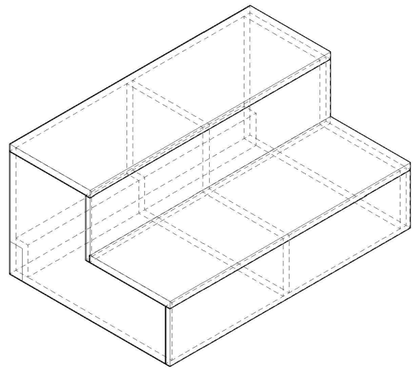
MATERIAL	QUANTITY

SCALE: AS NOTED

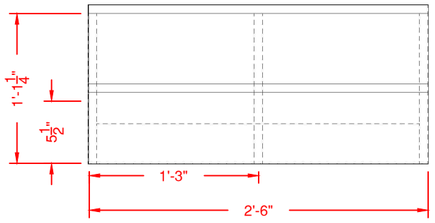
BR-1205



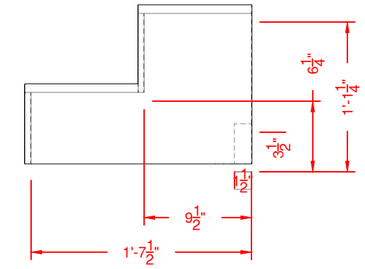
1 BR-1206 INDEPENDENT STAIR UNIT TOP VIEW 1" = 1'-0"



1 BR-1206 INDEPENDENT STAIR UNIT TOP VIEW 1" = 1'-0"



1 BR-1206 INDEPENDENT STAIR UNIT TOP VIEW 1" = 1'-0"



1 BR-1206 INDEPENDENT STAIR UNIT TOP VIEW 1" = 1'-0"

NOTES:

3/4" PLYWOOD CARRIAGE
3/4" PLYWOOD TREADS
1/2" PLYWOOD RISERS
2"X4" NOTCHED IN CENTER CARRIAGE
GLUE AND MEDIUM CROWN STAPLE

Utah Shakespeare Festival
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BIG RIVER

ROYAL NONESUCH

STAIRS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR - RYN
DATE:	5/3/2018	FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:		REV 2:	

BUILD TIME

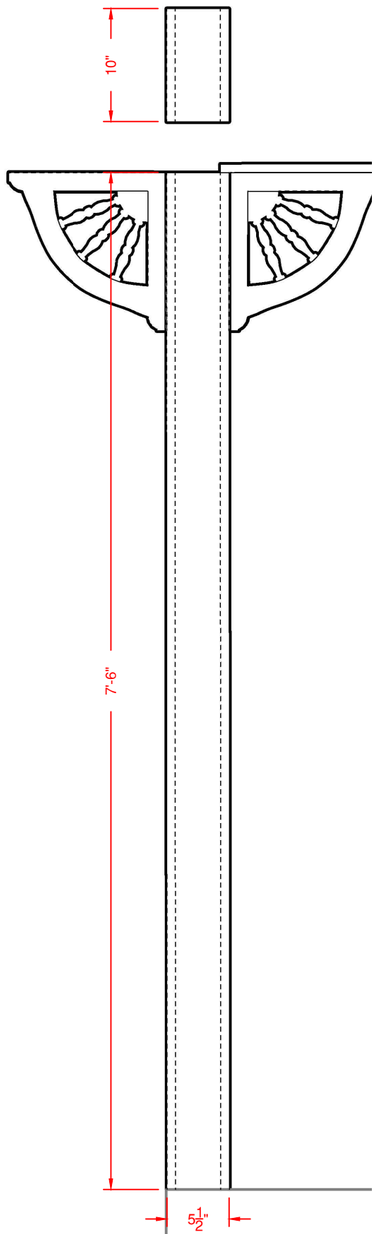
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

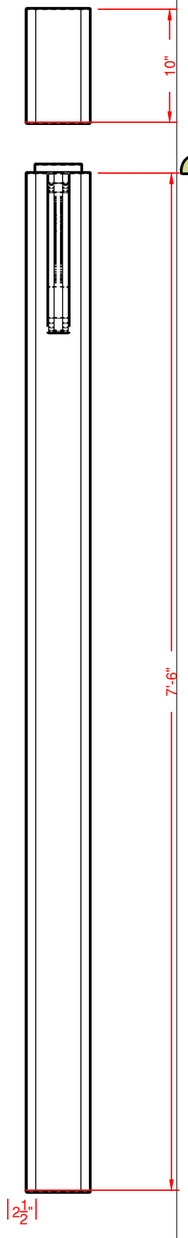
SCALE: AS NOTED

BR-1206



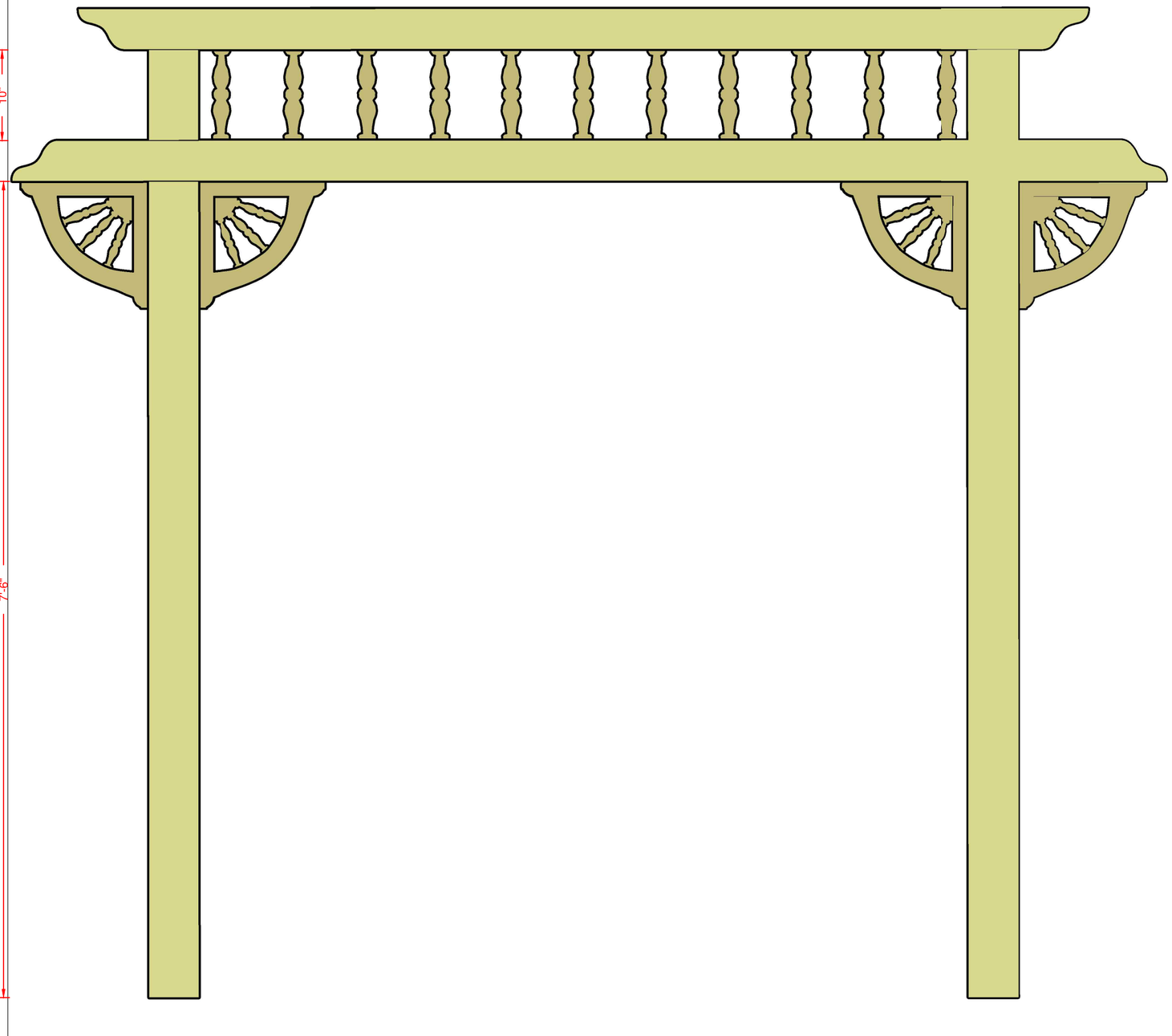
1 WALL SIDE FACING
BR-1207 FRONT ELEVATION 1" = 1'-0"

1" X 6" FULL WIDTH FOR FRONT AND BACK
T-NAIL TO STEEL FRAME



2 WALL SIDE FACING
BR-1207 SIDE ELEVATION 1" = 1'-0"

1" X 6" RIPPED TO ABOVE DIMENSION
ATTACH BEFORE FRONT AND BACK FACING
T-NAIL FLUSH TO STEEL FRAMING



3 WALL FACING
BR-1207 FRONT VIEW RENDER 1" = 1'-0"

SHAPED PIECES DETAILED ON BR-1208 AND BR-1209

Utah Shakespeare Festival
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BIG RIVER

ROYAL NONESUCH

WALL FACING

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RYN
DATE:	5/3/2018
FILE:	BR -1200 - ROYAL NONESUCH.DWG
REV 1:	
REV 2:	

BUILD TIME

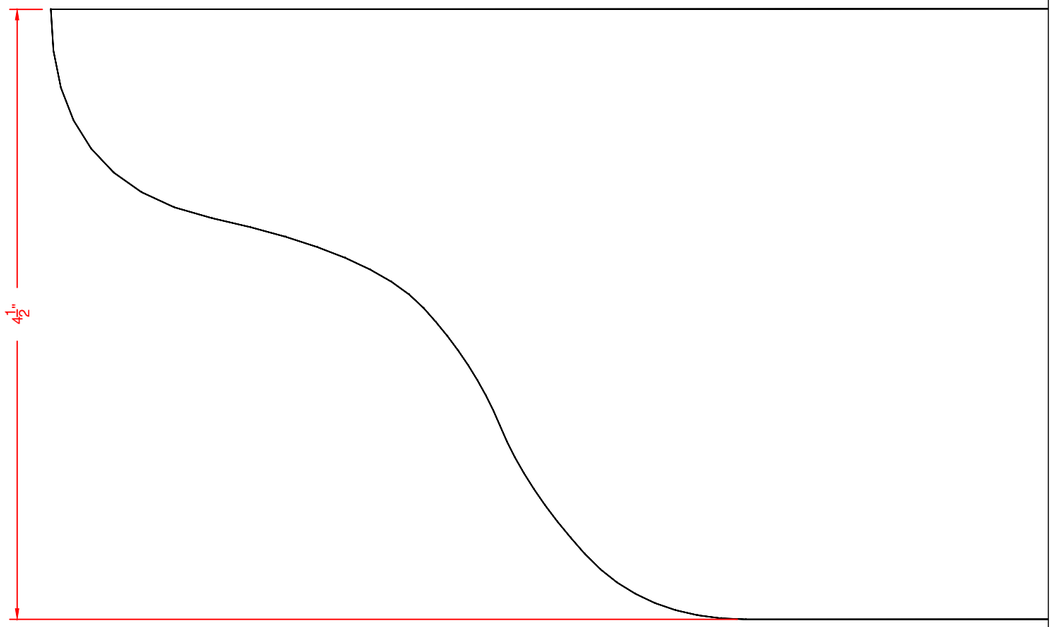
DAY	TIME

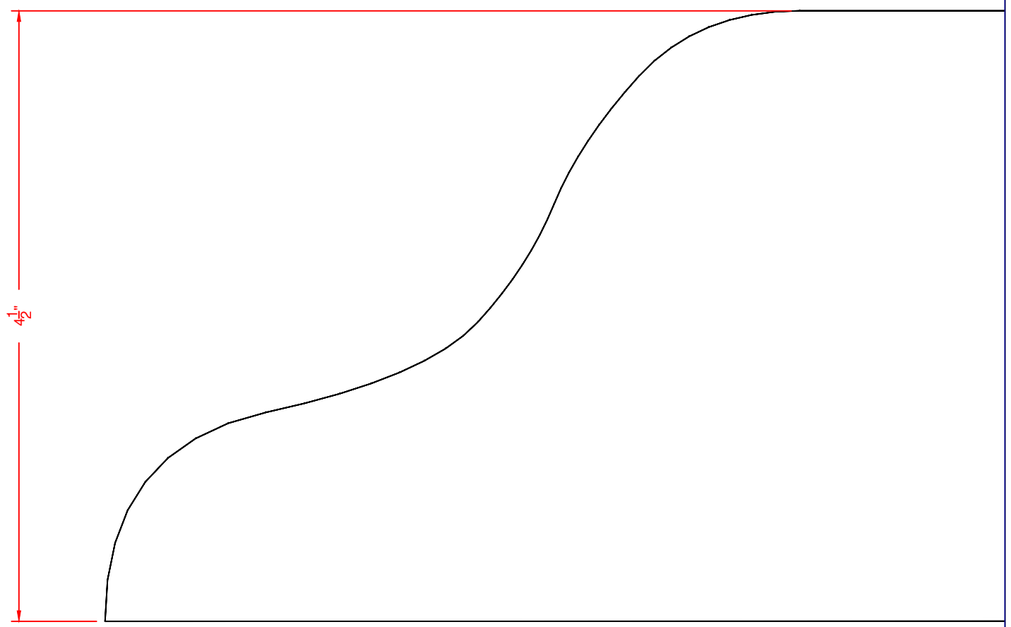
MATERIALS USED

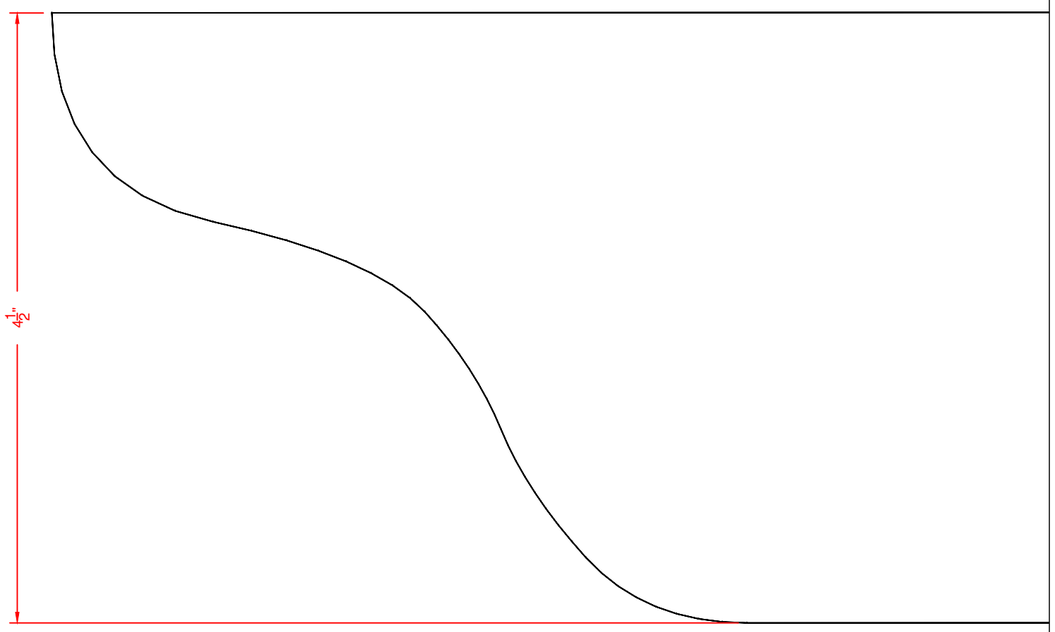
MATERIAL	QUANTITY

SCALE: AS NOTED

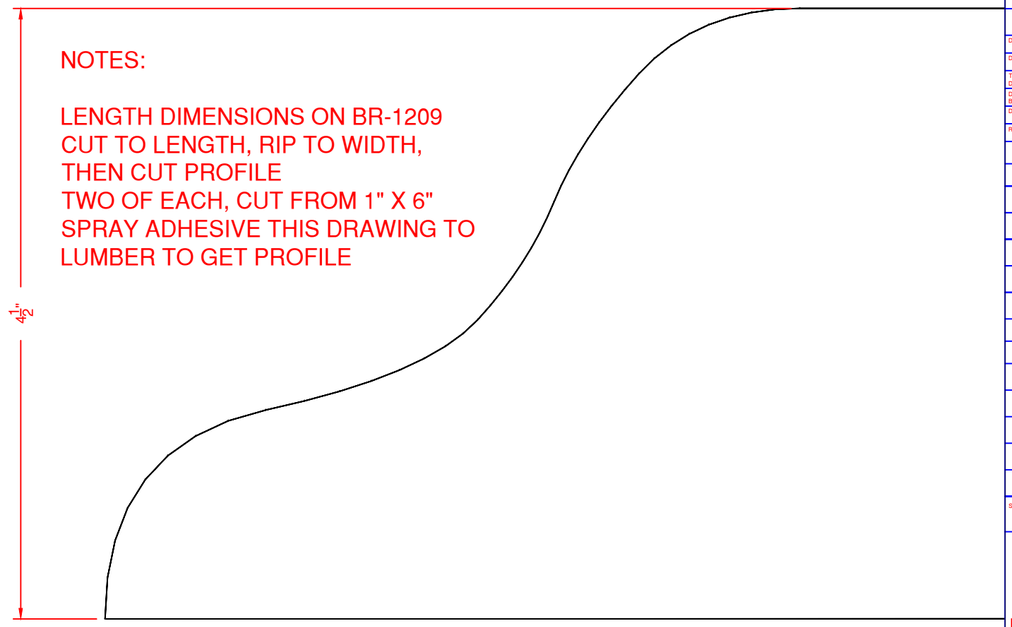
BR-1207







1 BR-1208 TOP SHAPED CROSS PIECE
FULL SIZE SHAPE 1'-0" = 1'-0"



NOTES:

LENGTH DIMENSIONS ON BR-1209
CUT TO LENGTH, RIP TO WIDTH,
THEN CUT PROFILE
TWO OF EACH, CUT FROM 1" X 6"
SPRAY ADHESIVE THIS DRAWING TO
LUMBER TO GET PROFILE

2 BR-1208 LOWER SHAPED CROSS PIECE
FULL SIZE SHAPE 1'-0" = 1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

ROYAL NONESUCH

SHAPE PROFILES

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR - RYN
DATE:	5/3/2018	FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:		REV 2:	

BUILD TIME

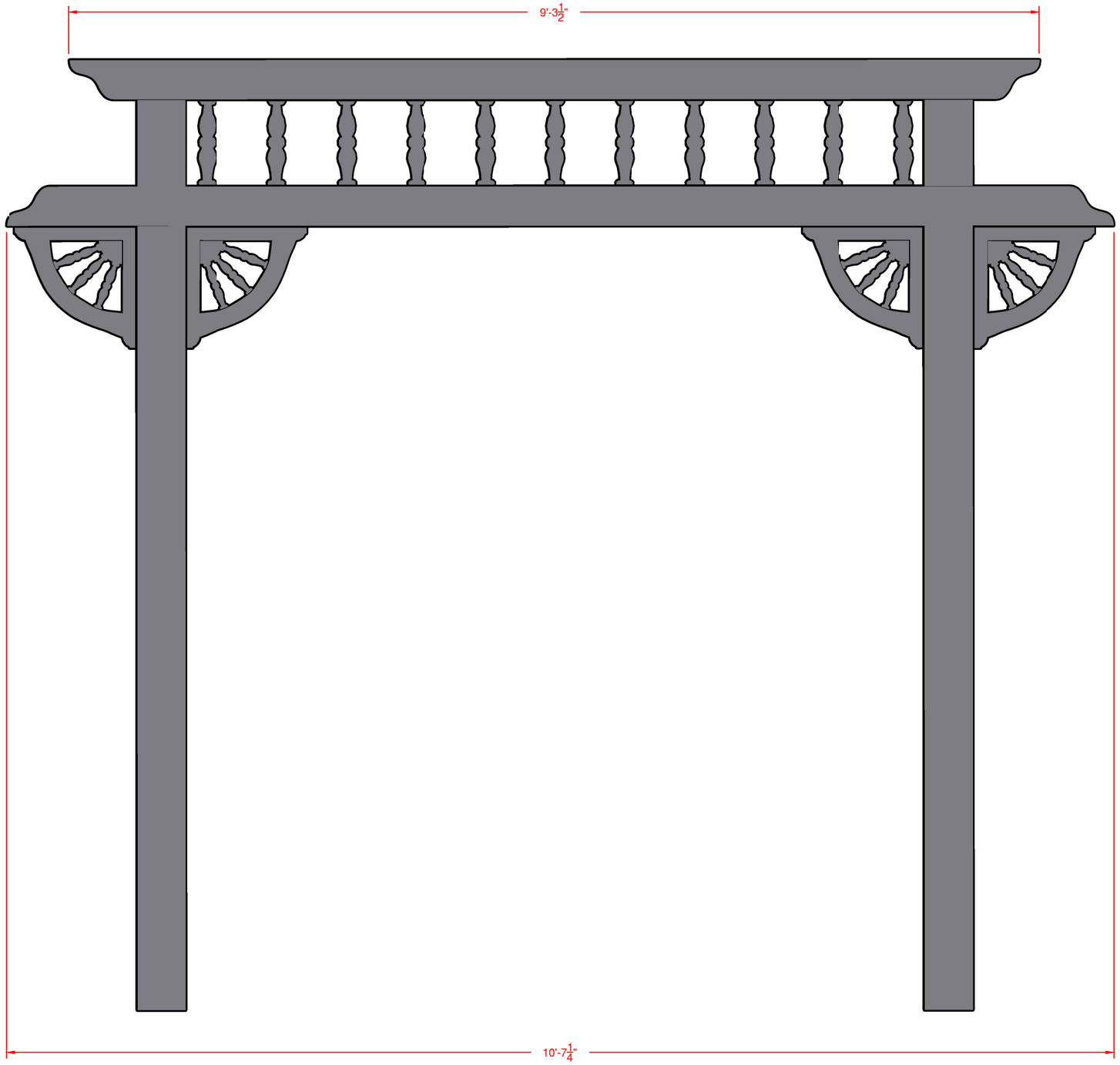
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1208



3 BR-1207 WALL FACING
FRONT VIEW RENDER 1" = 1'-0"

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

ROYAL NONESUCH

WALL

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RYN
DATE:	5/3/2018
FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:	
REV 2:	

BUILD TIME

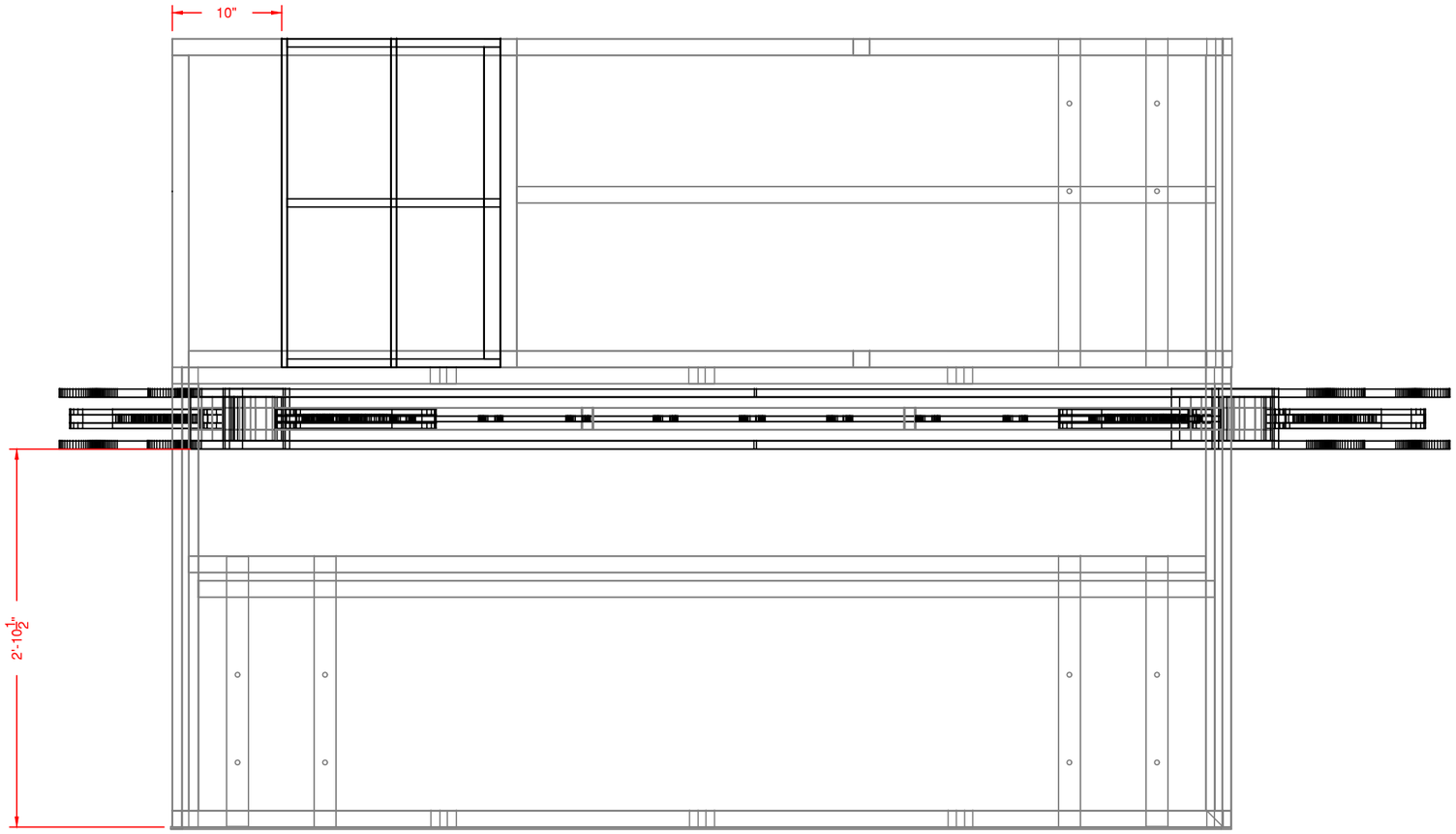
DAY	TIME

MATERIALS USED

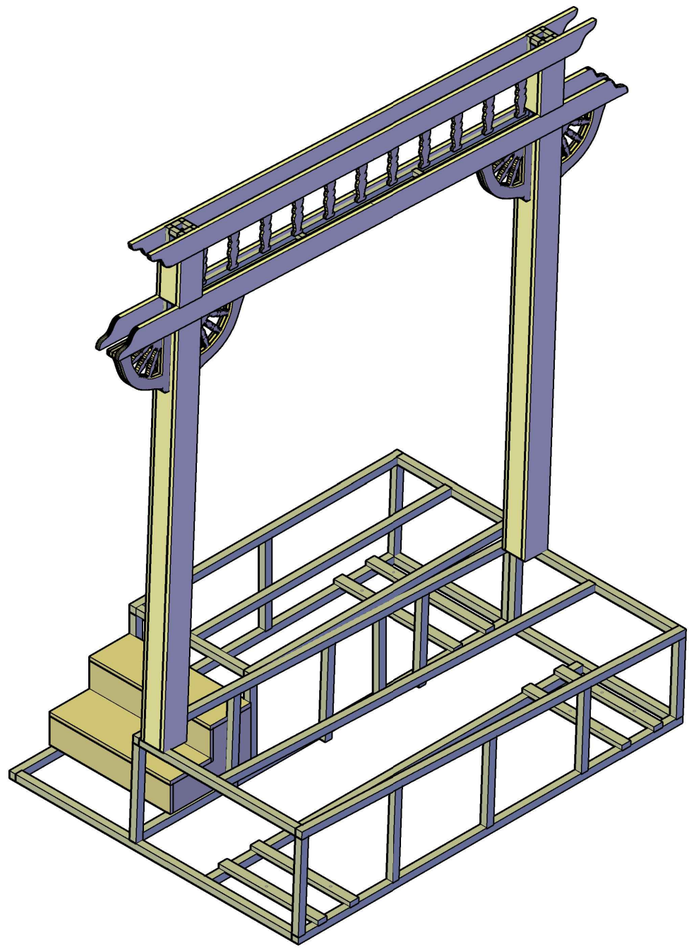
MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1209



1 BR-1201 ROYAL NONESUCH BOTTOM FRAME
TOP VIEW 1" = 1'-0"



Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

ROYAL NONESUCH

BOTTOM FRAME

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR - RYN
DATE:	5/1/2018
FILE:	BR - 1200 - ROYAL NONESUCH.DWG
REV 1:	
REV 2:	

BUILD TIME

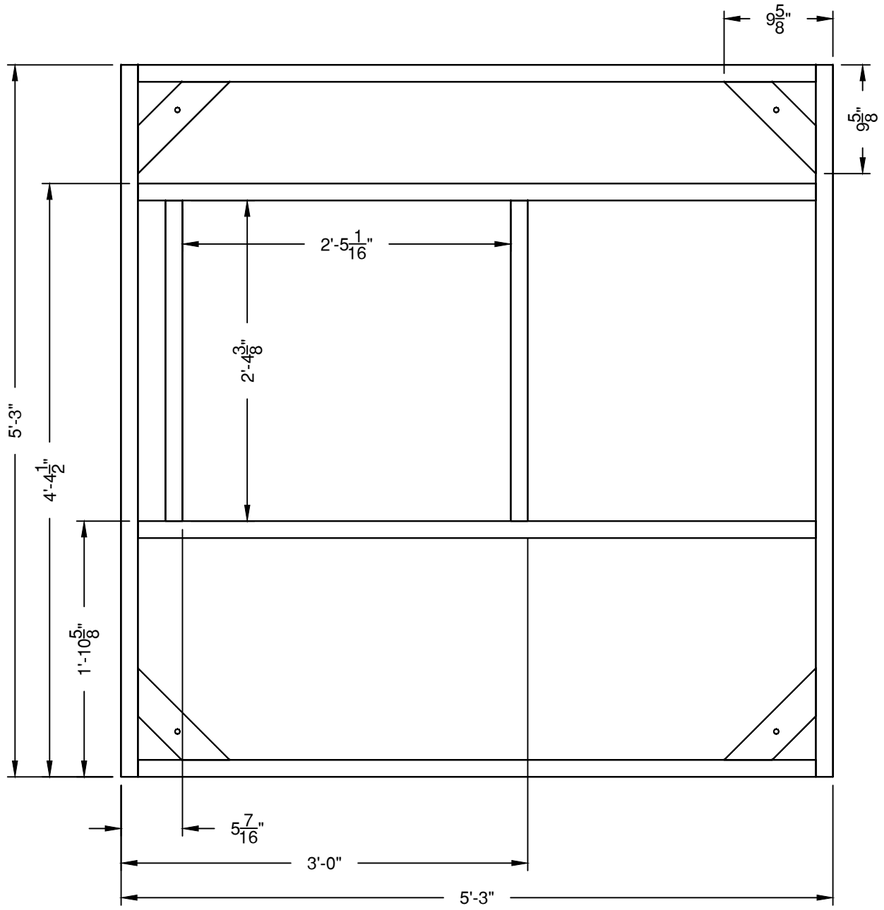
DAY	TIME

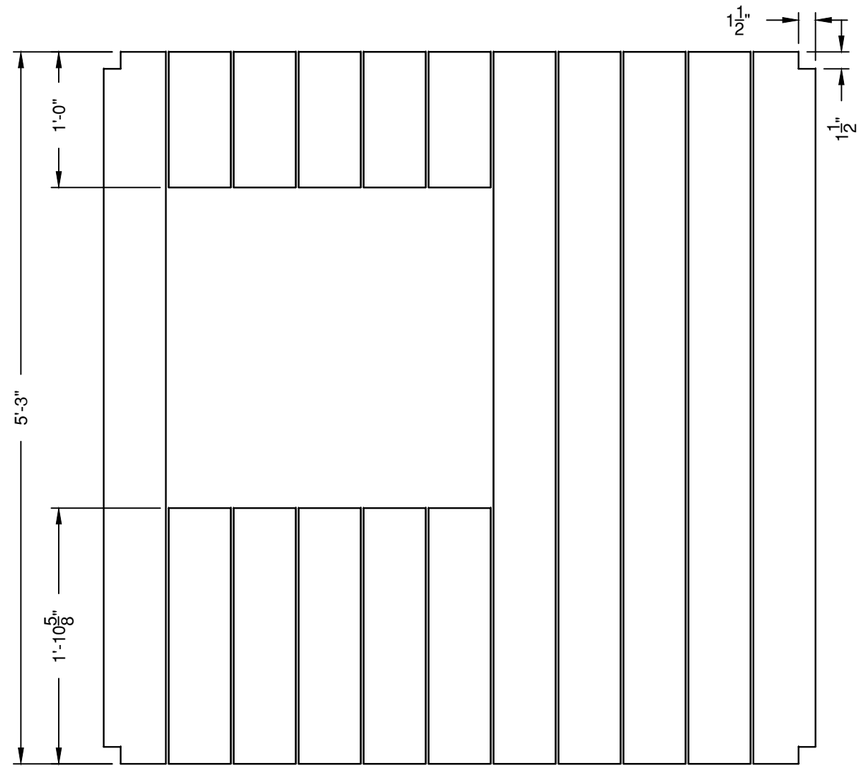
MATERIALS USED

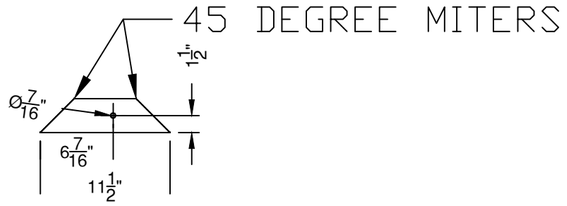
MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1210







1 BR-1301 PLATFORM FRAMING
PLAN VIEW 1" = 1'-0"

1.5" X 1.5" X 0.065" STEEL BOX TUBE
WELD 3 SIDES
CASTER PLATES 9/16" BELOW TOP OF FRAME
3" X 3/16" FLAT BAR
7' 5 1/8" DIAGONAL

2 BR-1301 PLATFORM PLANKING
TOPE VIEW 1" = 1'-0"

1 X 6 PLANKS
1/4" SPACING
INSTALL AFTER WELDING WALL FRAME TO PLATFORM FRAME

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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Cedar City, UT 84720`

BIG RIVER

SHED

PLAN

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR-SHD
DATE:	5/18/2018	FILE:	BR-1300-SHED.DWG
REV 1:		REV 2:	

BUILD TIME

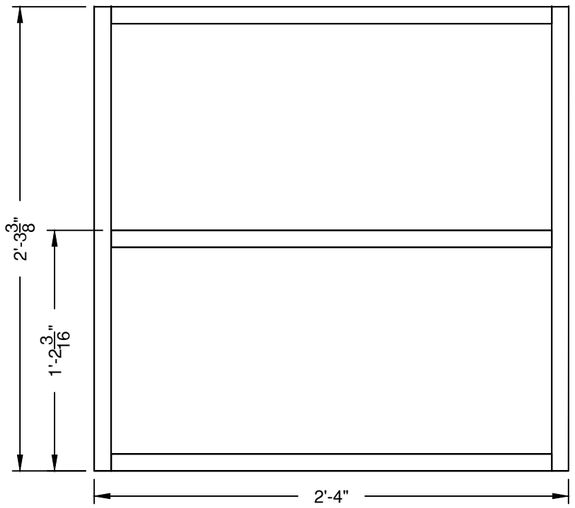
DAY	TIME

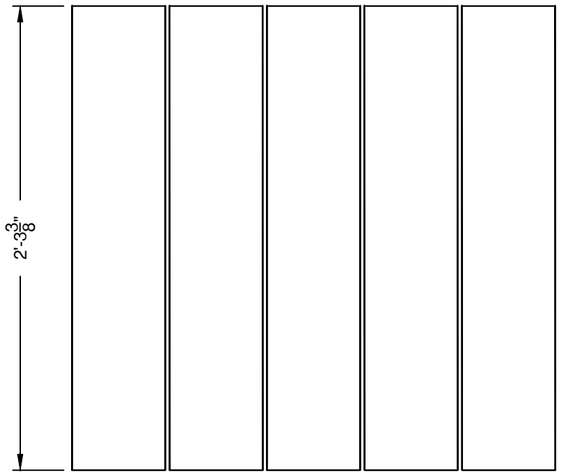
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1301





1 BR-1302 TRAPDOOR FRAMING

PLAN VIEW 1 1/2" = 1'-0"

1" X 1" X 0.065" STEEL BOX TUBE
WELD 3 SIDES
3' 3 3/16" DIAGONALS

2 BR-1302 TRAPDOOR PLANKING

TOP VIEW 1 1/2" = 1'-0"

1 X 6 PLANKS
1/4" SPACING
START AT CENTER

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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BIG RIVER

SHED

TRAPDOOR

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR-SHD
DATE:	5/18/2018	REF:	BR-1300-SHED.DWG
REV 1:		REV 2:	

BUILD TIME

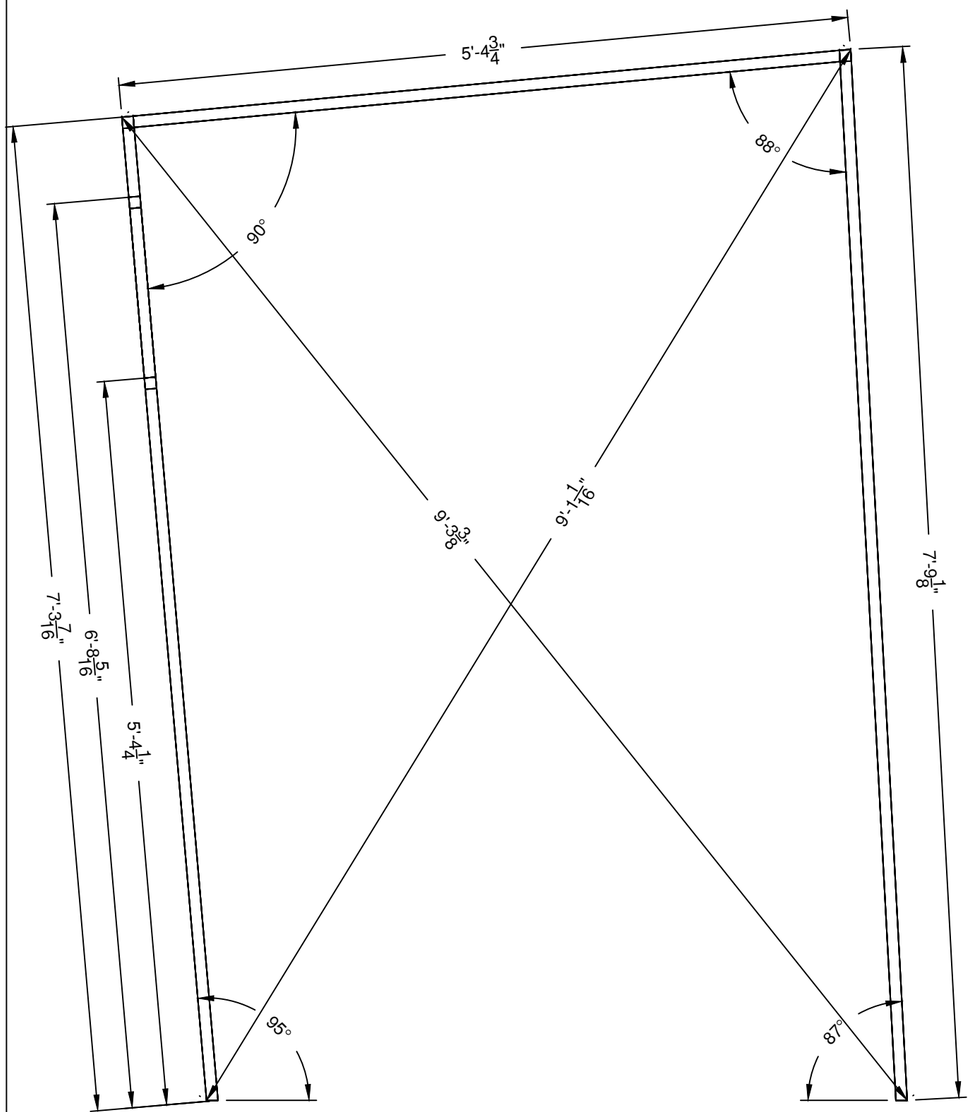
DAY	TIME

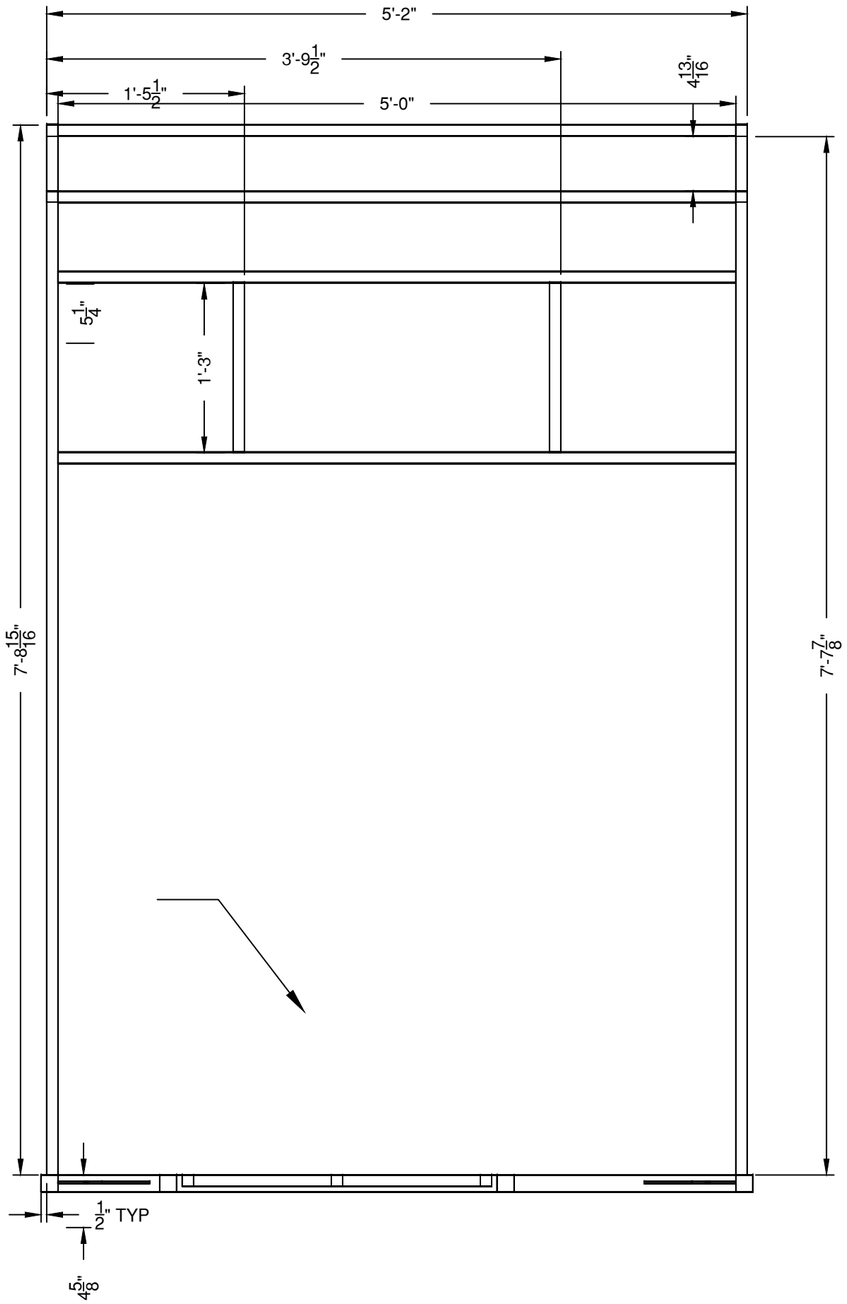
MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1302





1 BR-1303 — WALL FRAME
FRONT ELEVATION 1" = 1'-0"

1" X 1" X 0.065" STEEL BOX TUBE
WELD 3 SIDES
BUILD 2, SIDE VIEW IN DRAWING 2

2 BR-1303 — ADDITIONAL FRAMING
SIDE ELEVATION 1" = 1'-0"

5' 0" BOX TUBE SPACER AS DIMENSIONED IN DWG 1
WELDS TO FRAME 1/2" IN IN BOTH AXES AND EACH CORNER TO ACCOUNT FOR FACING

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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BIG RIVER

SHED

WALLS

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR-SHD
DATE:	6/13/2018	DWG FILE:	BR-1300-SHED.DWG
REV 1:		REV 2:	

BUILD TIME

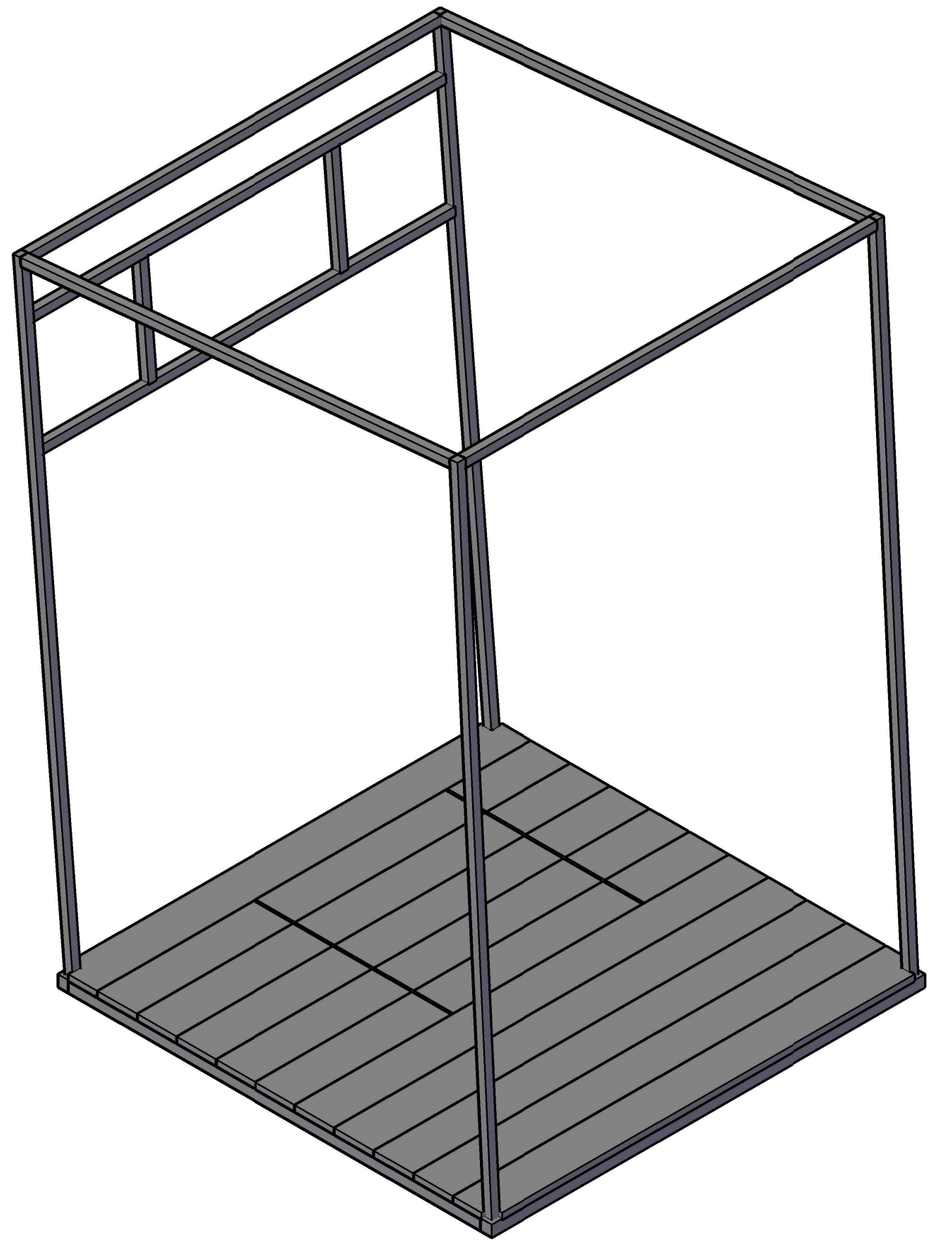
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1303



1 / BR-1304 WALL FRAME ON PLATFORM

ISO VIEW 1" = 1'-0"

SIDES AND BACK PLANKED WITH $\frac{1}{2}$" SANDEPLY STRIPS:
WILD BOARDS TO BE DRESSED ON SITE

TOP MOULDING IS A 1 X 6 MITERED TO MATCH

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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BIG RIVER

SHED

FULL UNIT

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR-SHD
DATE:	5/18/2018	FILE:	BR-1300-SHED.DWG
REV 1:		REV 2:	

BUILD TIME

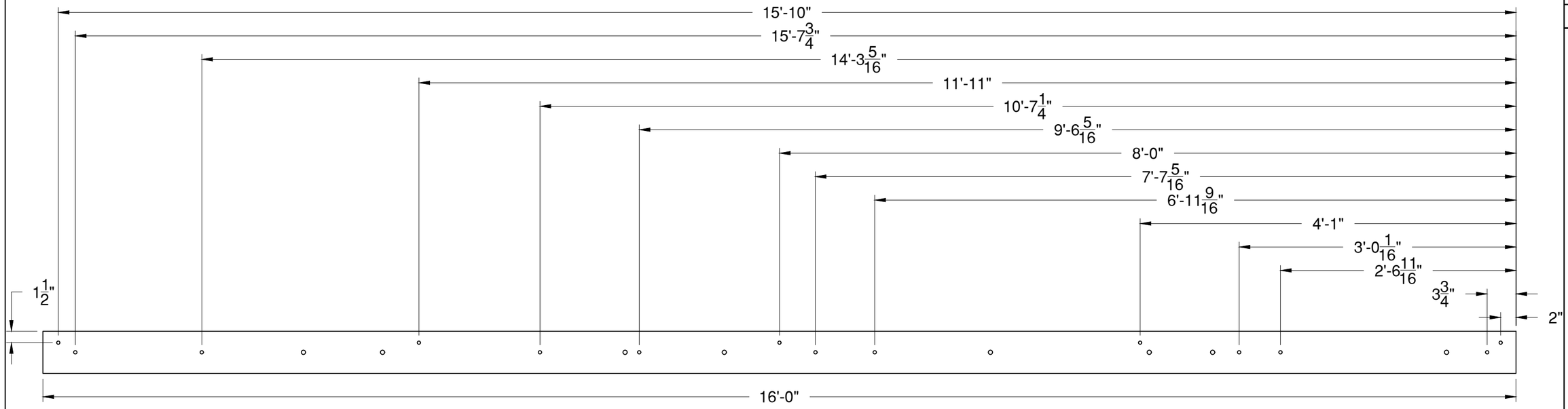
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

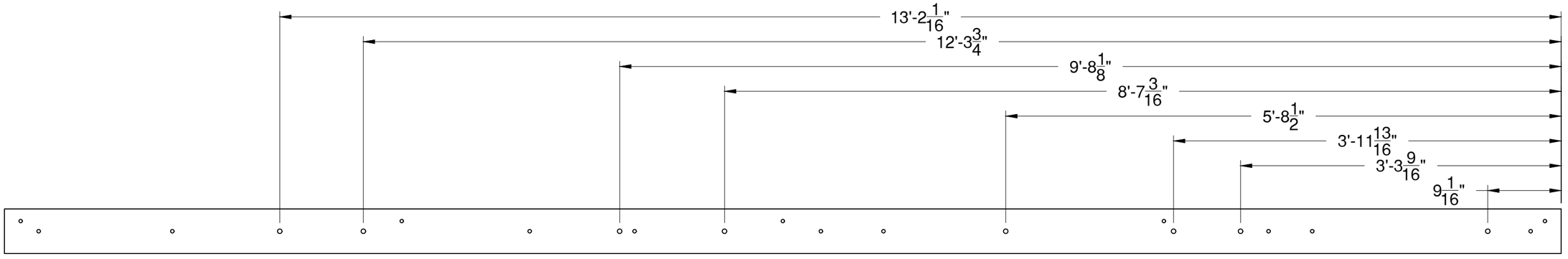
BR-1304



1 / 1401 RIGGING BOARD "A" - Ø7/16 HOLE LAYOUT — FRONT VIEW

1" = 1' 0"

- MAKE ONE (1)
- USE 1x6
- CUT AND DRILL
* NOTE: ALL HOLES ARE CENTERED UNLESS OTHERWISE NOTED
* NOTE: DIMENSIONS SHOWN ARE FOR Ø7/16"
* NOTE: REFER TO 2-1401 FOR OTHER HOLE LOCATIONS



2 / 1401 RIGGING BOARD "A" - Ø9/16 HOLE LAYOUT — FRONT VIEW

1" = 1' 0"

- MAKE ONE (1)
- USE 1-1401
- DRILL
* NOTE: ALL HOLES ARE CENTERED UNLESS OTHERWISE NOTED
* NOTE: DIMENSIONS SHOWN ARE FOR Ø9/16"
* NOTE: REFER TO 1-1401 FOR OTHER HOLE LOCATIONS
- LABEL "BR-1401" ON THE BACK

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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BIG RIVER

JAR DROP

RIGGING BOARDS

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	J. Davis
INVENTORY CODE:	BR-JRD
DATE:	5/28/2018
DWG #:	BR-1400-JAR DROP
REV 1:	
REV 2:	

BUILD TIME

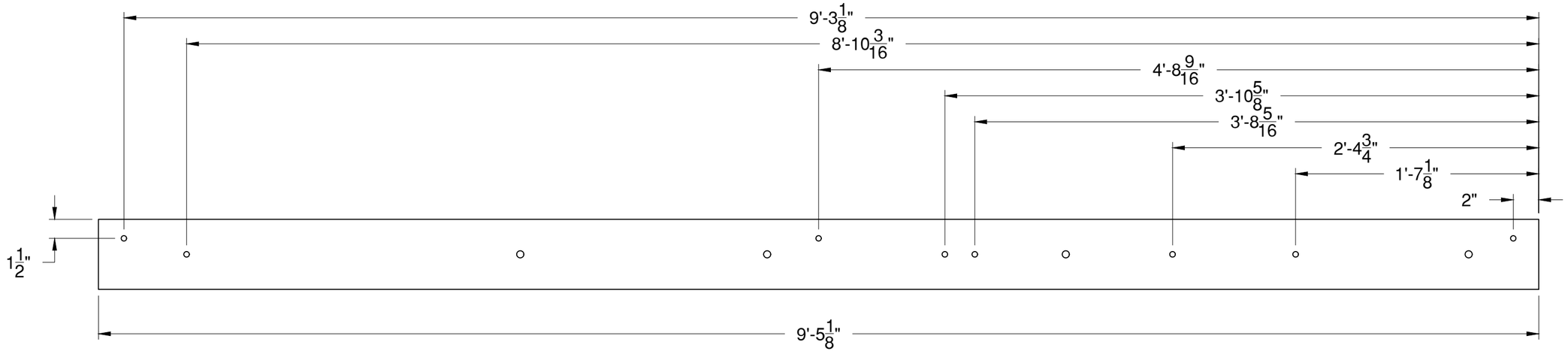
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1401

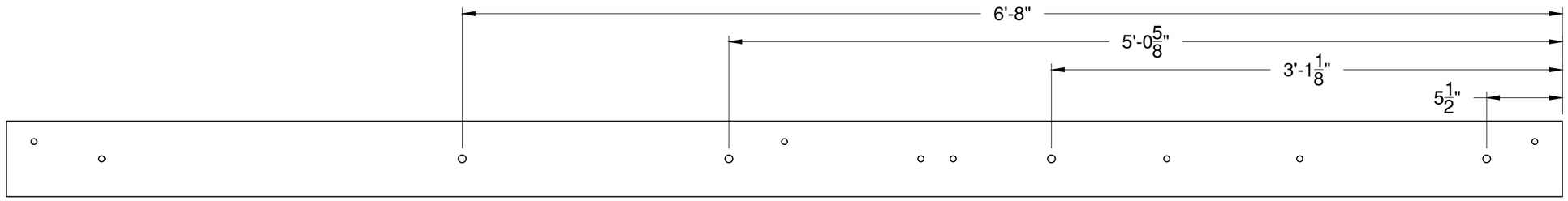


1
1402

RIGGING BOARD "B" - Ø7/16 HOLE LAYOUT — FRONT VIEW

1-1/2" = 1' 0"

- MAKE ONE (1)
- USE 1x6
- CUT AND DRILL
* NOTE: ALL HOLES ARE CENTERED UNLESS OTHERWISE NOTED
* NOTE: DIMENSIONS SHOWN ARE FOR Ø7/16"
* NOTE: REFER TO 2-1402 FOR OTHER HOLE LOCATIONS



2
1402

RIGGING BOARD "B" - Ø9/16 HOLE LAYOUT — FRONT VIEW

1-1/2" = 1' 0"

- MAKE ONE (1)
- USE 1-1402
- DRILL
* NOTE: ALL HOLES ARE CENTERED UNLESS OTHERWISE NOTED
* NOTE: DIMENSIONS SHOWN ARE FOR Ø9/16"
* NOTE: REFER TO 1-1402 FOR OTHER HOLE LOCATIONS
- LABEL "BR-1402" ON THE BACK

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

JAR DROP

RIGGING BOARDS

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-JRD
DATE:	5/28/2018	SET:	BR-1400-JAR DROP
REV 1:		REV 2:	

BUILD TIME

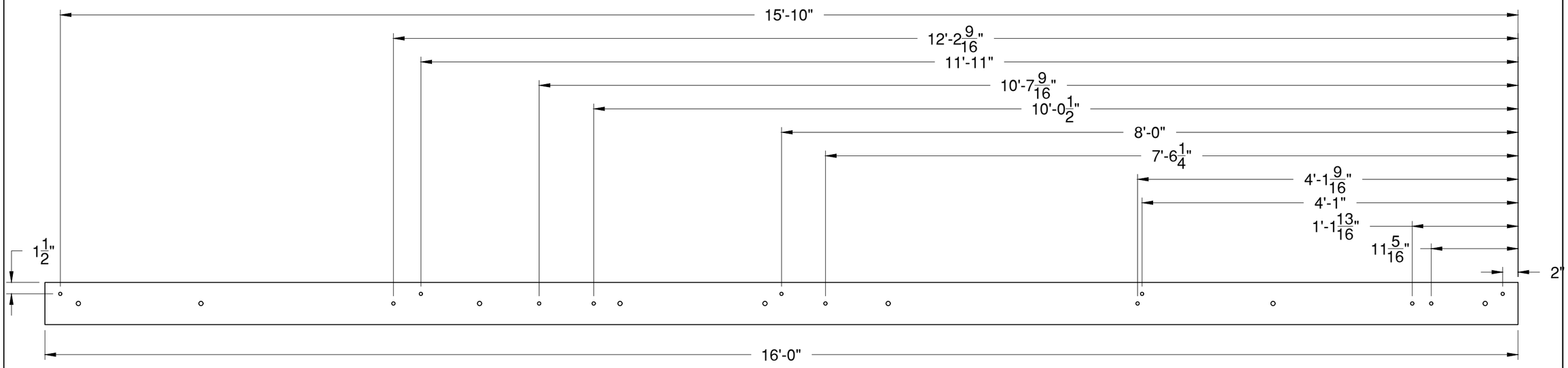
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

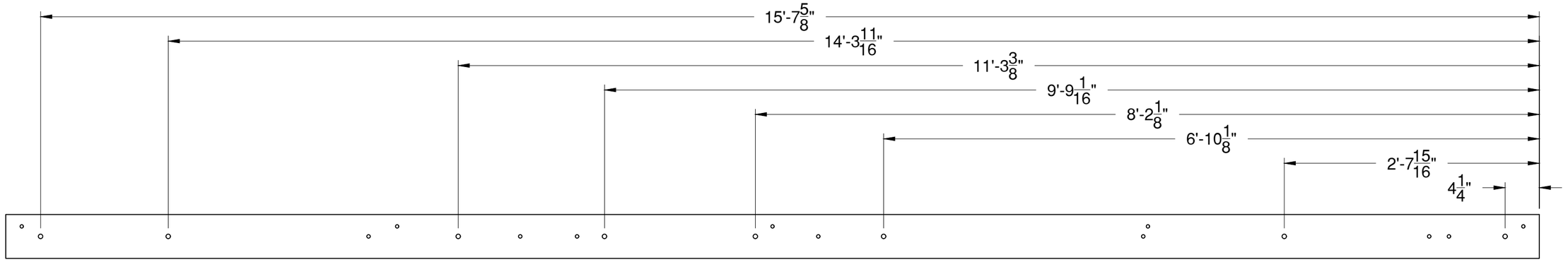
BR-1402



1 / 1403 RIGGING BOARD "C" - Ø7/16 HOLE LAYOUT — FRONT VIEW

1" = 1' 0"

- MAKE ONE (1)
- USE 1x6
- CUT AND DRILL
* NOTE: ALL HOLES ARE CENTERED UNLESS OTHERWISE NOTED
* NOTE: DIMENSIONS SHOWN ARE FOR Ø7/16"
* NOTE: REFER TO 2-1403 FOR OTHER HOLE LOCATIONS



2 / 1403 RIGGING BOARD "C" - Ø9/16 HOLE LAYOUT — FRONT VIEW

1" = 1' 0"

- MAKE ONE (1)
- USE 1-1403
- DRILL
* NOTE: ALL HOLES ARE CENTERED UNLESS OTHERWISE NOTED
* NOTE: DIMENSIONS SHOWN ARE FOR Ø9/16"
* NOTE: REFER TO 1-1403 FOR OTHER HOLE LOCATIONS
- LABEL "BR-1403" ON THE BACK

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

JAR DROP

RIGGING BOARDS

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	J. Davis
INVENTORY CODE:	BR-JRD
DATE:	5/28/2018
DWG #:	BR-1400-JAR DROP
REV 1:	
REV 2:	

BUILD TIME

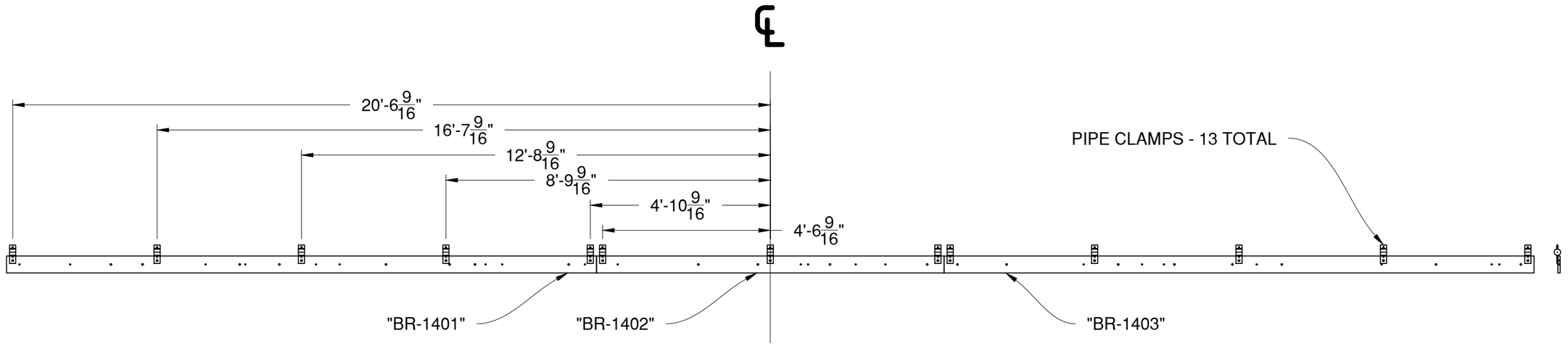
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1403



1 / 1404 RIGGING BOARDS - INSTALL — FRONT VIEW

1" = 1' 0"

- REFERENCE ONLY
- USE BR-1401, BR-1402, BR-1403, AND PIPE CLAMPS
- HANG USING 3/8"x1" BOLTS, WASHERS, AND NYLOCS

* NOTE: TAKE NOTICE OF HOLE LOCATIONS AT SEAMS TO ENSURE PROPER ORIENTATION

* NOTE: HANG BR-1402 FIRST, THEN FOLLOW WITH BR-1401 AND BR-1403

Utah Shakespeare Festival
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BIG RIVER

JAR DROP

RIGGING BOARDS

DIRECTOR:	Melissa Rain Anderson		
DESIGNER:	Jason Lajka		
TECH DIRECTOR:	Tom Fagerholm		
DWG BY:	J. Davis	INVENTORY CODE:	BR-JRD
DATE:	5/28/2018	DWG:	BR-1400-JAR DROP
REV 1:		REV 2:	

BUILD TIME

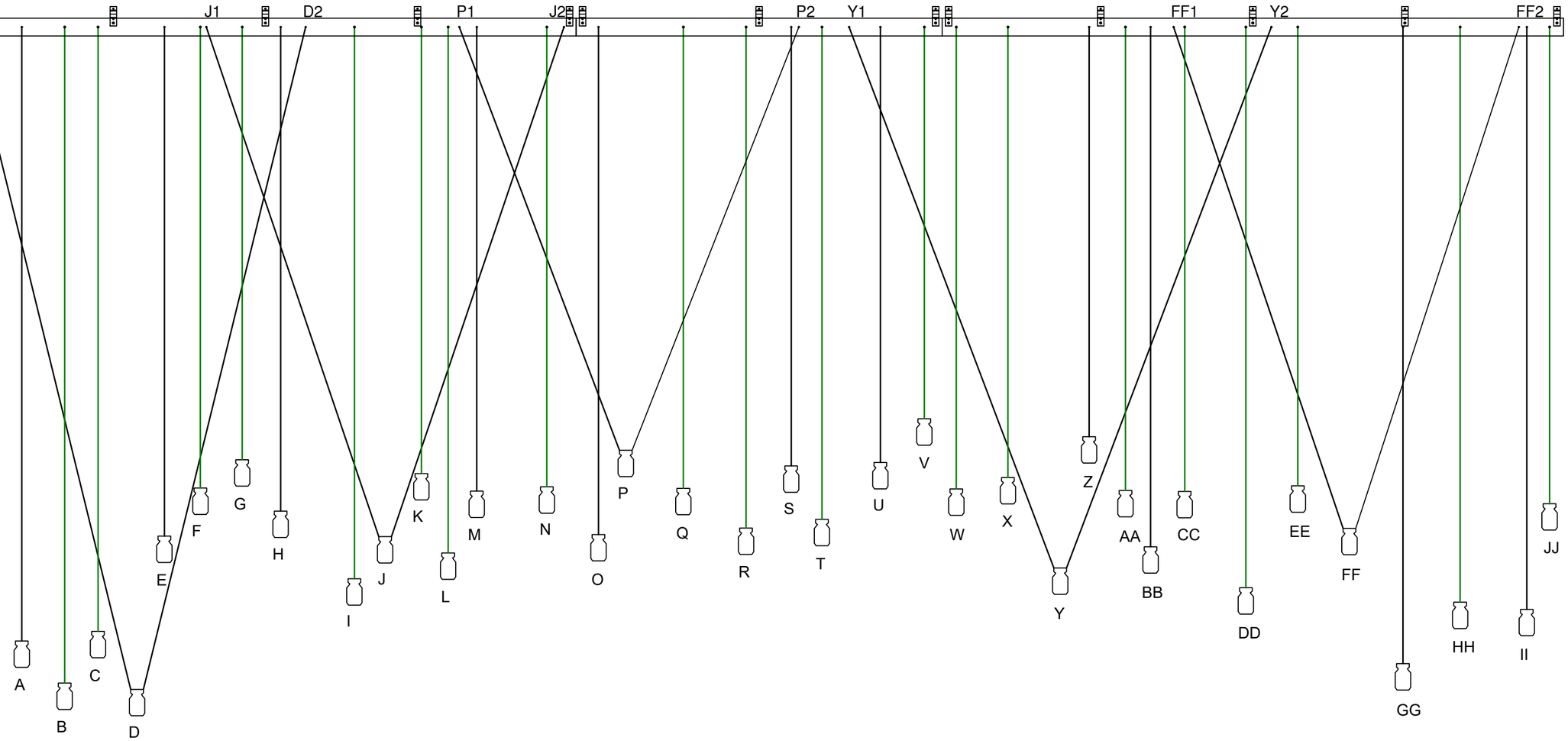
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1404



1 / 1405 JARS - INSTALL — FRONT VIEW

1" = 1' 0"

- REFERENCE ONLY
- USE JARS PROVIDED
- REFER TO BR-1406 FOR HEIGHTS

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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BIG RIVER

JAR DROP

JARS INSTALL

DIRECTOR:	Melissa Rain Anderson
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Tom Fagerholm
DWG BY:	J. Davis
INVENTORY CODE:	BR-JRD
DATE:	5/28/2018
DWG CODE:	BR-1400-JAR DROP
REV 1:	
REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1405

JAR	SIZE	HEIGHT FROM CENTER OF HOLE	ROPE
A	PINT	15' 9-5/8"	1/4"
B	QRT	16' 10-9/16"	1/2"
C	PINT	15' 6-11/16"	1/2"
D1	1/2 GAL	17' 6-5/8"	1/4"
D2	1/2 GAL	17' 6-5/8"	1/4"
E	QRT	13' 1-1/4"	1/4"
F	QRT	11' 10-3/8"	1/2"
G	PINT	11' 1-5/8"	1/2"
H	QRT	12' 5-1/2"	1/4"
I	1/2 GAL	14' 2-3/8"	1/2"
J1	QRT	13' 10-3/16"	1/4"
J2	QRT	13' 10-3/16"	1/4"
K	QRT	11' 5-15/16"	1/2"
L	QRT	13' 6-7/16"	1/2"
M	QRT	11' 11-5/16"	1/4"
N	PINT	11' 10"	1/2"
O	1/2 GAL	13' 0-3/4"	1/4"
P1	QRT	11' 7-3/4"	1/4"
P2	QRT	11' 8-1/2"	1/4"
Q	QRT	11' 10-1/2"	1/2"
R	PINT	12' 10-3/4"	1/2"
S	1/2 GAL	11' 3-9/16"	1/4"
T	QRT	12' 8-1/16	1/2"
U	QRT	11' 2-1/2"	1/4"
V	1/2 GAL	10' 1"	1/2"
W	QRT	11' 10-11/16"	1/2"
X	PINT	11' 7-1/8"	1/2"
Y1	QRT	14' 10-5/8"	1/4"
Y2	QRT	14' 10-5/8"	1/4"
Z	QRT	10' 6-9/16"	1/4"
AA	QRT	11' 11-1/8"	1/2"
BB	1/2 GAL	13' 4-9/16"	1/4"
CC	QRT	11' 11-7/16"	1/2"
DD	PINT	14' 5-1/8"	1/2"
EE	QRT	11' 9-11/16"	1/2"
FF1	1/2 GAL	13' 7-7/16"	1/4"
FF2	1/2 GAL	13' 6-13/16"	1/4"
GG	PINT	16' 4-5/8"	1/4"
HH	QRT	14' 9-5/8"	1/2"
II	1/2 GAL	14' 11-7/8"	1/4"
JJ	QRT	12' 3-1/4"	1/2"

1
1406

JARS - INSTALL

- REFERENCE ONLY
- USE JARS PROVIDED
- REFER TO BR-1405 FOR LOCATIONS

Utah Shakespeare Festival
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BIG RIVER

JAR DROP

JARS INSTALL

DIRECTOR: Melissa Rain Anderson
DESIGNER: Jason Lajka
TECH DIRECTOR: Tom Fagerholm
DWG BY: J. Davis
INVENTORY CODE: BR-JRD
DATE: 5/28/2018
FILE: BR-1400-JAR DROP
REV 1:
REV 2:

BUILD TIME

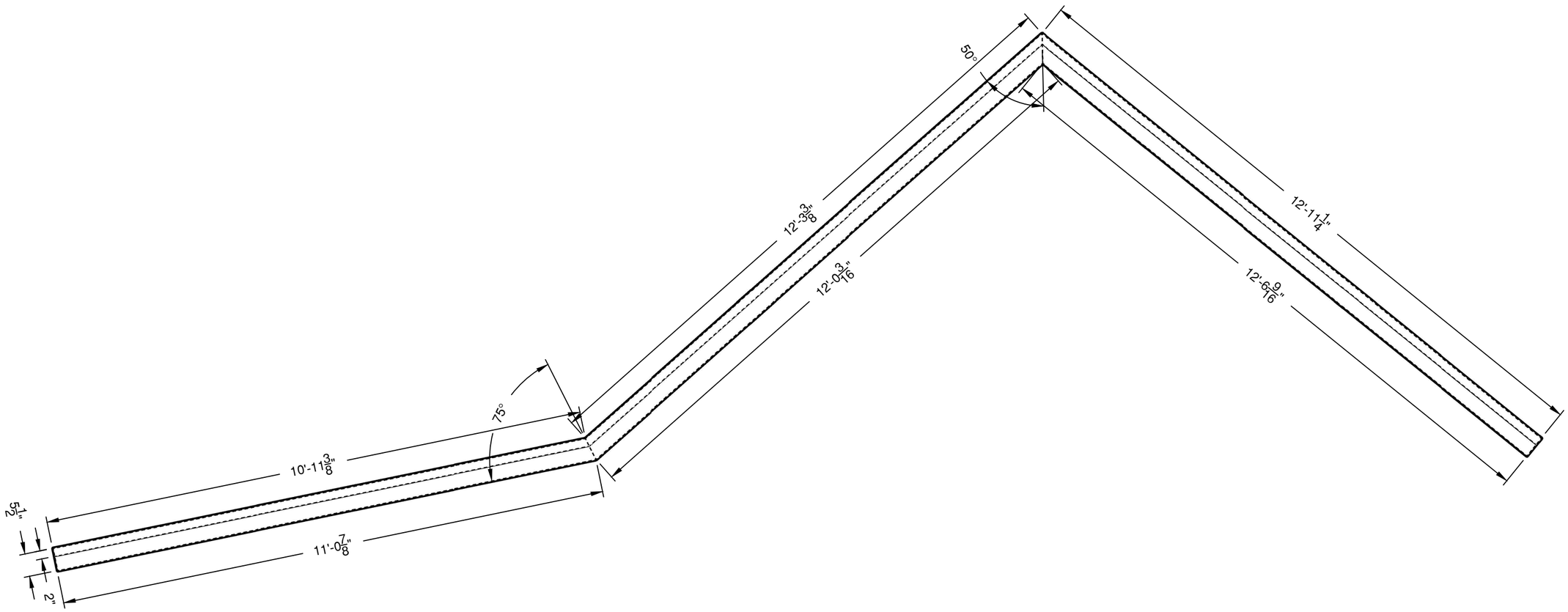
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1406



1 BR-1501 WILKE'S HOME FRONT ELEVATION 1/2"=1'

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
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Cedar City, UT 84720`

BIG RIVER

WILKE'S HOME

FRONT ELEVATION

DIRECTOR:	MELISSA RAIN ANDERSON
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TOM FAGERHOLM
DWG BY:	RJA
INVENTORY CODE:	BR-WLK
DATE:	6/19/2018
FILE:	BR-1500-WILKES HOME.DWG
REV 1:	
REV 2:	

BUILD TIME

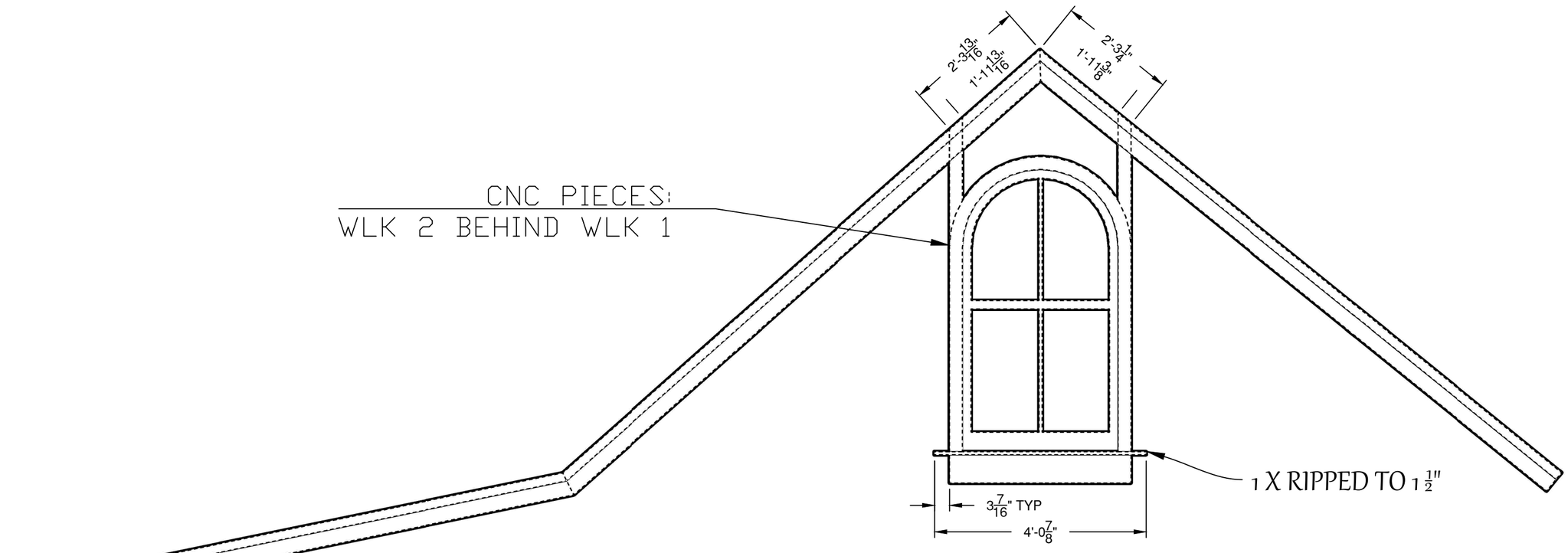
DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1501



1 WILKE'S HOME
BR-1501 FRONT ELEVATION 1/2"=1'

Utah Shakespeare Festival
Randall Jones Theatre
Summer 2018
351 University Blvd
Cedar City, UT 84720`

BIG RIVER

WILKE'S HOME

FRONT ELEVATION

DIRECTOR:	MELISSA RAIN ANDERSON		
DESIGNER:	JASON LAJKA		
TECH DIRECTOR:	TOM FAGERHOLM		
DWG BY:	RJA	INVENTORY CODE:	BR-WLK
DATE:	6/19/2018	24 BR-1500-WILKES HOME.DWG	
REV 1:		REV 2:	

BUILD TIME

DAY	TIME

MATERIALS USED

MATERIAL	QUANTITY

SCALE: AS NOTED

BR-1502