

JOSEPH AND THE AMAZING TECHNICOLOR DREAMCOAT

DIRECTOR: BRAD CARROLL

SCENIC DESIGNER: JASON LAJKA

TECHNICAL DIRECTOR: THOMAS FAGERHOLM

ASSISTANT TECHNICAL DIRECTOR: DANIEL BENNETT

CONTENTS:

- 100: DOWNSTAGE STAIRS
- 200: UPSTAGE STAIRS & PLATFORMS
- 300: UPSTAGE CENTER PLATFORM & LEGS
- 400: DOWNSTAGE LIGHT BOXES
- 500: MIDSTAGE PLATFORMS & ESCAPES
- 600: UPSTAGE LIGHT BOXES
- 700: PHARAOH'S ENTRANCE
- 800: JO HEADER
- 900: JO DROP
- 1000: PRISON
- 1100: TRAP PLUG & PIT PLATFORM
- 1200: US ESCAPES
- 1300: JO COAT RIG
- 1400: SPEAKER COVERS
- 1500: PALM TREES
- 1600: TENT
- 1700: CLOUDS
- 1800: PYRAMIDS
- 1900: COLUMNS
- 2000: MEGAMIX PROJECTION SIGN

JOSEPH

GP

LOAD IN DIMS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TOM FAGERHOLM
DWG. BY:	TKF/MDJ
DATE:	5/24/19
INVENTORY CODE:	JO-GP
FILE:	JO - 10 GP.dwg

BUILD TIME

DATE	HOURS
	(Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY
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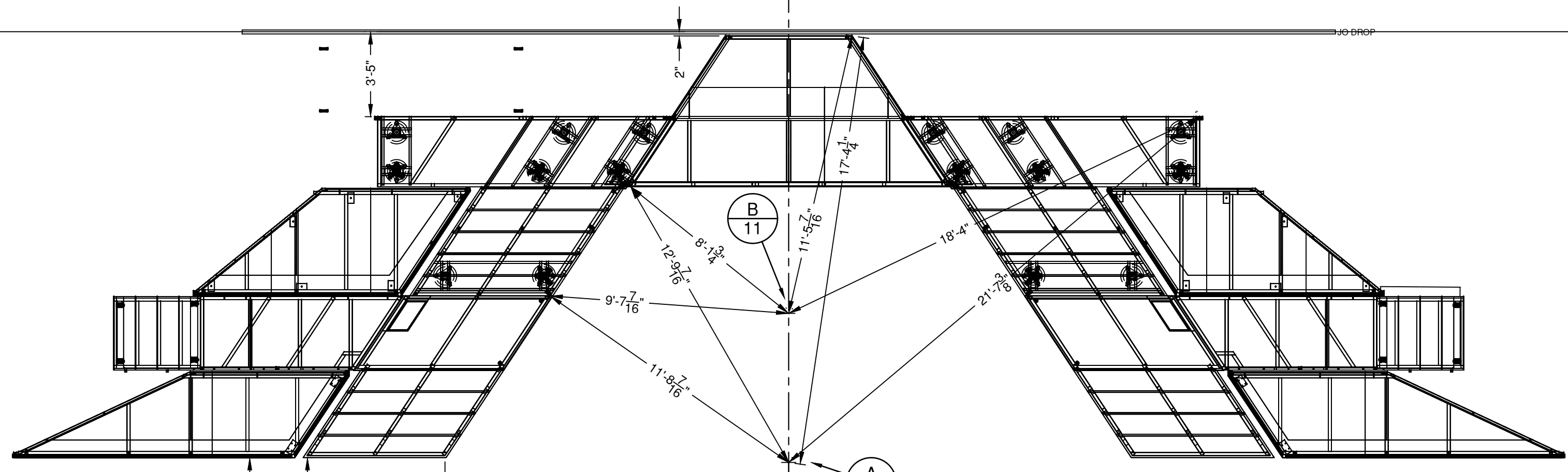
SCRAP USED

MATERIAL	QUANTITY
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SCALE: 1/4"=1'-0"

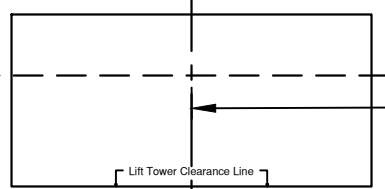
10

32'-2" FURTHEST UPSTAGE POINT OF FLYHOUSE +32'-2" FURTHEST UPSTAGE

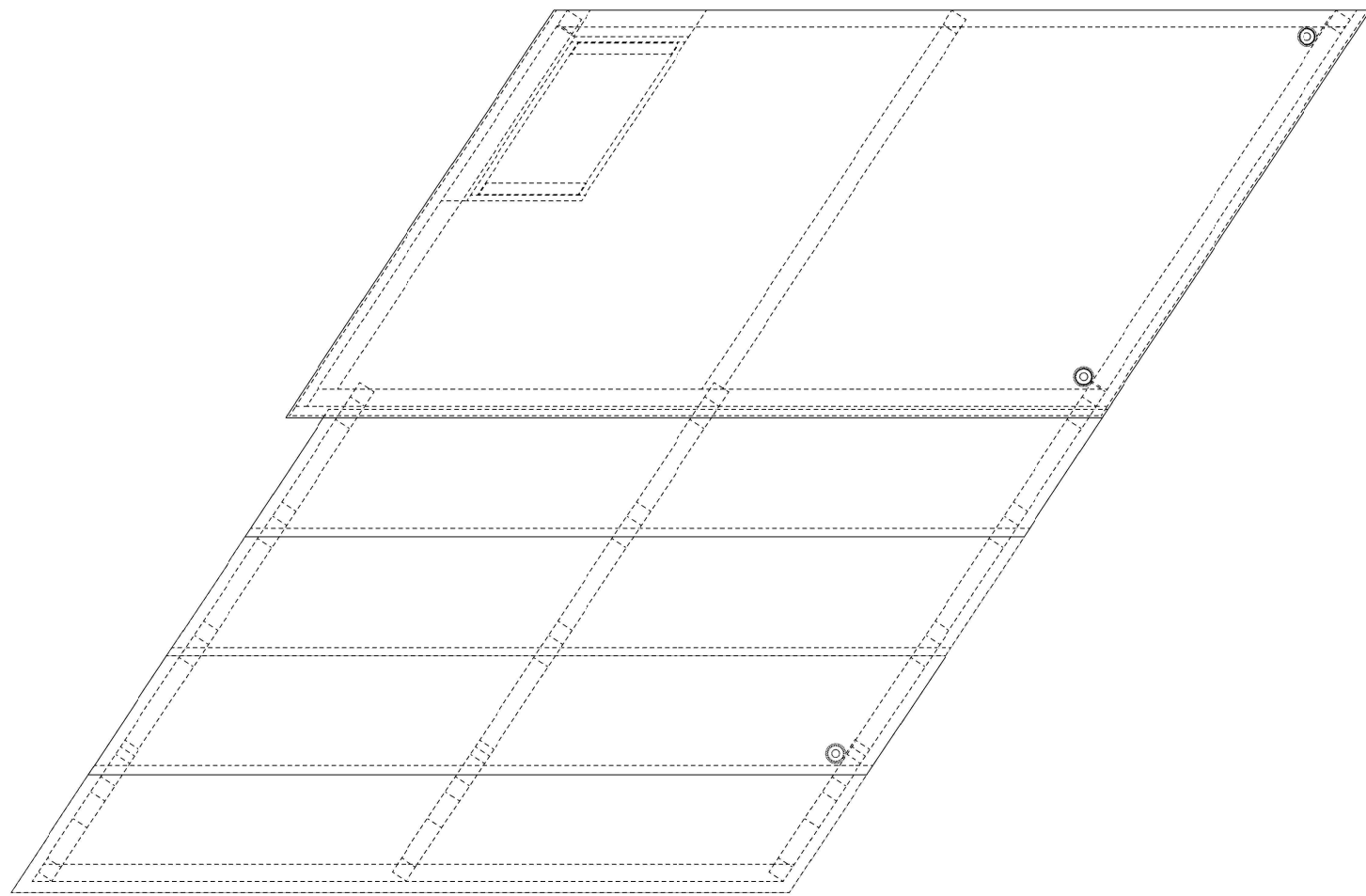


1 TOP/PLAN VIEW
 11 POINT (A) IS 4'-0" FROM PLASTER LINE
 POINT (B) IS 10'-0" FROM PLASTER LINE
 1/4"=1'-0"

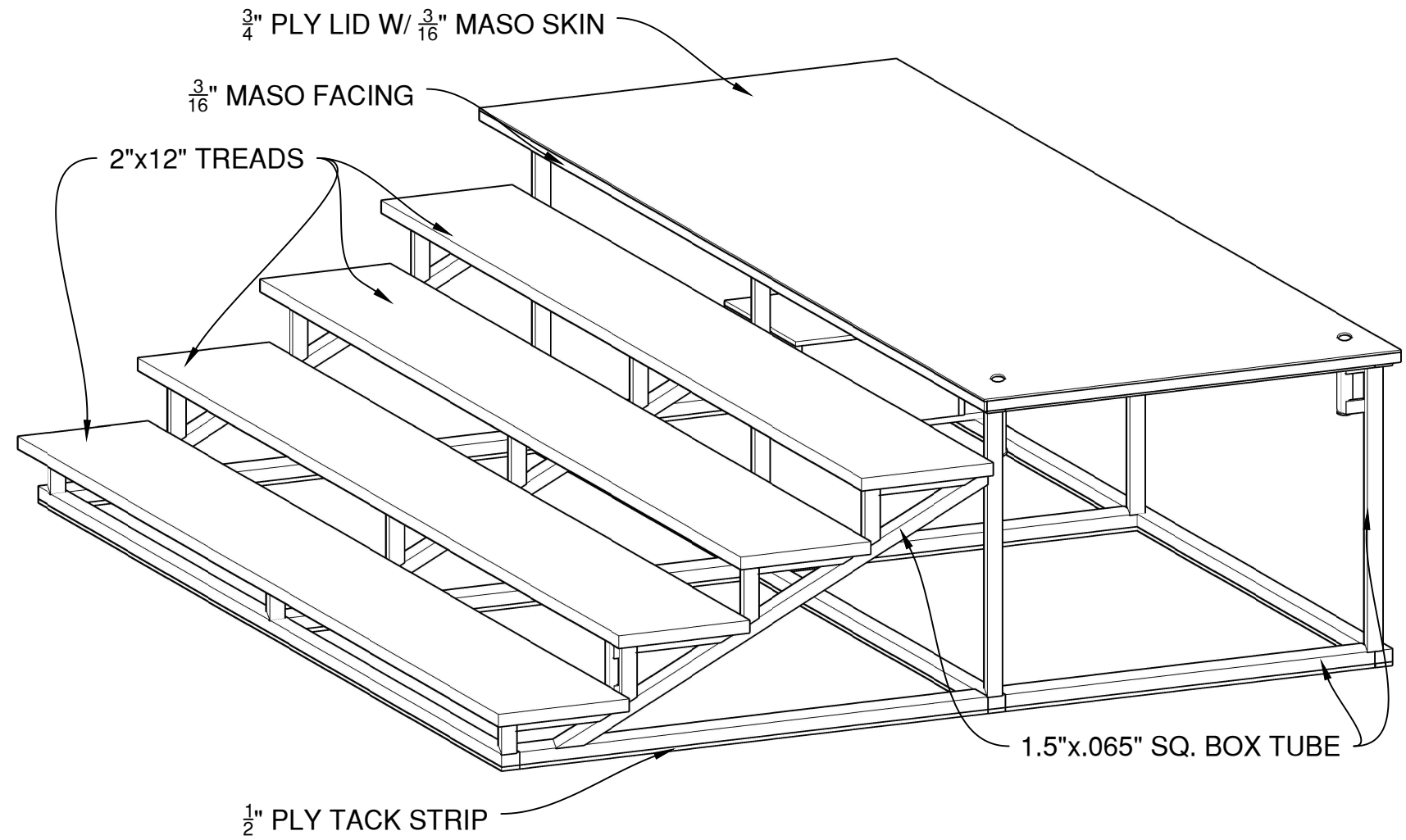
4' clearance required



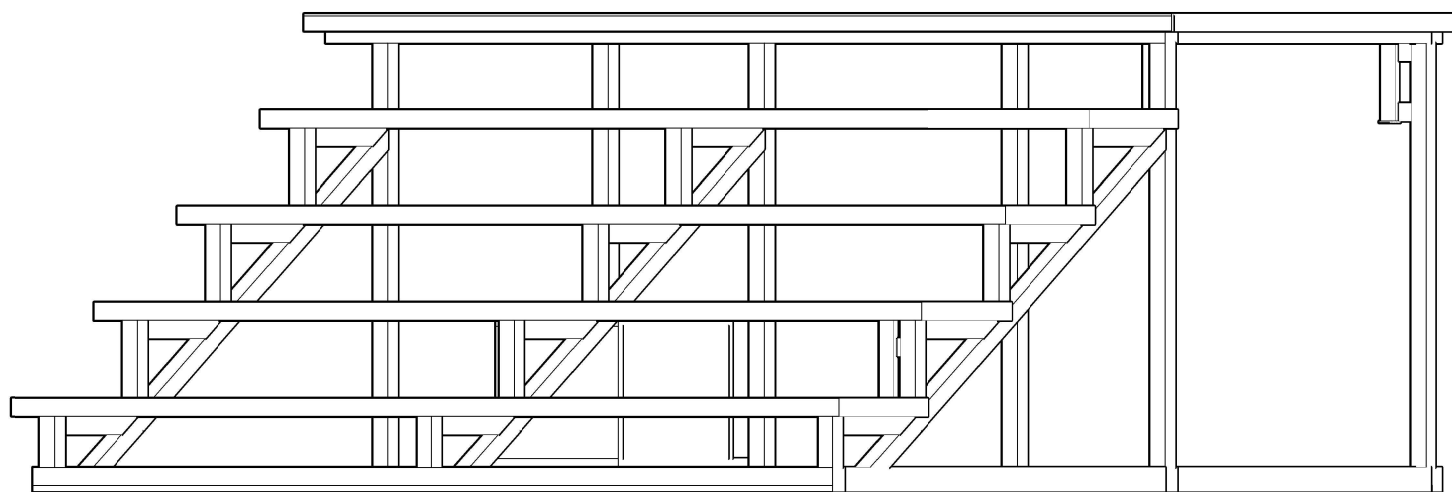
JOSEPH



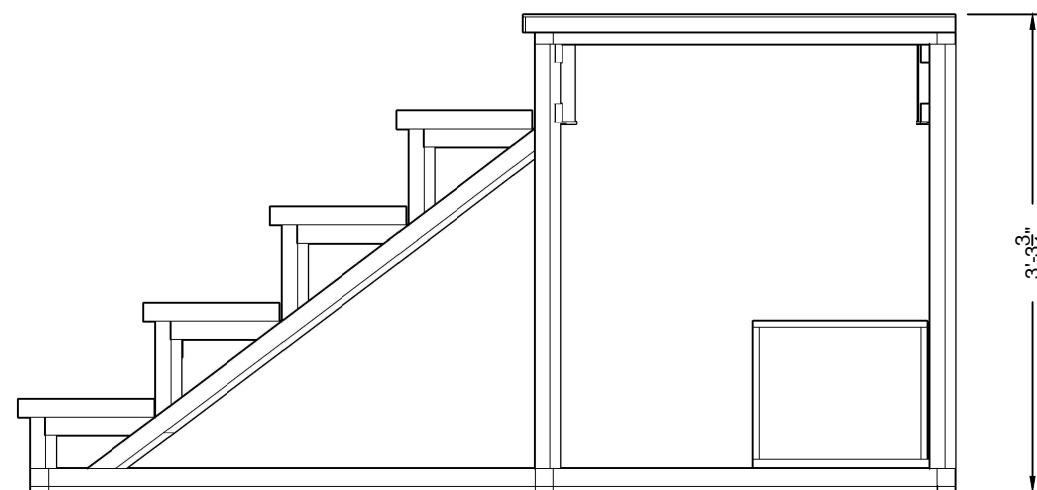
1 TOP VIEW
100 1.5"x.065 SQ TUBE CONST. 3/4" = 1'
2"x12" TREADS
3/4" PLY LID WITH MASO SKIN ON TOP PLATFORM
CARPET STAPLED TO THE BOTTOM FOR MOBILITY
BUILD 2 (R & R)



3 RIGHT FRONT ISO VIEW
100 3/4" = 1'



2 FRONT VIEW
100 3/4" = 1'



4 SIDE VIEW
100 FINISHED HEIGHT SHOULD BE 3'-4"
1/4" RESERVED FOR CARPET THICKNESS 3/4" = 1'

DS STAIRS

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	4/29/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

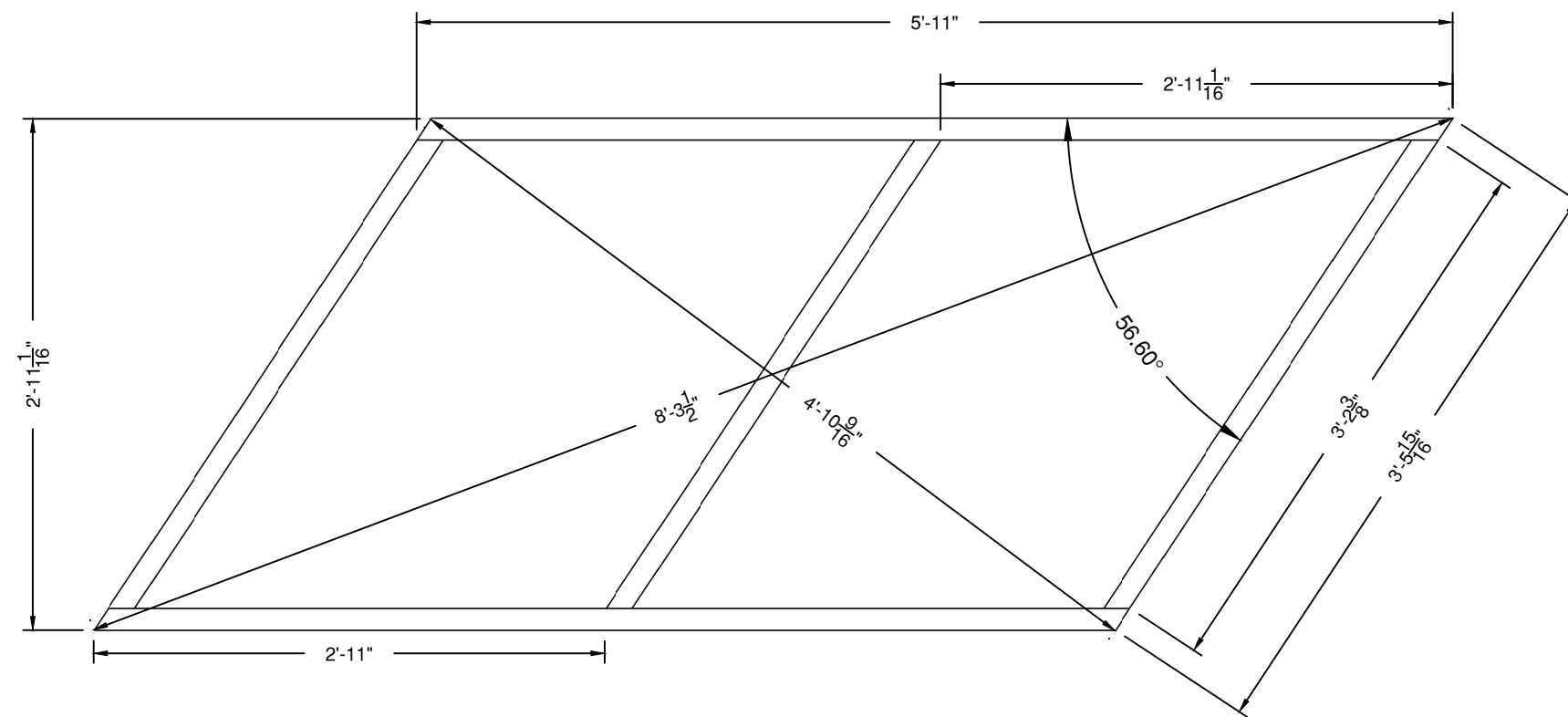
SCRAP USED

MATERIAL	QUANTITY

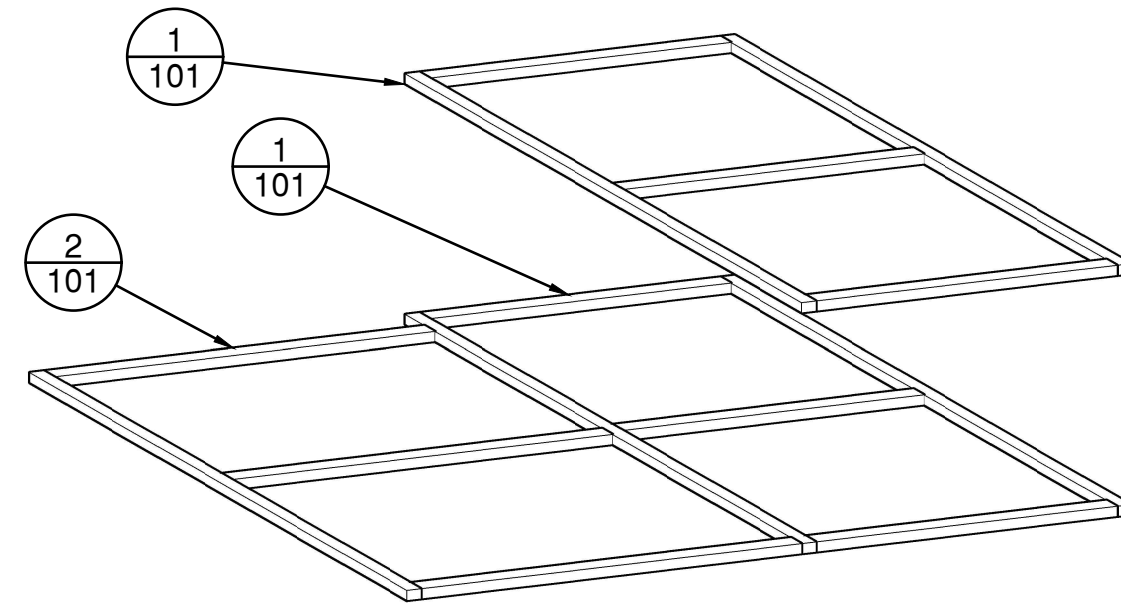
SCALE: AS NOTED

100

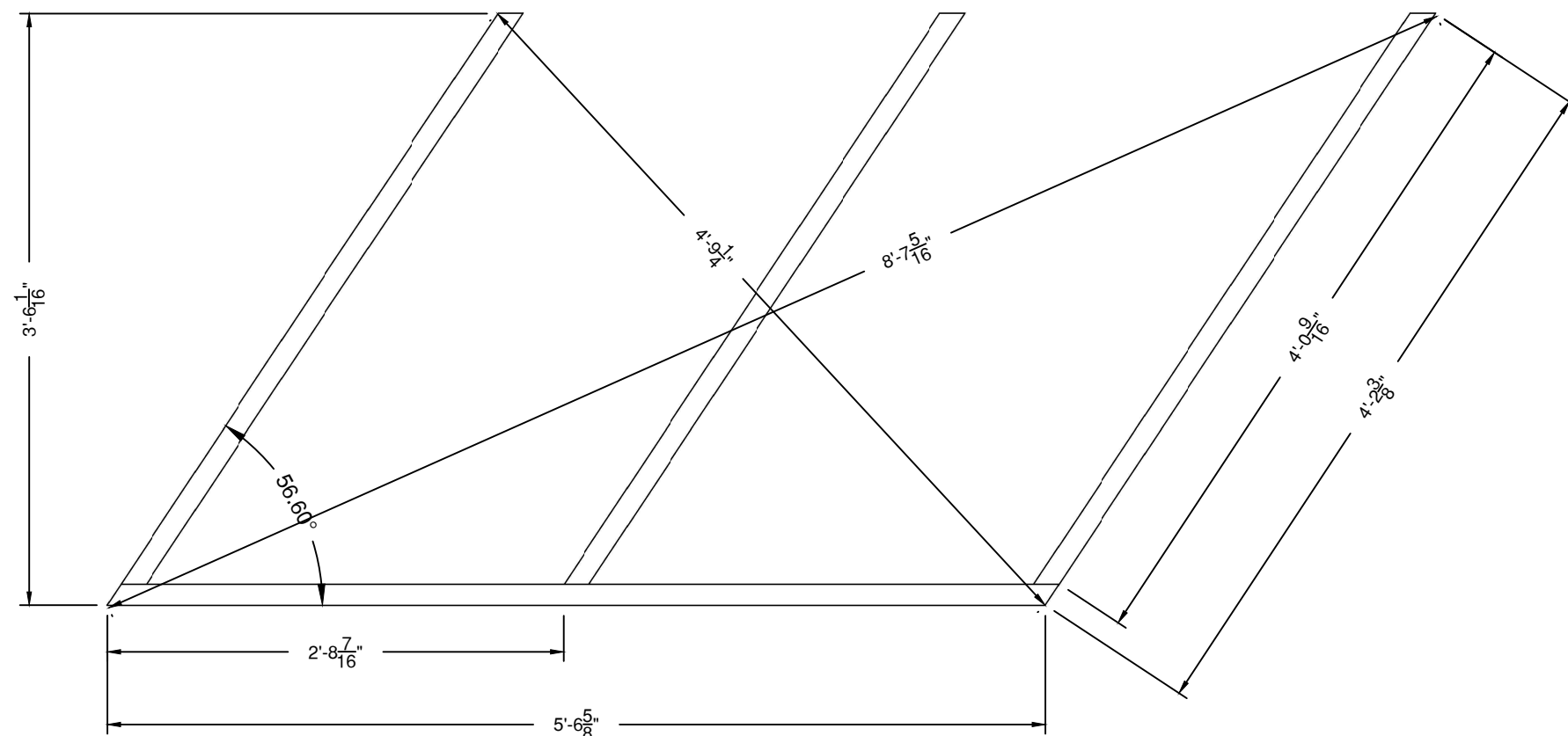
JOSEPH



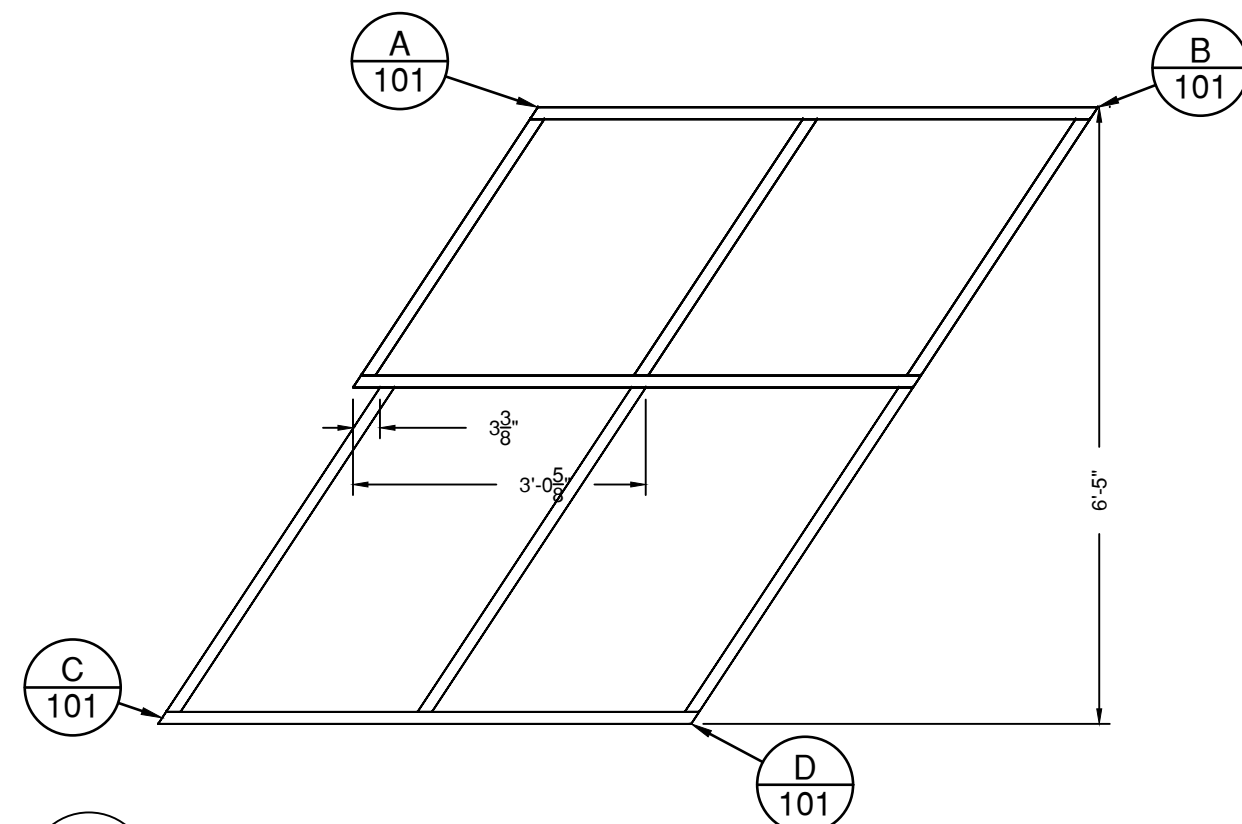
1 LANDING PLATFORM AND BASE FRAME TOP VIEW
 101 1.5"x.065 SQ TUBE CONST. 1" = 1'
 BUILD 4
 GRIND ALL FACE WELDS



3 LANDING PLATFORM AND BASE FRAME (W/O LEGS) RIGHT ISO VIEW
 101 1.5"x.065 SQ TUBE CONST. 1/2" = 1'



2 STAIR BASE TOP VIEW
 101 1.5"x.065" SQ TUBE CONST. 1" = 1'
 BUILD 2
 GRIND ALL FACE WELDS



4 BASE ASSEMBLY TOP VIEW
 101 GRIND ALL FACE WELDS 1/2" = 1'
 DIAGONAL MEASUREMENT FOR A -> D IS 6'-7-7/16"
 DIAGONAL MEASUREMENT FOR B -> C IS 11'-8-1/2"
 BUILD 2
 ADD 1/2" PLY TACK STRIPS ON THE BOTTOM OF FRAME (R & R)

DS STAIRS
 LANDING & BASE

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	4/29/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME	
DATE	HOURS (Closest 1/4 hour)

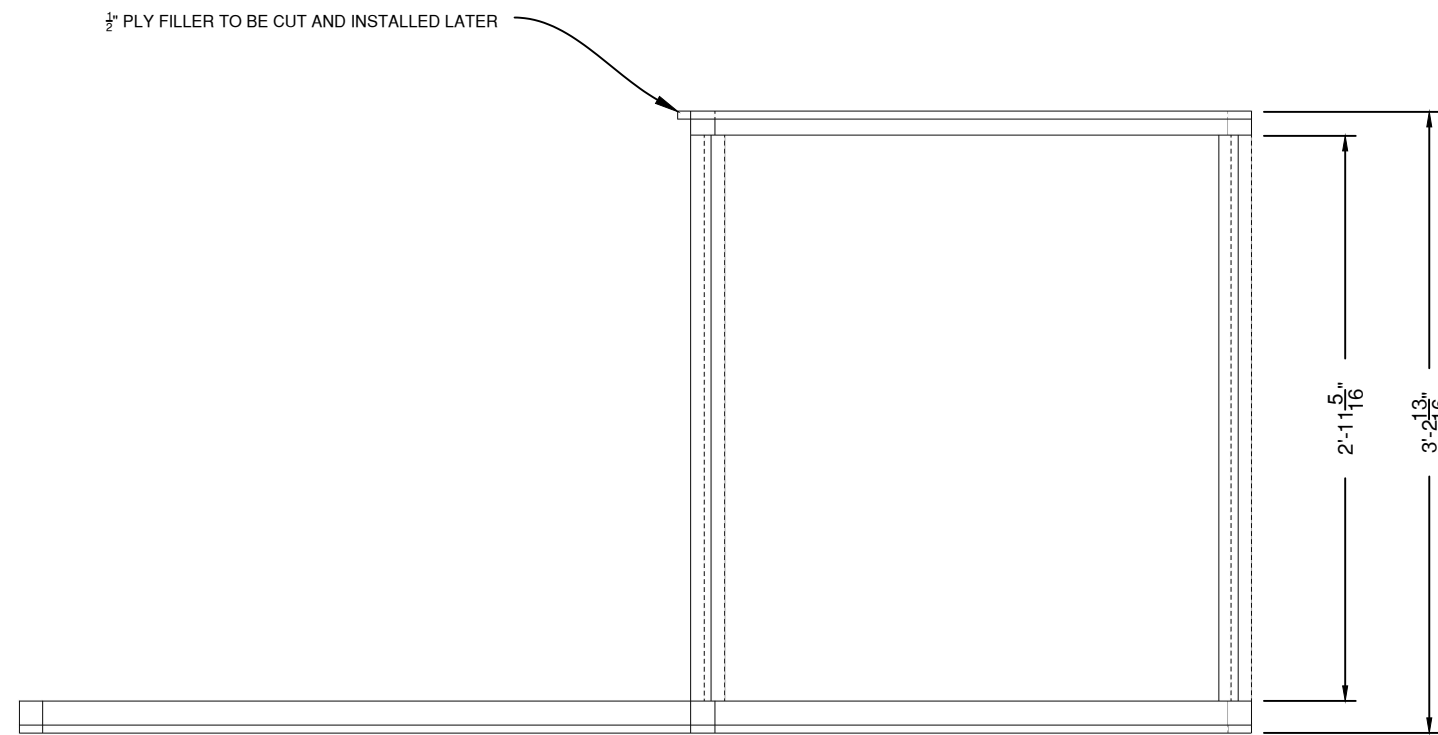
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

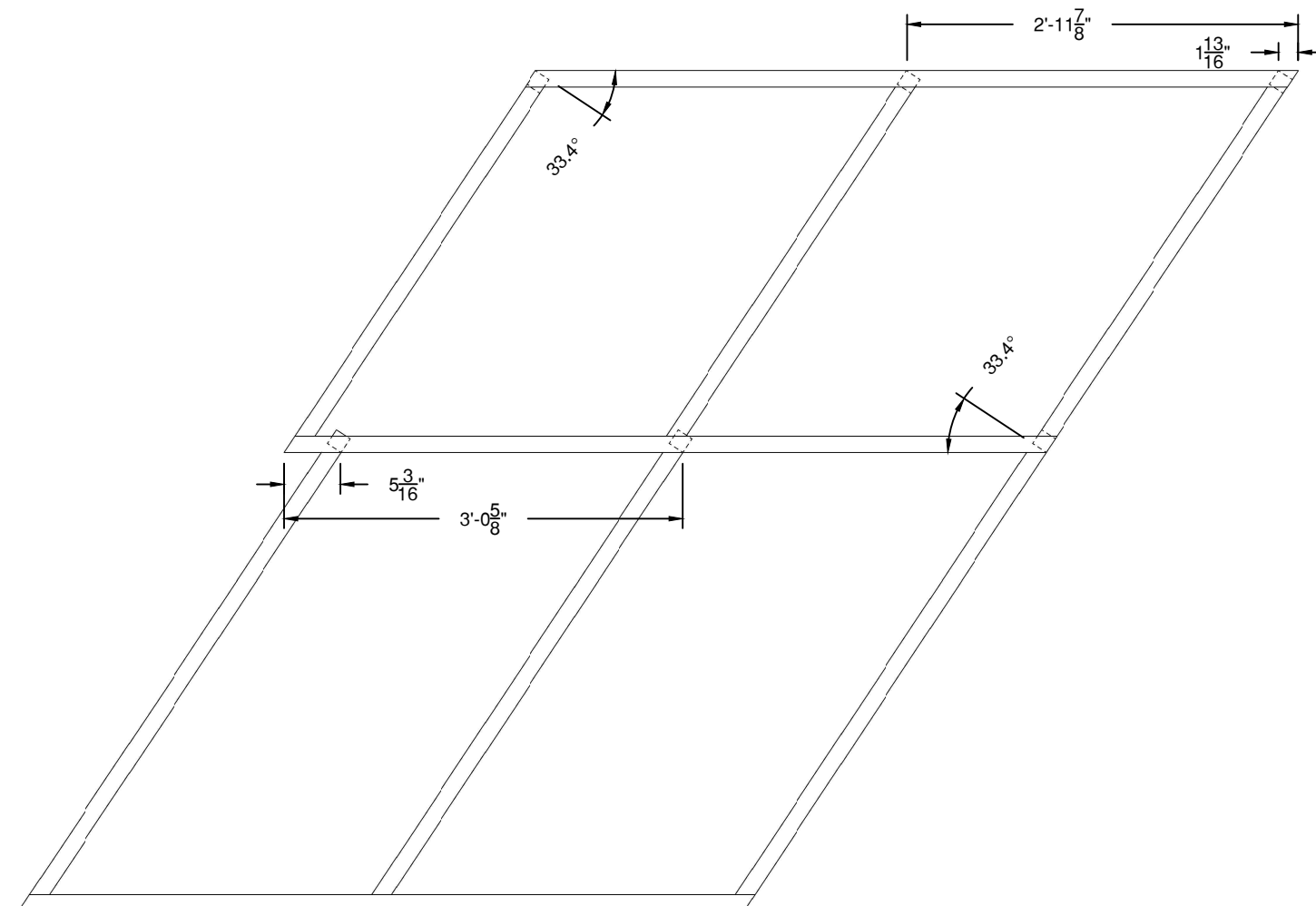
SCALE: AS NOTED

101

JOSEPH



1 LANDING PLATFORM AND BASE WITH LEGS SIDE VIEW
102 1.5"x.065 SQ TUBE CONST. 1" = 1'
 NEED 6 LEGS PER STAIR UNIT, 12 LEGS TOTAL



2 LEG PLACEMENT TOP VIEW
102 ADD LEGS TO ONE SET OF FRAMES, THEN R & R 3/4" = 1'

DS STAIRS

STAIR LEGS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	4/30/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

102

JOSEPH

DS STAIRS

STRINGERS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	4/30/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/4 hour)

MATERIALS USED

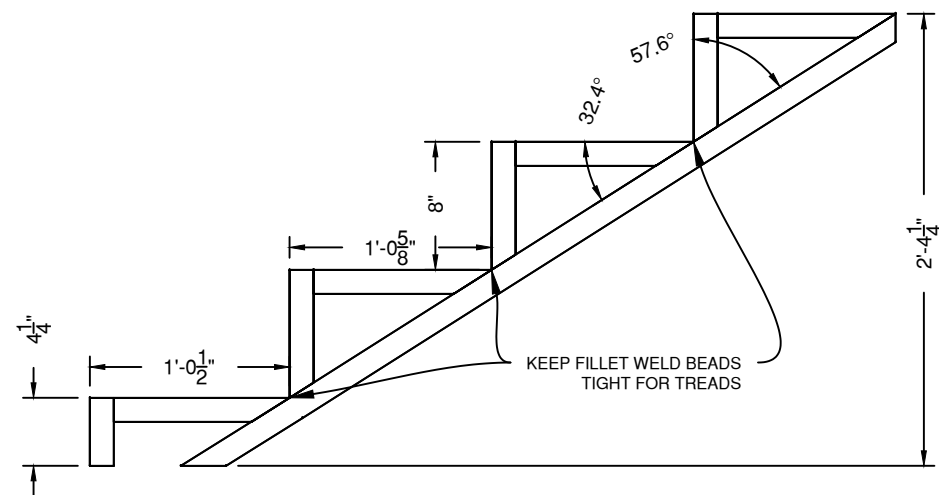
MATERIAL	QUANTITY

SCRAP USED

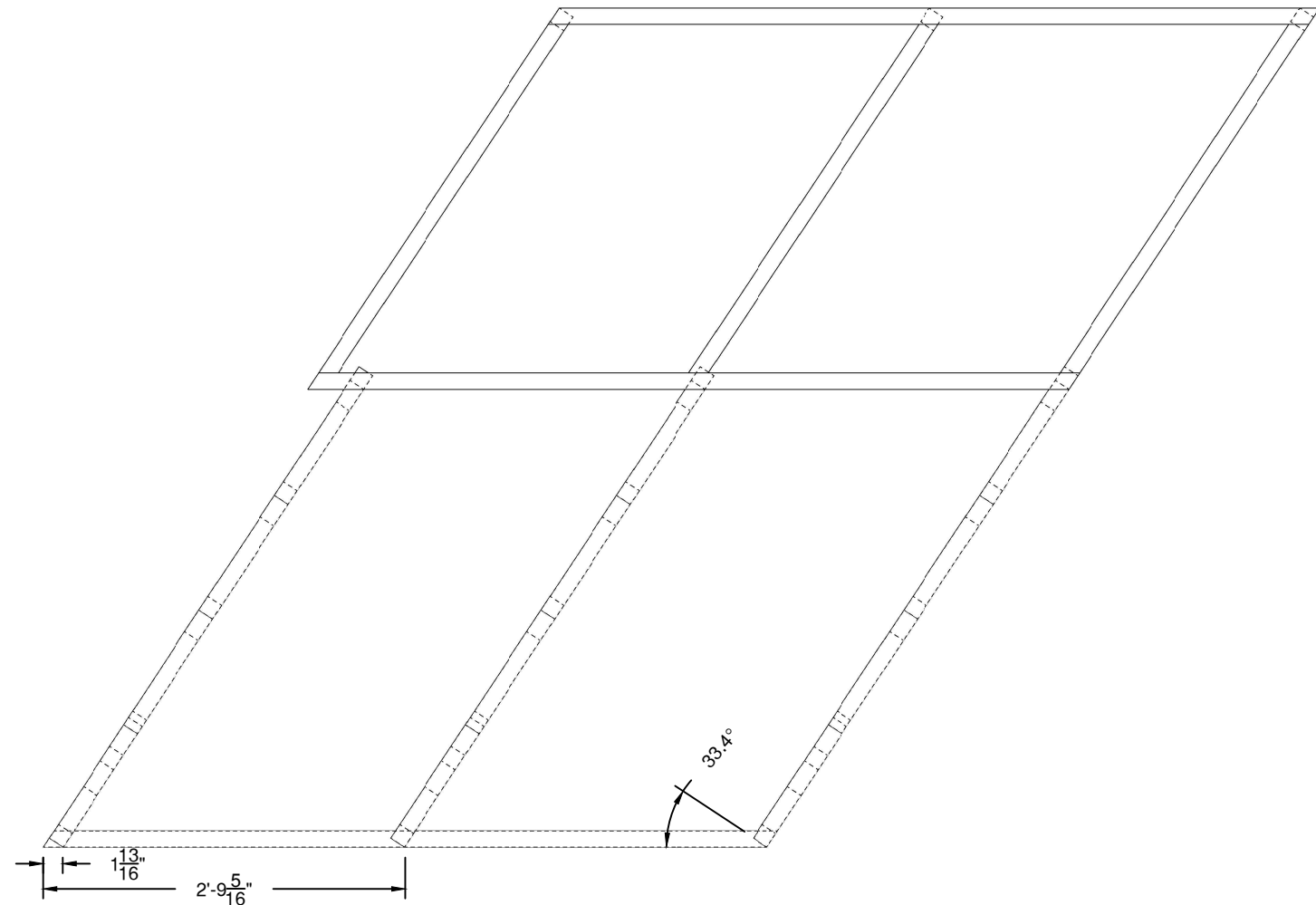
MATERIAL	QUANTITY

SCALE: AS NOTED

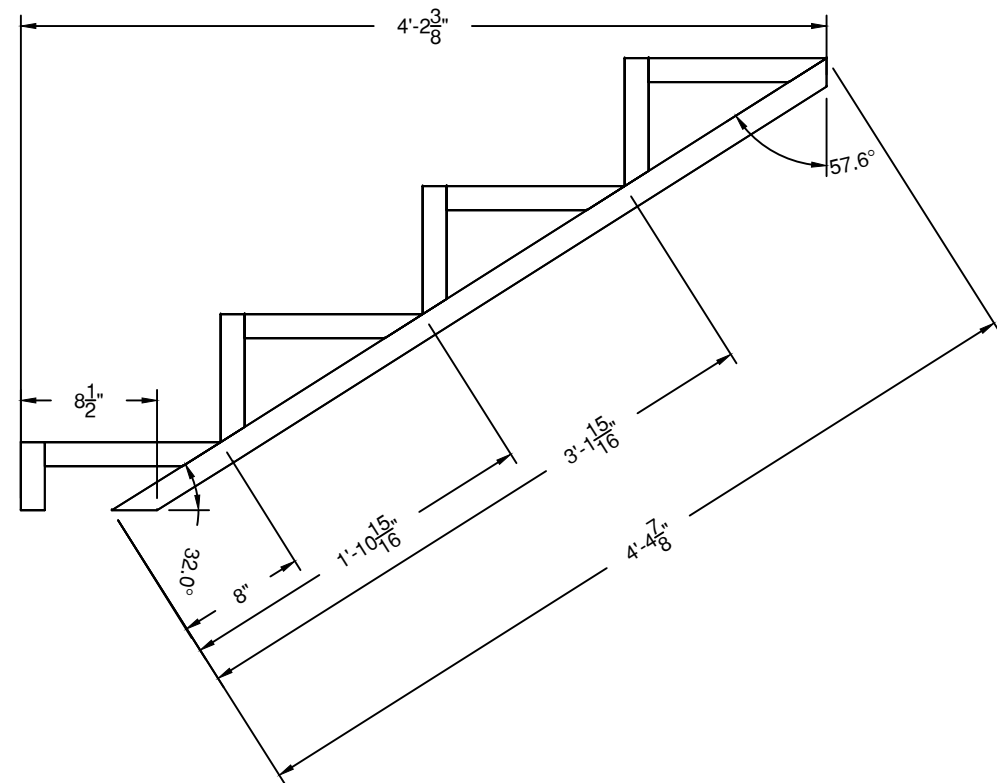
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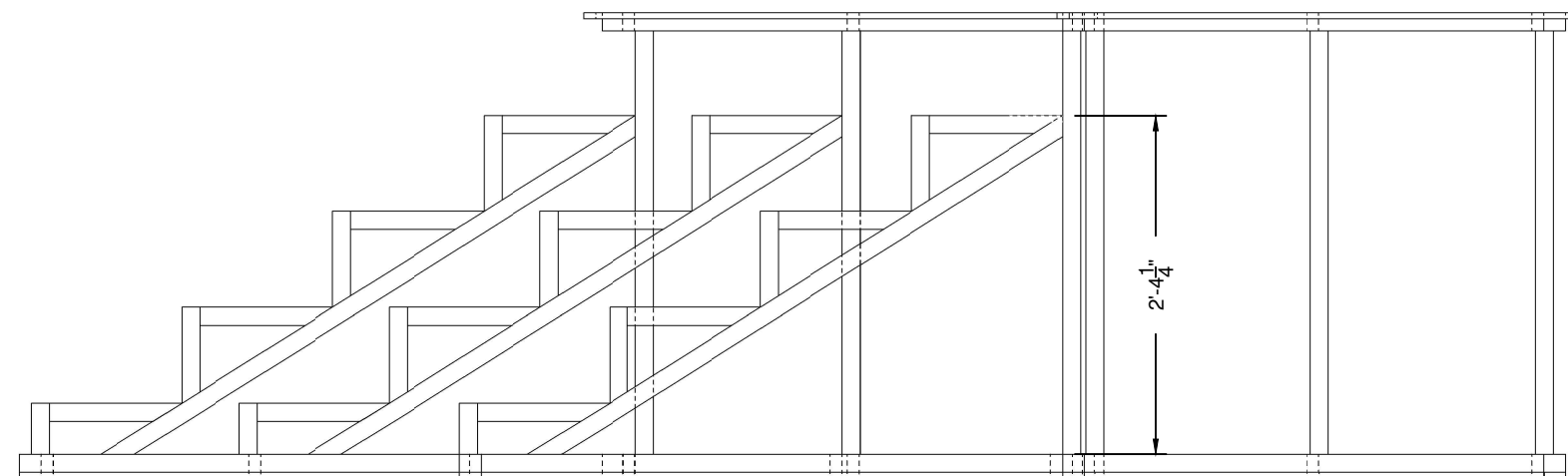
1 STINGERS SIDE VIEW
103 1.5"x.065 SQ TUBE CONST.
BUILD 6
WELD ALL FILLET WELDS
1" = 1'



3 STRINGER PLACEMENT TOP VIEW
103 1.5"x.065 SQ TUBE CONST.
FILLET WELD 2 SIDES
REVERSE AND REPEAT FOR SECOND STAIR UNIT
3/4" = 1'

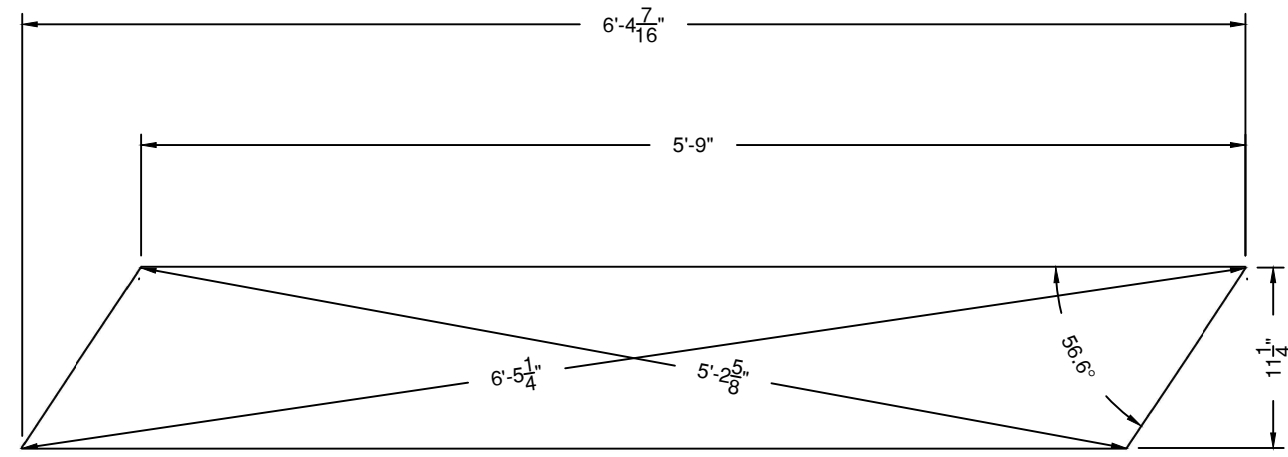


2 STINGERS (CONT.) SIDE VIEW
103 1.5"x.065 SQ TUBE CONST.
1" = 1'

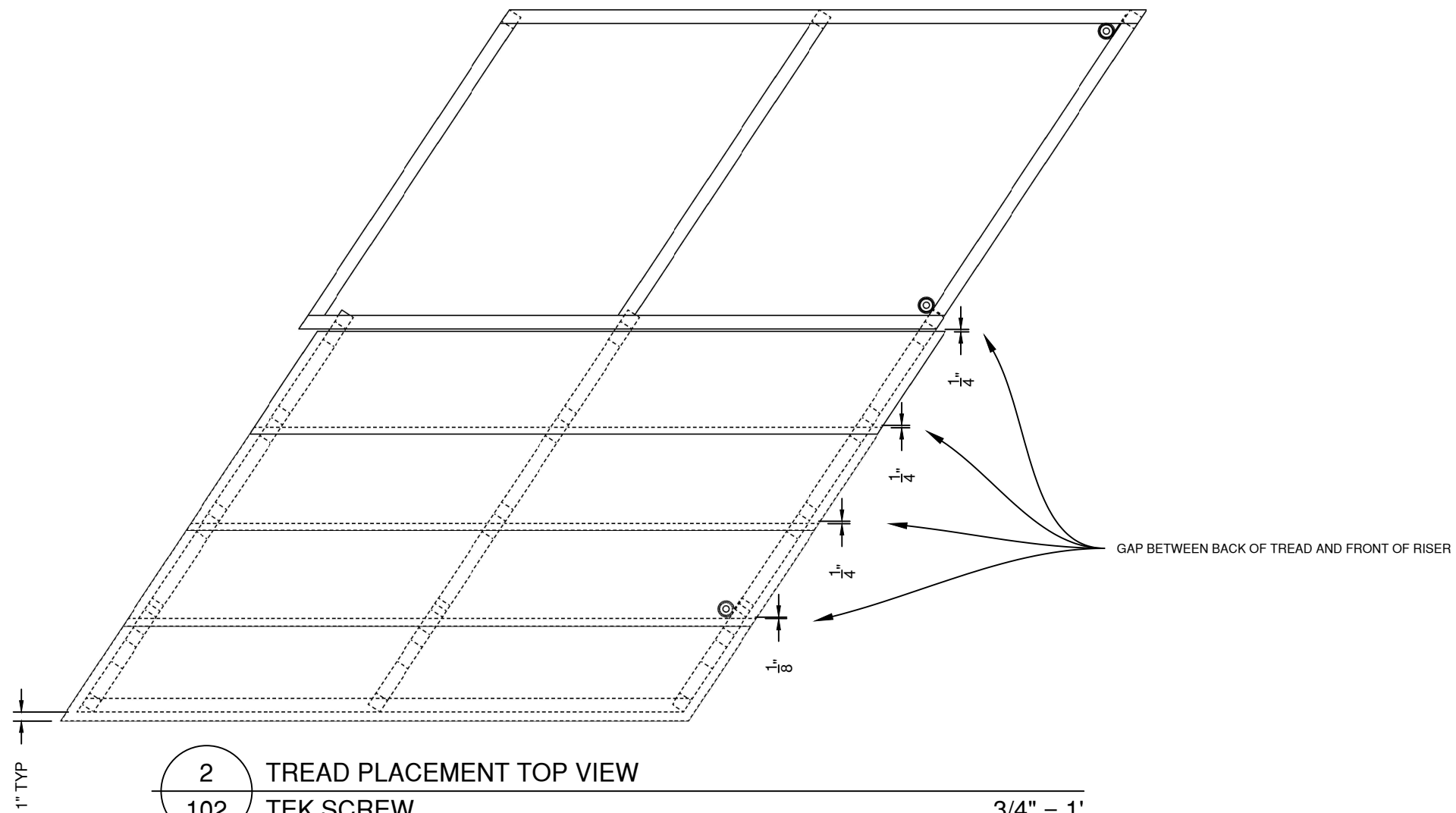


4 STINGER PLACEMENT (CONT.) SIDE VIEW
103 1.5"x.065 SQ TUBE CONST.
FILLET WELD 2 SIDES
3/4" = 1'

JOSEPH



1 STAIR TREADS TOP VIEW
104 2"x12" CONST. 1" = 1'
NEED 4 TREADS PER UNIT, 8 TOTAL



2 TREAD PLACEMENT TOP VIEW
102 TEK SCREW 3/4" = 1'
1" OVERHANG ON ALL SIDES
REVERSE AND REPEAT FOR SECOND STAIR UNIT

DS STAIRS
STAIR TREADS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	4/30/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

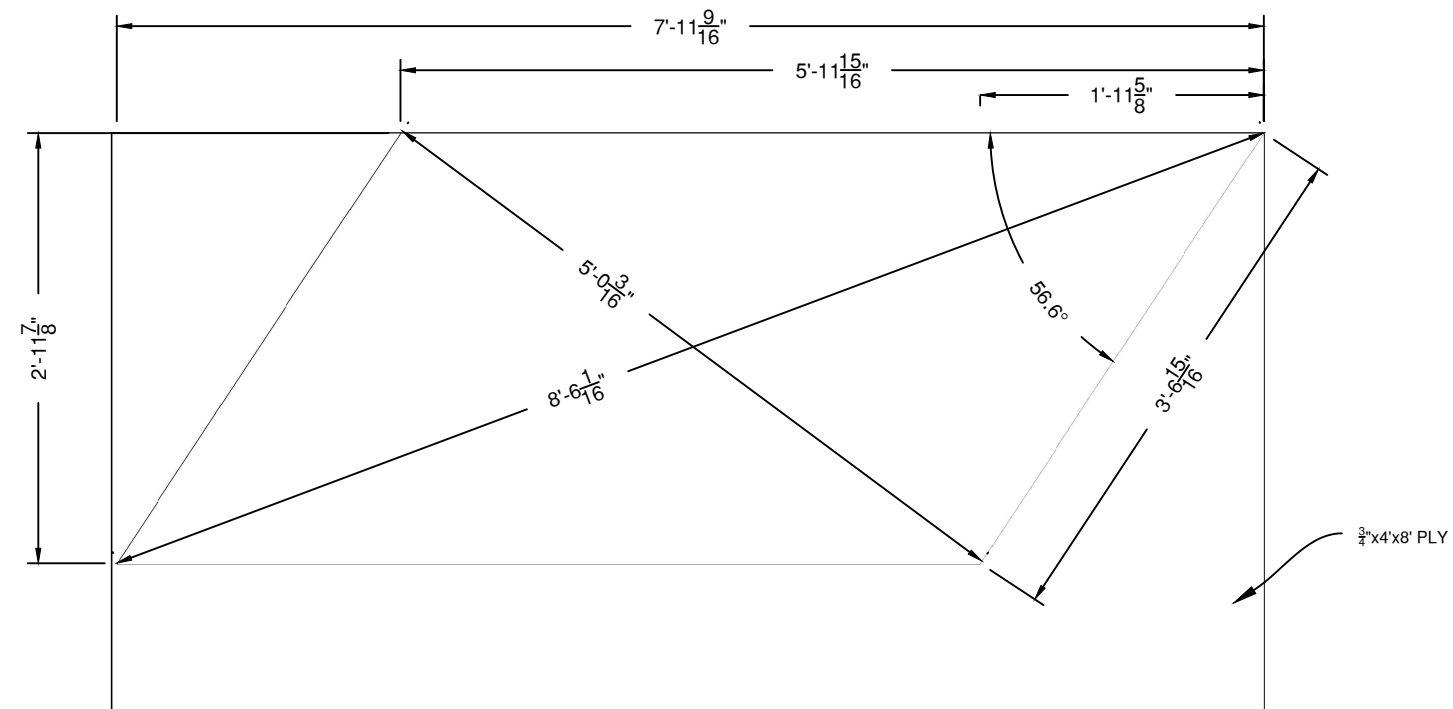
SCRAP USED

MATERIAL	QUANTITY

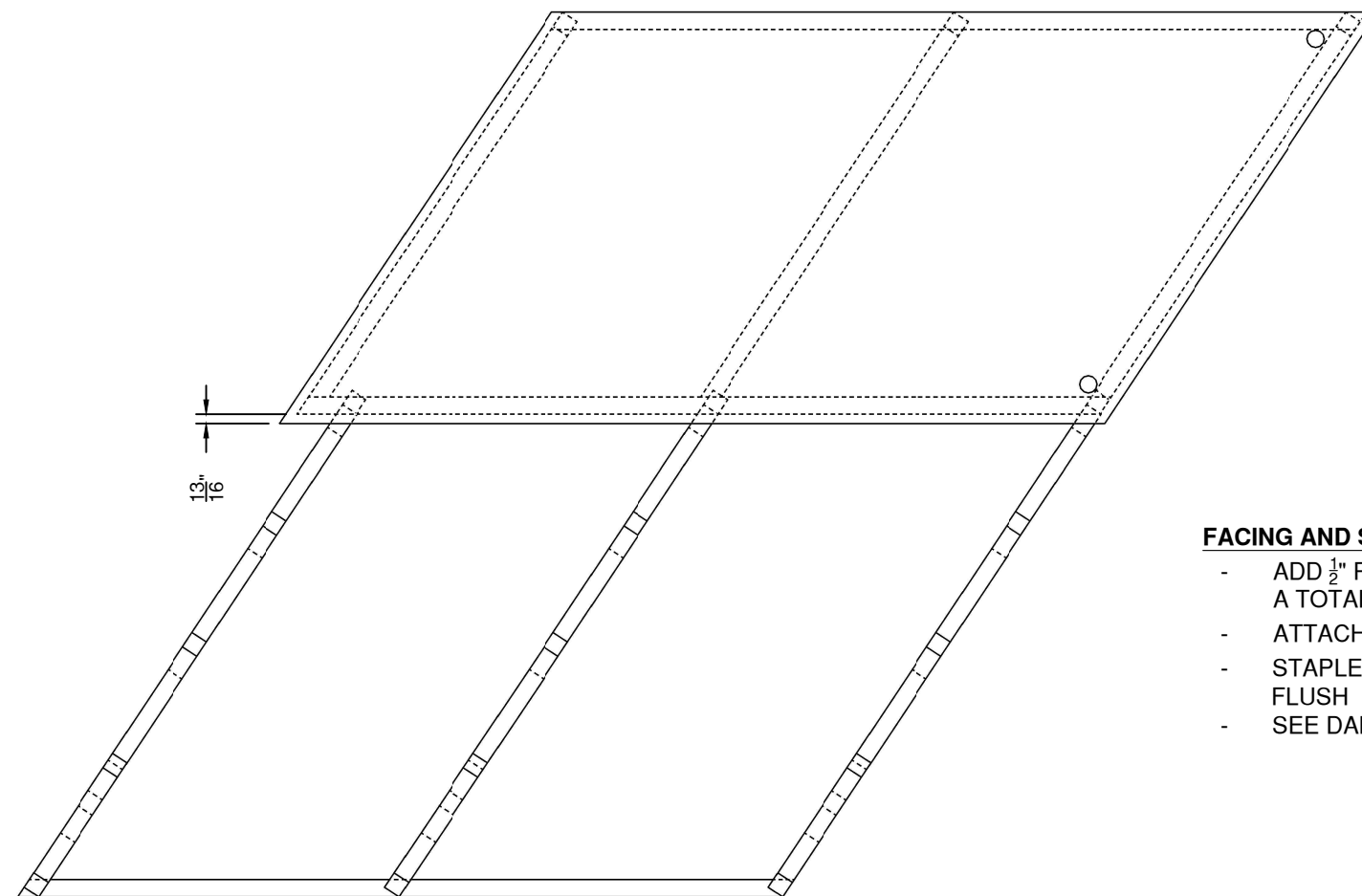
SCALE: AS NOTED

104

JOSEPH



1 PLATFORM LID TOP VIEW
105 3/4" CDX PLY CONST. 3/4" = 1'
CUT 2



2 PLATFORM LID PLACEMENT TOP VIEW
105 13/16" OVERHANG ON THREE SIDES, FLUSH TO THE BACK 3/4" = 1'
REVERSE AND REPEAT FOR THE SECOND UNIT
TEK SCREW TO FRAME

FACING AND SKINNING NOTES

- ADD 1/2" PLY STRIPS TO UNDERSIDE OF PLY LIP TO CREATE A TOTAL THICKNESS OF 1-1/4"
- ATTACH 3/16" MASO RIPPED TO 1-1/4" FOR FACING
- STAPLE 3/16" MASO SKIN TO THE TOP OF 3/4" PLY LID, ROUTE FLUSH
- SEE DANIEL FOR ADDITIONAL QUESTIONS

DS STAIRS

PLATFORM LID

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	4/30/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

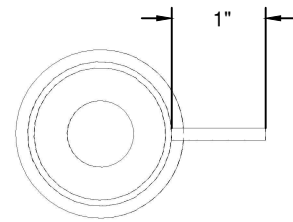
MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

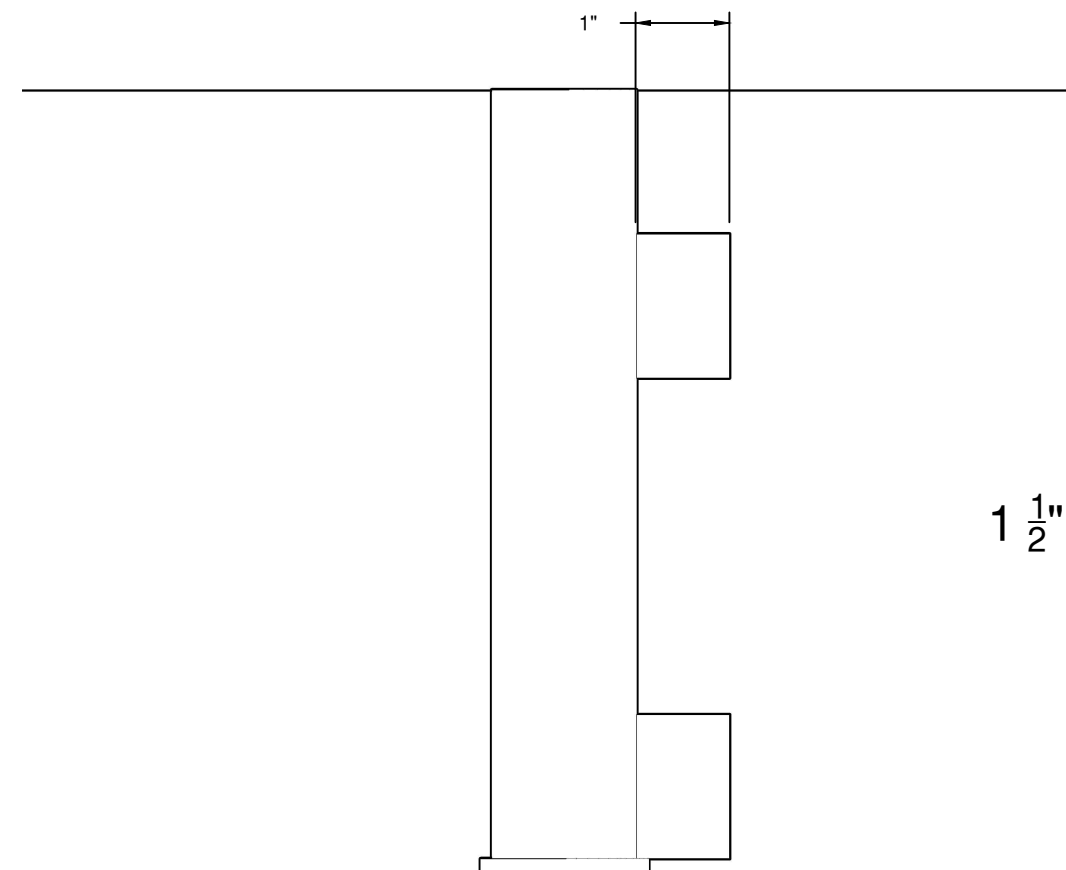
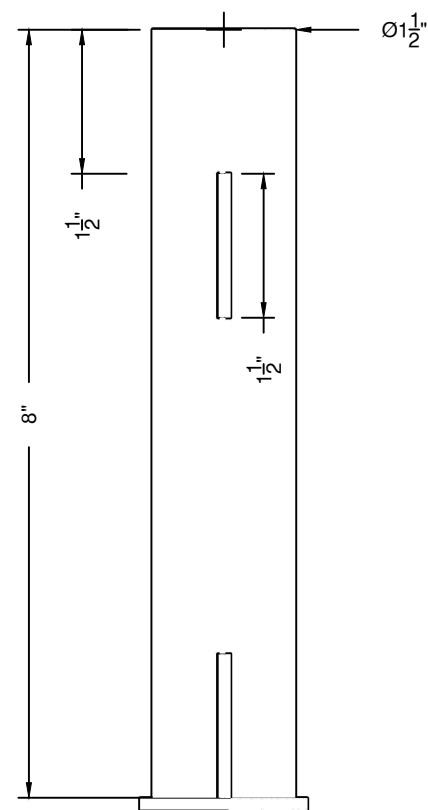
105



NOTES

- DRILL $\frac{3}{16}$ " HOLE IN THE CENTER OF THE 1" x 1 1/2" TABS
- ONCE WELDED GRIND THE $\frac{5}{8}$ " WASHER FLUSH TO THE MECHANICAL TUBE
- BUILD 2

1 TOP VIEW
106 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER TABS ON THE MECHANICAL TUBE
CENTER MECHANICAL TUBE ON WASHER

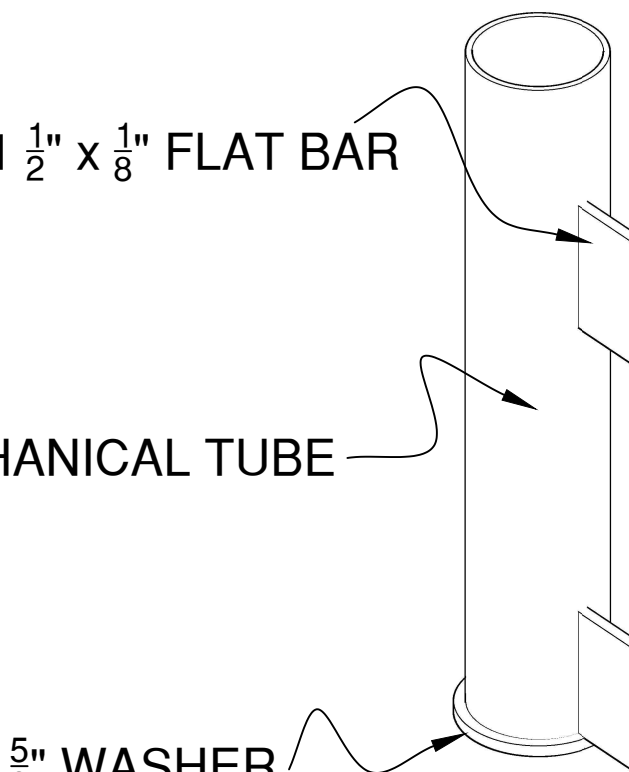


3 FRONT VIEW
106 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'

1 1/2" x 1/8" FLAT BAR

1 1/2" MECHANICAL TUBE

5/8" WASHER



4 LEFT ISO VIEW
106 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'

2 SIDE VIEW
106 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER TABS ON THE MECHANICAL TUBE
CENTER MECHANICAL TUBE ON WASHER

DS STAIRS

PIPE SLEEVES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	05/09/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

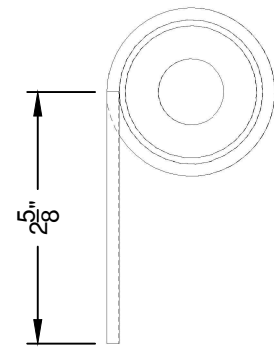
MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

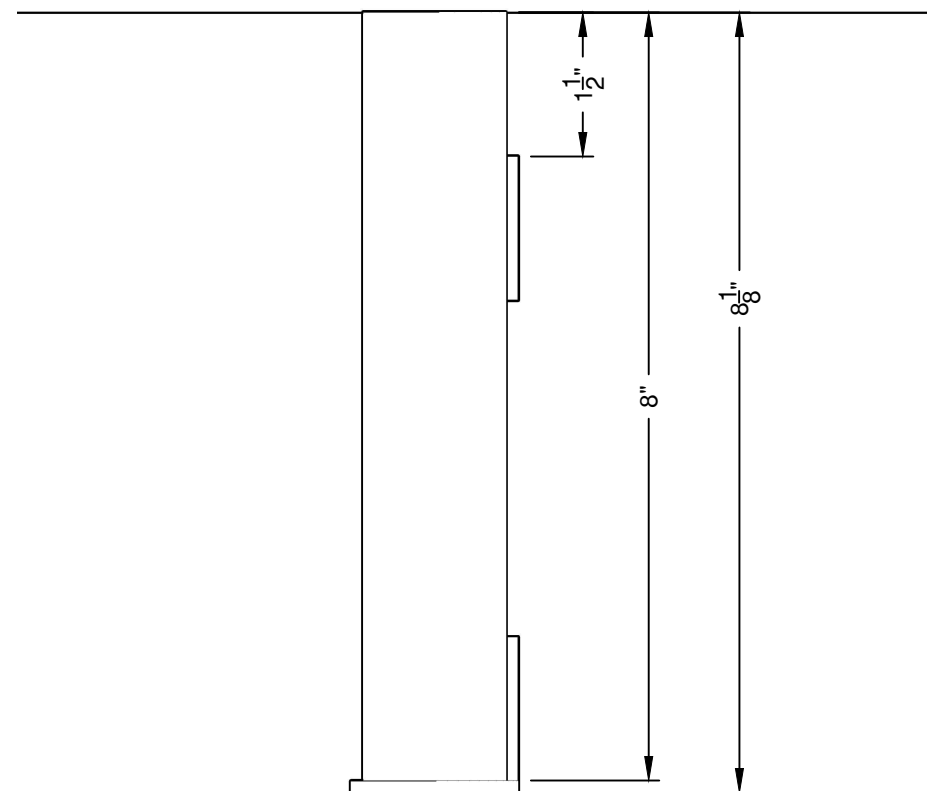
SCALE: AS NOTED



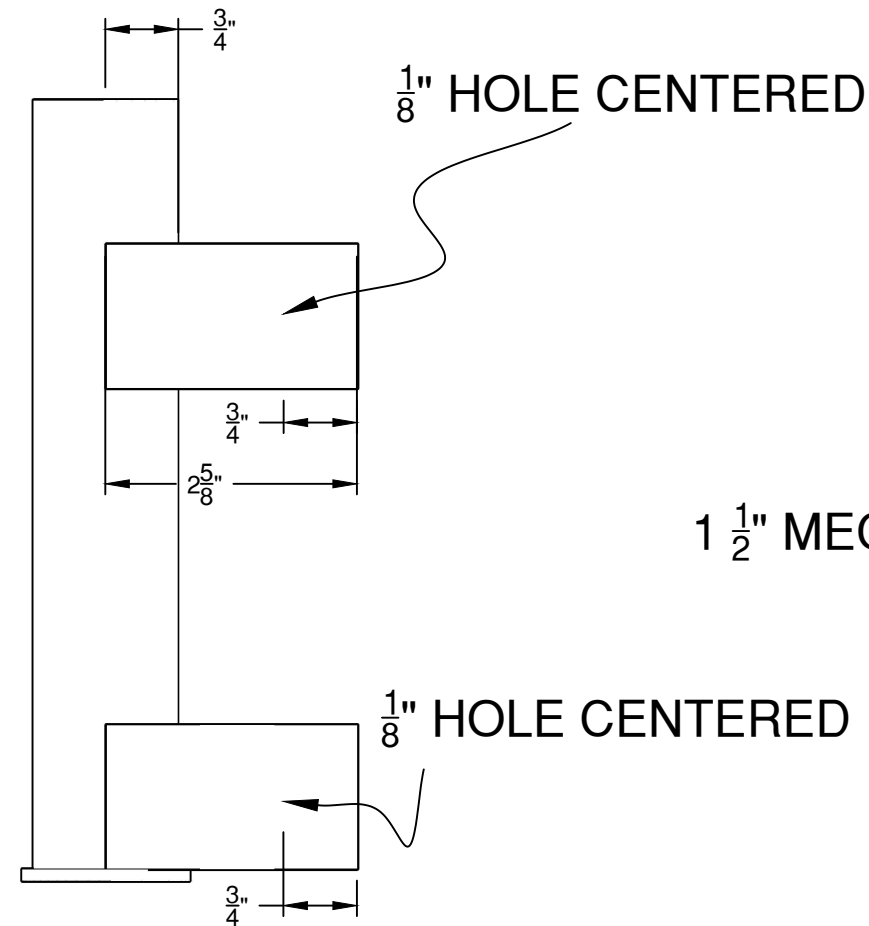
NOTES

- DRILL $\frac{1}{8}$ " HOLE (CENTERED) $\frac{3}{4}$ " FROM THE EDGE OF $1\frac{1}{2}$ " x $\frac{1}{8}$ " TABS
- ONCE WELDED GRIND THE $\frac{5}{8}$ " WASHER FLUSH TO THE MECHANICAL TUBE
- BUILD 2 (REVERSE AND REPEAT THE SECOND ONE)

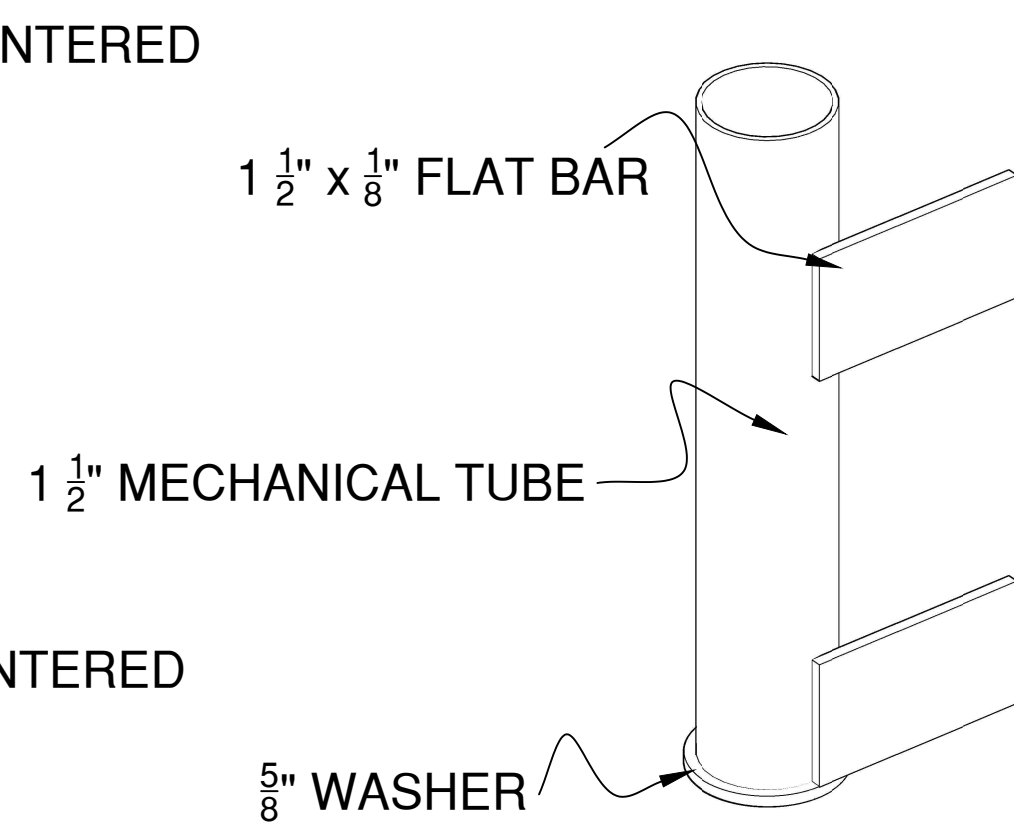
1 TOP VIEW
106 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER TABS ON THE MECHANICAL TUBE
CENTER MECHANICAL TUBE ON WASHER



2 FRONT VIEW
106 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER MECHANICAL TUBE ON WASHER



3 FRONT VIEW
106 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER TABS ON MECHANICAL TUBE



4 LEFT ISO VIEW
106 6" = 1'

DS STAIRS

PIPE SLEEVES

DESIGNER:	BRAD CARROL
TECH:	JASON LAJKA
DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	05/09/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/4 hour)

MATERIALS USED

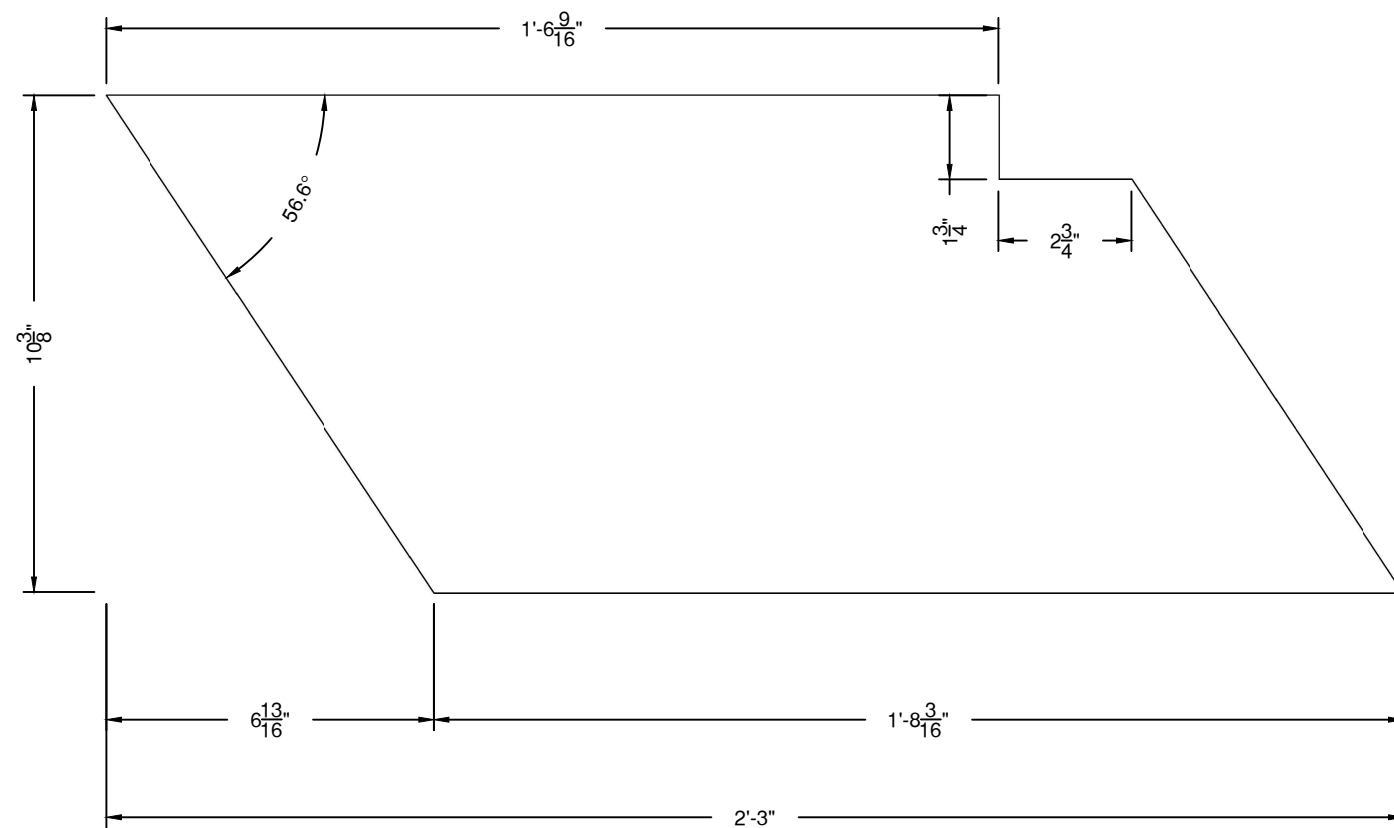
MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

JOSEPH



1 TOP VIEW: BATTERY BOX PLATE
108 3/4" PLY SCRAP
DOESN'T HAVE TO BE PRECISE
BUILD 2 (2ND IS R&R)

3" = 1'-0"

DS STAIRS

BATTERY PLATES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DRAWN BY:	TKF
DATE:	05/21/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

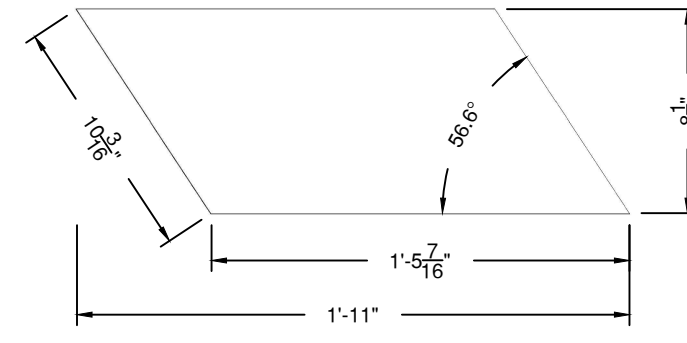
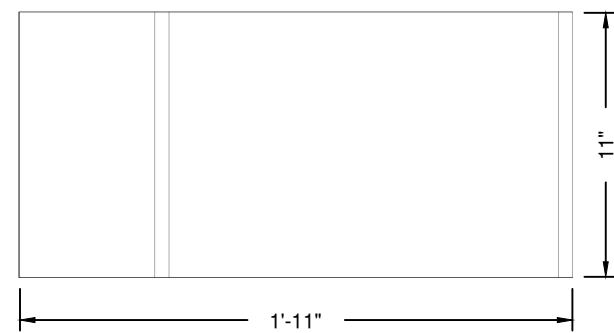
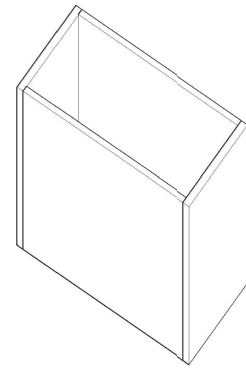
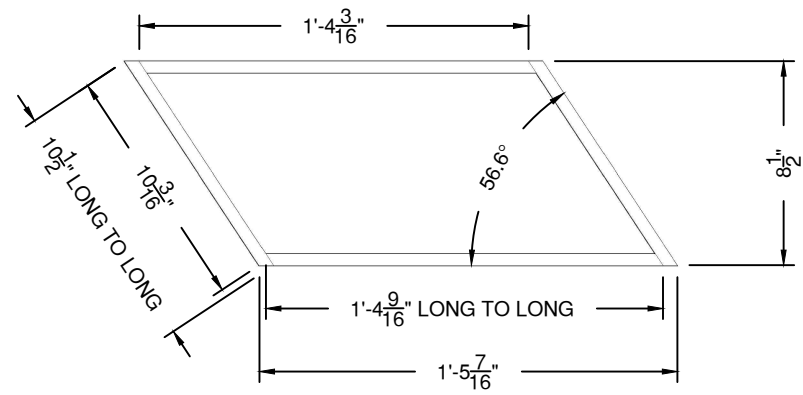
SCRAP USED

MATERIAL	QUANTITY

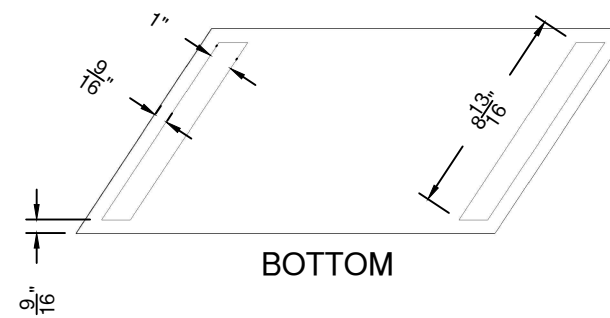
SCALE: 3"=1'-0"

108

JOSEPH



TOP



BOTTOM

- 1 ORTHOGRAPHIC: BATTERY BOX
109 1/2" PLY SCRAP (SANDE OR CDX) 1-1/2" = 1'-0"
GLUE AND NC STAPLE
BUILD 2 (2ND IS R&R)
ITS JUST A BATTERY BOX, DOESN'T HAVE TO BE SUPER ACCURATE

- 2 TOP & BOTTOM VIEWS: BATTERY BOX LID
109 1/2" PLY SCRAP (SANDE OR CDX) 1-1/2" = 1'-0"
GLUE AND NC STAPLE
BUILD 2 (2ND IS R&R)
STRIPS ON BOTTOM ARE INSET TO CENTER LID ON BOX OPENING

DS STAIRS

BATTERY BOX

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	TKF
DATE:	05/30/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/4 hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

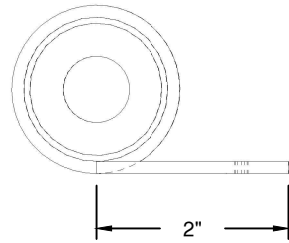
MATERIAL	QUANTITY

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

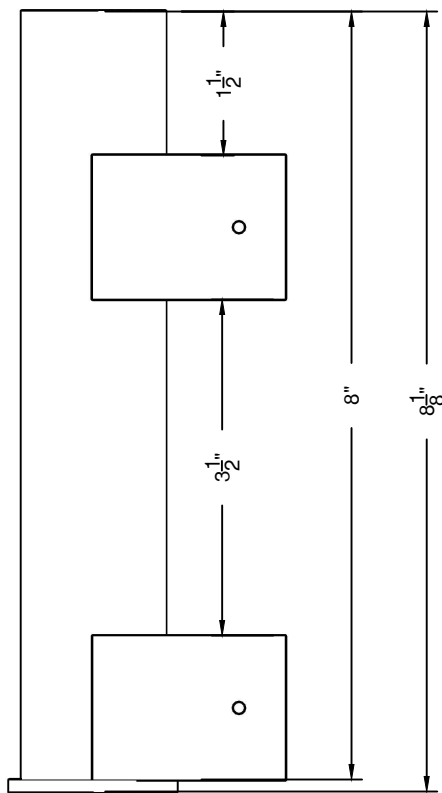
109

NOTES

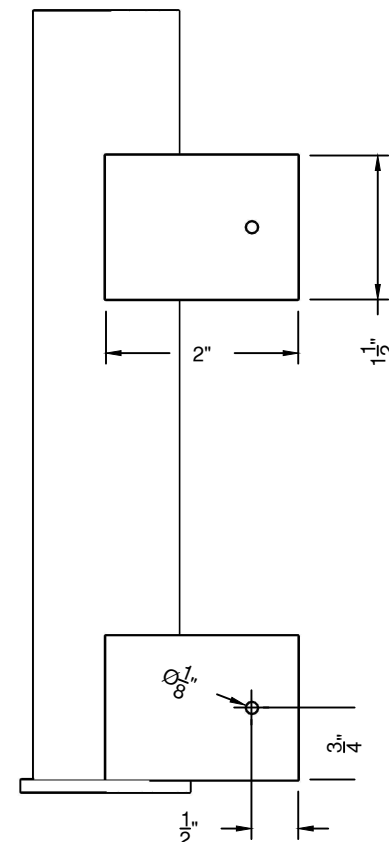
- BUILD 2 (REVERSE AND REPEAT THE SECOND ONE)
- ONCE WELDED GRIND THE $\frac{5}{8}$ " WASHER FLUSH TO THE MECHANICAL TUBE



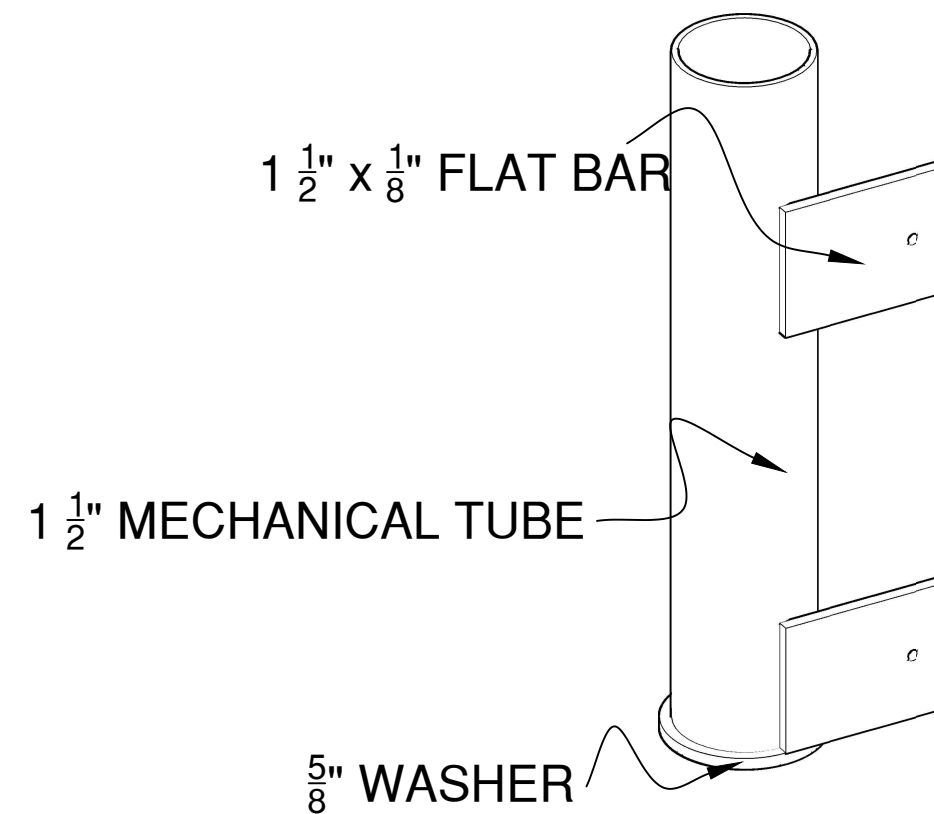
1 TOP VIEW
110 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER TABS ON THE MECHANICAL TUBE
CENTER MECHANICAL TUBE ON WASHER



2 FRONT VIEW
110 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER MECHANICAL TUBE ON WASHER



3 FRONT VIEW: TAB DIMS AND HOLE PLACEMENT
110 MATERIALS NOTED IN THE ISO DRAWING 6" = 1'
CENTER TABS ON MECHANICAL TUBE



4 LEFT ISO VIEW
110 6" = 1'

DS STAIRS

PIPE SLEEVES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	06/07/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/4 hour)

MATERIALS USED

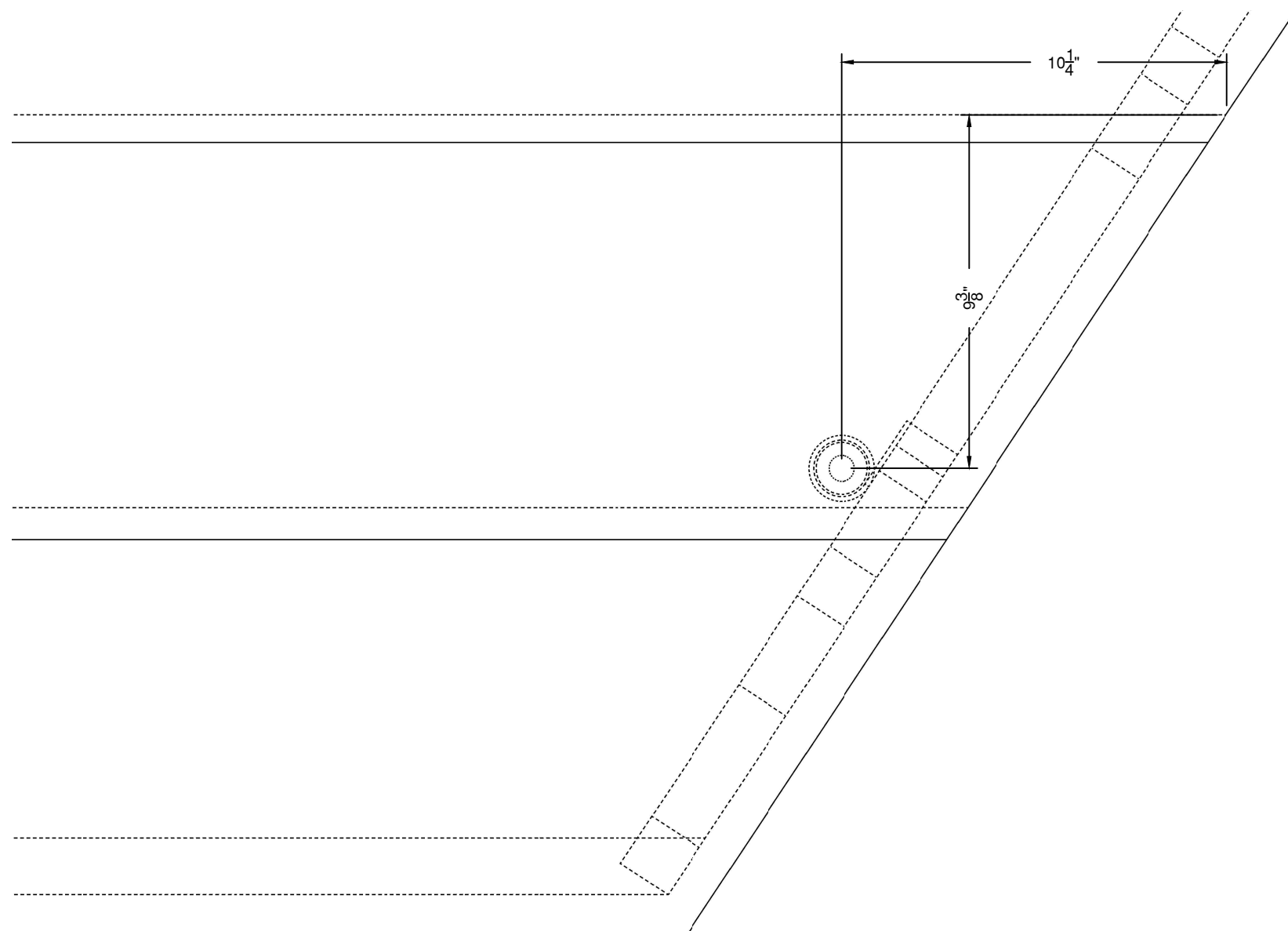
MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

JOSEPH



- 1 TOP VIEW: POINTS FROM TREAD
- 111 USE 1-5/8" HOLE SAW 3/4" = 1'
- REVERSE AND REPEAT FOR THE SECOND UNIT
- TEK SCREW TO FRAME
- SEE CHYNNA FOR QUESTIONS
- TABS ARE FLUSH TO STEEL, TOP IS AGAINST TREAD

DS STAIRS

FAN SLEEVES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DRAWN BY:	MDB
DATE:	6/10/2019
INVENTORY CODE:	JO - DSS
FILE:	JO- 100- DS STAIRS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

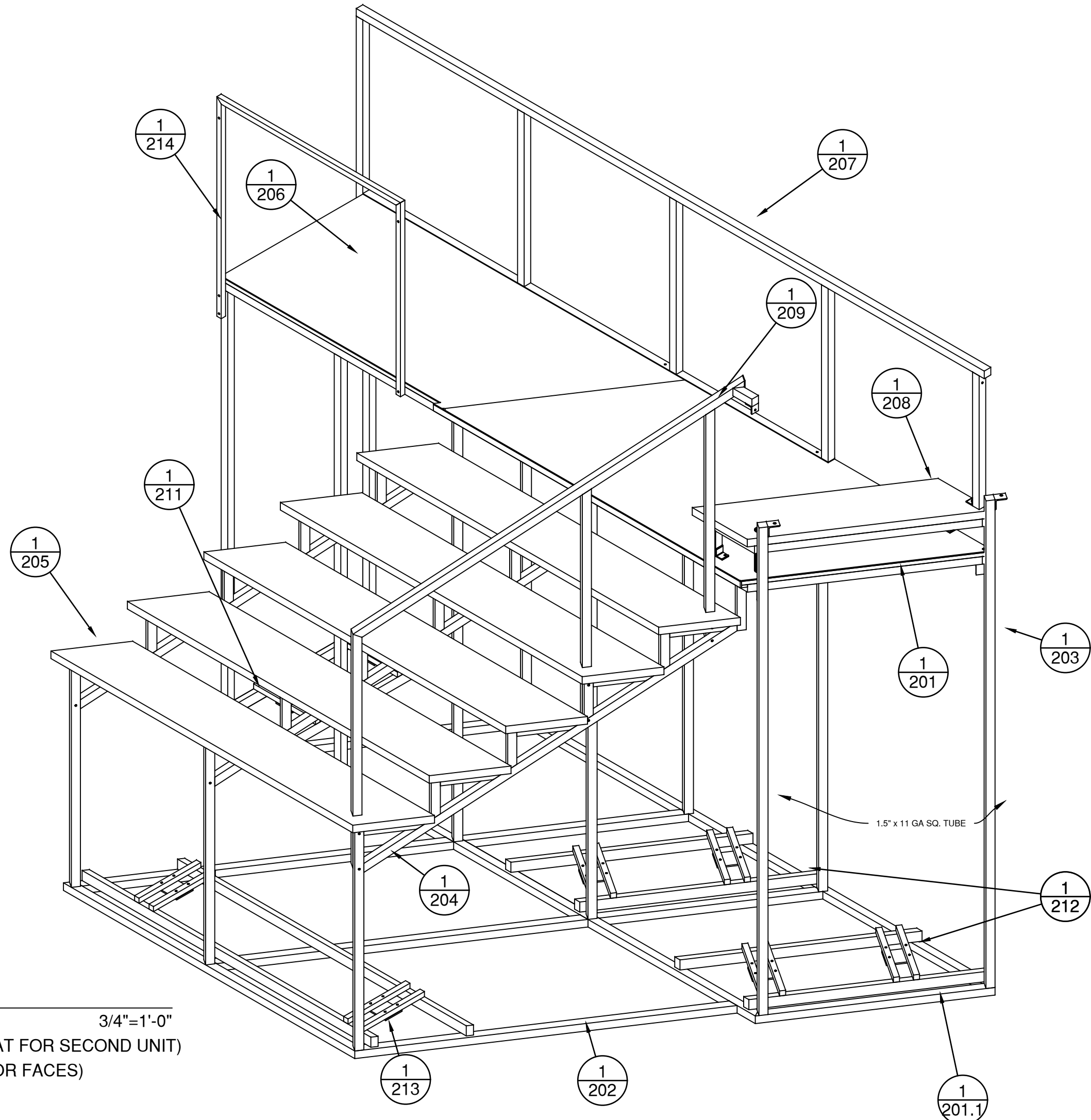
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

111

JOSEPH



1 RIGHT ISO VIEW
200

3/4"=1'-0"

BULD 2 (REVERSE AND REPEAT FOR SECOND UNIT)
WELD 2 SIDES (FILLETs AND/OR FACES)
GRIND ALL FACE WELDS

US STAIR UNIT

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/08/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

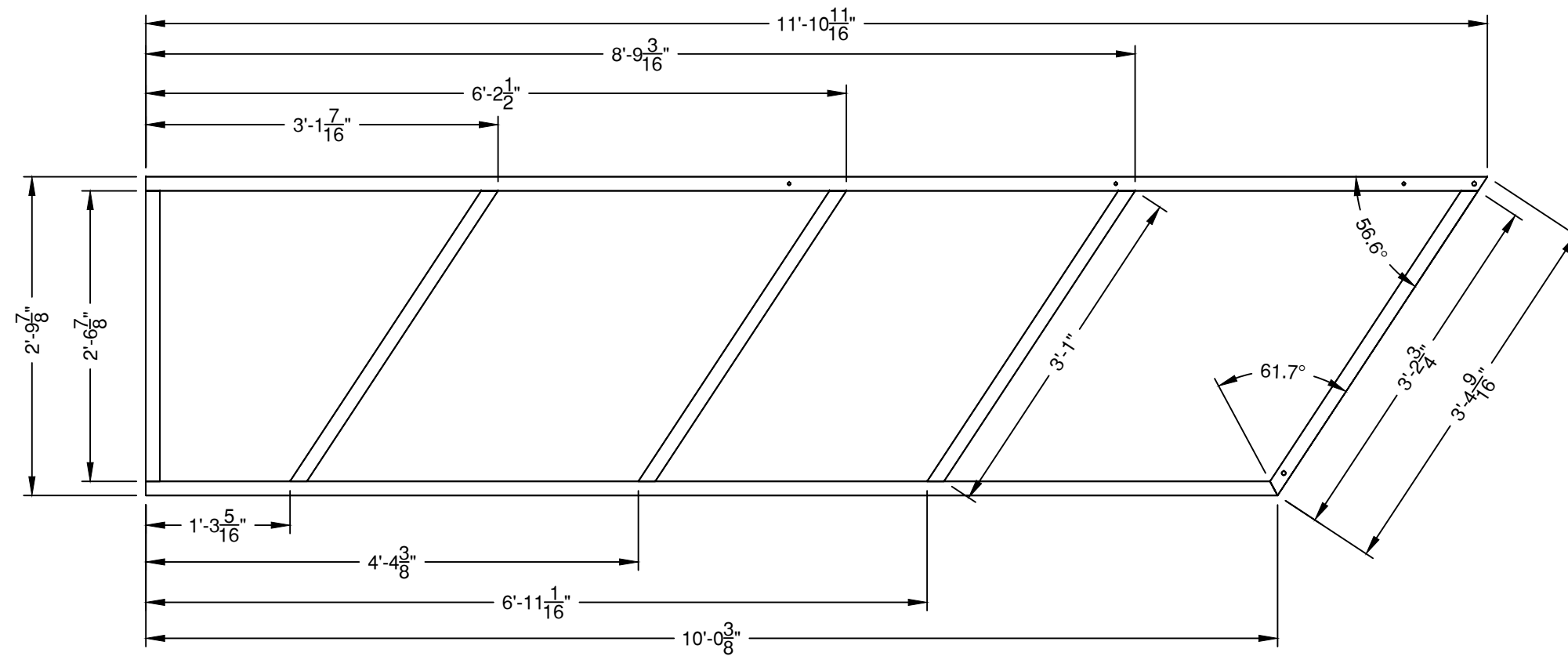
SCRAP USED

MATERIAL	QUANTITY

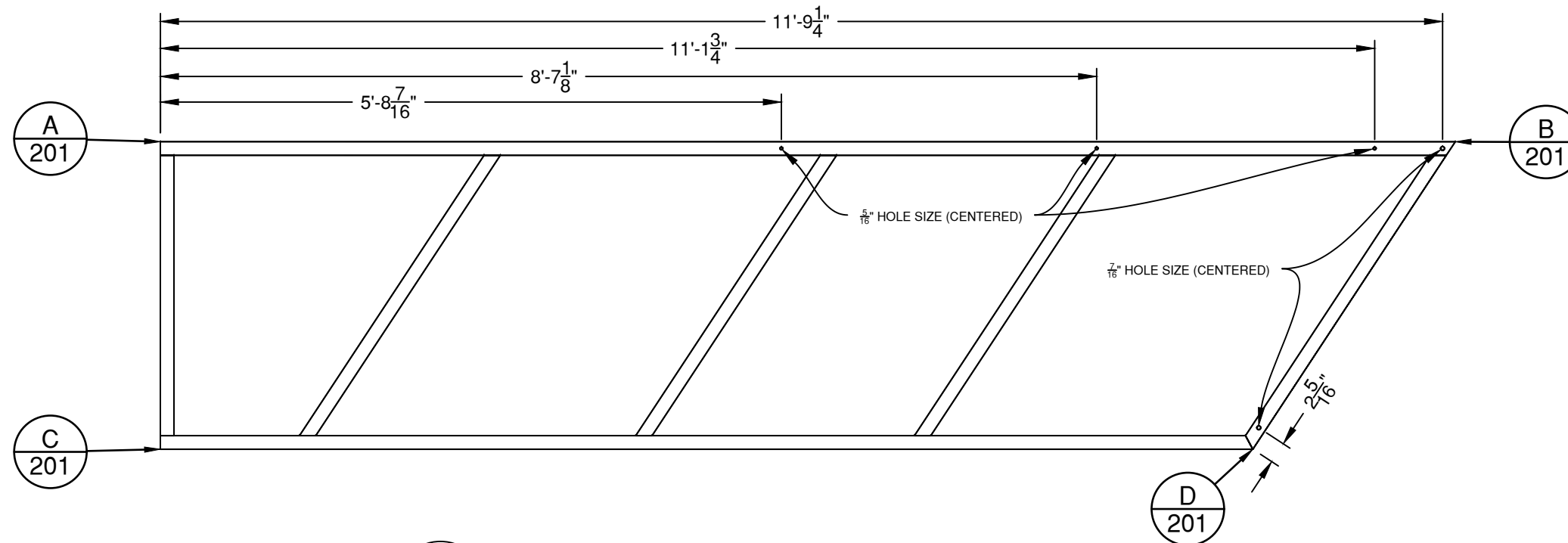
SCALE: AS NOTED

200

JOSEPH



1 TOP VIEW
201 1.5" x .065 SQ. TUBE CONST. 3/4"=1'-0"
BULD 2 (REVERSE AND REPEAT FOR SECOND UNIT)
WELD 2 SIDES (FILLETs AND/OR FACES)
GRIND ALL FACE WELDS



2 TOP VIEW: BOLT HOLES AND DIAGONALS
201 DIAGONAL A->D= 10'-5-1/16" 3/4"=1'-0"
DIAGONAL B->C= 12'-2-5/8"
SAVE JIG FOR PLATE 201.1

US STAIR UNIT
PLATFORM FRAME

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/09/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

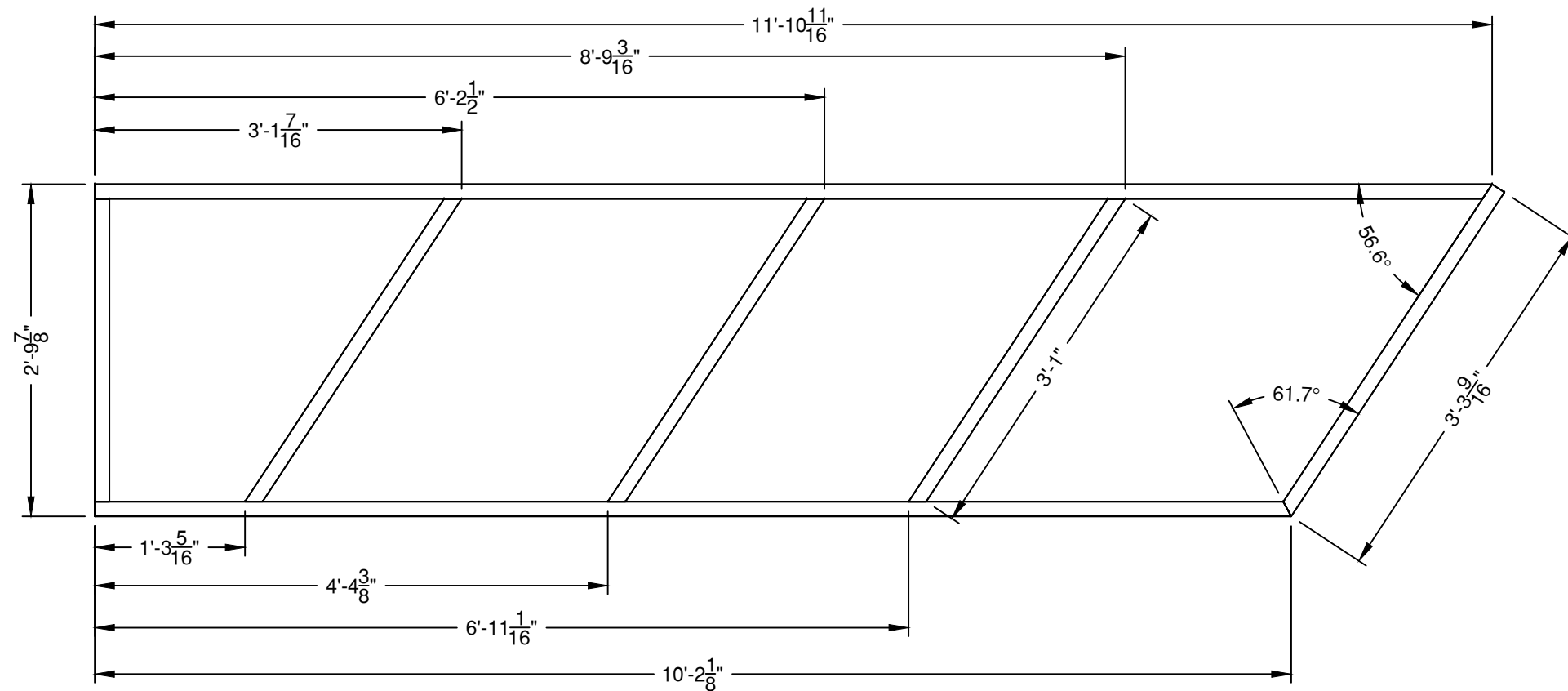
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

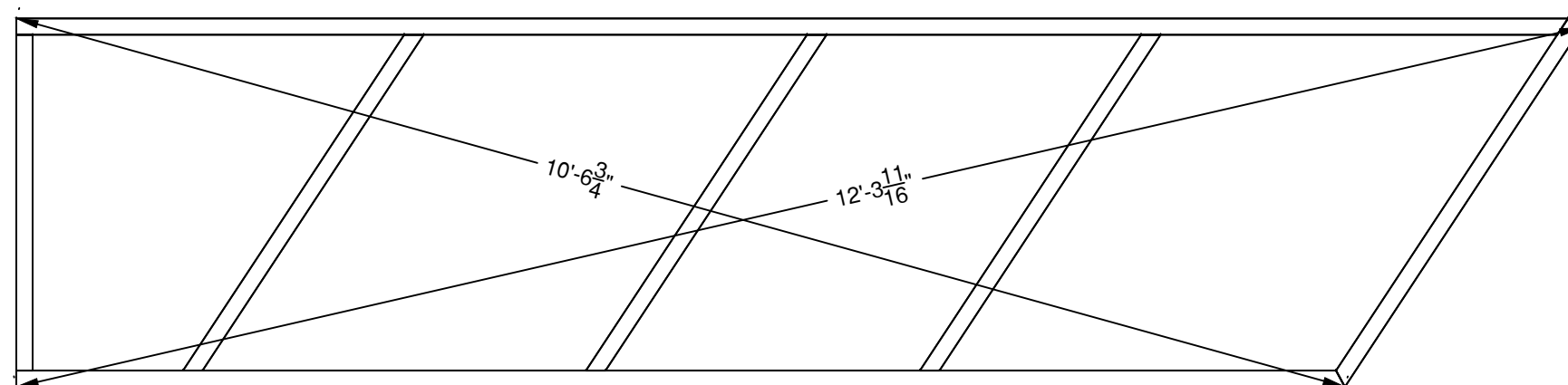
SCALE: AS NOTED

201

JOSEPH



1 TOP VIEW
201.1 1.5" x .065 SQ. TUBE CONST. 3/4"=1'-0"
BULD 2 (REVERSE AND REPEAT FOR SECOND UNIT)
WELD 2 SIDES (FILLETTS AND/OR FACES)
GRIND ALL FACE WELDS
USE JIG FROM 201, ADJUST FOR ADDITIONAL LENGTH



2 TOP VIEW: DIAGONALS
201.1 3/4"=1'-0"

US STAIR UNIT

BOTTOM FRAME

DIRECTOR:	BRAD CARROL	
DESIGNER:	JASON LAJKA	
TECH:	T. FAGERHOLM	
DWG BY:	TKF/MDB	DATE 05/09/2019
INVENTORY CODE:	JO-USS	
FILE:	JO-200-USS	

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

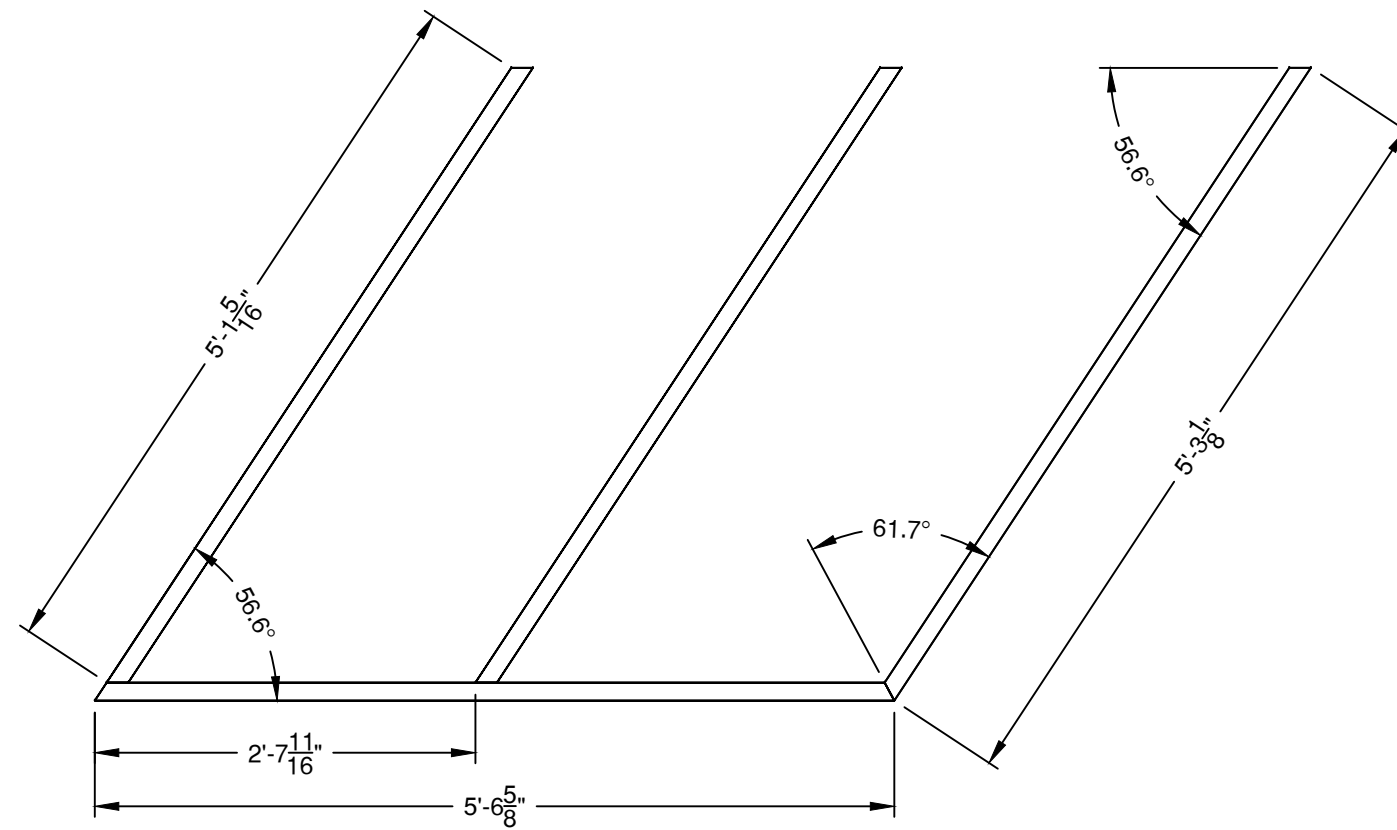
SCRAP USED

MATERIAL	QUANTITY

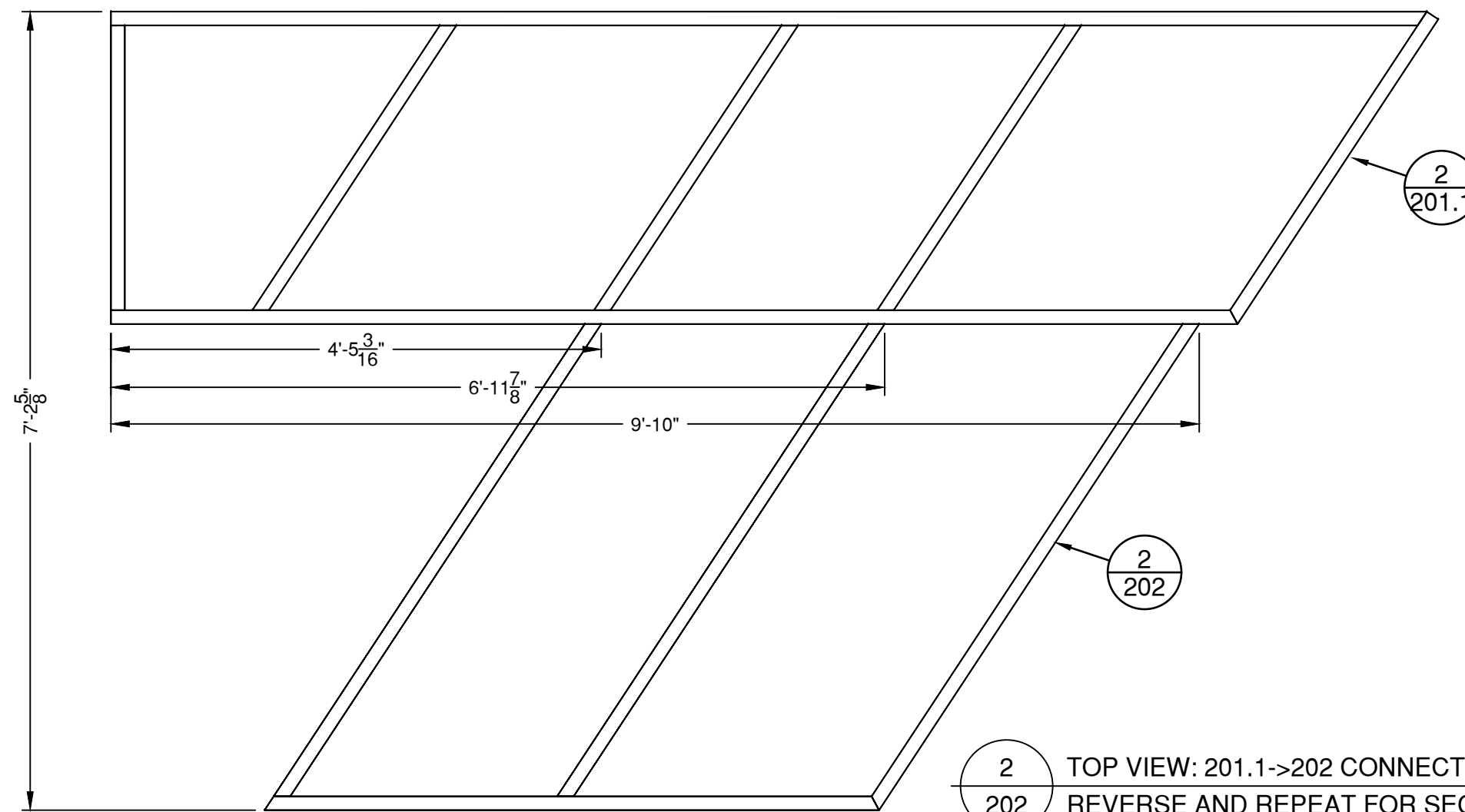
SCALE: AS NOTED

201.1

JOSEPH



1 TOP VIEW
202 1.5" x .065 SQ. TUBE CONST. 3/4"=1'-0"
BULD 2 (REVERSE AND REPEAT FOR SECOND UNIT)
WELD 2 SIDES (FILLETs AND/OR FACES)
GRIND ALL FACE WELDS



2 TOP VIEW: 201.1->202 CONNECTION 3/4"=1'-0"
202 REVERSE AND REPEAT FOR SECOND UNIT
WELD 2 SIDES (FILLETs AND/OR FACES)
GRIND ALL FACE WELDS

US STAIR UNIT
STAIR BASE FRAME

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	TKF/ MDB
DATE:	05/09/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME	
DATE	HOURS (Closest 1/4 Hour)

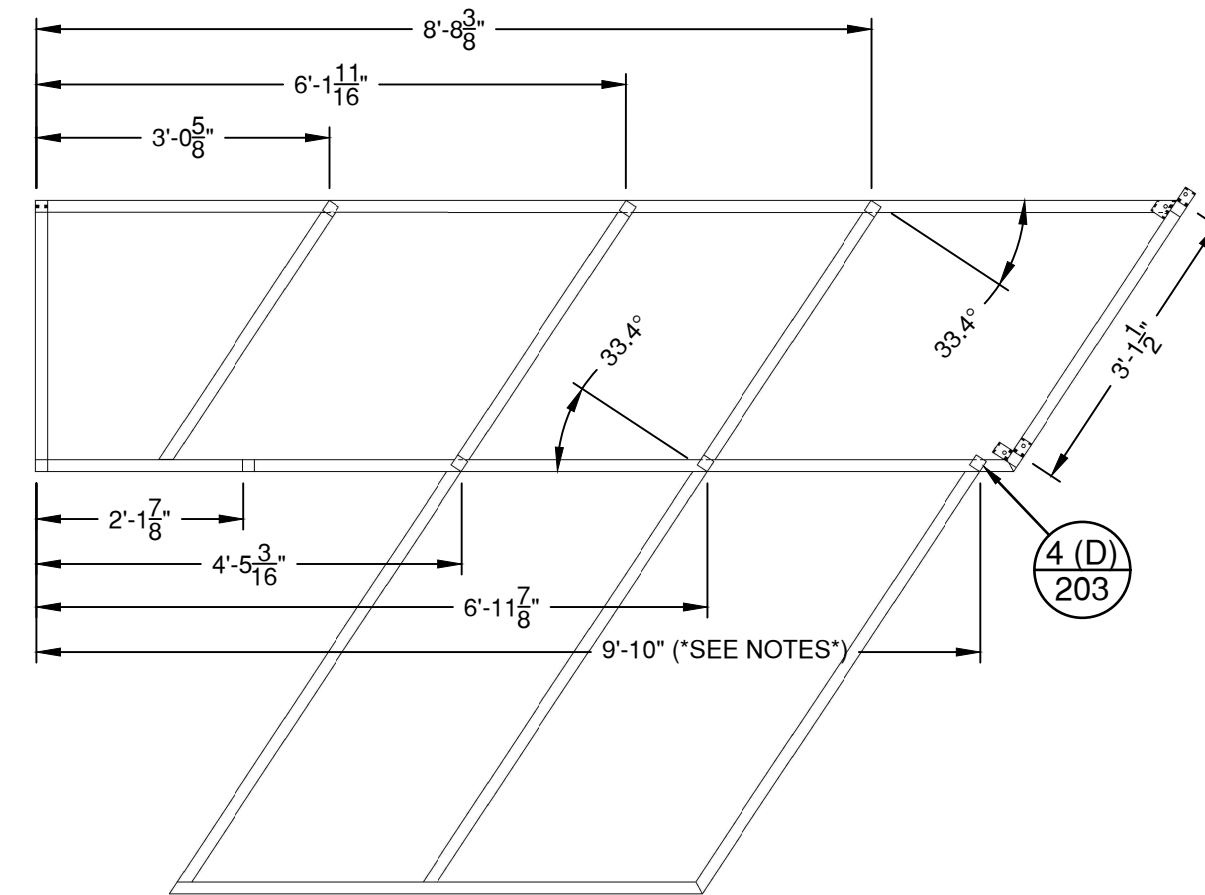
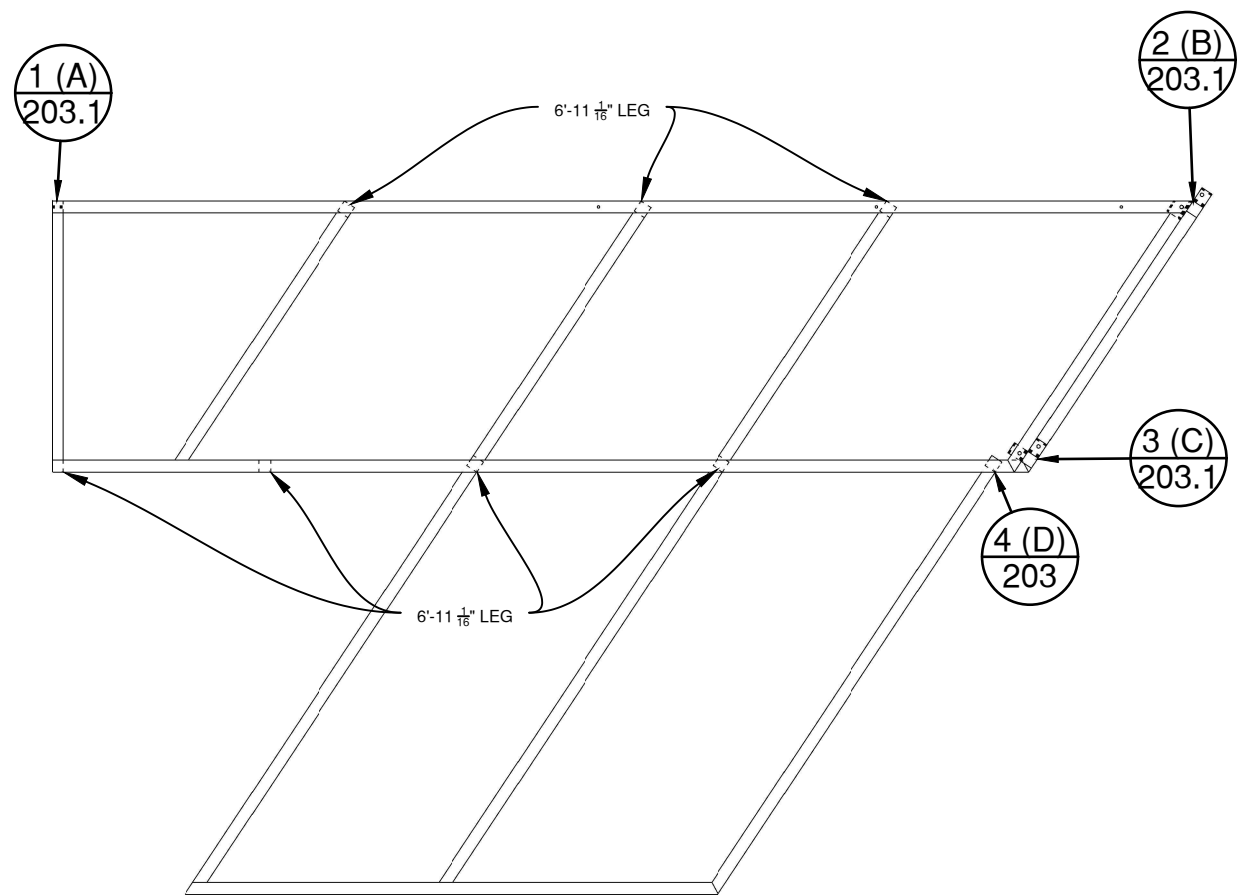
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

SCALE: AS NOTED

202

JOSEPH



1	TOP VIEW: LEG CUT LIST
203	1.5" x .065 SQ. TUBE CONST. (EXCEPT B & C) 1/2"=1'-0"
	NEED 14 LEGS @ 6'-11-1/16" (INCLUDES BOTH UNITS)
	LEG A (2 TOTAL) @ 6'-11-1/16" (INCLUDES BOTH UNITS)
	LEGS B & C (4 TOTAL) 11 GA @ 8'-0-9/16" (INCLUDES BOTH UNITS)
	LEG D (2 TOTAL) @ 8'-13/16" (INCLUDES BOTH UNITS)

2	TOP VIEW: LEG PLACEMENT
203	PLACEMENT IS FOR THE BASE FRAME, EXCEPT LEG D 1/2"=1'-0"
	LEG D GOES ON UNDERSIDE OF TOP PLATFORM (PLATE 201)
	WELD 2 SIDES (FILLET AND/OR FACES)
	GRIND ALL FACE WELDS
	REVERSE AND REPEAT FOR THE SECOND UNIT

US STAIR UNIT

LEGS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/13/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

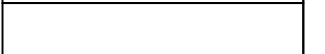
MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

203



JOSEPH

US STAIR UNIT

CUSTOM LEGS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/13/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

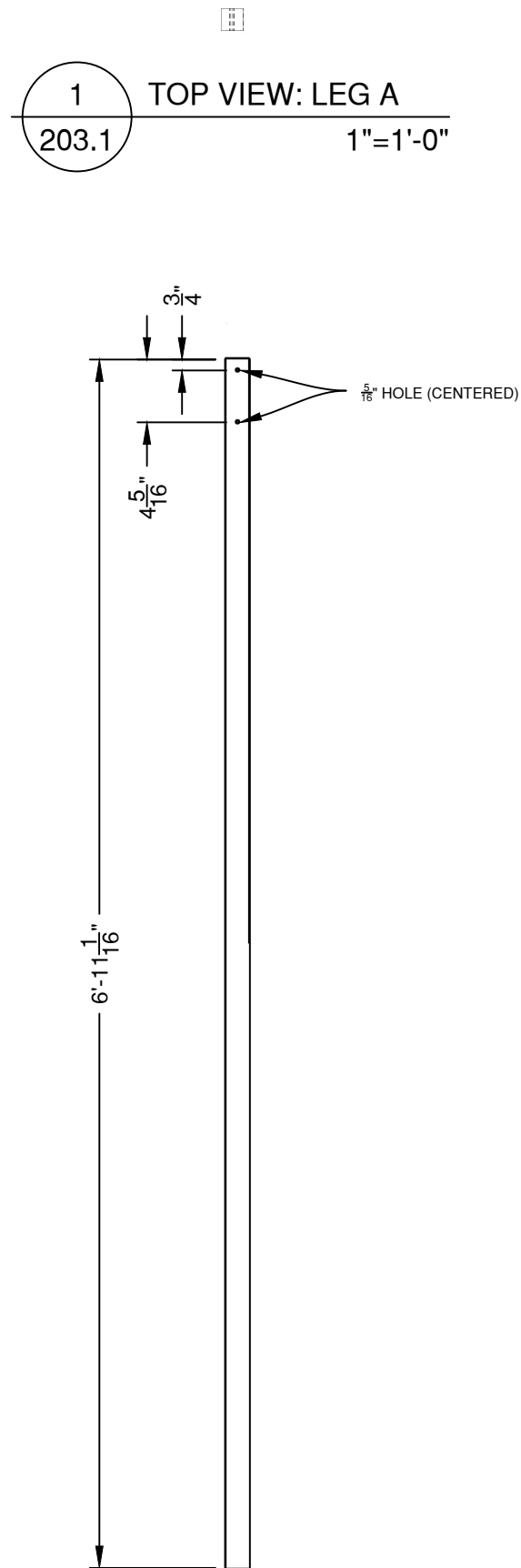
MATERIAL	QUANTITY

SCRAP USED

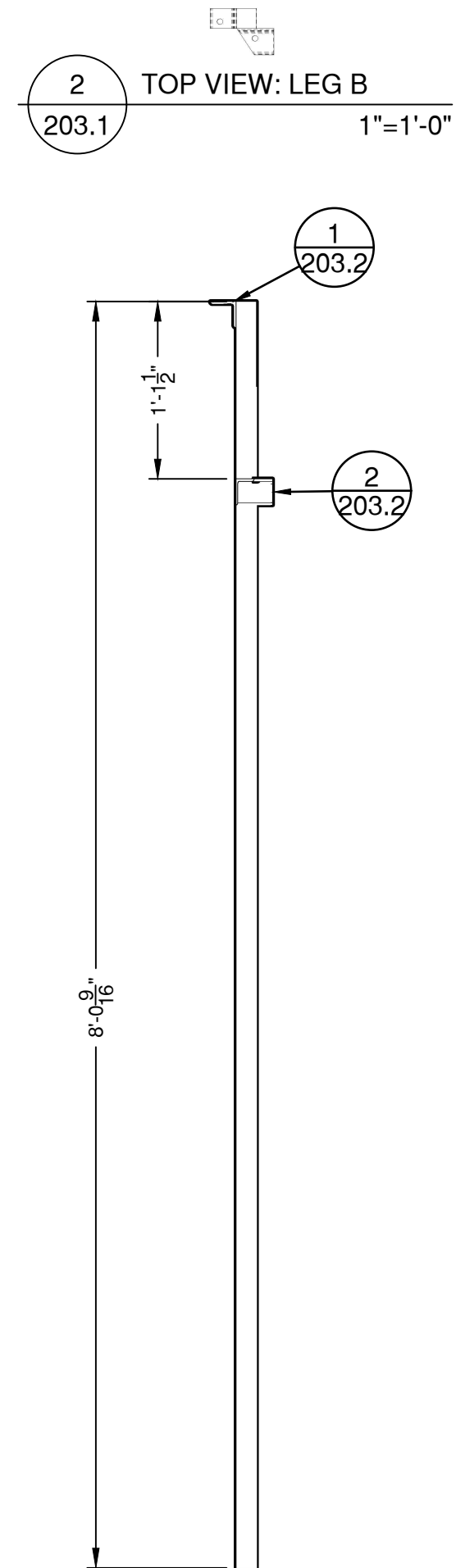
MATERIAL	QUANTITY

SCALE: AS NOTED

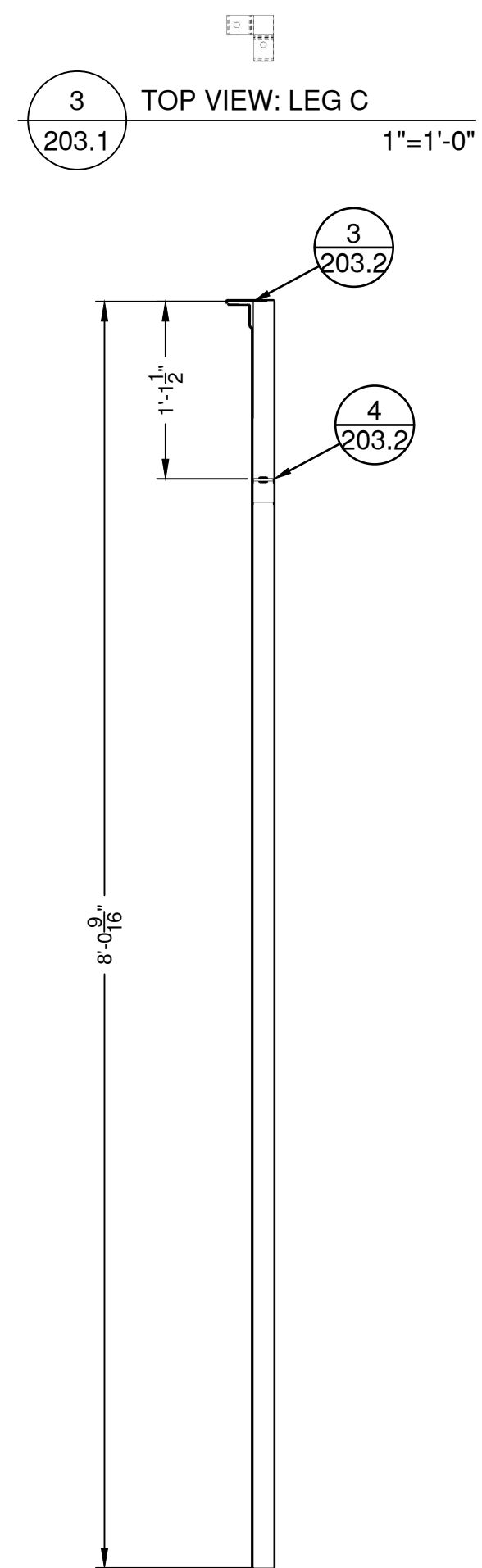
203.1



1.1 FRONT VIEW: LEG A
203.1 MAKE 2 1"=1'-0"
5/16" BOLT HOLE SIZE



2.1 FRONT VIEW: LEG B
203.1 MAKE 2 1"=1'-0"
REVERSE AND REPEAT FOR SECOND LEG
WELD 2 SIDES (FILLET OR FACES)
TAB DETAILS ARE ON PLATE 203.2



3.1 FRONT VIEW: LEG C
203.1 MAKE 2 1"=1'-0"
REVERSE AND REPEAT FOR SECOND LEG
WELD 2 SIDES (FILLET OR FACES)
TAB DETAILS ARE ON PLATE 203.2

JOSEPH

US STAIR UNIT

LEG TABS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/ MDB
DATE:	05/13/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

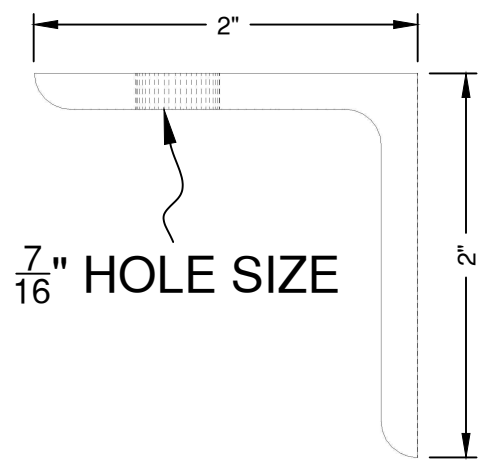
MATERIAL	QUANTITY

SCRAP USED

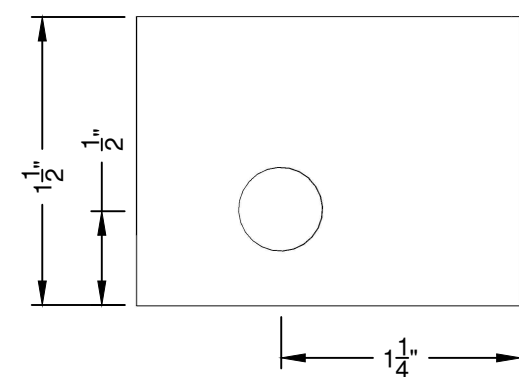
MATERIAL	QUANTITY

SCALE: AS NOTED

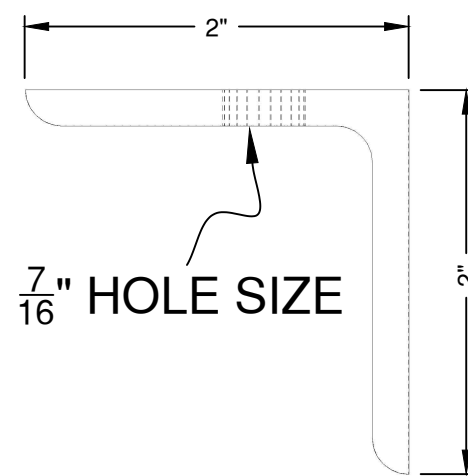
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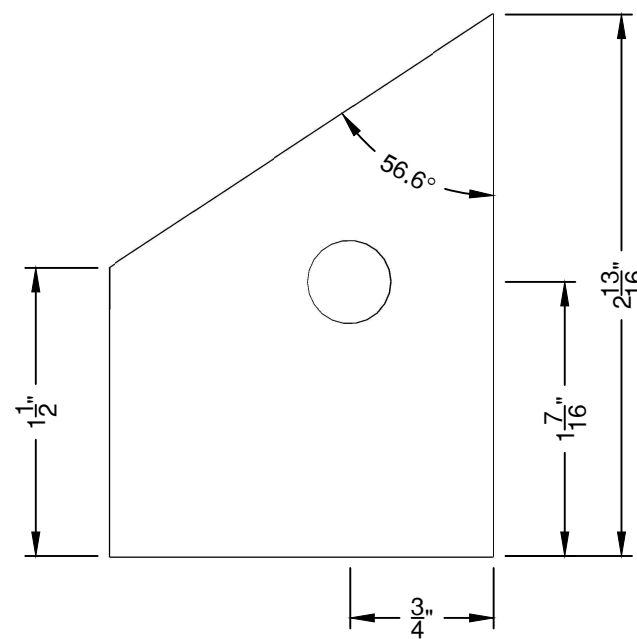
1 SIDE VIEW: LEG B, TAB 1
203.2 MAKE 2 ACTUAL SIZE
REVERSE AND REPEAT
7/16" HOLE SIZE
2" x .1875" ANGLE



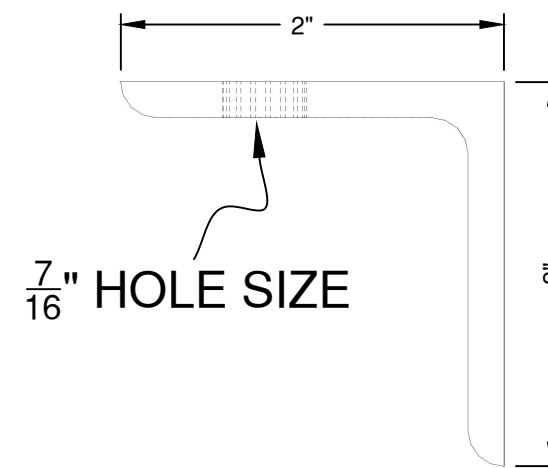
1.1 TOP VIEW: LEG B, TAB 1
203.2 ACTUAL SIZE



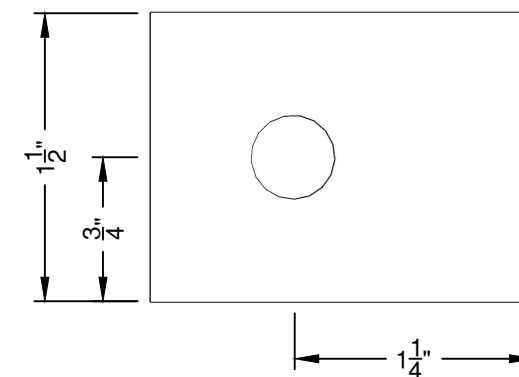
2 SIDE VIEW: LEG B, TAB 2
203.2 MAKE 2 ACTUAL SIZE
REVERSE AND REPEAT
7/16" HOLE SIZE
2" x .1875" ANGLE



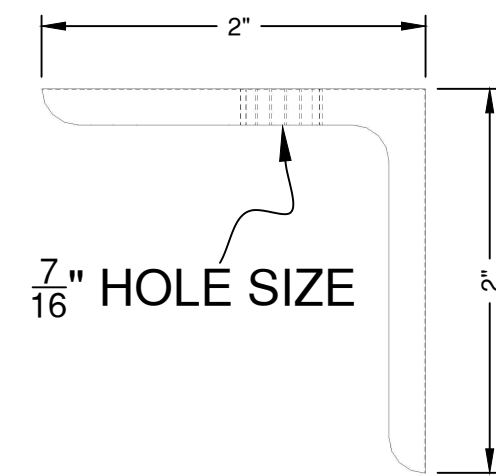
2.1 TOP VIEW: LEG B, TAB 2
203.2 ACTUAL SIZE



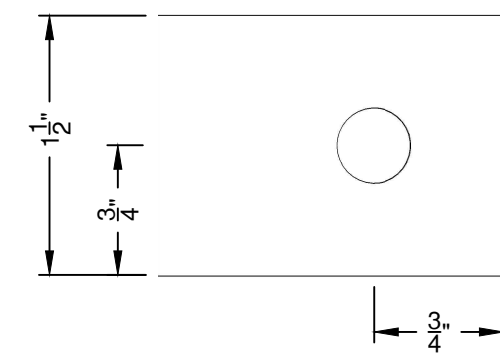
3 SIDE VIEW: LEG C, TAB 3
203.2 MAKE 2 ACTUAL SIZE
REVERSE AND REPEAT
7/16" HOLE SIZE
2" x .1875" ANGLE



3.1 TOP VIEW: LEG C, TAB 3
203.2 ACTUAL SIZE

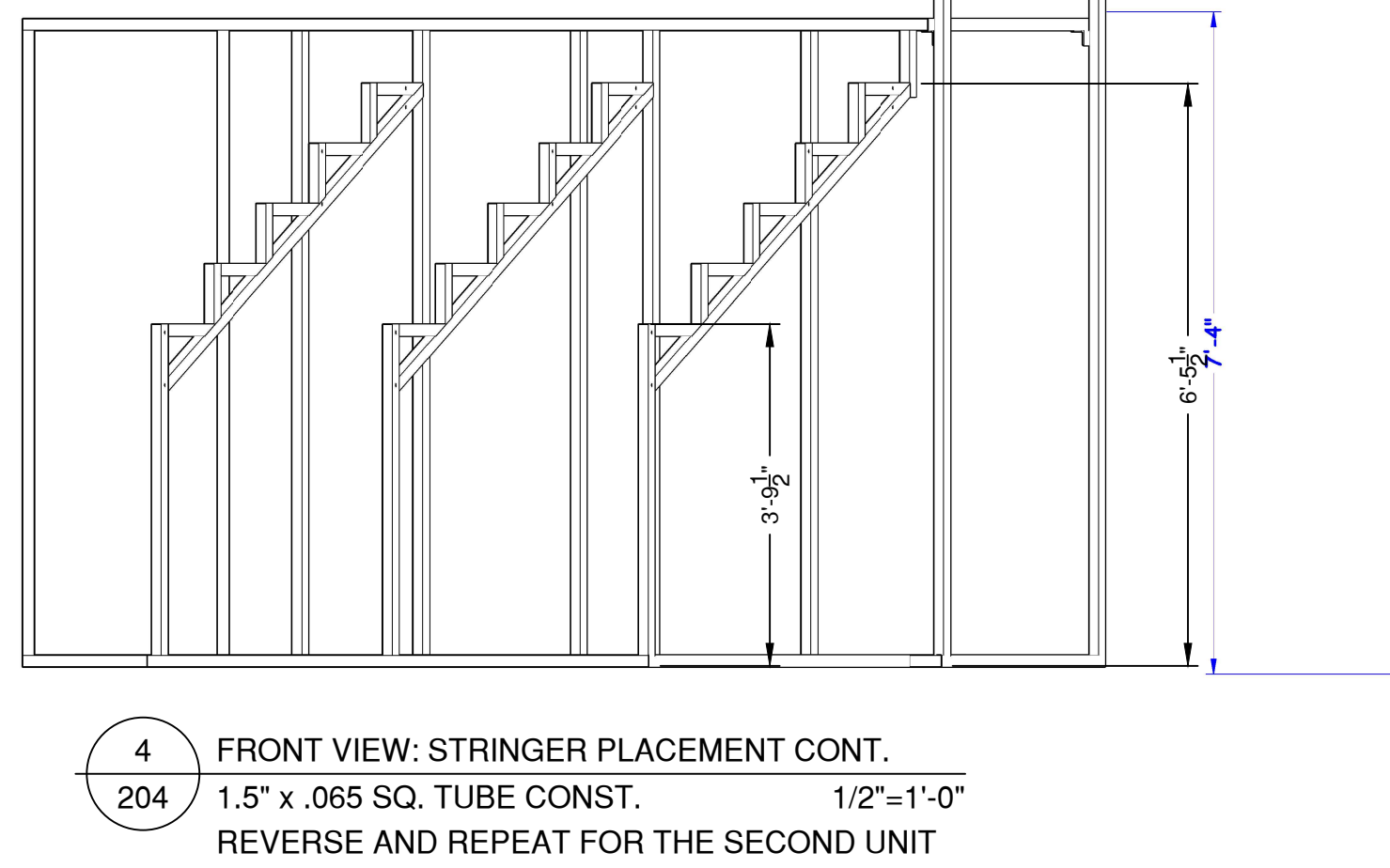
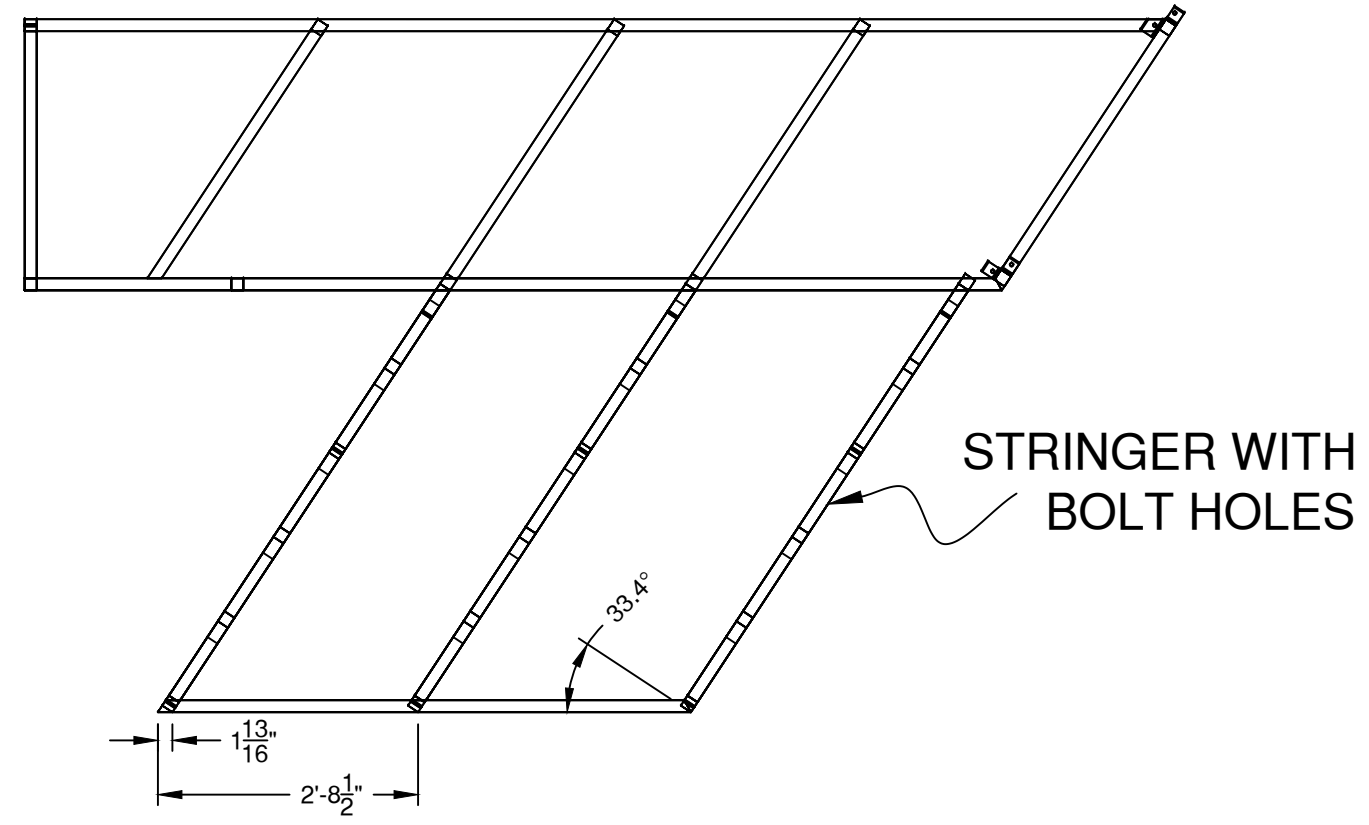
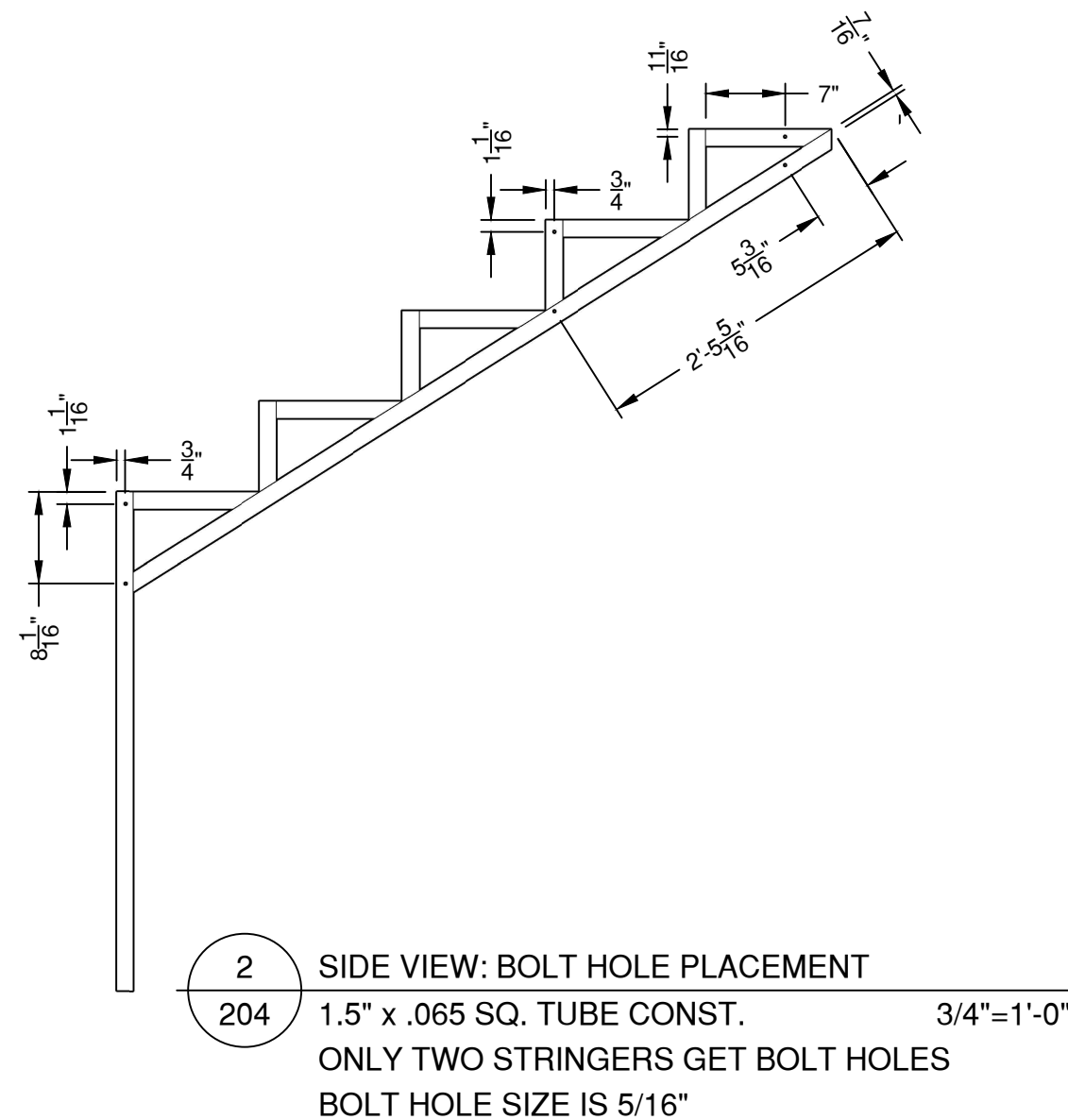
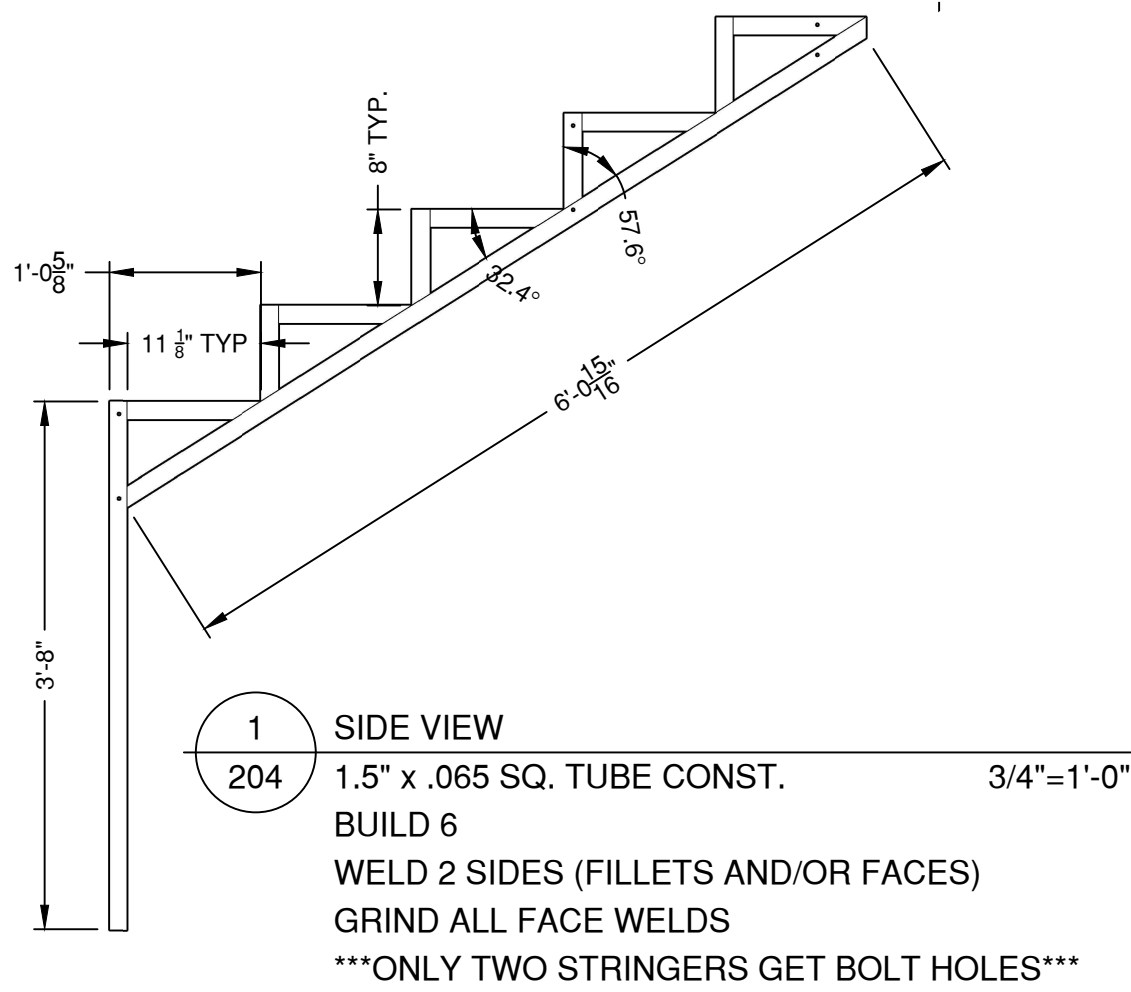


4 SIDE VIEW: LEG C, TAB 4
203.2 MAKE 2 ACTUAL SIZE
REVERSE AND REPEAT
7/16" HOLE SIZE
2" x .1875" ANGLE



4.1 SIDE VIEW: LEG C, TAB 4
203.2 ACTUAL SIZE

JOSEPH



US STAIR UNIT

STRINGERS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/ MDB
DATE:	05/09/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

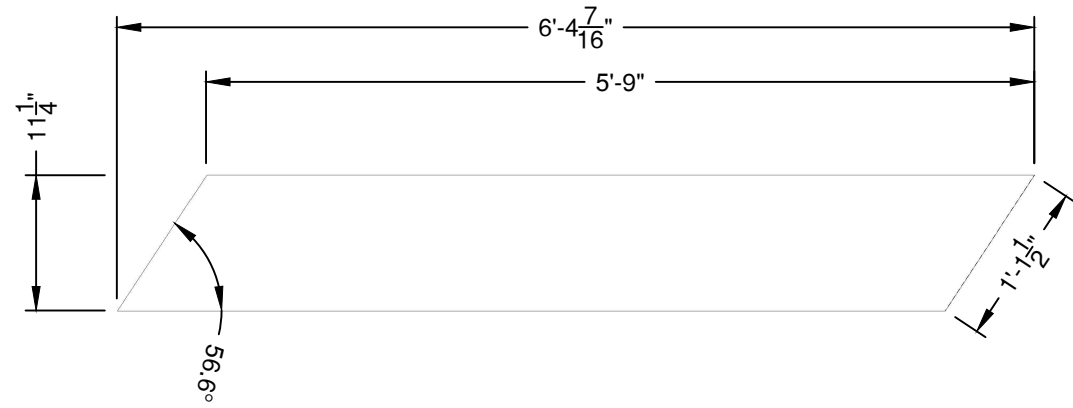
SCRAP USED

MATERIAL	QUANTITY

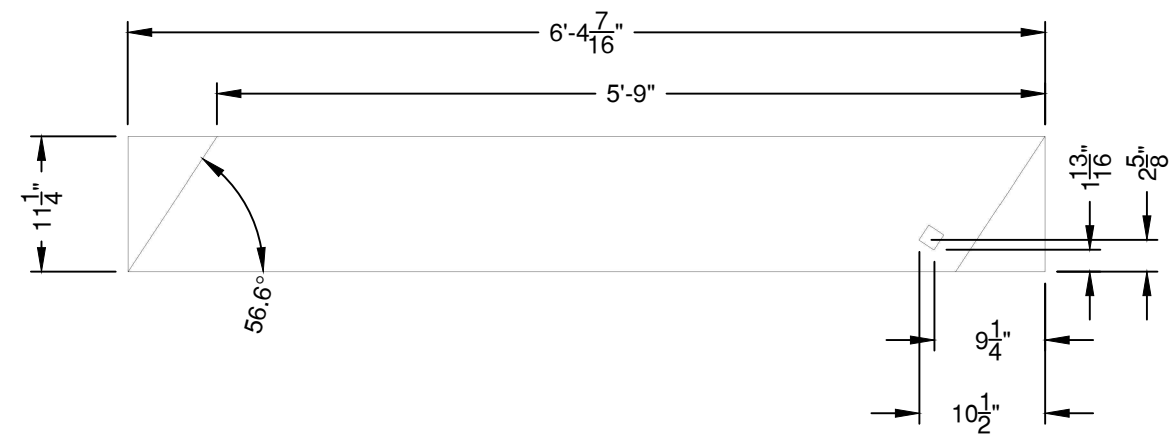
SCALE: AS NOTED

204

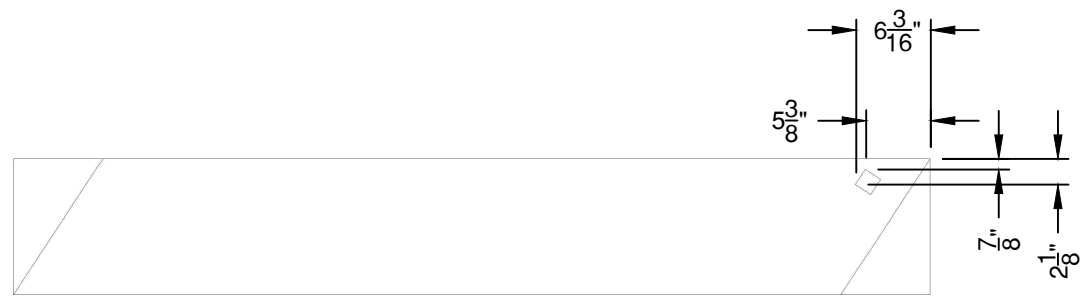
JOSEPH



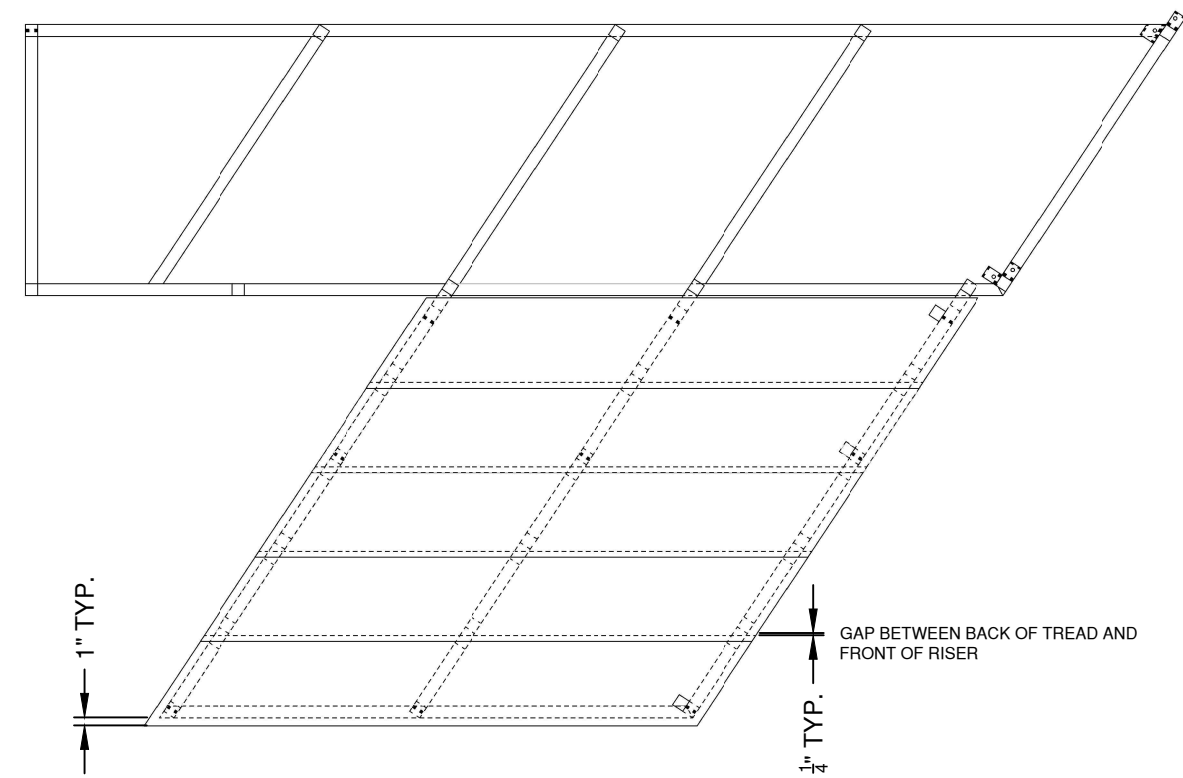
1 TOP VIEW
205 2"x12" CONST. 3/4"=1'-0"
CUT 4 (INCLUDES BOTH UNITS)



2 TOP VIEW
205 2"x12" CONST. 3/4"=1'-0"
CUT 4 (INCLUDES BOTH UNITS)



3 TOP VIEW
205 2"x12" CONST. 3/4"=1'-0"
CUT 2 (INCLUDES BOTH UNITS)



4 TOP VIEW
205 2"x12" CONST. 1/2"=1'-0"
REVERSE AND REPEAT FOR SECOND UNIT
TEK SCREW TREADS TO STRINGERS
1" OVERHANG ON THREE SIDES
SEE TOM OR DANIEL FOR LED CHANNEL

US STAIR UNIT

TREADS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/14/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

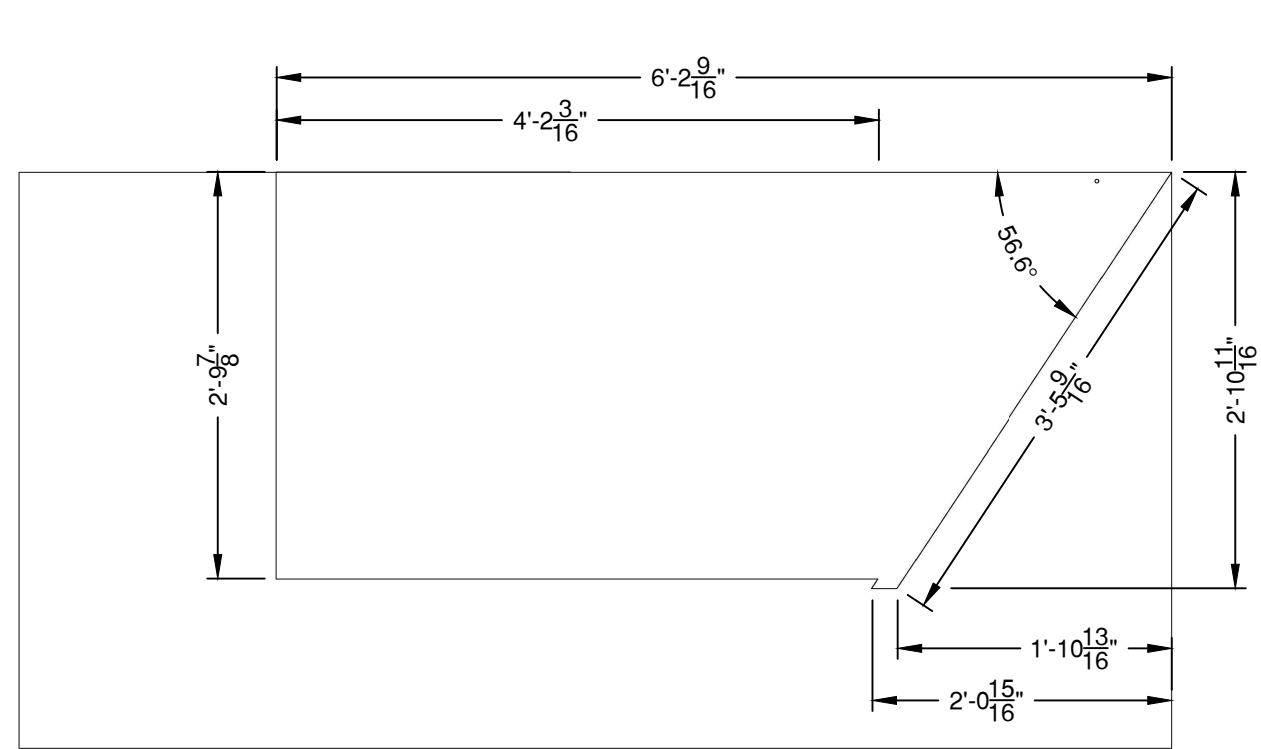
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MATERIAL	QUANTITY

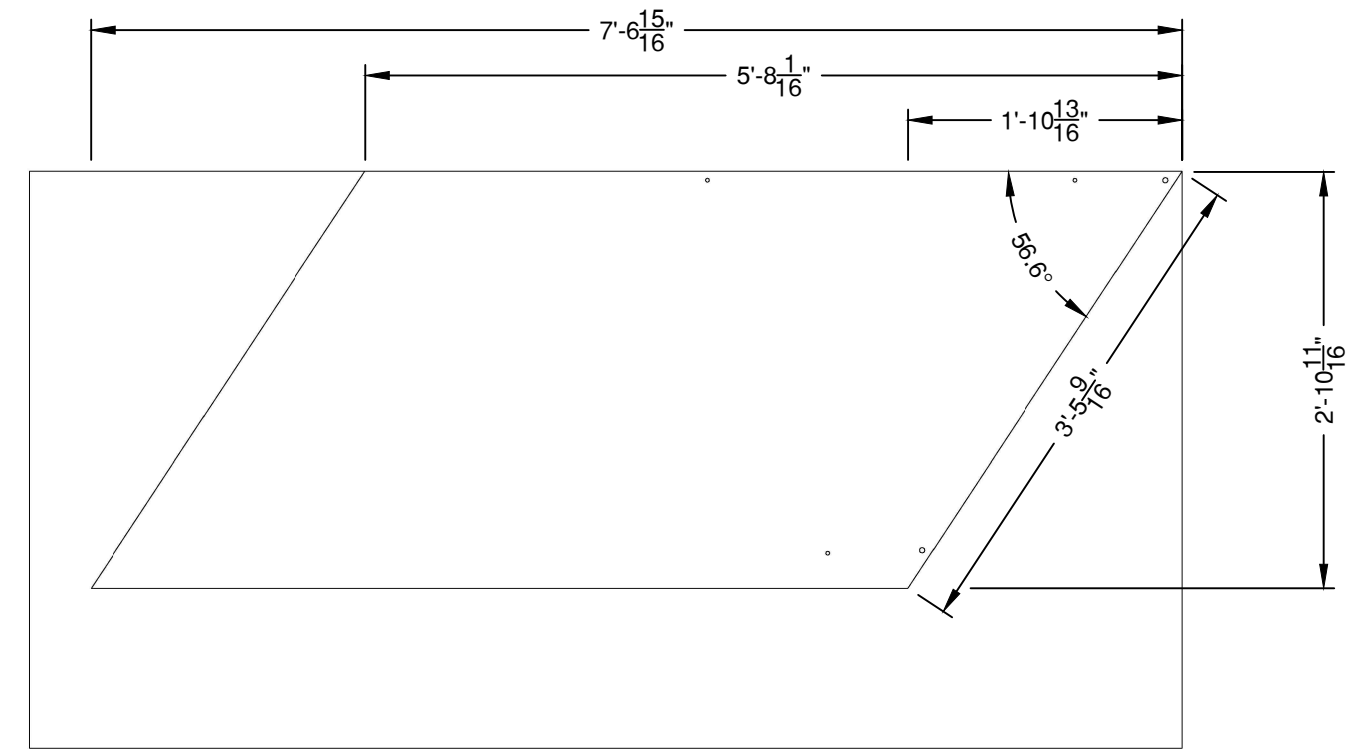
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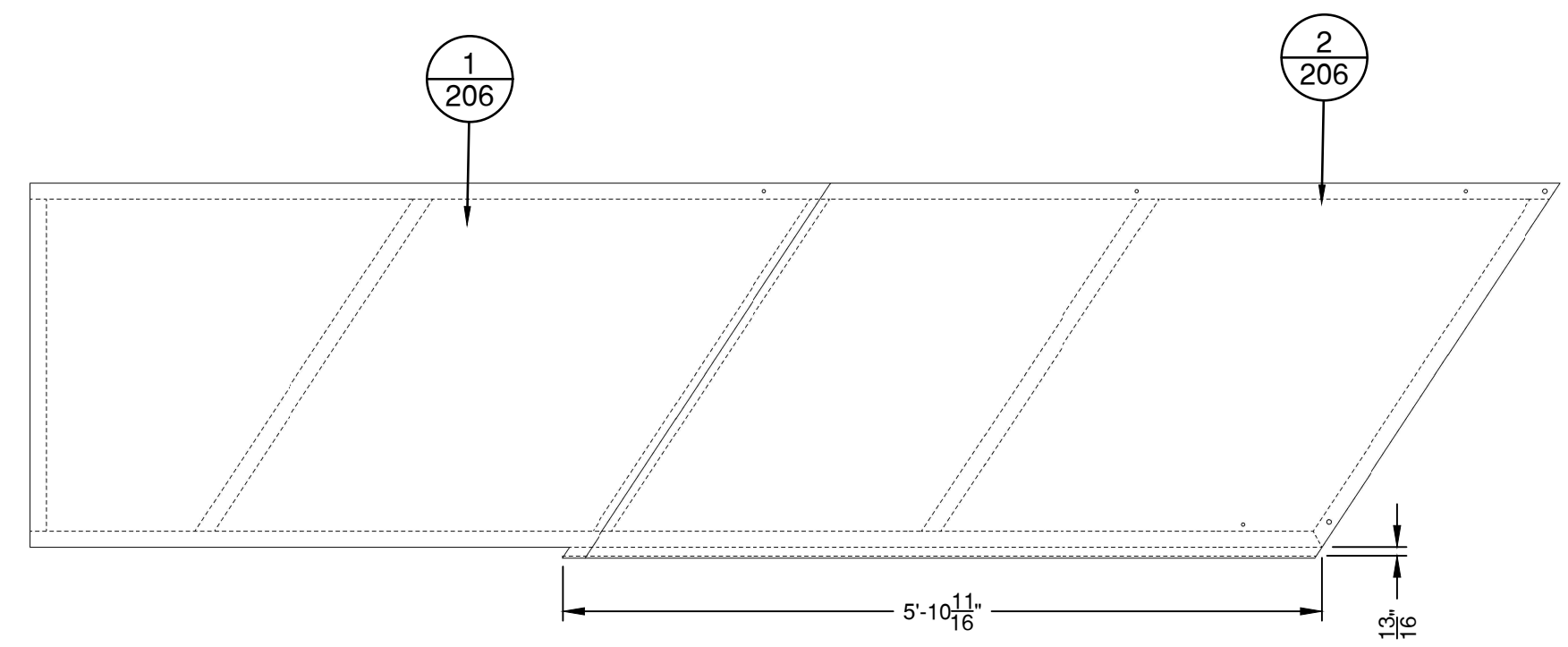
JOSEPH



1 TOP VIEW: LID LAYOUT
206 3/4" CDX PLY
CUT 2
3/4"=1'-0"



2 TOP VIEW: LID LAYOUT
206 3/4" CDX PLY
CUT 2
3/4"=1'-0"



3 TOP VIEW
206 3/4" CDX PLY
REVERSE AND REPEAT FOR THE SECOND UNIT
CHASE BOLT HOLES FROM FRAME
TEK SCREW LID TO FRAME
3/4"=1'-0"

SKINNING AND FACING NOTES

- RIP 1/2" PLY TO 13/16" AND ATTACH TO UNDERSIDE OF THE PLY LID OVERHANG.
- RIP 3/16" MASO TO 1 1/4" AND STAPLE TO THE FACE OF THE PLY LID OVERHANG
- STAPLE 3/16" MASO TO THE PLY LID AND ROUTE FLUSH

US STAIR UNIT

LIDS AND SKINS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/ MDB
DATE:	05/15/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

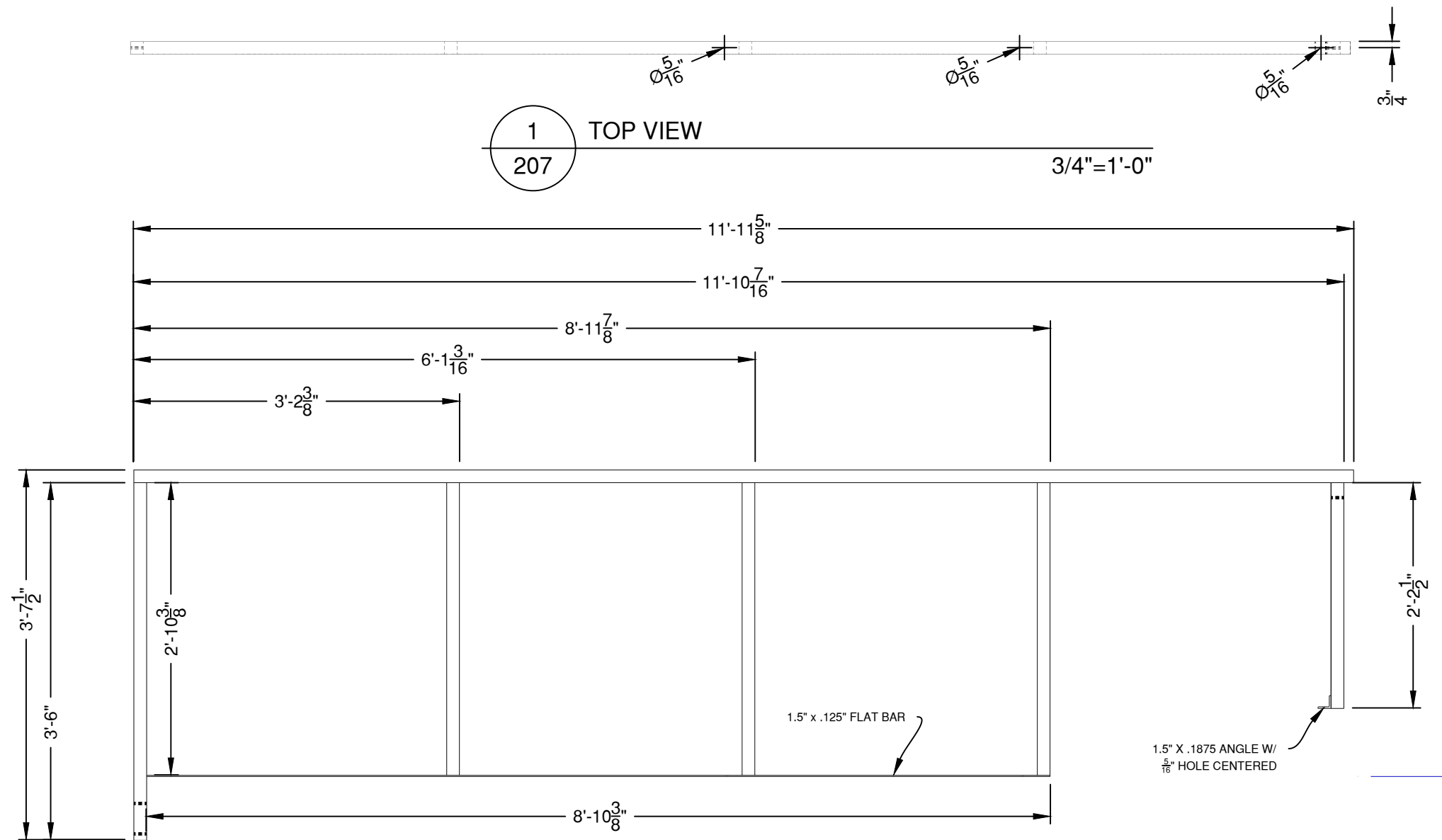
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MATERIAL	QUANTITY

SCALE: AS NOTED

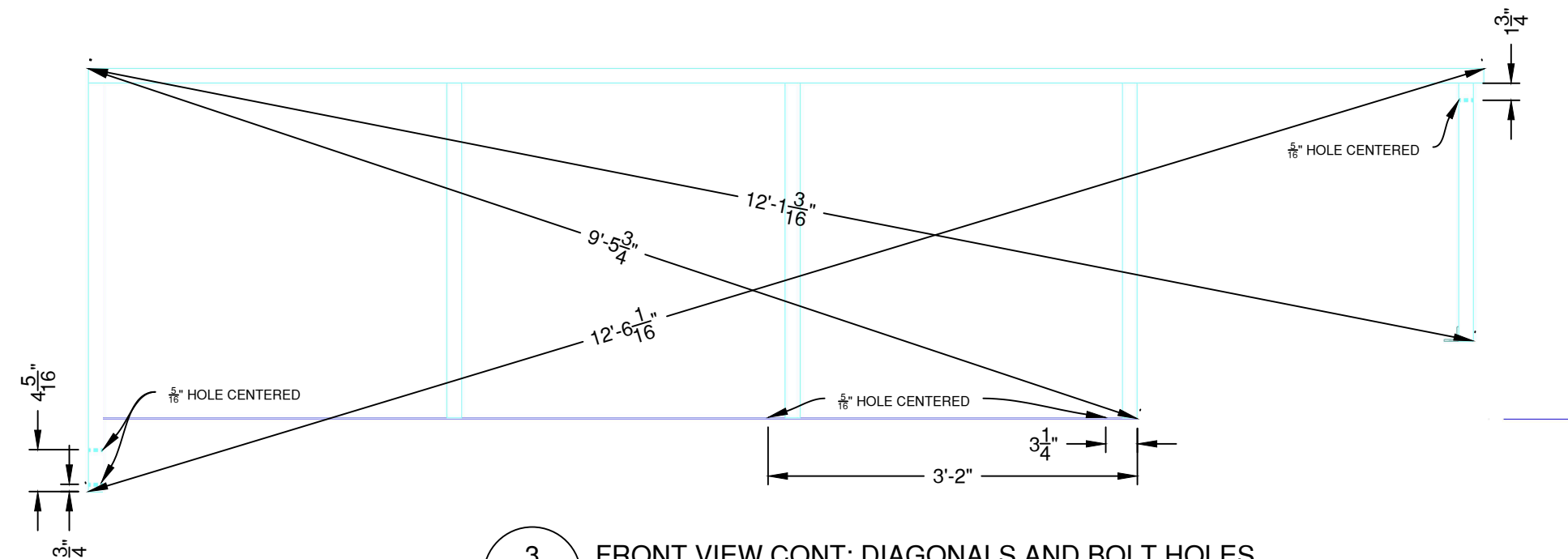
206

JOSEPH



1 TOP VIEW
207 3/4"=1'-0"

2 FRONT VIEW
207 1.5" x .065 SQ. TUBE CONST.
WELD 2 SIDES (FILLET AND/OR FACES)
GRIND ALL FACE WELDS
BUILD 2
3/4"=1'-0"



3 FRONT VIEW CONT: DIAGONALS AND BOLT HOLES
207 ALL BOLT HOLES ARE 5/16" CENTERED
3/4"=1'-0"

US STAIR UNIT

US RAILING

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/14/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

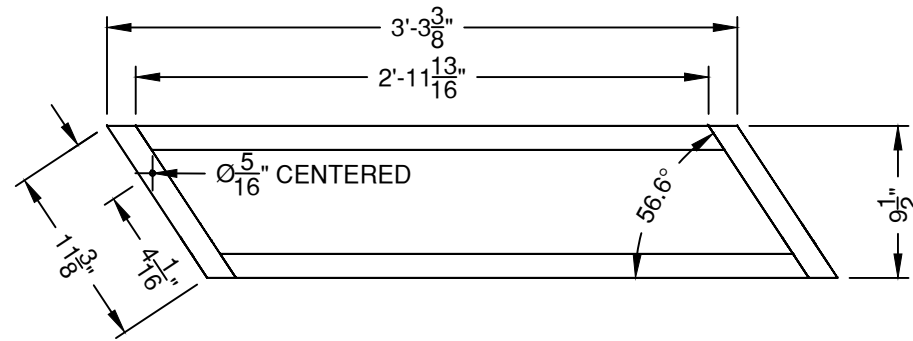
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MATERIAL	QUANTITY

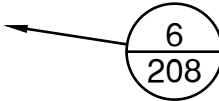
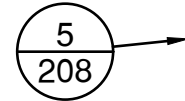
SCALE: AS NOTED

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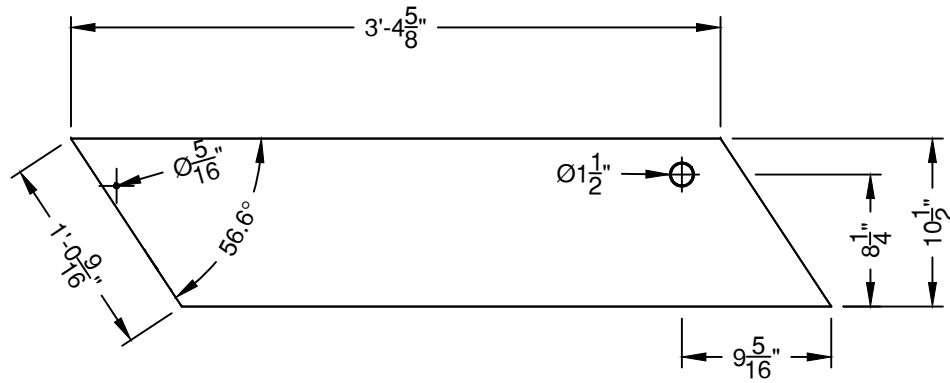
JOSEPH



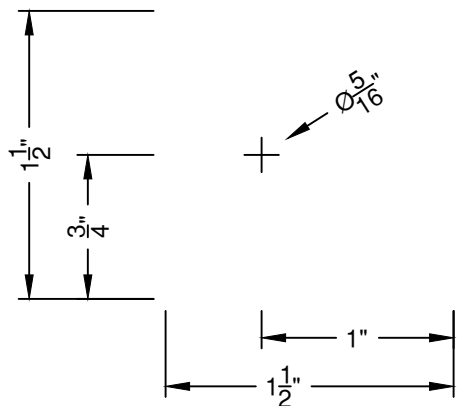
1 TOP VIEW: FRAME
 208 1.5" x .065 SQ. TUBE CONST. 1"=1'-0"
 BULD 2 (REVERSE AND REPEAT FOR SECOND UNIT)
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND ALL FACE WELDS



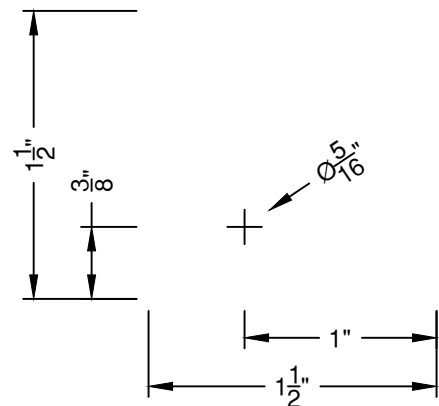
4 TOP VIEW: LEG PLACEMENT AND CUT LIST
 208 1.5" x .065 SQ. TUBE CONST. 1"=1'-0"
 CUT (4) LEGS @ 5" (INCLUDES BOTH UNITS)
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND ALL FACE WELDS
 CUT (2) 1-1/2" MECHANICAL TUBE @ 7-1/2" (INCLUDES BOTH UNITS)



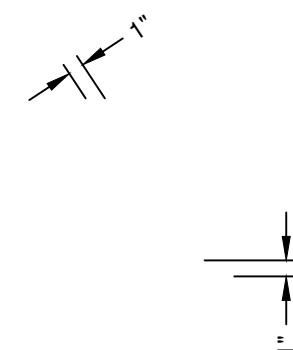
2 TOP VIEW: TREAD
 208 2"x12" CONST. 1"=1'-0"
 CUT 2 (REVERSE AND REPEAT FOR SECOND UNIT)
 CHASE THE 5/16" HOLE FROM THE FRAME



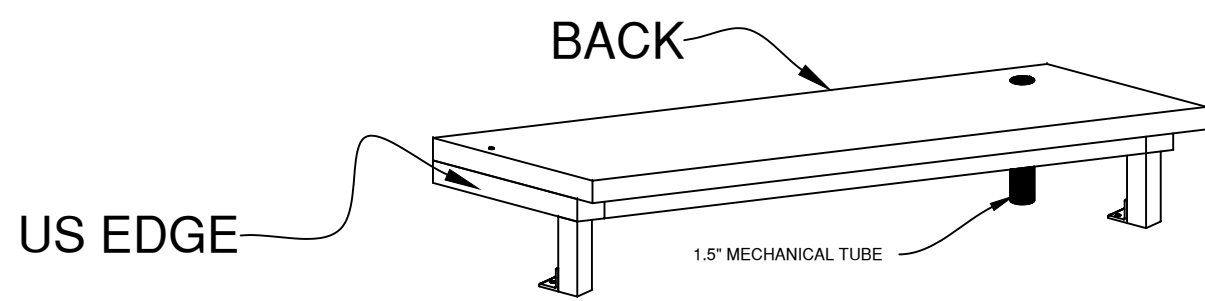
5 TOP VIEW: LEG TAB
 208 1.5" x .1875 ANGLE ACTUAL SIZE
 MAKE 2 (INCLUDES BOTH UNITS)



6 TOP VIEW: LEG TAB
 208 1.5" x .1875 ANGLE ACTUAL SIZE
 MAKE 2 (INCLUDES BOTH UNITS)



3 TOP VIEW: TREAD PLACEMENT
 208 2"x12" CONST. 1"=1'-0"
 REVERSE AND REPEAT FOR SECOND UNIT
 CHASE THE 5/16" HOLE FROM THE FRAME
 TEK SCREW TO FRAME



7 LEFT ISO VIEW
 208 WELD TABS TO BOTTOM OF THE RESPECTIVE LEGS 1"=1'-0"
 WELD MECHANICAL TUBE TO FRAME AFTER TREAD IS ATTACHED
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND ALL FACE WELDS
 WELD BACK EDGE TO 11 GA PLATFORM LEGS, SEE CHYNNA FOR US/DS PLACEMENT

US STAIR UNIT
 PLATFORM STEP
 DIRECTOR: BRAD CARROL
 DESIGNER: JASON LAJKA
 TECH DIRECTOR: T. FAGERHOLM
 DWD BY: TKF/MDB DATE: 05/09/2019
 INVENTORY CODE: JO-USS
 FILE: JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

208

JOSEPH

US STAIR UNIT

STAIR RAILING

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/14/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

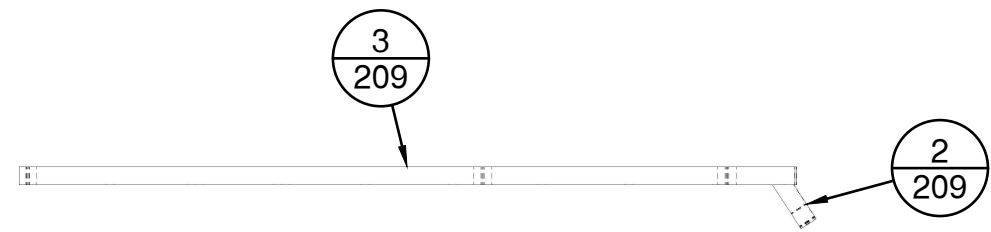
MATERIAL	QUANTITY

SCRAP USED

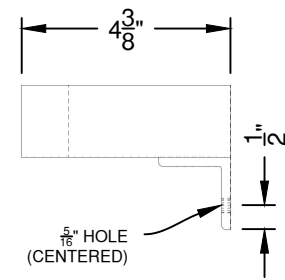
MATERIAL	QUANTITY

SCALE: AS NOTED

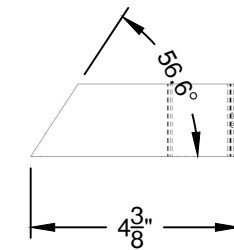
209



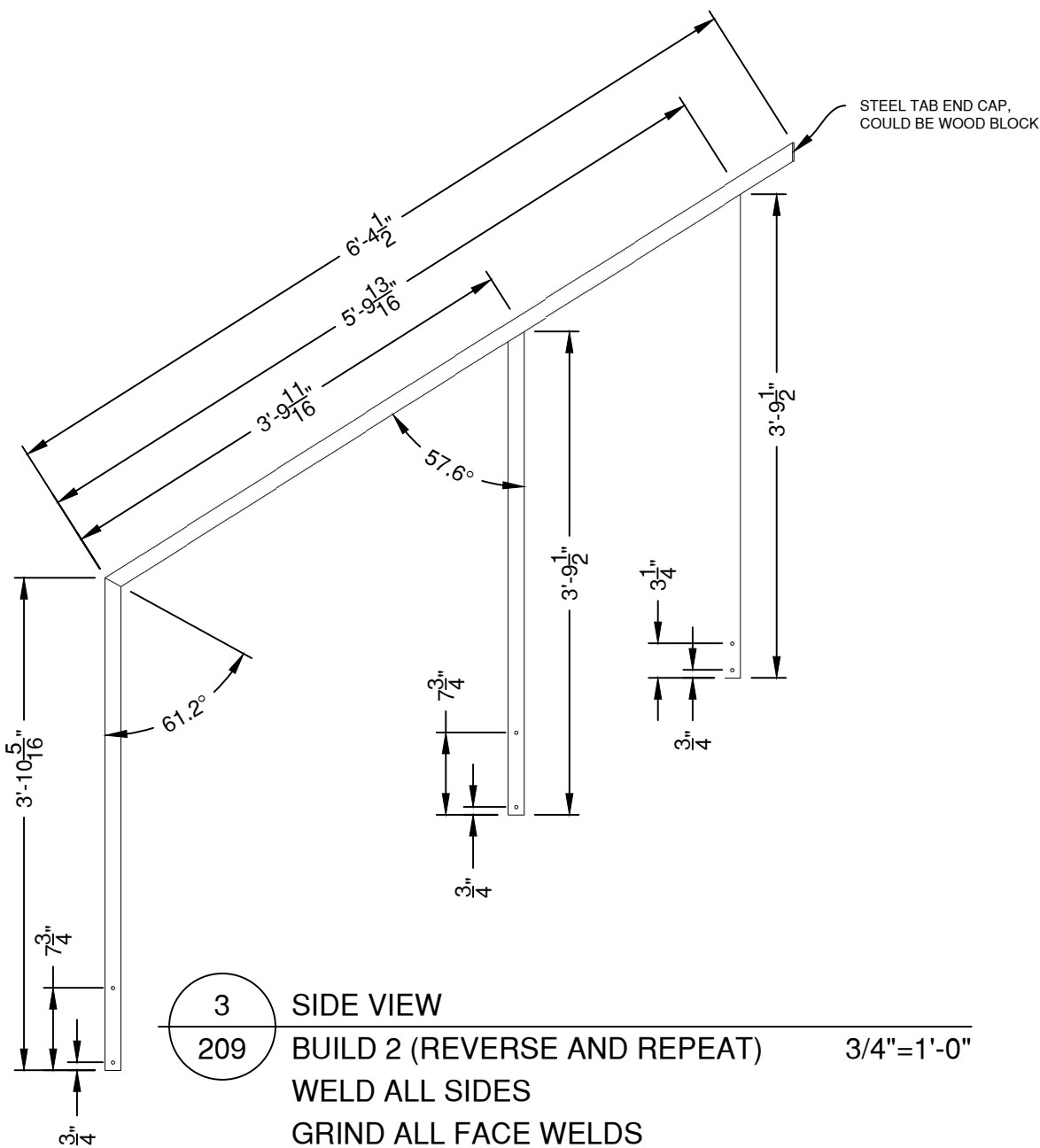
1 TOP VIEW
209 BUILD 2 (REVERSE AND REPEAT) 3/4"=1'-0"



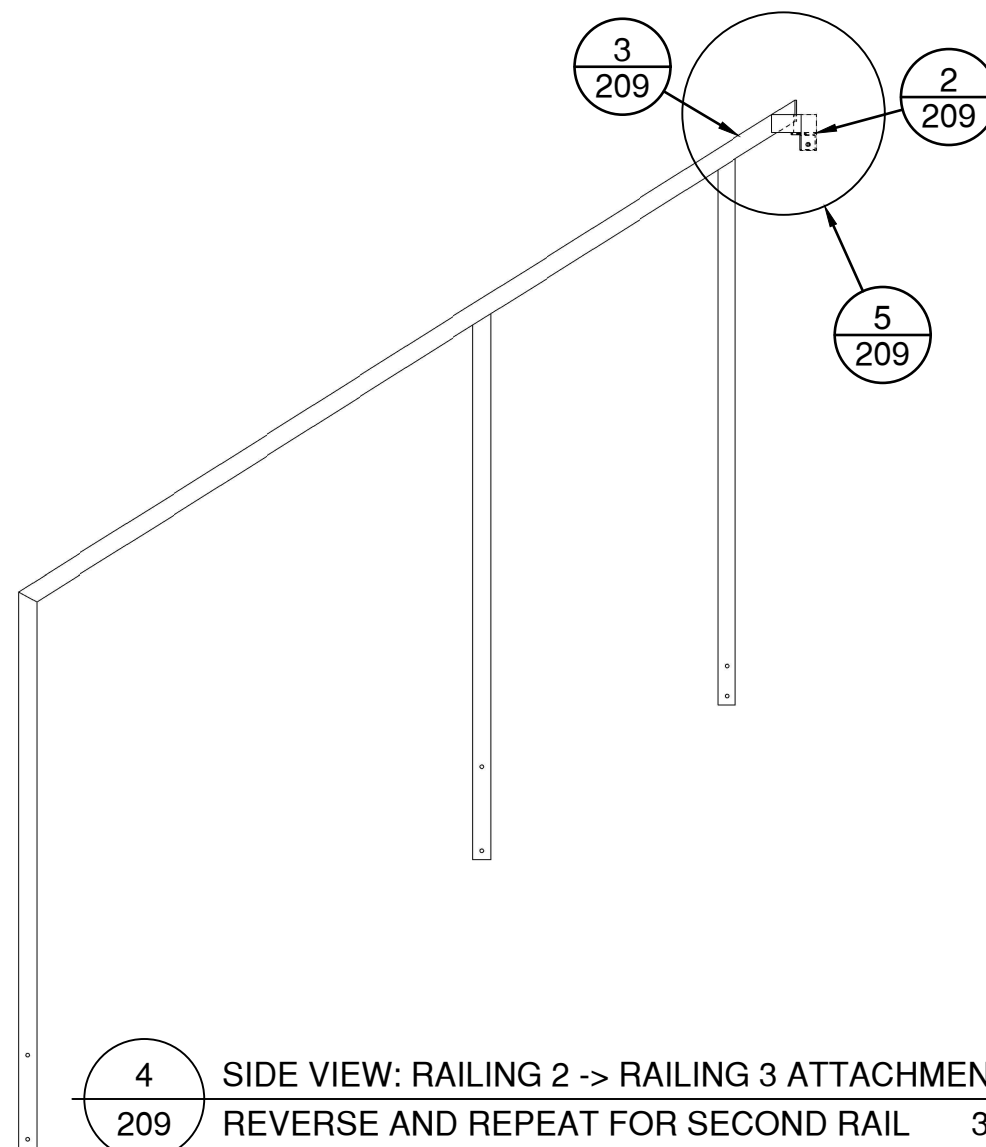
2 SIDE VIEW
209 BUILD 2 (REVERSE AND REPEAT) 3"=1'-0"
1.5" x .065 SQ TUBE
1.5" x .1875 ANGLE TAB
WELD 2 SIDES (FILLETS AND/OR FACES)
GRIND ALL FACE WELDS



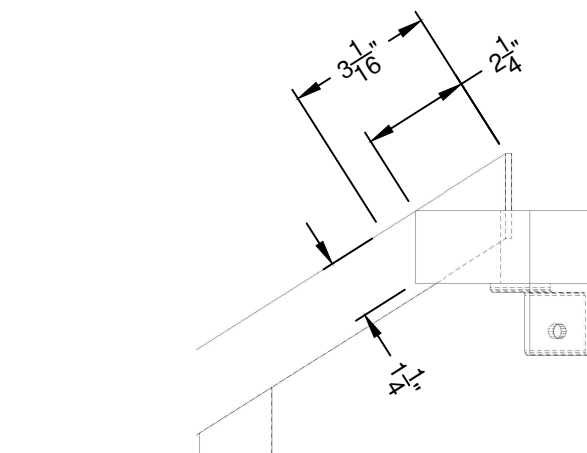
2.1 TOP VIEW
209 1.5" x .065 SQ TUBE 3"=1'-0"
1.5" x .1875 ANGLE TAB



3 SIDE VIEW
209 BUILD 2 (REVERSE AND REPEAT) 3/4"=1'-0"
WELD ALL SIDES
GRIND ALL FACE WELDS
ALL BOLT HOLES ARE 5/16" (CENTERED)

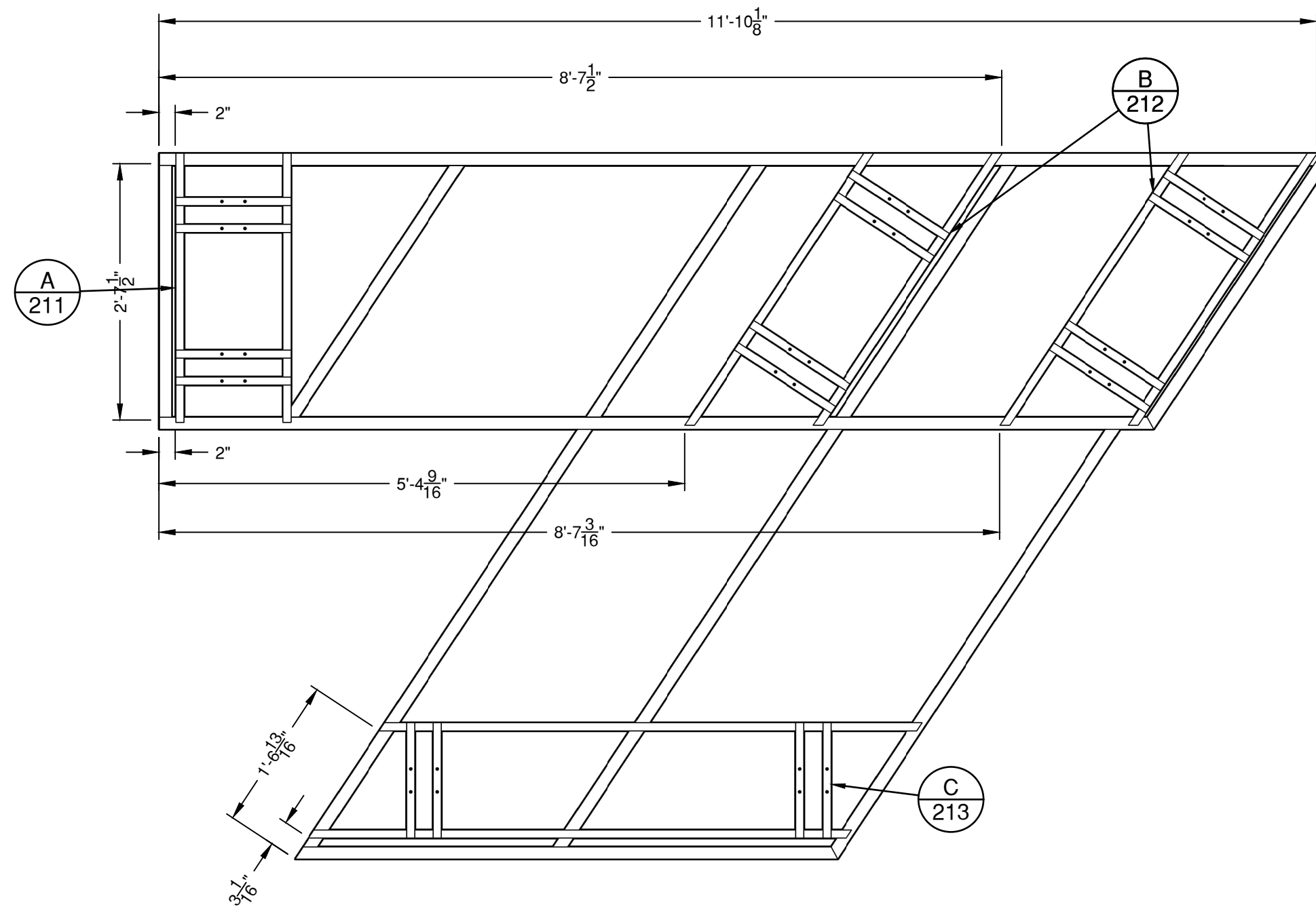


4 SIDE VIEW: RAILING 2 -> RAILING 3 ATTACHMENT
209 REVERSE AND REPEAT FOR SECOND RAIL 3/4"=1'-0"
WELD ALL SIDES
GRIND ALL FACE WELDS



5 SIDE VIEW: DIMENSIONS
209 3"=1'-0"

JOSEPH



- 1 TOP VIEW: CASTER PLATE OVERVIEW & PLACEMENT
 210 CASTERS- STAGEMASTER JR 3/4"=1'-0"
 WELD 2 FILLETS
 PLUG OPEN BOX TUBE ENDS WITH WOOD BLOCKS
 REVERSE AND REPEAT FOR THE SECOND UNIT
 CUT (16) 1/4" MDF @ 3-3/4" x 4-1/2" FOR SPACING PLATES

US STAIR UNIT

CASTER PLATES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/15/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

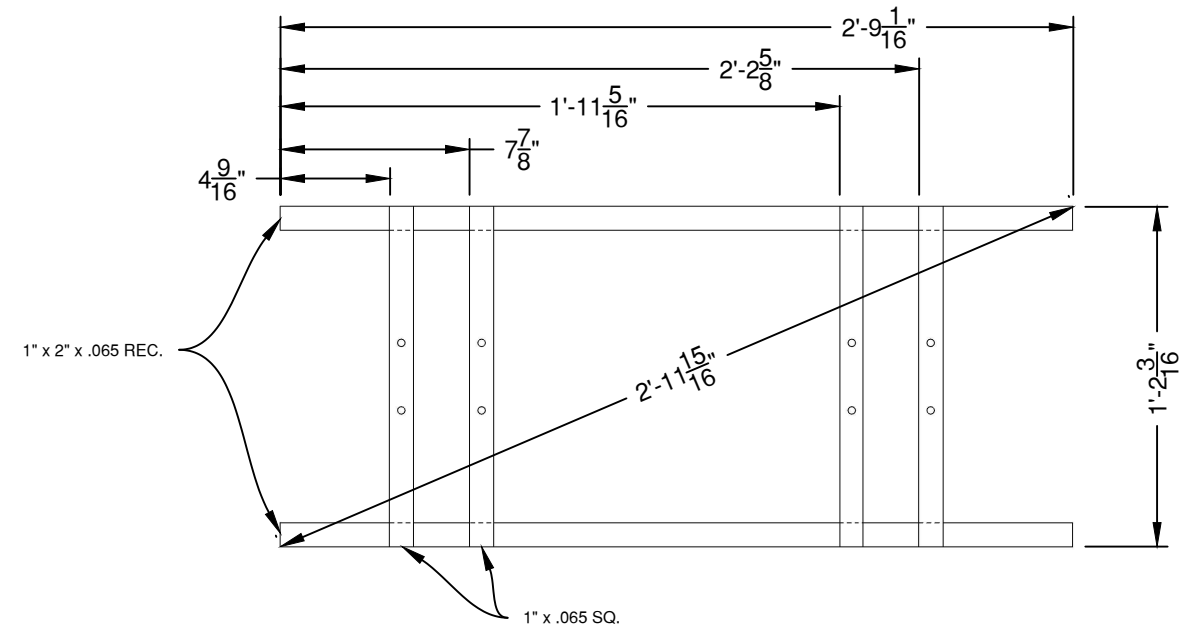
SCRAP USED

MATERIAL	QUANTITY

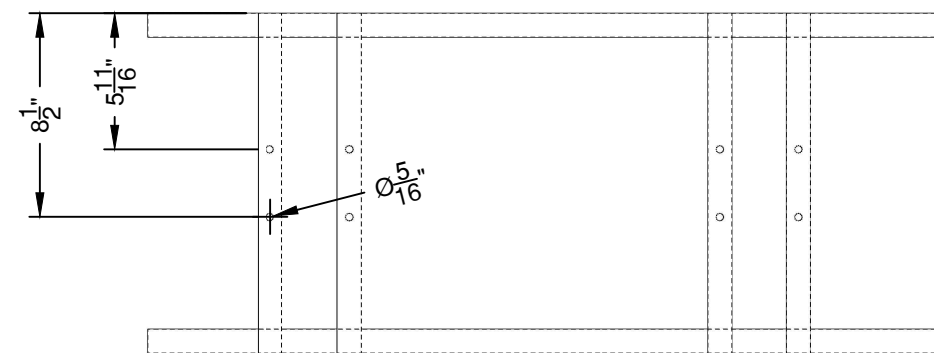
SCALE: AS NOTED

210

JOSEPH



1 TOP VIEW: CASTER PLATE A
211 MATERIALS NOTED IN DRAWING 1-1/2"=1'-0"
WELD 2 FILLETS
PLUG OPEN BOX TUBE ENDS WITH WOOD BLOCKS
BUILD 2



2 TOP VIEW: BOLT HOLES
211 MATERIALS NOTED IN DRAWING 1-1/2"=1'-0"
5/16" BOLT HOLES (CENTERED)



3 FRONT VIEW
211 MATERIALS NOTED IN DRAWING 1-1/2"=1'-0"
5/16" BOLT HOLES (CENTERED)

US STAIR UNIT

CASTER PLATE A

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/15/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

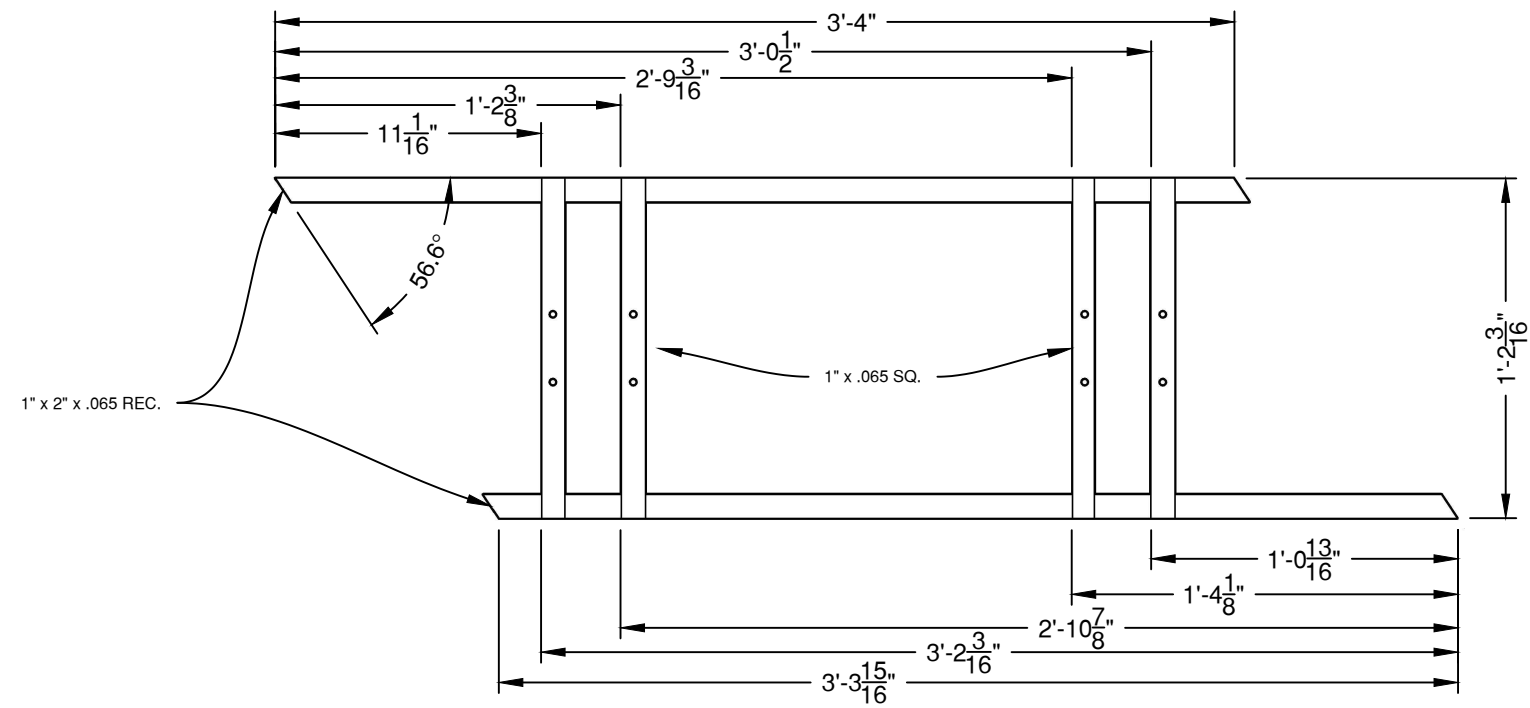
SCRAP USED

MATERIAL	QUANTITY

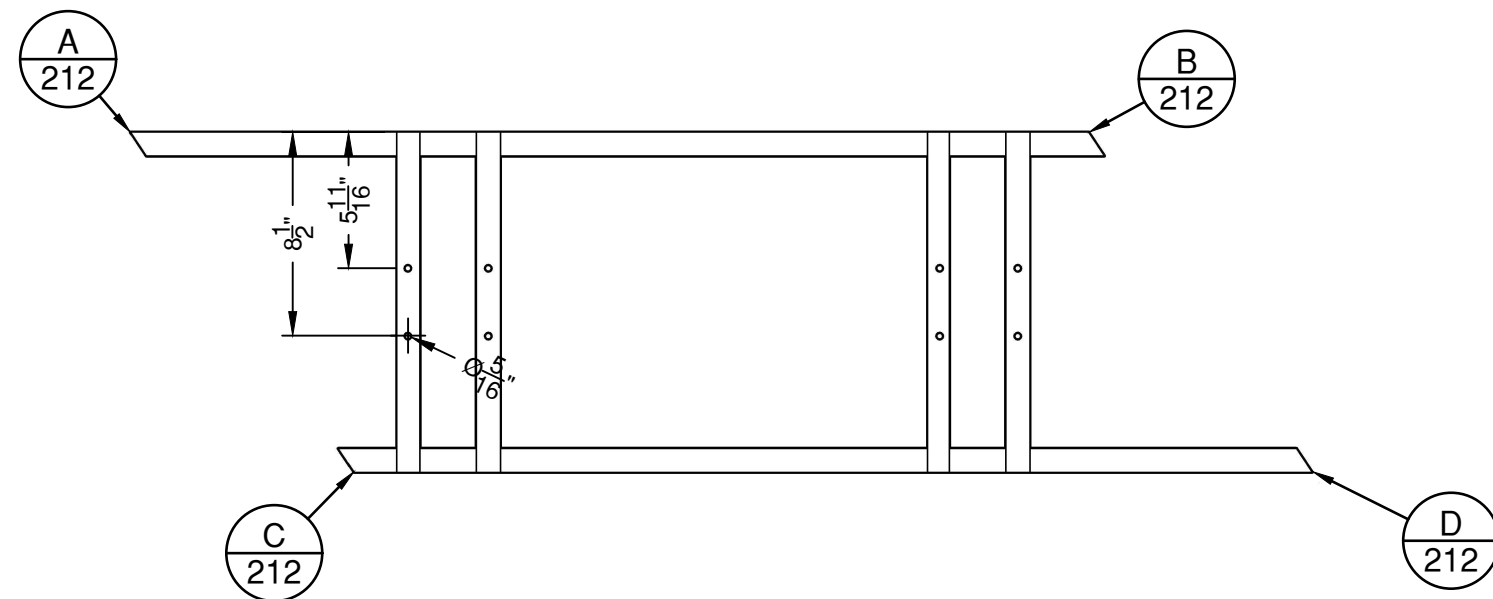
SCALE: AS NOTED

211

JOSEPH



1 TOP VIEW: CASTER PLATE B
212 MATERIALS NOTED IN DRAWING 1-1/2"=1'-0"
WELD 2 FILLETS
PLUG OPEN BOX TUBE ENDS WITH WOOD BLOCKS
NEED (4), BUILD 2 THEN REVERSE AND REPEAT



2 TOP VIEW: BOLT HOLES AND DIAGONALS
212 MATERIALS NOTED IN DRAWING 1-1/2"=1'-0"
5/16" BOLT HOLES (CENTERED)
DIAGONAL A->D= 4'-3-5/16"
DIAGONAL B->C= 2'-9-3/4"

US STAIR UNIT

CASTER PLATE B

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/15/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

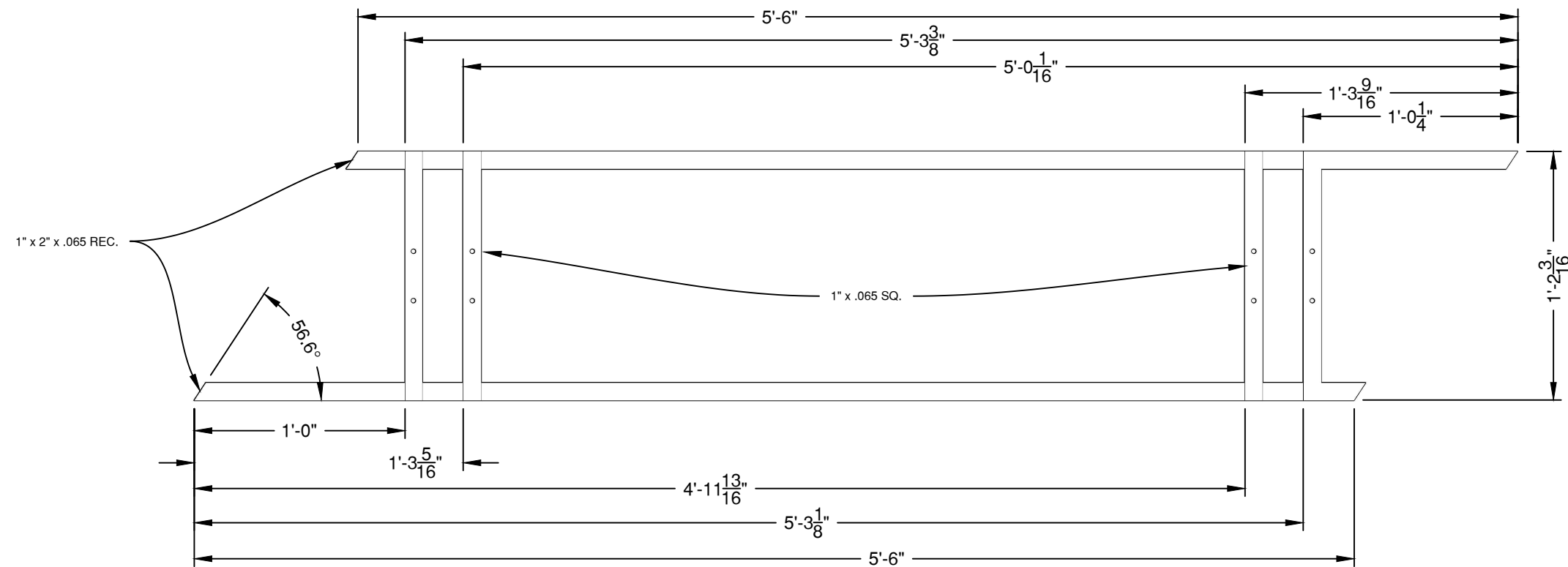
SCRAP USED

MATERIAL	QUANTITY

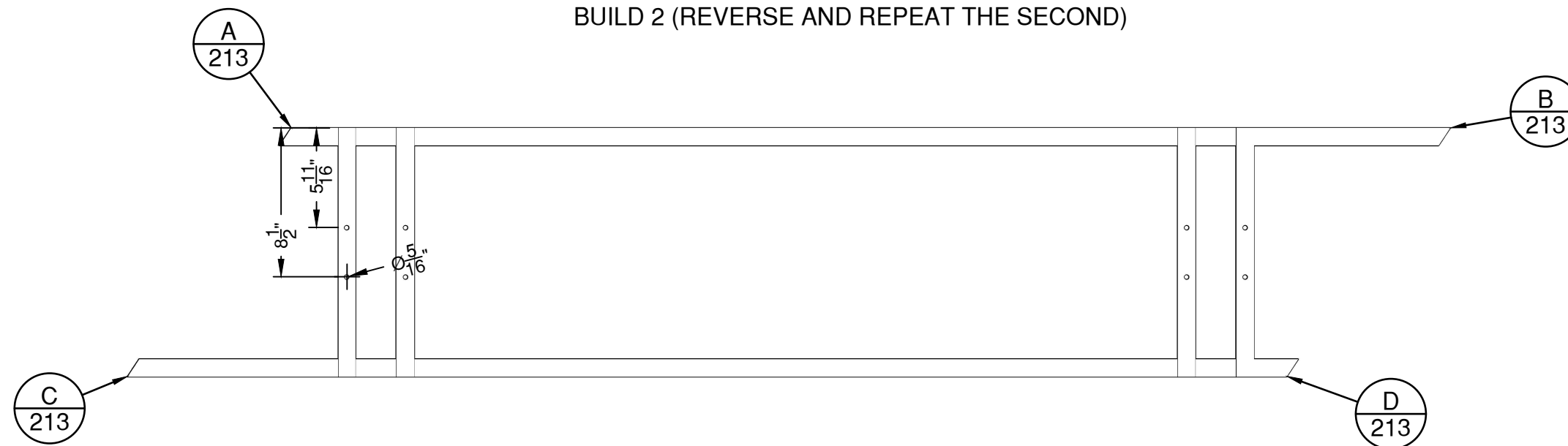
SCALE: AS NOTED

212

JOSEPH



1 TOP VIEW: CASTER PLATE C
213 MATERIALS NOTED IN DRAWING 1-1/2"=1'-0"
WELD 2 FILLETS
PLUG OPEN BOX TUBE ENDS WITH WOOD BLOCKS
BUILD 2 (REVERSE AND REPEAT THE SECOND)



2 TOP VIEW: BOLT HOLES AND DIAGONALS
213 MATERIALS NOTED IN DRAWING 1-1/2"=1'-0"
5/16" BOLT HOLES (CENTERED)
DIAGONAL A->D= 4'-10-7/16"
DIAGONAL B->C= 6'-4-11/16"

US STAIR UNIT

CASTER PLATE C

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	05/15/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

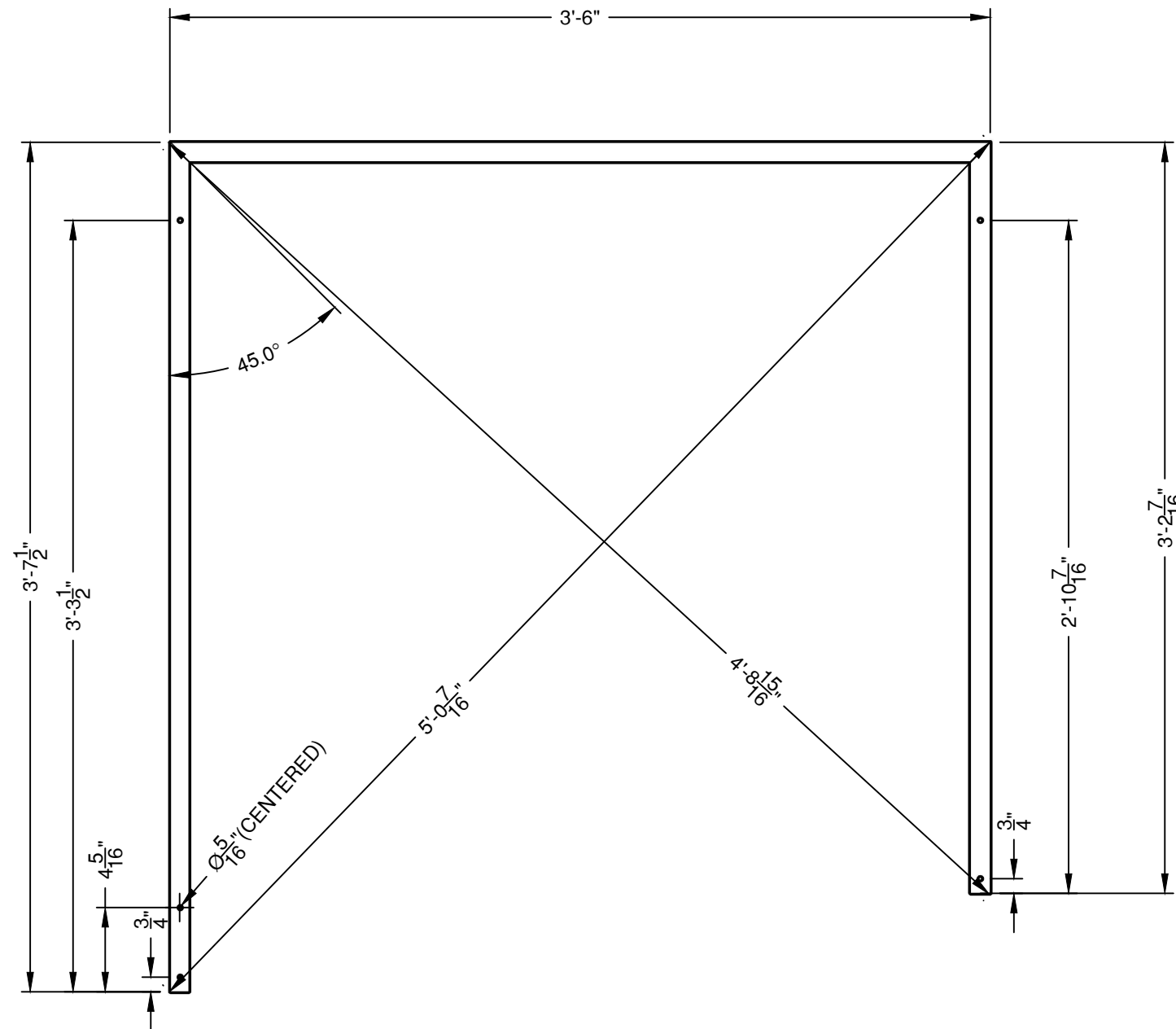
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

213

JOSEPH



1 FRONT VIEW
214 BUILD 2
1" x .065" SQ TUBE CONST
WELD 2 SIDES (FILLET AND/OR FACES)
GRIND ALL FACE WELDS
1 1/2" = 1'-0"

US STAIR UNIT

DS RAILING

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	TKF/MDB
DATE:	06/12/2019
INVENTORY CODE:	JO-USS
FILE:	JO-200-USS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

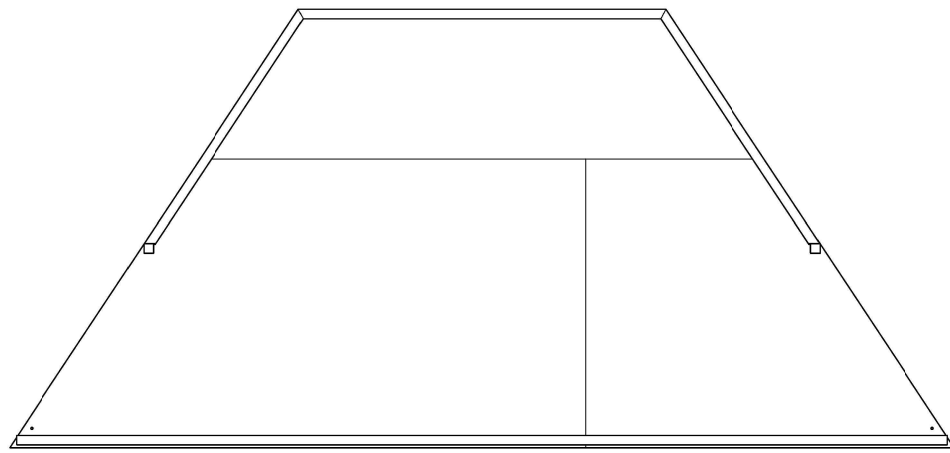
SCRAP USED

MATERIAL	QUANTITY

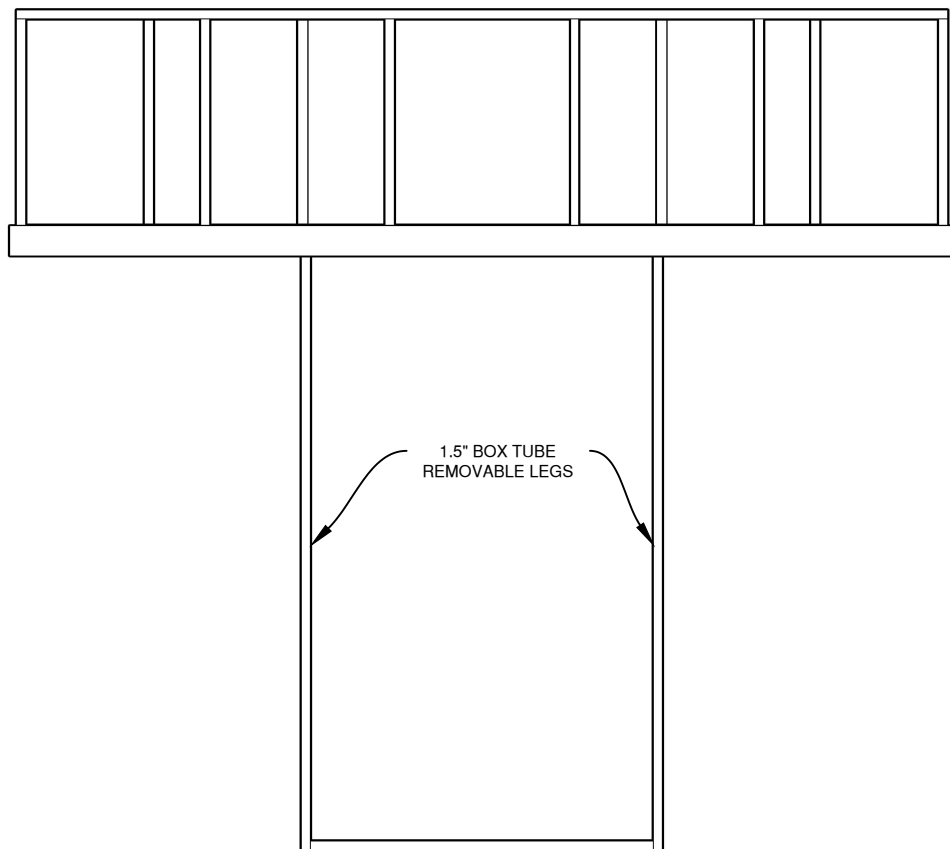
SCALE: AS NOTED

214

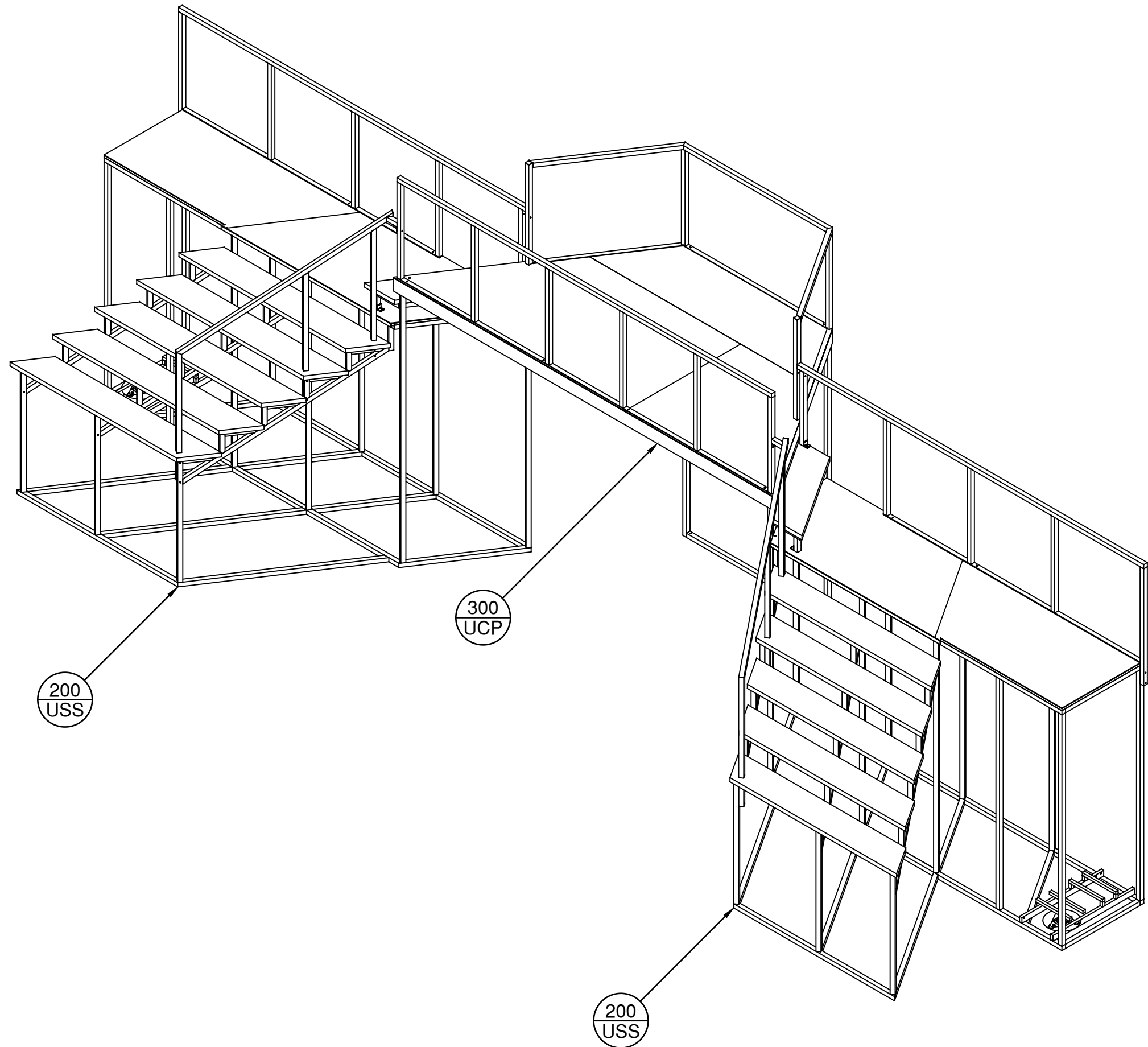
JOSEPH



1 TOP VIEW: UPSTAGE CENTER PLATFORM
300 PLATFORM BOLTS TO JO-200 3/8"=1'-0"



2 FRONT VIEW: UPSTAGE CENTER PLATFORM
300 WILL USE LIGHT BRIDGE PLACE ON JO-200 USS 3/8"=1'-0"
UPSTAGE LEGS ARE REMOVEABLE FOR REP
LEGS MUST BE INSTALLED FOR STORAGE



3 UPSTAGE CENTER PLATFORM OVERVIEW (ISO)
300 CENTER PLATFORM IS 2X4 REC & 1.5" SQ TUBE CONSTRUCTION NTS
LARGE SPAN REQUIRES WELDING OF ALL SIDES UNLESS NOTED
3/4" PLY LID, 1/2" SANDE-PLY FACING, 3/16" MASO TOP
1.5" BOX TUBE RAILING W/ 1.5"X1/8" FLAT BAR BOTTOMS

US C PLATFORM OVERVIEW

DIRECTOR:	BRAD CARROLL
DESIGNER:	JASON LAJKA
TECH:	THOMAS FAGERHOLM
DWG BY:	TKF & MDE DATE 5/7/19
INVENTORY CODE:	JO-UCP
FILE:	JO-300-UCP.dwg

BUILD TIME	
DATE	HOURS (Closest 1/4 Hour)

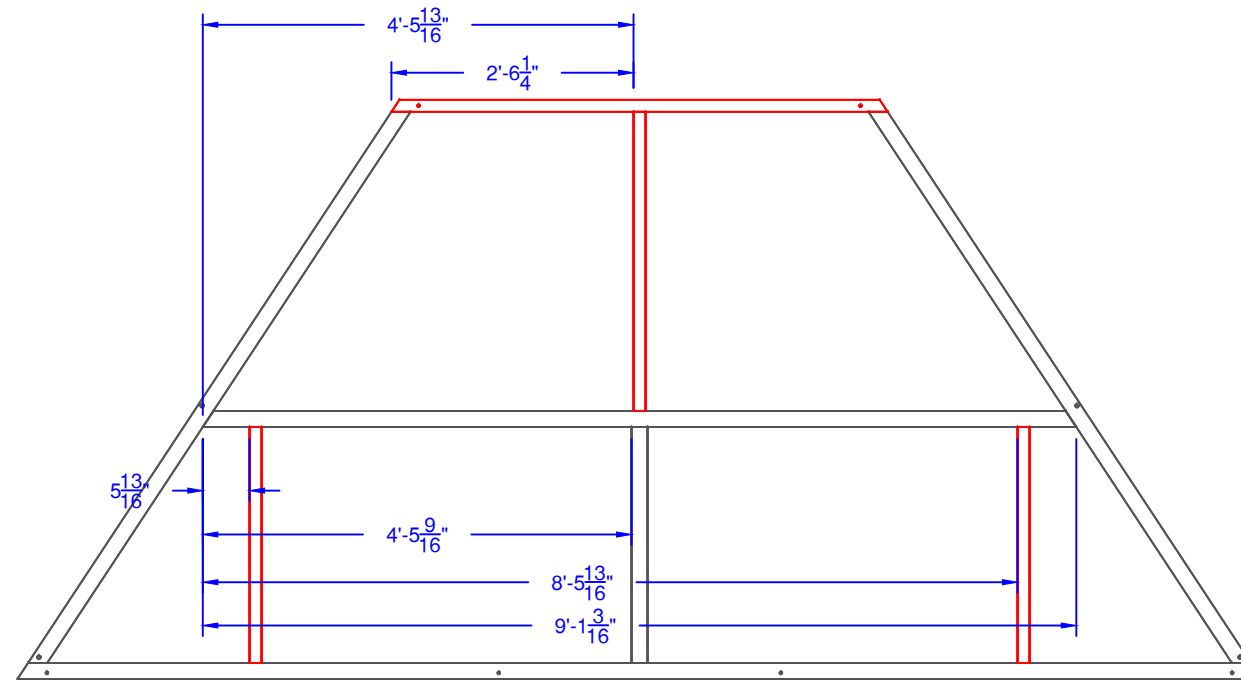
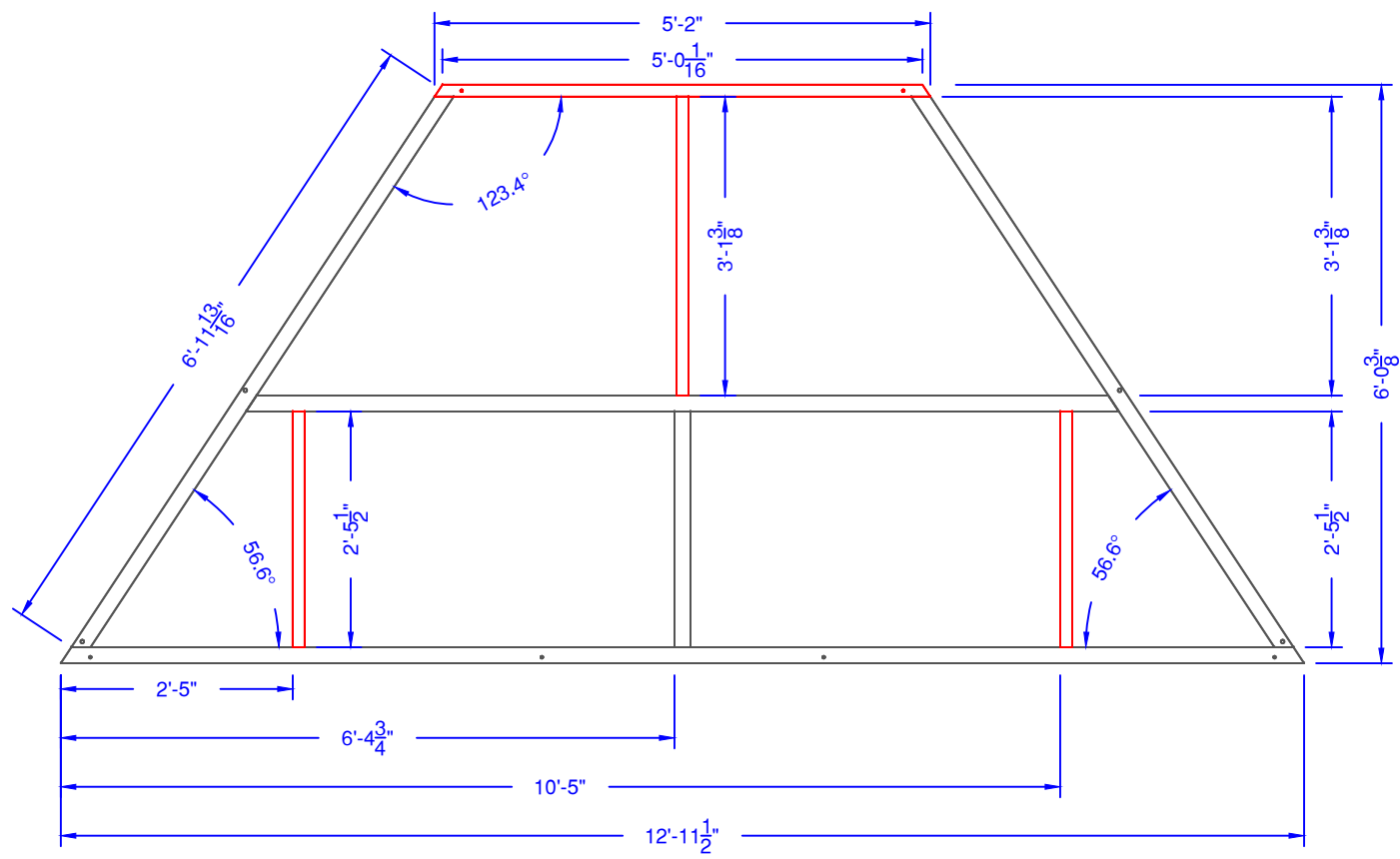
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

SCALE: NTS

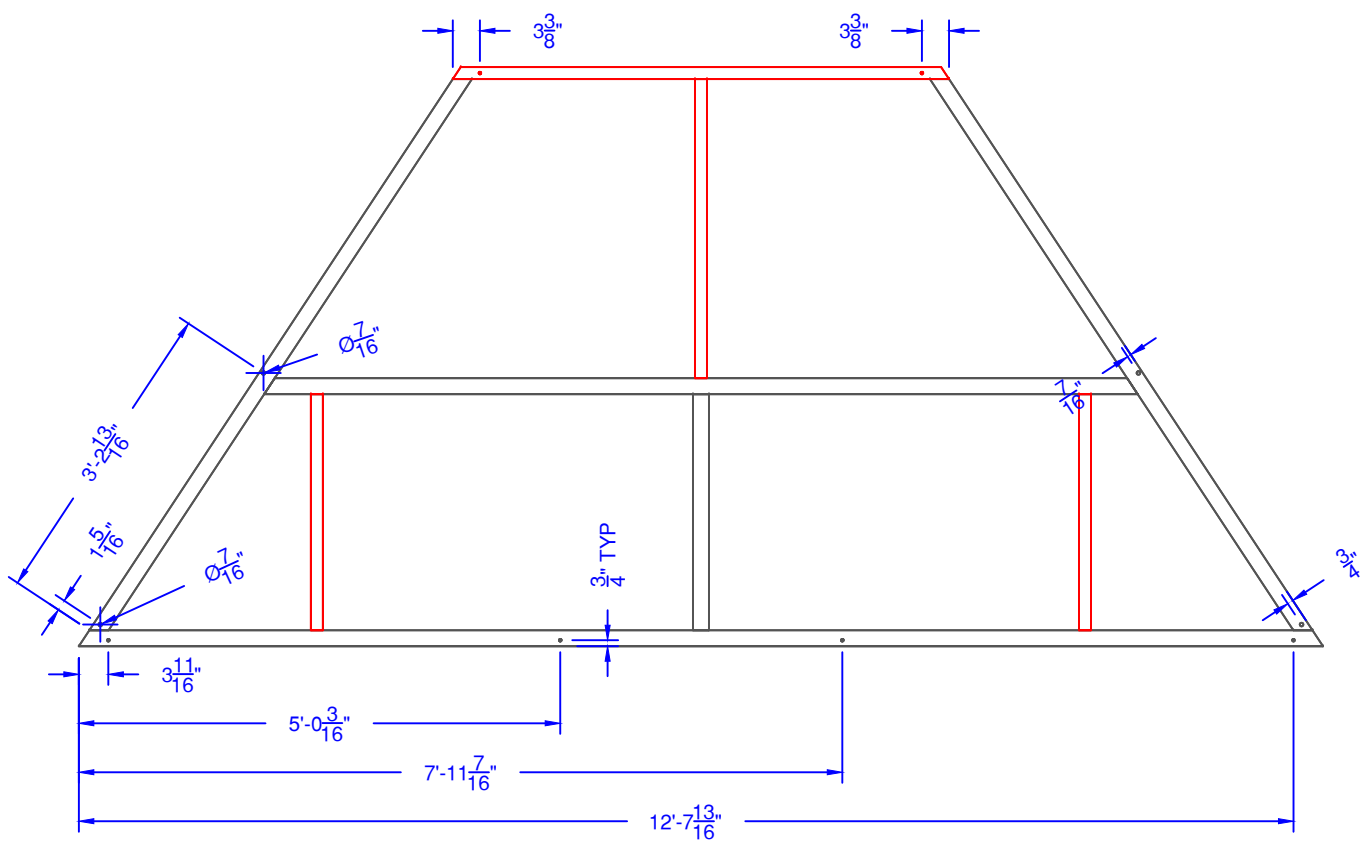
300

JOSEPH

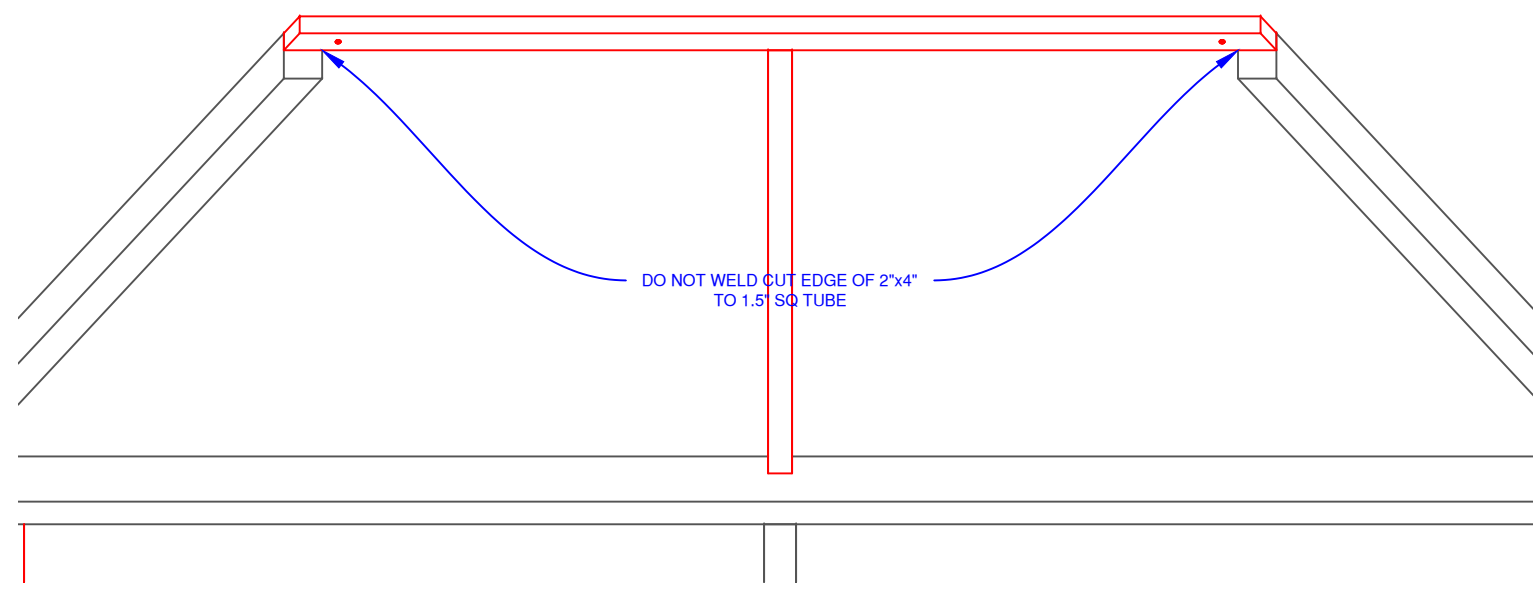


1 TOP VIEW: PLATFORM FRAMING
 301 2X4"x.125 (11GA) REC TUBE & 1.5"x.065 SQ TUBE (RED) 1/2"=1'-0"
 WELD ALL SIDES
 GRID TOP, BOTTOM, AND OUTSIDES

2 TOP VIEW: PLATFORM FRAMING CONT.
 301 BOTH DIAGONALS: 10'-9 13/16" 1/2"=1'-0"



3 TOP VIEW: PLATFORM HOLE LOCATIONS
 301 2"X4"x.125 (11GA) REC TUBE & 1.5"x.065 SQ TUBE (RED) 1/2"=1'-0"
 HOLES IN BOTTOM AND TOP RAIL ARE 5/16" DIAMETER
 HOLES IN SIDES ARE 7/16" DIAMETER
 HOLES IN TOP RAIL ARE CENTERED (OTHERS ARE NOT)



4 BOTTOM ANGLE VIEW: PLATFORM
 301 WELD TOP AND SIDES
 REP LEGS BOLT FLUSH TO INSIDE EDGE OF LEADER LINES AND 1.5" BOX NTS

US C PLATFORM
 PLATFORM FRAME

DIRECTOR:	BRAD CARROLL
DESIGNER:	JASON LAJKA
TECH:	THOMAS FAGERHOLM
DWG BY:	TKF & MDR DATE 5/7/19
INVENTORY CODE:	JO-UCP
FILE:	JO-300-UCP.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

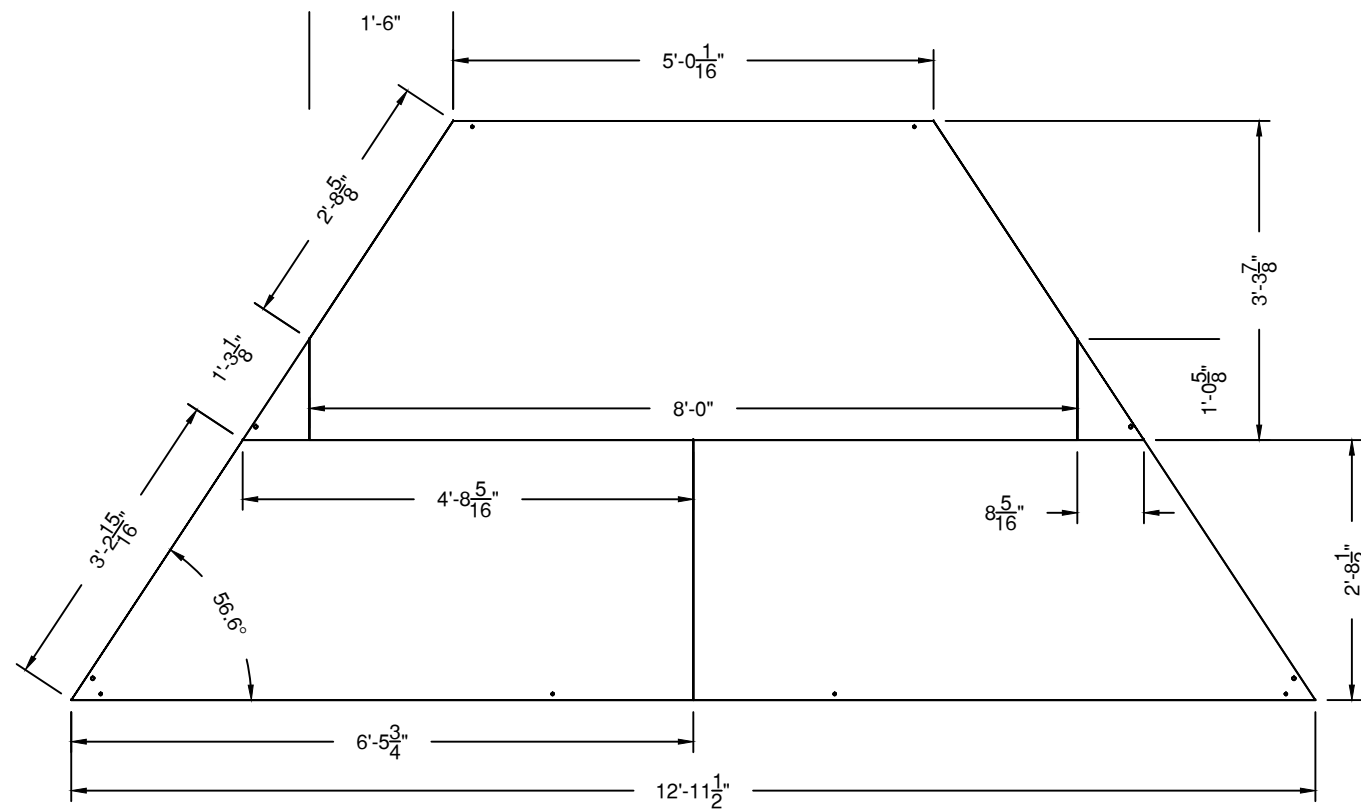
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

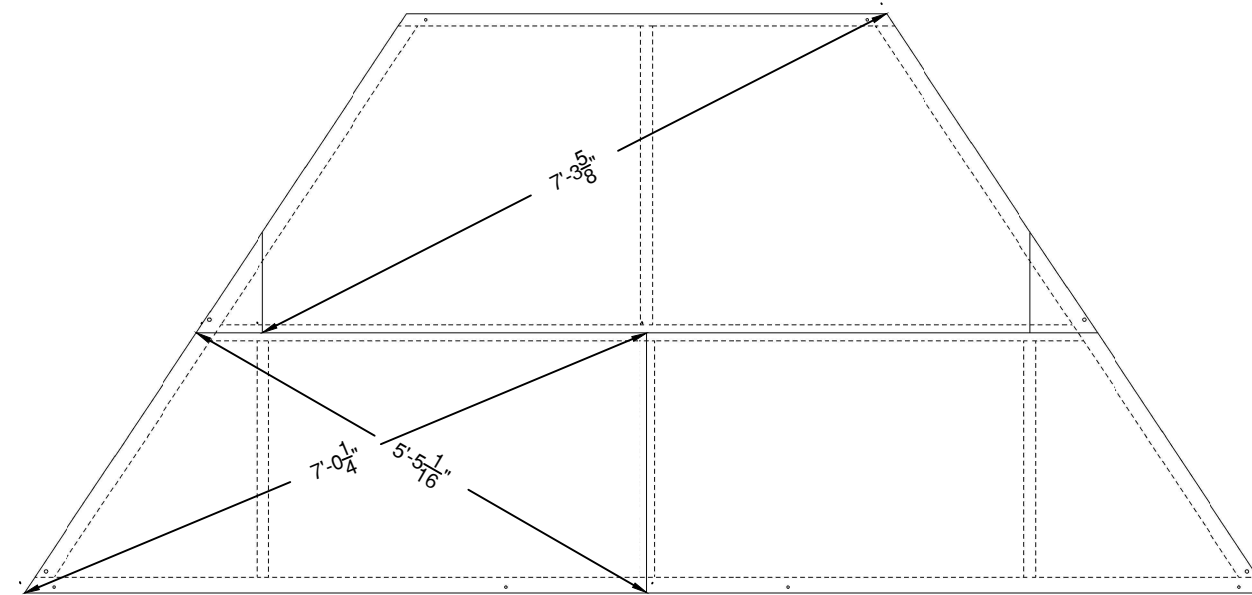
SCALE: 1/2"=1'-0"

301

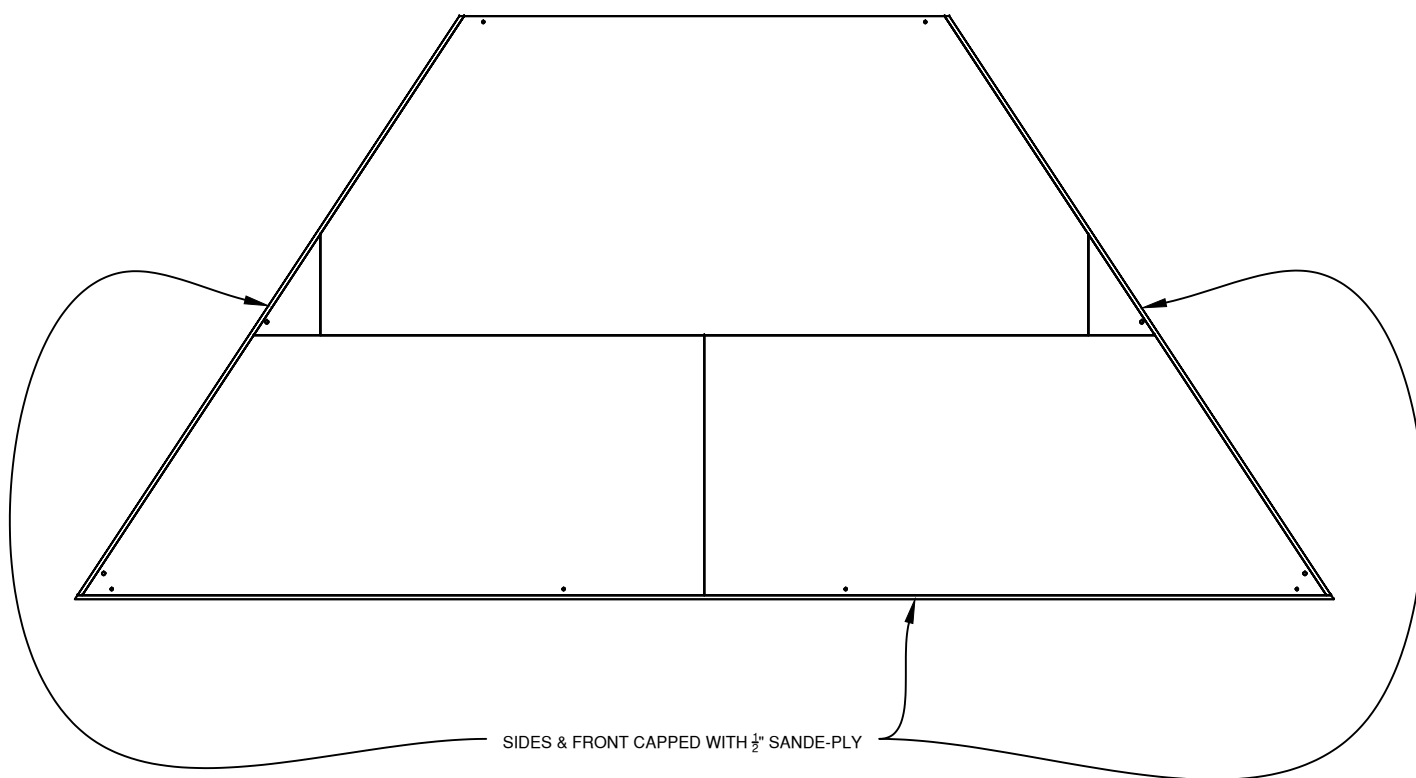
JOSEPH



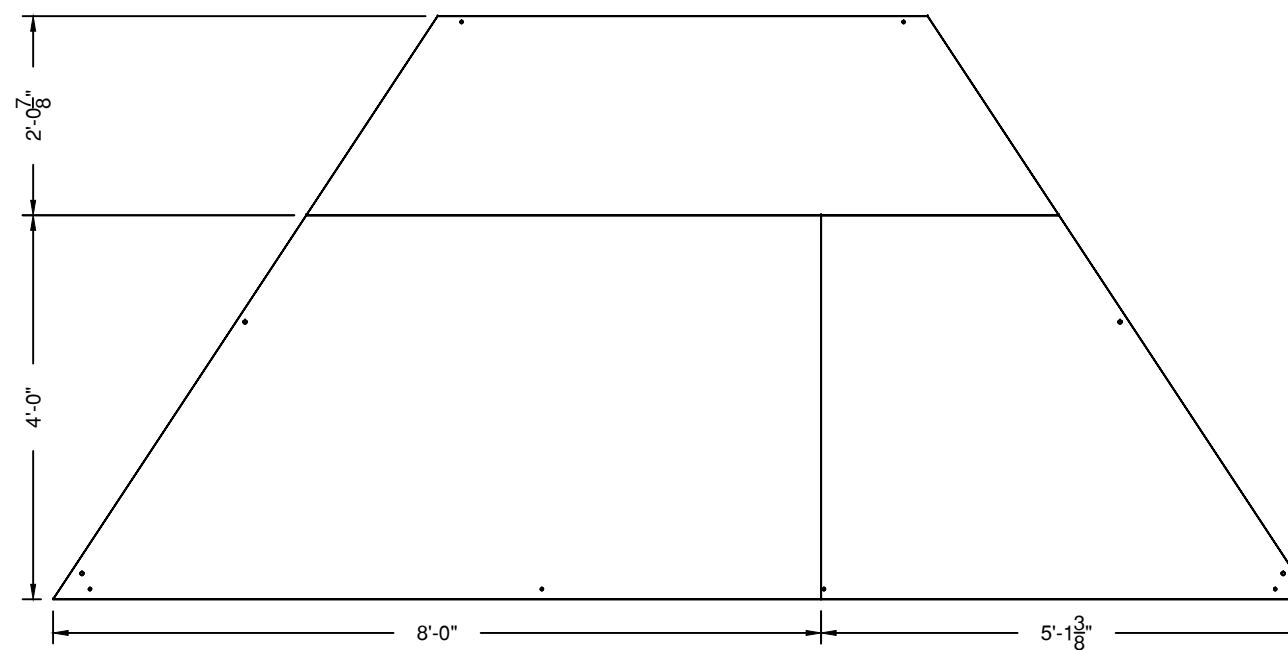
1 TOP VIEW: 3/4" CDX PLY LAYOUT
302 PLATFORM BOLTS TO JO-200 UPSTAGE STAIRS & PLATFORMS 1/2=1'-0"
 HOLES CAN BE CHASED THROUGH ONCE ATTACHED TO STEEL
 ATTACH TO STEEL WITH TEK SCREWS
 PRE-DRILL SCREW HOLES IN 2"x4" REC TUBE



2 TOP VIEW: 3/4" CDX PLY LAYOUT OVER FRAME
302 PLY IS FLUSH TO FRAME EDGE 1/2=1'-0"



3 TOP VIEW: FACING
302 1/2" SANDE-PLY FACING (FACING CAPS PLY LID) 1/2=1'-0"
 PRE-DRILL THROUGH STEEL AND TEK SCREW
 MITER CORNERS
 JC OVER SCREWS



4 TOP VIEW: MASONITE SKIN
302 3/16" MASO SKIN (MASO CAPS 1/2" PLY FACING) 1/2=1'-0"
 LAY FIRST SHEET FLUSH TO DOWNSTAGE EDGE AND CORNER
 USE FLUSH TRIM ROUTER FOR ANGLED EDGE
 REPEAT FOR OTHER PIECES
 3/4" NCS MASO TO PLY

US C PLATFORM PLY, FACING, & SKIN

DIRECTOR:	BRAD CARROLL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	THOMAS FAGERHOLM
DWG BY:	TKF
DATE:	5/8/19
INVENTORY CODE:	JO-UCP
FILE:	JO-300-UCP.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

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

302

JOSEPH

US C PLATFORM

REP LEGS

DIRECTOR:	BRAD CARROLL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	THOMAS FAGERHOLM
DWG BY:	TKF
DATE:	5/8/19
INVENTORY CODE:	JO-UCP
FILE:	JO-300-UCP.dwg

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

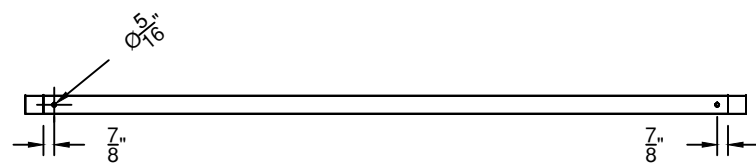
MATERIAL	QUANTITY

SCRAP USED

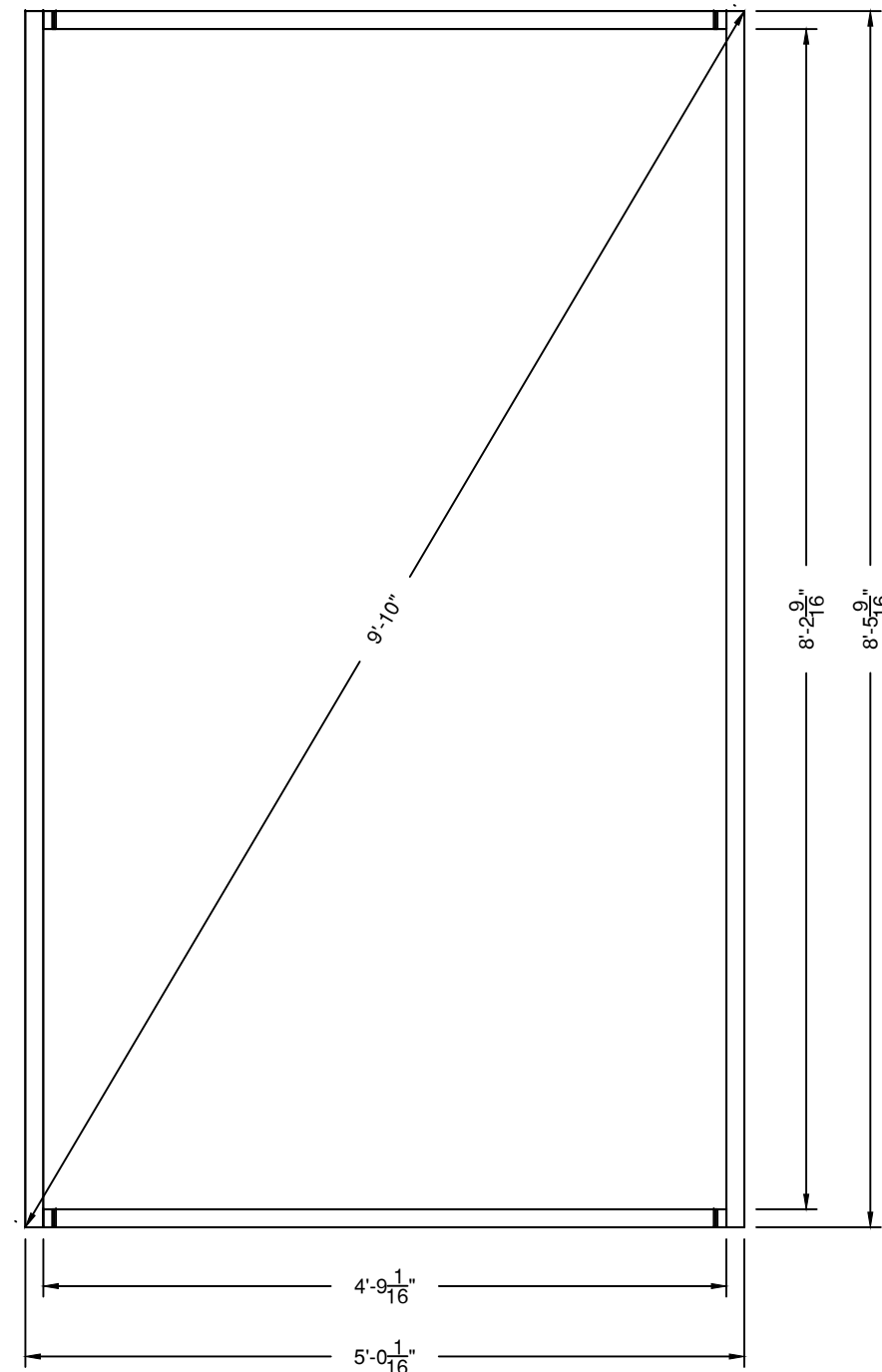
MATERIAL	QUANTITY

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

303

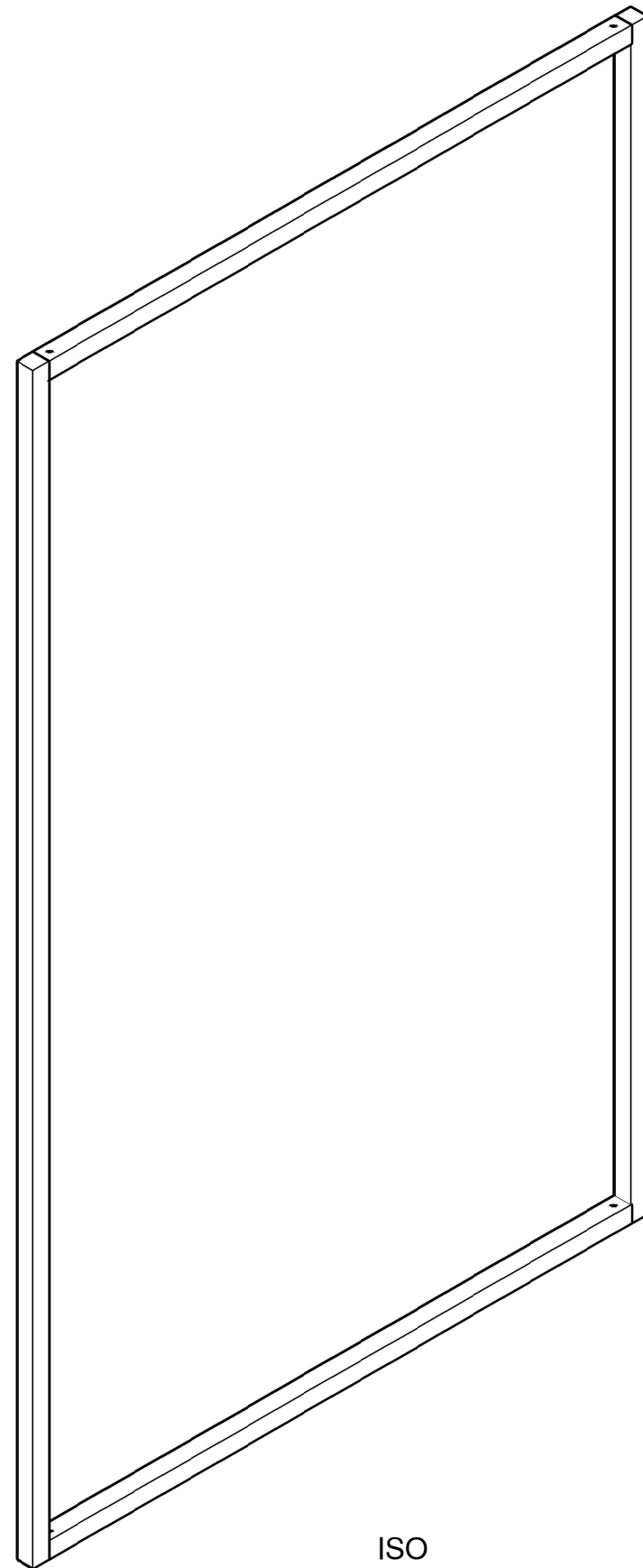


TOP



SIDE

3/4=1'-0"



ISO

1

FRONT VIEW: REP LEGS

303

LEGS BOLT TO BOTTOM OF UPSTAGE EDGE OF PLATFORM

1.5"x.065 SQ TUBE FRAME

WELD 3 SIDES

GRIND ALL FACES (NO NEED TO GRIND FILLETS)

HOLES IN TOP AND BOTTOM ARE SYMMETRICAL AND CENTERED IN STEEL

JOSEPH

US C PLATFORM
DOWNSTAGE RAILING

DIRECTOR:	BRAD CARROLL
DESIGNER:	JASON LAJKA
TECH:	THOMAS FAGERHOLM
DWG BY:	TKF
DATE:	5/8/19
INVENTORY CODE:	JO-UCP
FILE:	JO-300-UCP.dwg

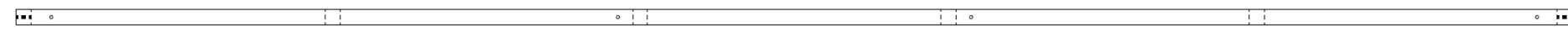
BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED	
MATERIAL	QUANTITY

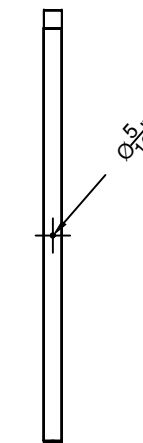
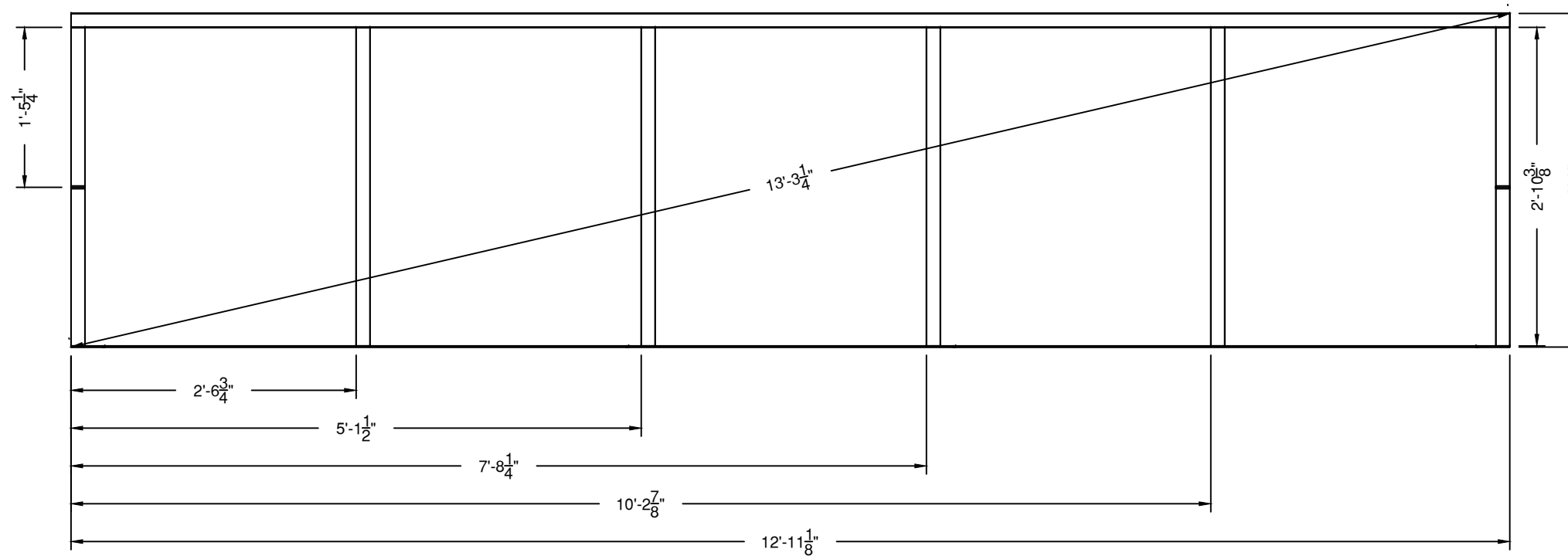
SCRAP USED	
MATERIAL	QUANTITY

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

304



TOP

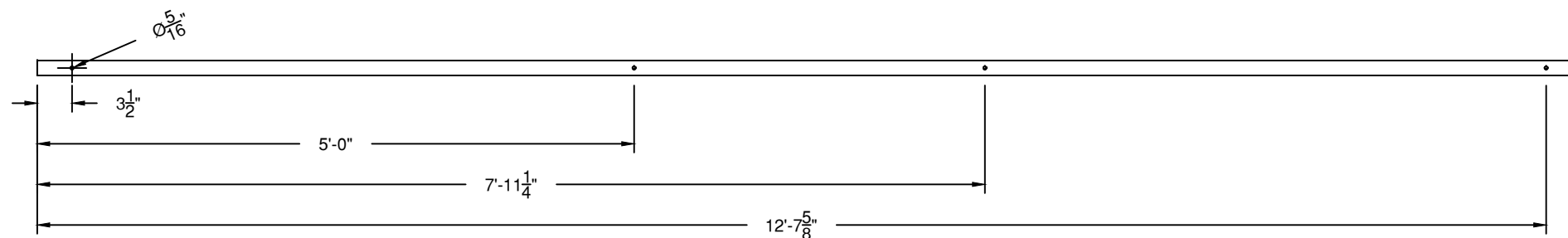


1 FRONT VIEW: DOWNSTAGE RAILING

304 1.5"x.065 SQ TUBE CONST.
BOTTOM PLATE IS 1.5"x1/8" FLAT BAR
WELD FILLETS (AND FACES OF 1.5" BOX)
GRIND & FLAP DISC FACES (ANYWHERE AN ACTORS HAND MIGHT TOUCH)

SIDE

3/4=1'-0"

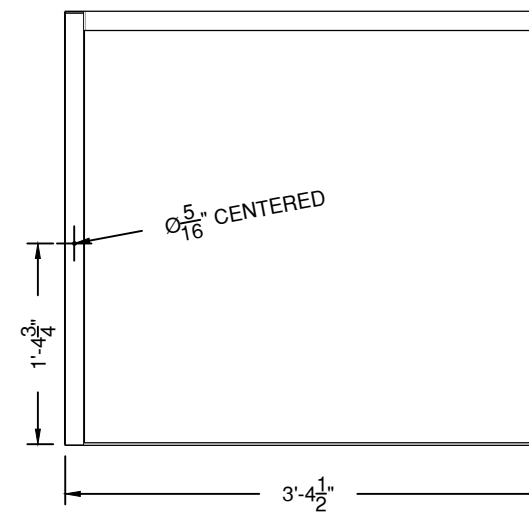
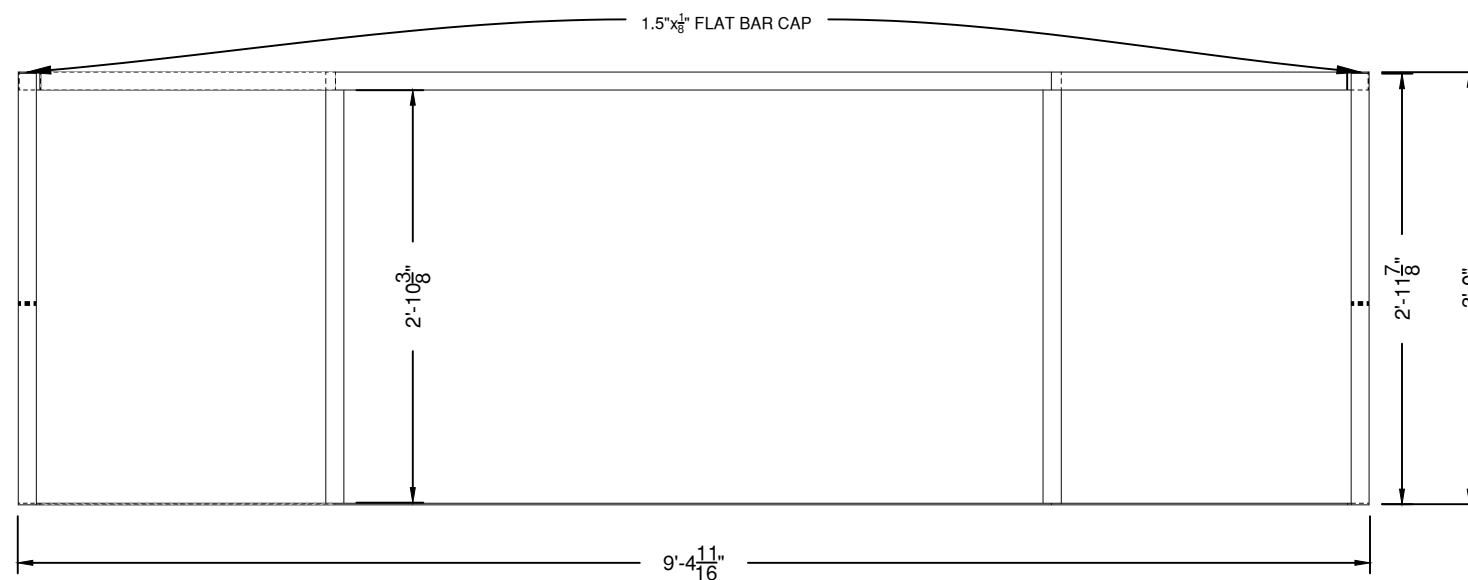
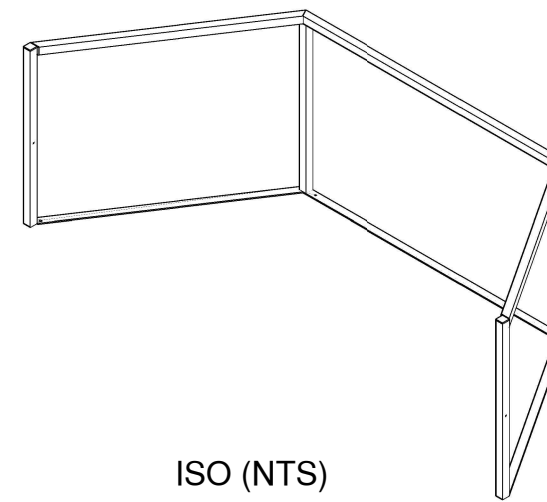
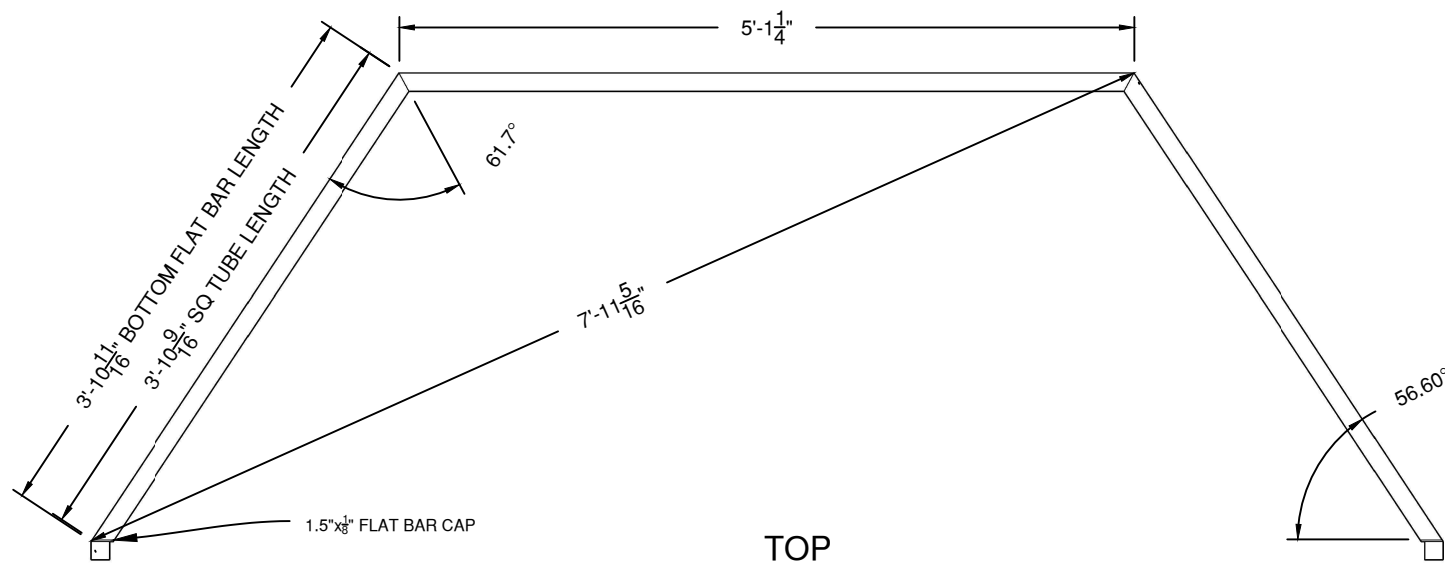


2 TOP VIEW: BOTTOM PLATE

304 1.5"x1/8" FLAT BAR
HOLES ARE CENTERED

3/4=1'-0"

JOSEPH



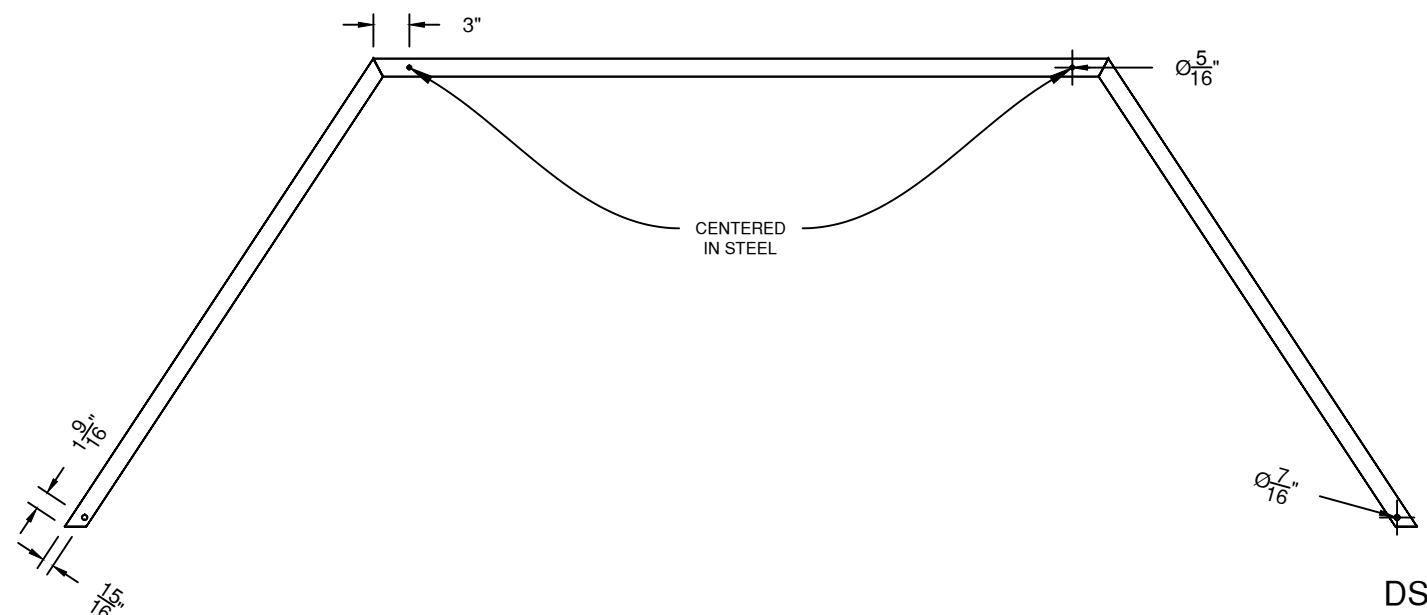
1 FRONT VIEW: DOWNSTAGE RAILING

SIDE

305 1.5"x.065 SQ TUBE CONST.

3/4=1'-0"

BOTTOM PLATE IS 1.5"x1/8" FLAT BAR
WELD FILLETS (AND FACES OF 1.5" BOX)
GRIND & FLAP DISC FACES (ANYWHERE AN ACTORS HAND MIGHT TOUCH)



2 TOP VIEW: BOTTOM PLATE

305 1.5"x1/8" FLAT BAR

3/4=1'-0"

DS HOLES ARE SYMMETRICAL
US HOLES ARE SYMMETRICAL

US C PLATFORM

UPSTAGE RAILING

DIRECTOR:	BRAD CARROLL
DESIGNER:	JASON LAJKA
TECH:	THOMAS FAGERHOLM
DIRECTOR:	THOMAS FAGERHOLM
DWG BY:	TKF
DATE:	5/8/19
INVENTORY CODE:	JO-UCP
FILE:	JO-300-UCP.dwg

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

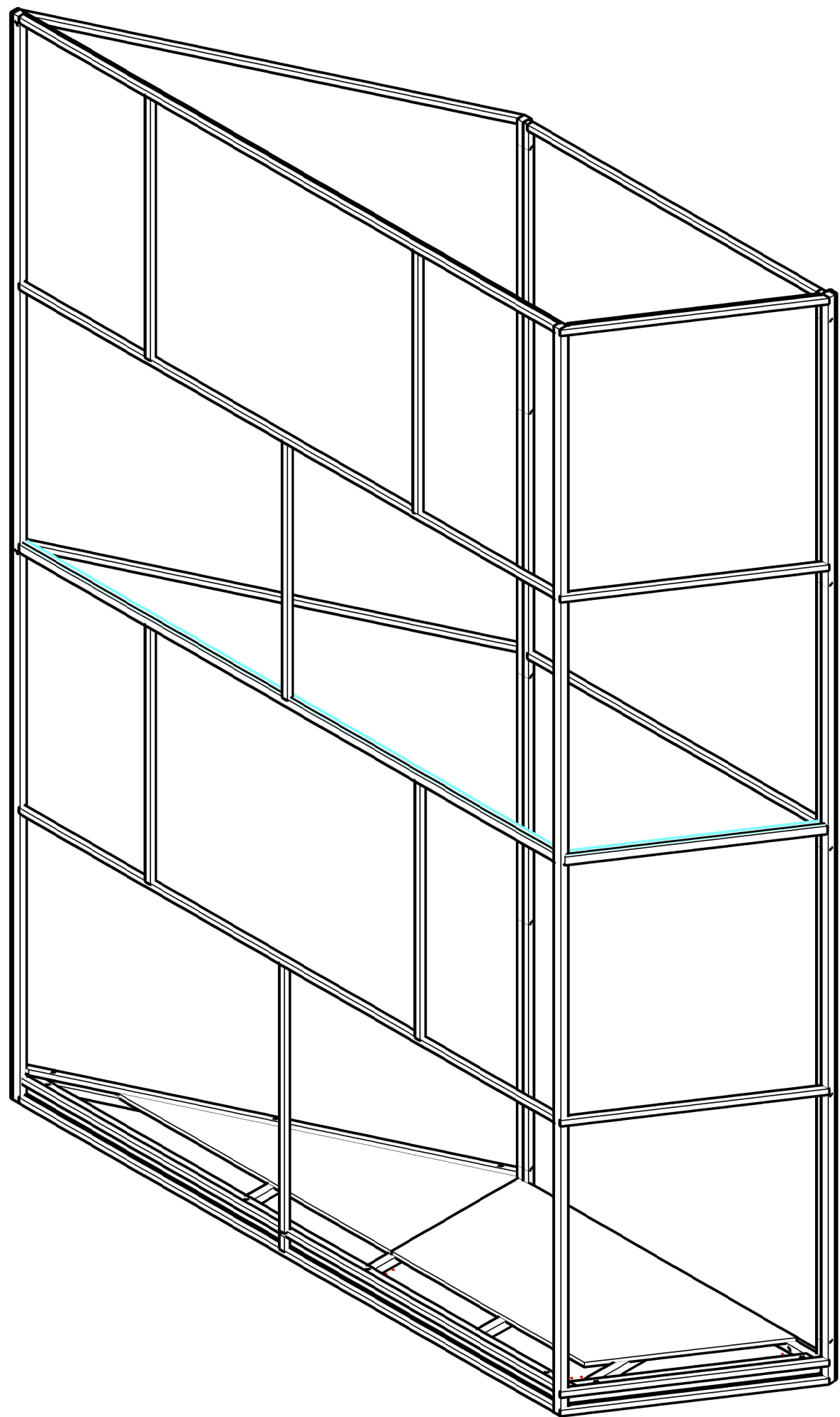
MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

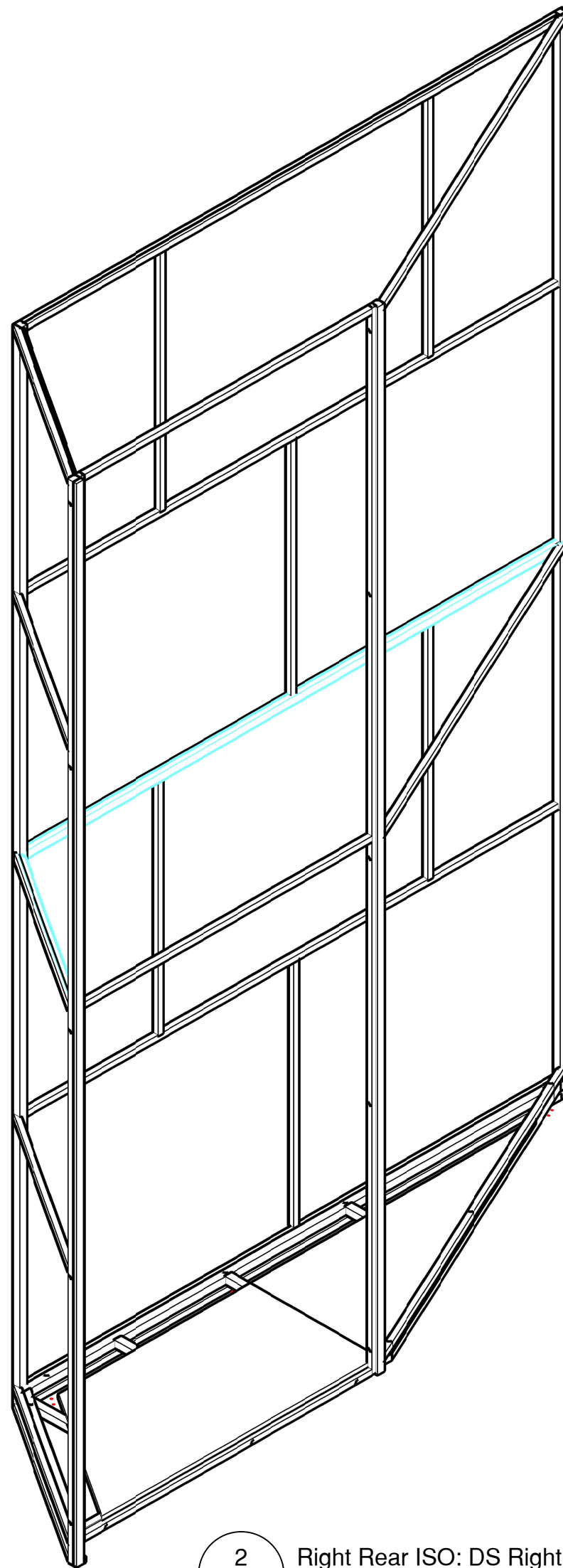
SCALE: 3/4"=1'-0"

305



1 Lower Right ISO: DS Right Light Box
 400 R&R const. to build DS Left Light Box

NTS



2 Right Rear ISO: DS Right Light Box
 400 R&R const. to build DS Left Light Box

NTS

NOTES:

- UNIT BROKEN INTO 4 PARTS
- DOWN STAGE WALL
- UP STAGE WALL
- OFF STAGE WALL/BRACES
- WAGON

JOSEPH

DS Light Boxes

OVERVIEW

DIRECTOR:	BRAD CARROLL
DESIGNER:	Jason Lajka
TECH. DIRECTOR:	Thomas Fagerholm
DWG BY:	MDB & TKJ
DATE:	4/8/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME

DATE	HOURS (Closest to Hour)

MATERIALS USED

MATERIAL	QUANTITY

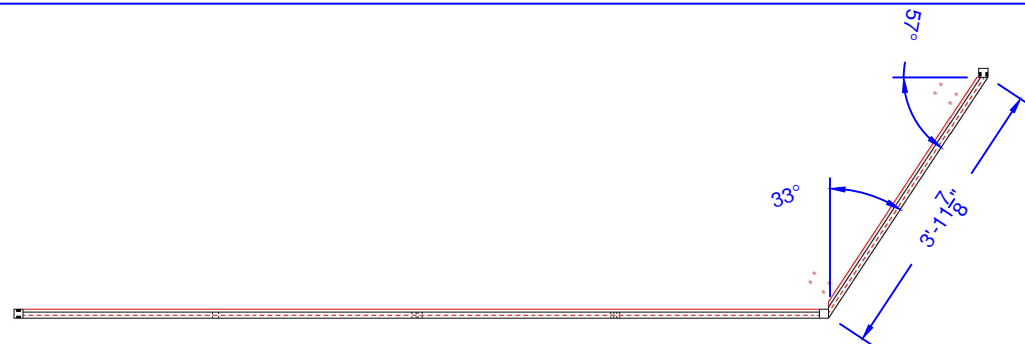
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

400

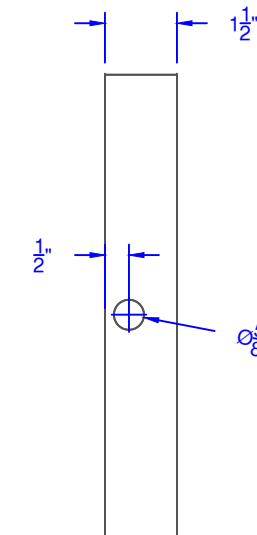
JOSEPH



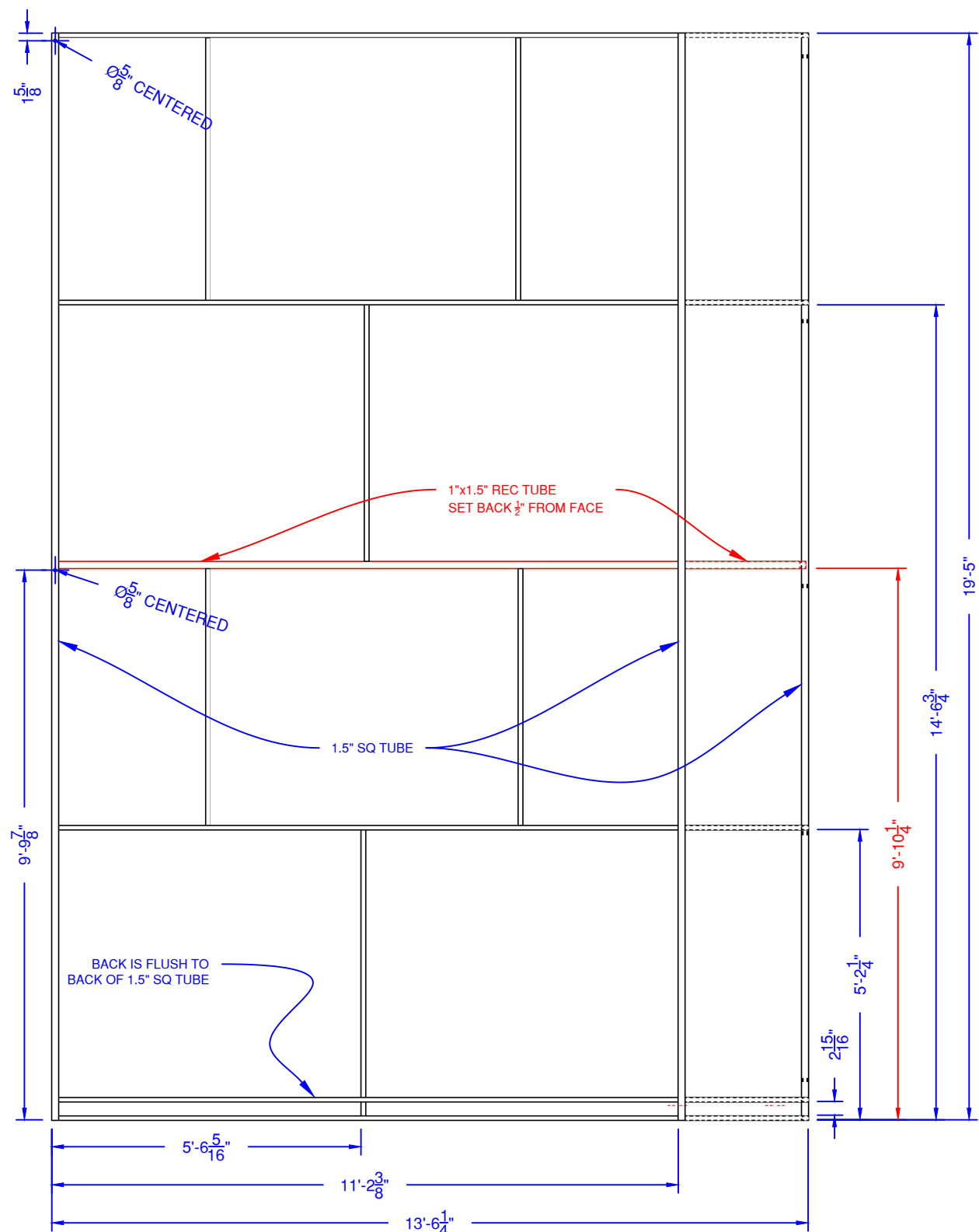
TOP



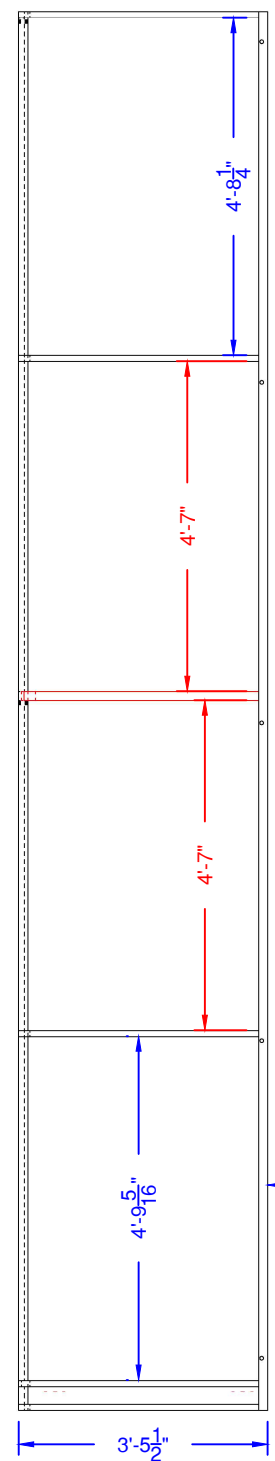
TOP VIEW: 1.5" SQ TUBE & 1"x1.5" REC TUBE



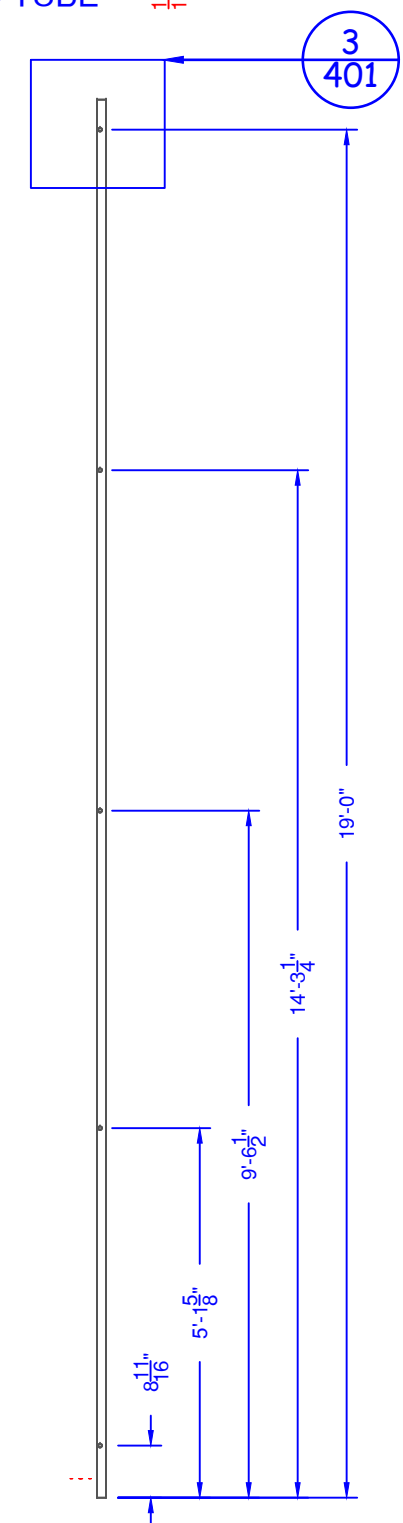
3
401
DETAIL
HORIZONTAL HOLE PLACEMENT 3"=1'-0"



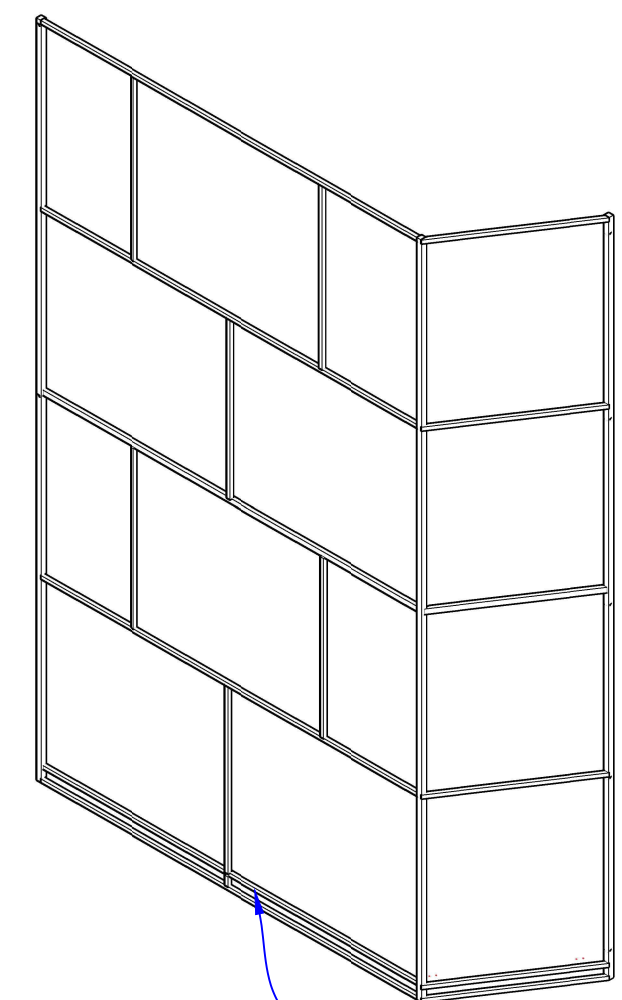
1
401
ORTHOGRAPHIC: DSR LIGHT BOX FRONT FRAME
 1.5"x.065 SQ TUBE WHERE NOTED
 1"x1.5" REC TUBE WHERE NOTED
 1" SQ TUBE CONST. UNLESS NOTED
 BULD 2 (2ND IS R&R)
 WELD 2 SIDES (FILLETs AND/OR FACES)



SIDE
3/8"=1'-0"



2
401
FRONT VIEW VERTICAL FRAMING
 VERTICAL HOLE PLACEMENT 3/8"=1'-0"
 HOLES OFF-CENTER SEE DETAIL



SET BACK 1/2" FROM FRONT OR FLUSH TO BACK OF 1.5" BOX

DS Light Boxes

DS Frame	
DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH. DIRECTOR:	Thomas Fagerholm
DWG. BY:	MDB & TKF
DATE:	4/8/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

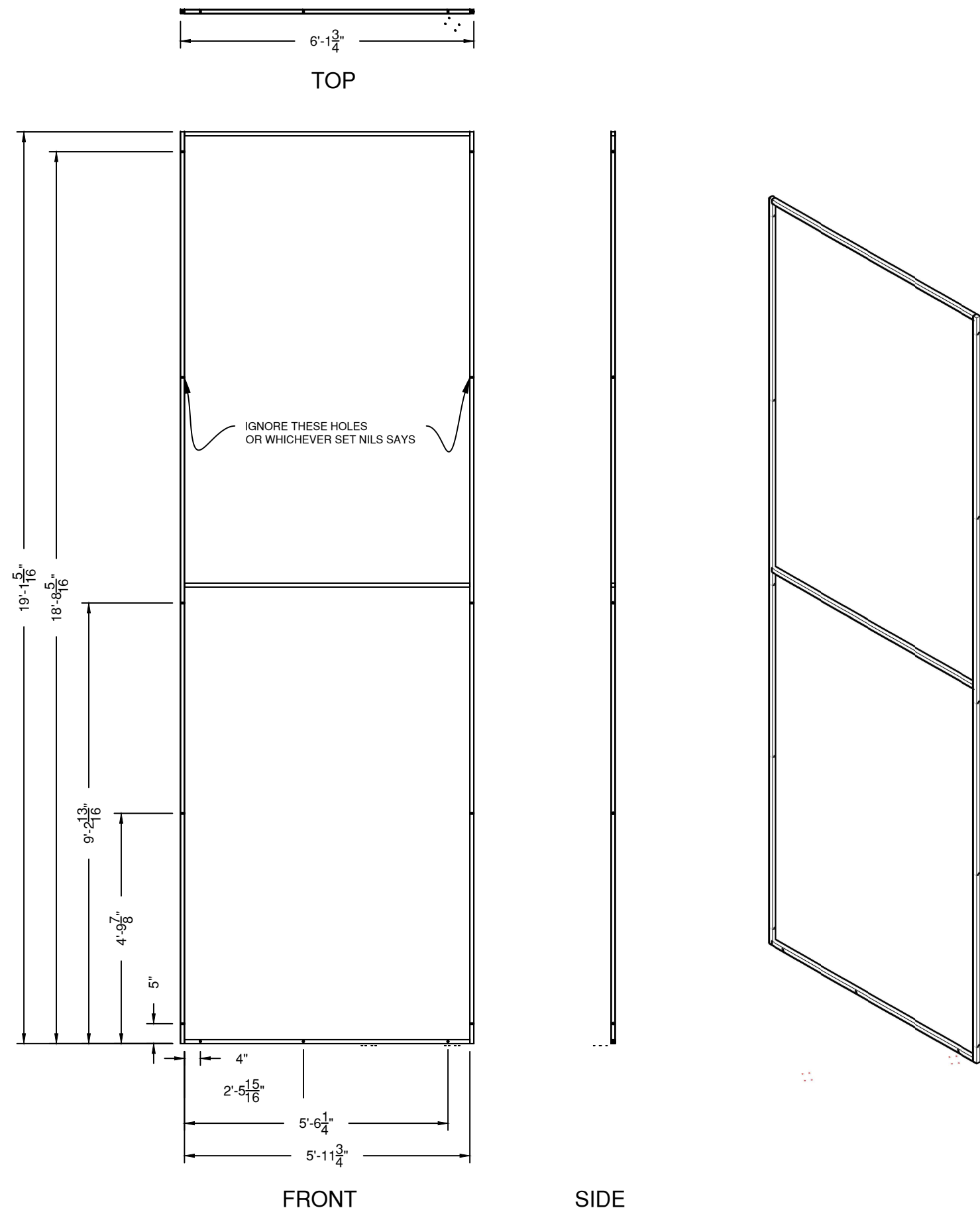
MATERIALS USED	
MATERIAL	QUANTITY
SCRAP USED	
MATERIAL	QUANTITY

SCALE: AS NOTED

401

REVISED 4/17/19 by TKF

JOSEPH



1 ORTHOGRAPHIC: DSR LIGHT BOX REAR FRAME
 402 1" SQ TUBE CONST. 3/8"=1'-0"
 BULD 2 (2ND IS FOR STAGE LEFT)
 HOLES ARE SYMMETRICAL ON EACH SIDE & CENTERED ON STEEL
 WELD 2 SIDES (FILLETS AND/OR FACES)

DS Light Boxes

US Frame	
DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Thomas Fagerholm
DWG BY:	MDB & TKJ
DATE:	4/9/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

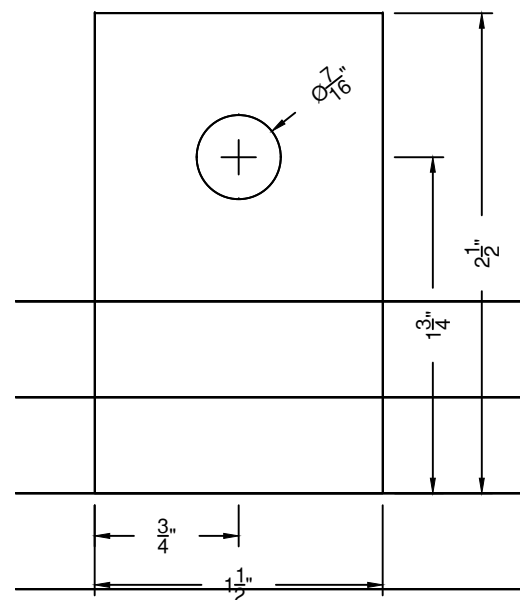
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

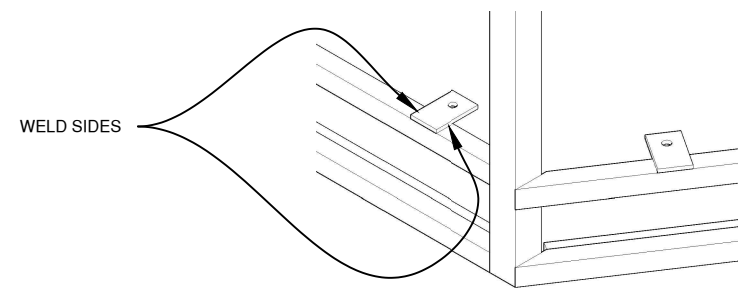
SCALE: AS NOTED

402

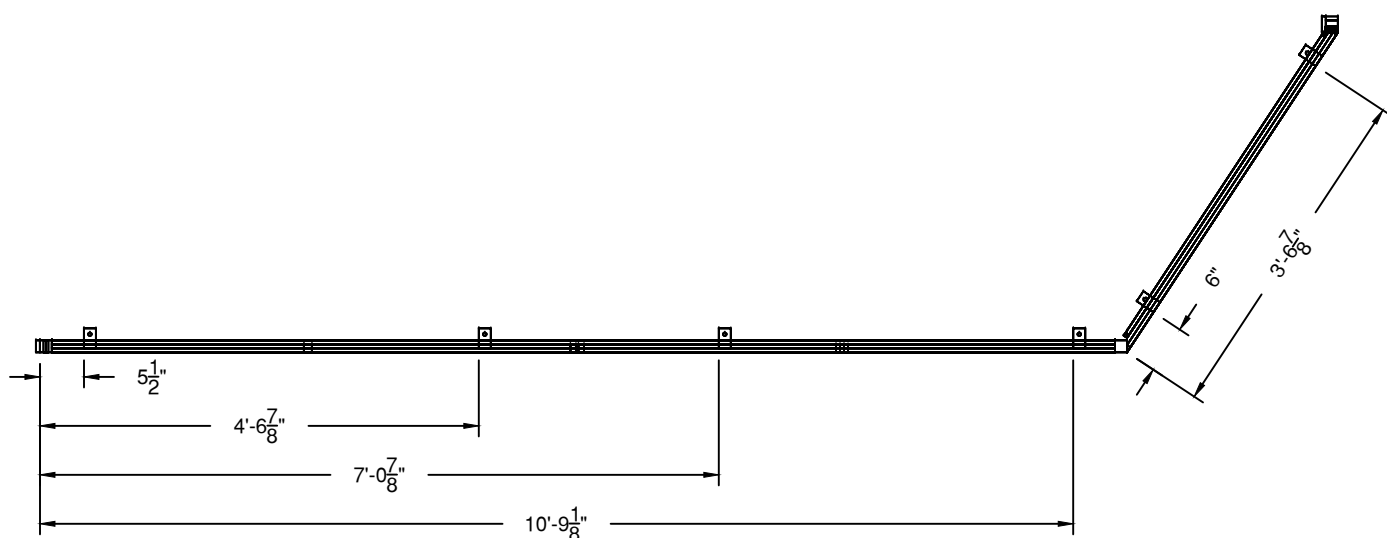
JOSEPH



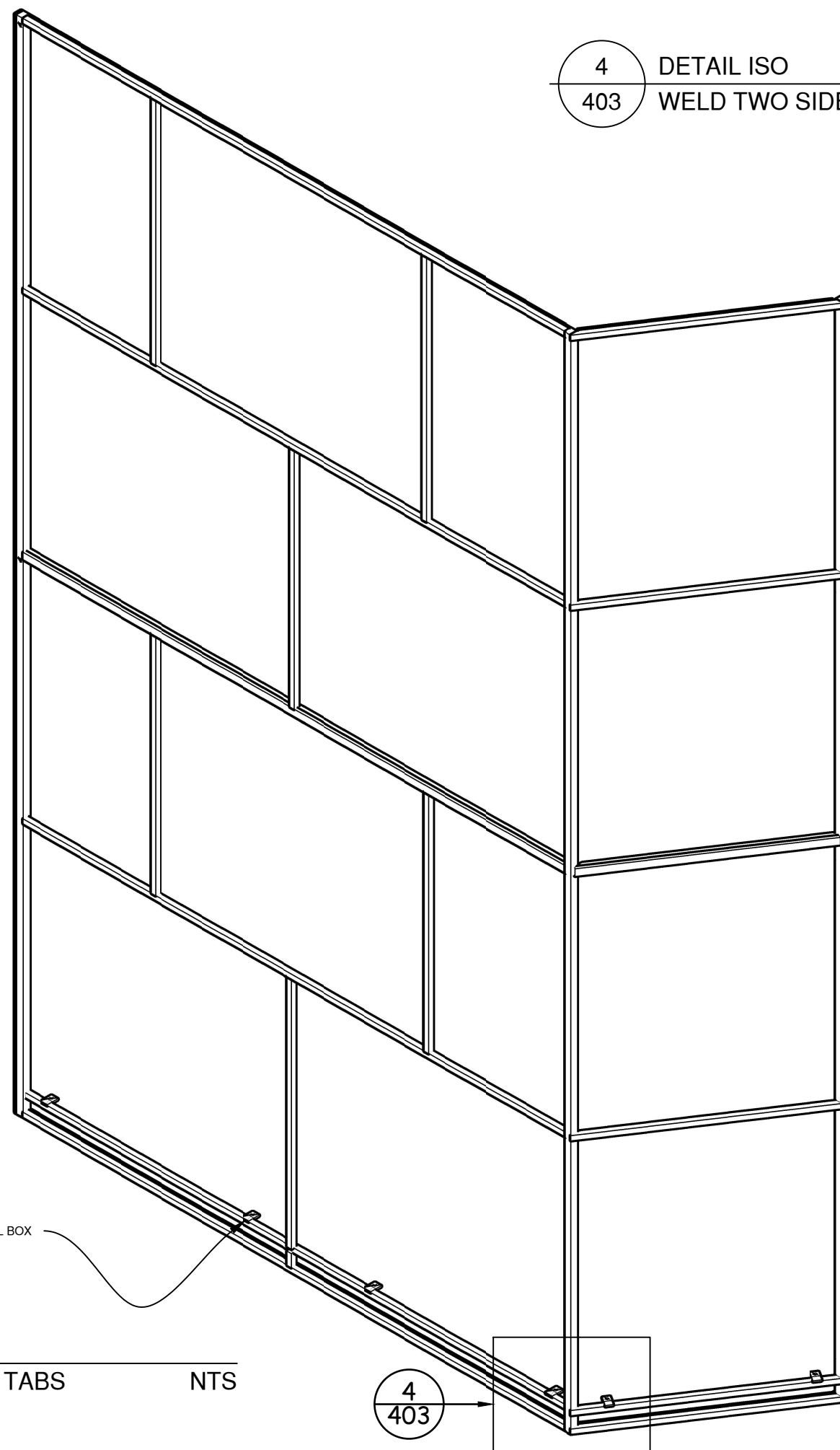
1 TOP VIEW TABS
 403 3/16"x2" FLAT BAR FULL
 MAKE 12 (6 ARE FOR STAGE LEFT)



4 DETAIL ISO
 403 WELD TWO SIDES OF TABS NTS



2 TOP VIEW TAB LAYOUT
 403 TABS PLACED ON 2ND FROM BOTTOM HORIZONTAL 1/2"=1'-0"
 OTHER UNIT IS R&R



3 ISOMETRIC
 403 WELD TWO SIDES OF TABS NTS
 OTHER UNIT IS R&R

4 403

DS Light Boxes

DS WALL TABS

DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Thomas Fagerholm
DWG BY:	MDB & TKI
DATE:	4/14/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME

DATE	HOURS (Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY

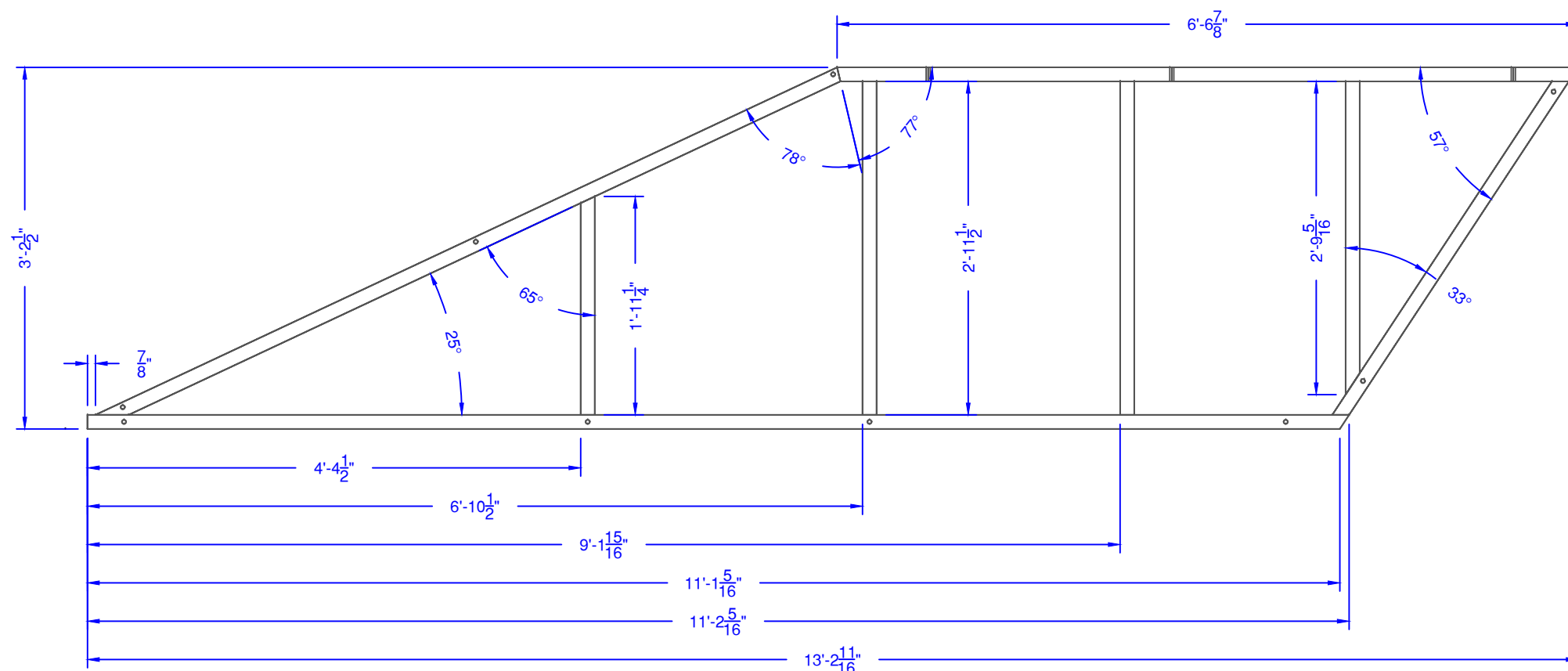
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

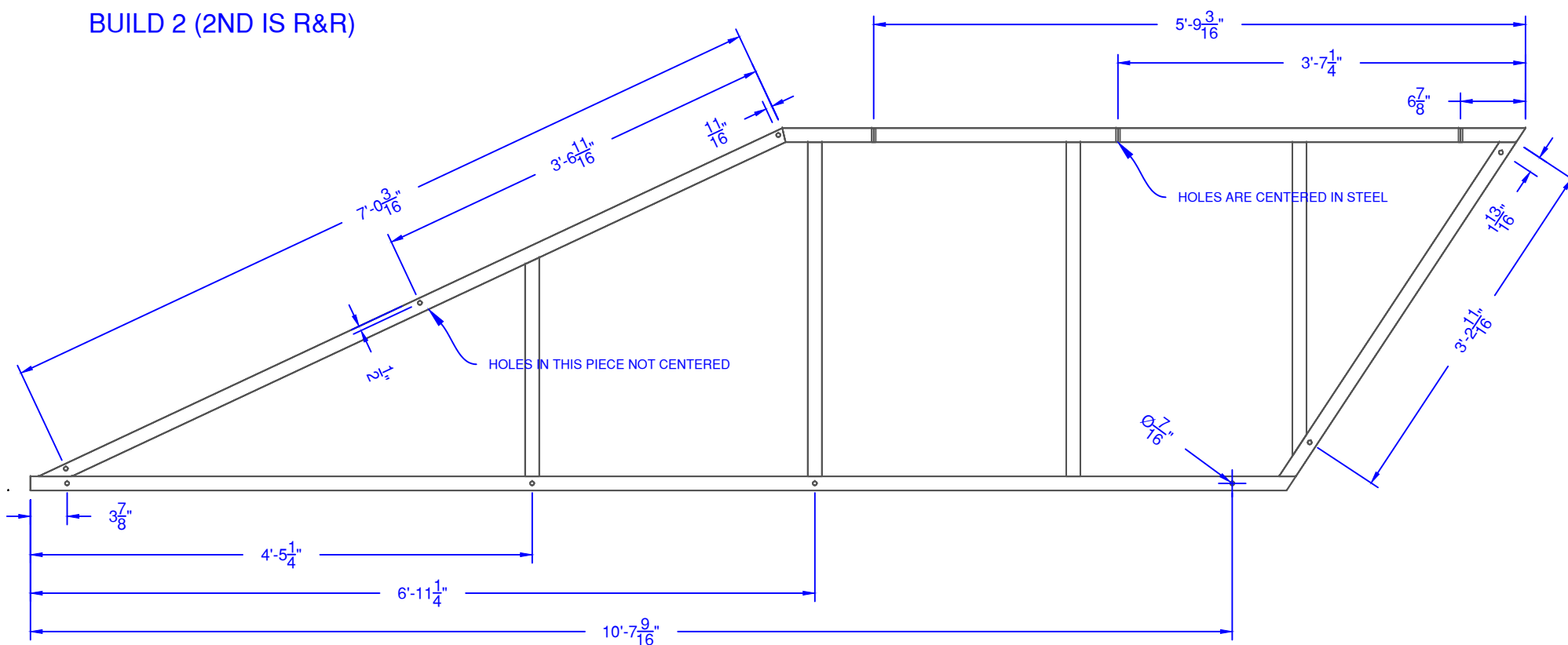
403

JOSEPH



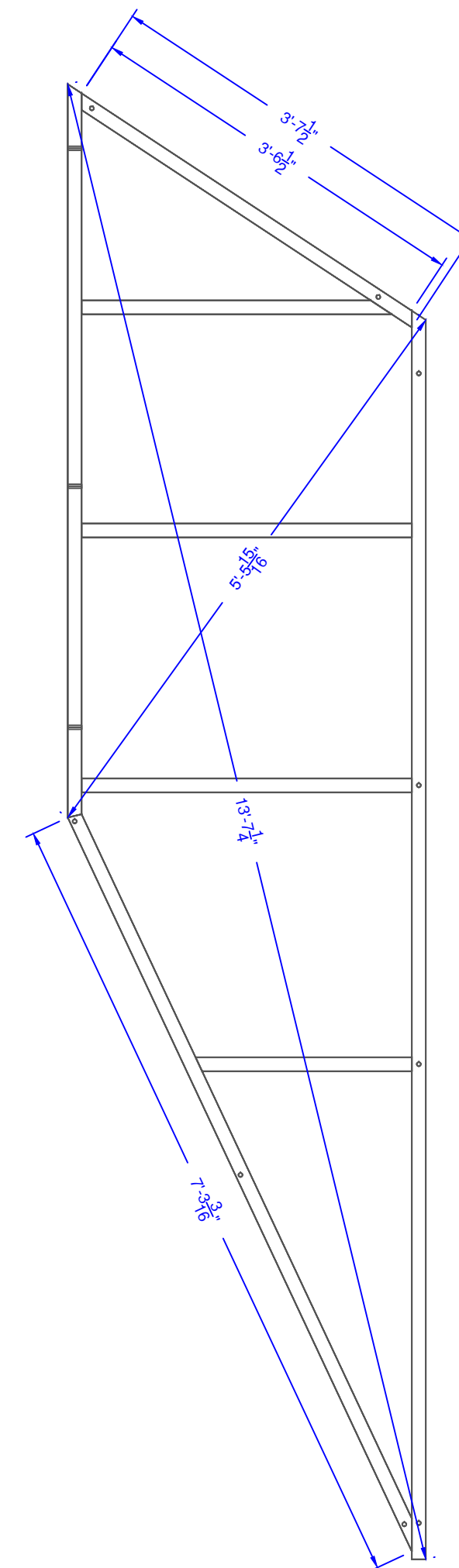
1 TOP VIEW: DOWN STAGE FRAME
 404 1.5" BOX STEEL CONSTRUCTION
 WELD FILLETS AND BOTTOM
 SHOULDN'T NEED TO GRIND
 BUILD 2 (2ND IS R&R)

3/4"=1'-0"



2 TOP VIEW: DOWN STAGE FRAME
 404 BOLT HOLE LAYOUT
 HOLES ARE ALL 7/16"
 OTHER UNIT IS R&R

3/4"=1'-0"



3 TOP VIEW: DOWN STAGE FRAME
 404 MORE DIMENSIONS

3/4"=1'-0"

DS Light Boxes DS PLATFORMS

DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH. DIRECTOR:	Thomas Fagerholm
DWG. BY:	MDB & TKJ
DATE:	4/14/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

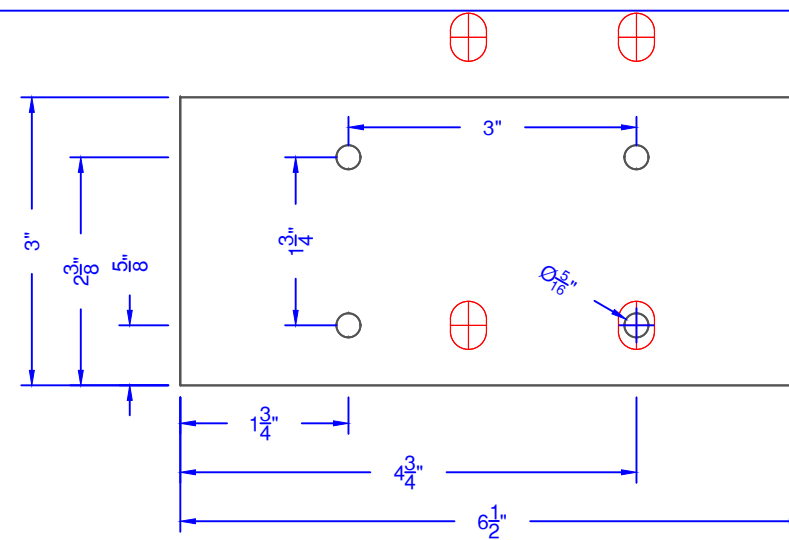
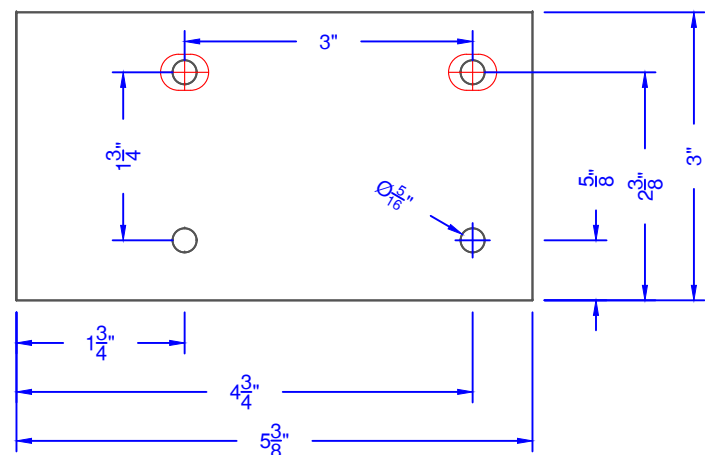
SCRAP USED

MATERIAL	QUANTITY

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

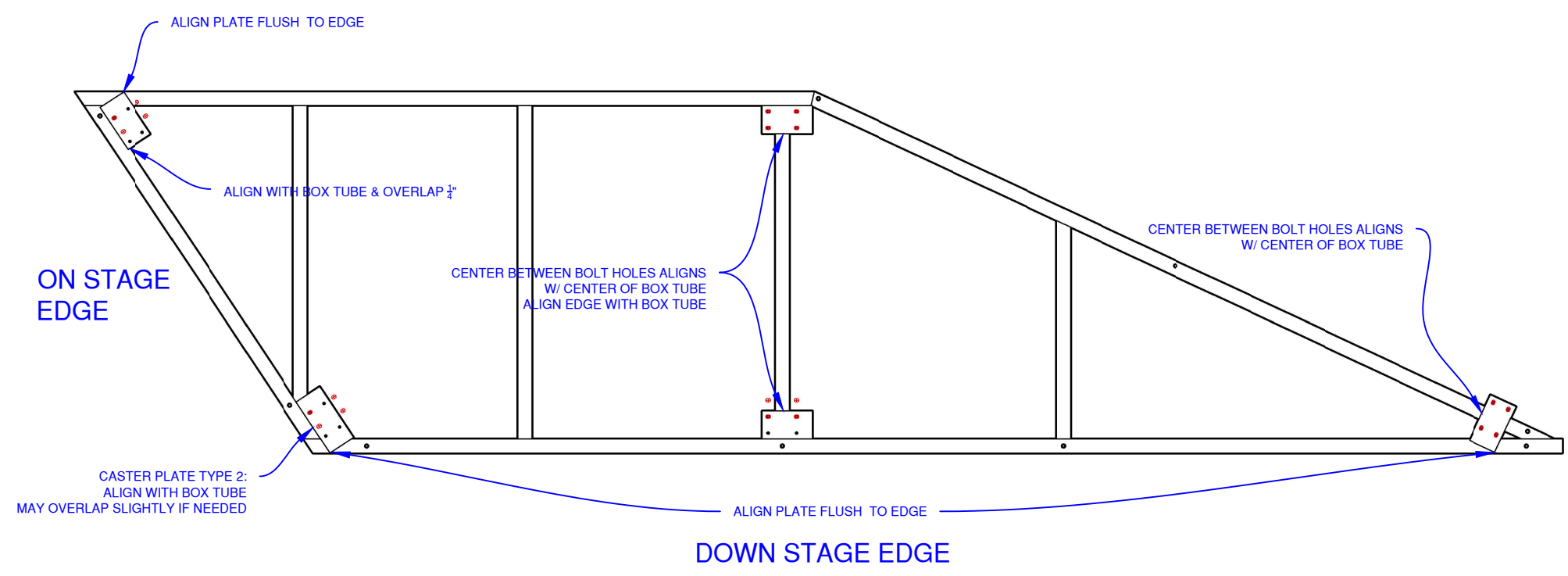
404

JOSEPH



1 TOP VIEW: CASTER PLATE TYPE 1
 405 3/16" FLAT BAR 6"=1'-0"
 MAKE 8 (4 FOR SL LIGHT BOX)
 DESIGNED FOR 4-1/4" DARNELL SWIVEL CASTERS
 CHECK STOCK BEFORE BUILDING
 CHECK ACTUAL DIMS BEFORE BUILDING

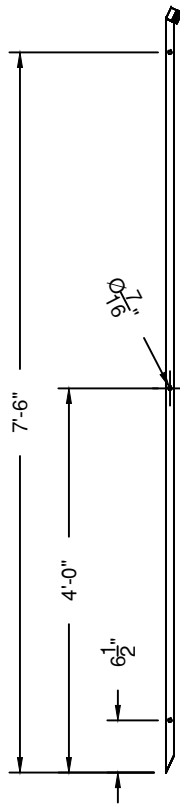
2 TOP VIEW: CASTER PLATE TYPE 2
 405 3/16" FLAT BAR 6"=1'-0"
 MAKE 2 (1 FOR SL LIGHT BOX)
 DESIGNED FOR 4-1/4" DARNELL SWIVEL CASTERS
 CHECK ACTUAL DIMS BEFORE BUILDING



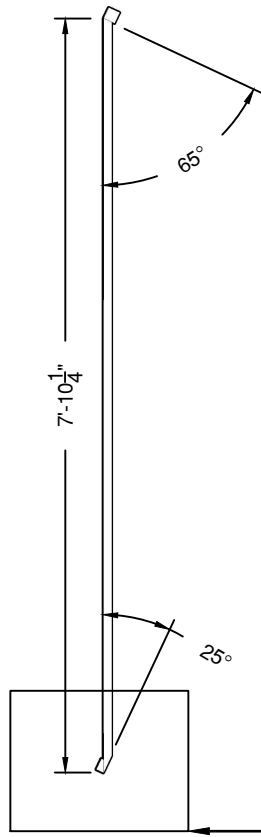
3 BOTTOM VIEW: DS RIGHT WAGON - CASTER PLATE PLACEMENT
 405 WELD AT LEAST TWO EDGES 3/4"=1'-0"
 NOTE LOCATION OF CASTER PLATE TYPE 2
 USE 4-1/4" DARNELL SWIVEL CASTERS

DS Light Boxes	
CASTER PLATES	
DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Thomas Fagerholm
DWG BY:	MDB & TKI
DATE:	4/14/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg
BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)
MATERIALS USED	
MATERIAL	QUANTITY
SCRAP USED	
MATERIAL	QUANTITY
SCALE:	3/4"=1'-0"

405

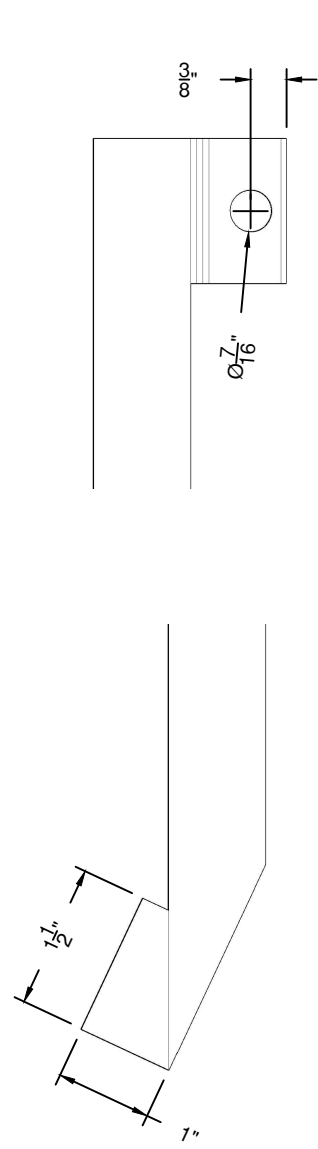


TOP VIEW BOTTOM HORIZONTAL



TOP VIEW MIDDLE & TOP HORIZONTALS

2
406

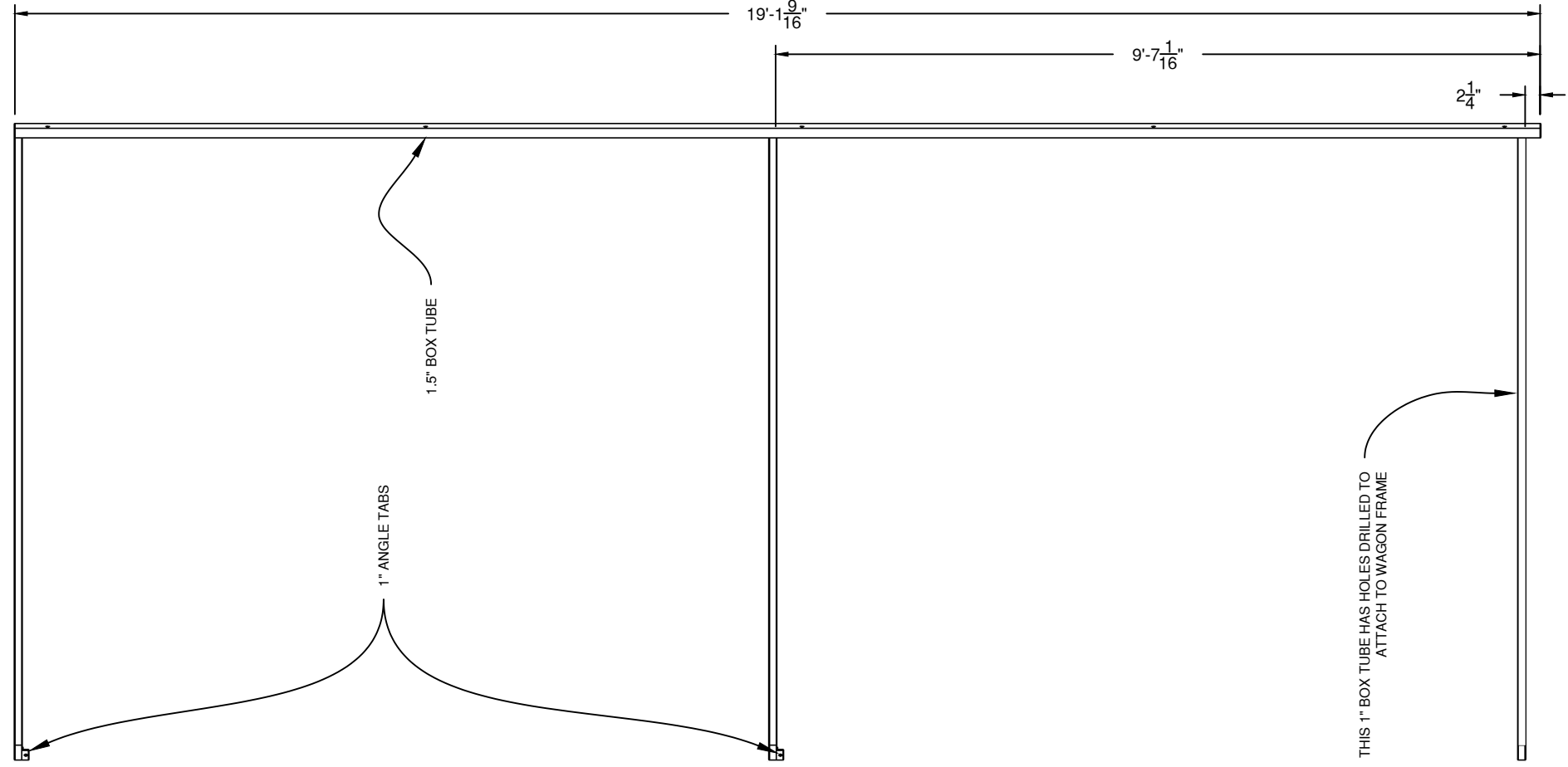


2
406

DETAIL OF ANGLE TAB
1"x1/8" ANGLE
BUILD 4 (2 FOR STAGE LEFT)
WELD TO 1" BOX

BACK VIEW

6"=1'-0"

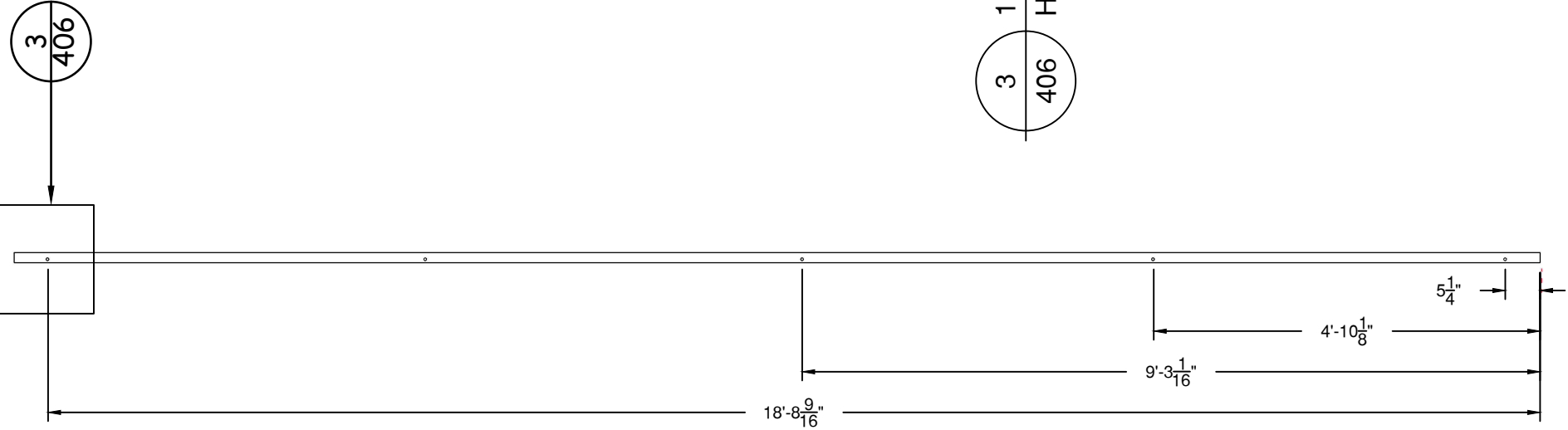


1
402

FRONT VIEW: DSR LIGHT BOX REAR FRAME

1" SQ TUBE CONST.

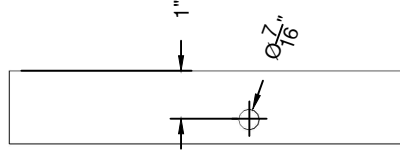
BUILD 2 (2ND IS R&R FOR STAGE LEFT)
HOLES IN BOTTOM 1" BOX ARE CENTERED ON STEEL (SEE TOP VIEW)
WELD 2 SIDES (FILLET'S AND/OR FACES)



3
406

1.5" BOX TUBE HOLE DETAIL
HOLES ARE OFF CENTERED

6"=1'-0"



1.5" BOX TUBE HOLE LAYOUT
1/2"=1'-0"

JOSEPH

DS Light Boxes

OFF STAGE FRAME

DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Thomas Fagerholm
DWG BY:	MDB & TKR
DATE:	4/16/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME

DATE	HOURS
	(Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

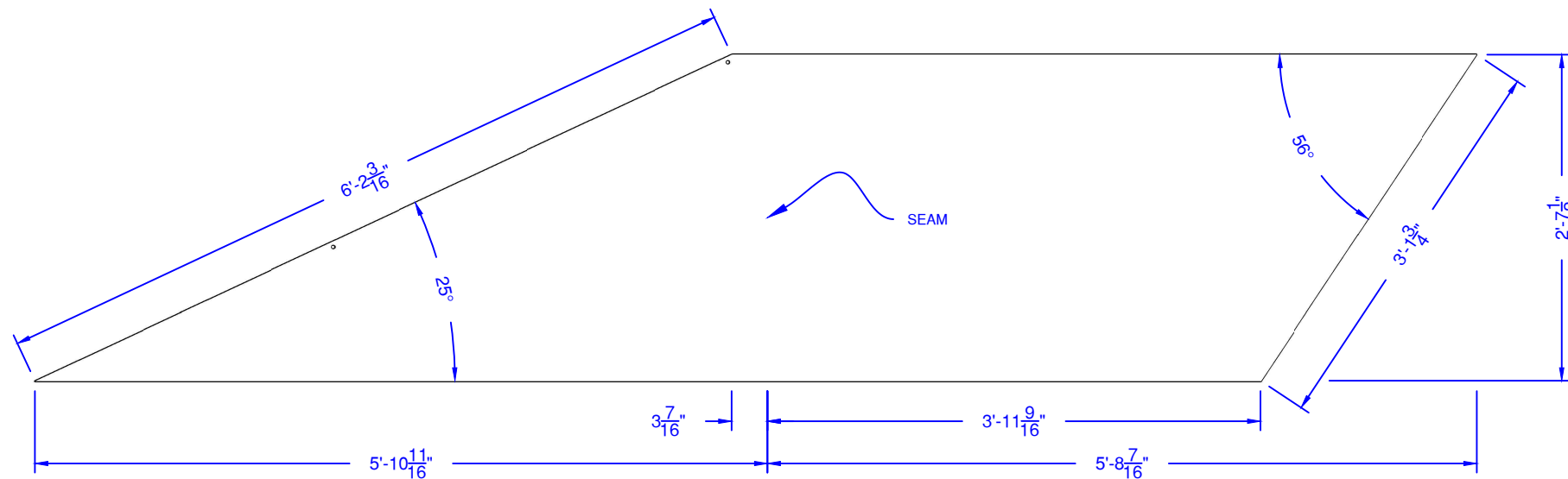
SCRAP USED

MATERIAL	QUANTITY

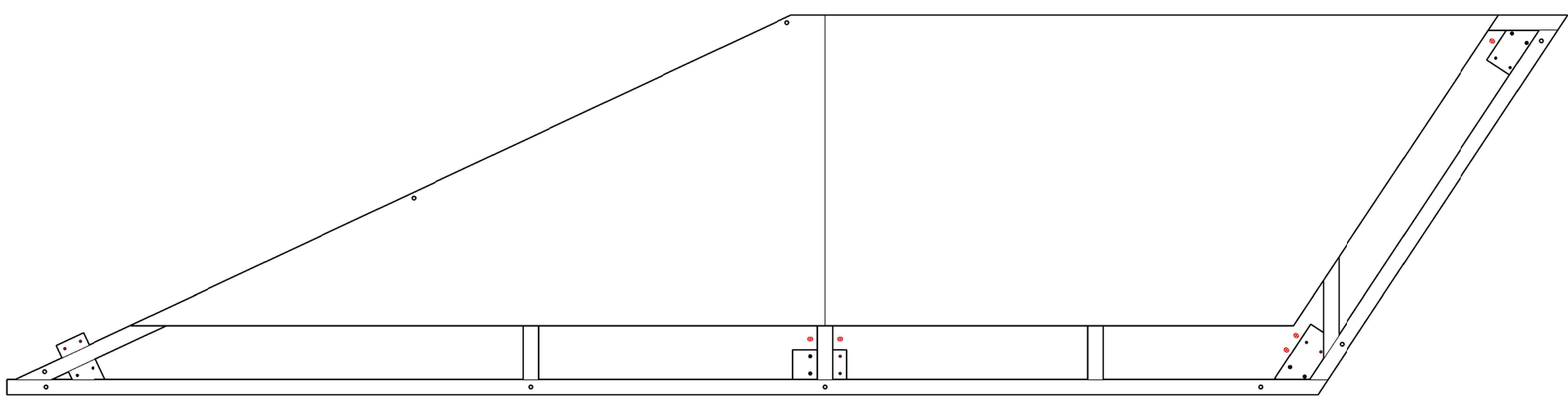
SCALE: AS NOTED

406

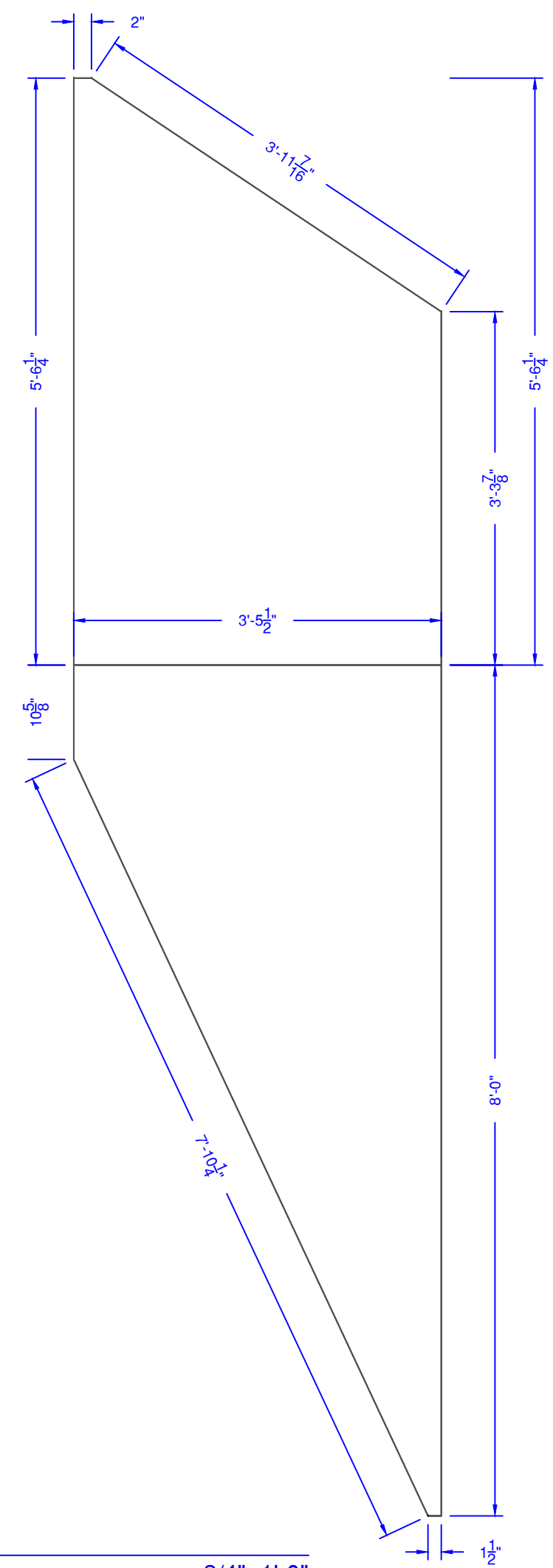
JOSEPH



1 TOP VIEW: WAGON PLYWOOD
 407 3/4" CDX PLYWOOD
 CUT 2 OF EACH. (2ND IS R&R. THOUGH IT PROBABLY DOESN'T MATTER IF THE BAD SIDE IS UP ON THE OTHER SIDE)
 3/4"=1'-0"



2 TOP VIEW: DS RIGHT WAGON - PLY LAYOUT
 407 PLYWOOD LAYOUT
 NOTE LOCATION OF SEAM
 PLY SET BACK FROM ONSTAGE AND DOWNSTAGE EDGES
 3/4"=1'-0"



3 TOP VIEW: ROOF PIECE
 407 1/4" OR 3/16" LAUAN
 PLY OR 1X3 SEAM BUSTER ON BOTTOM. INSET 3" FROM EDGES
 BUILD 2 (2ND IS R&R)
 ATTACHES TO TOP OF BOX TUBE AFTER UNIT IS COVERED IN FABRIC
 3/4"=1'-0"

DS Light Boxes
WAGON PLY & ROOF

DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH DIRECTOR:	Thomas Fagerholm
DWG BY:	MDB & TKI
DATE:	4/17/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

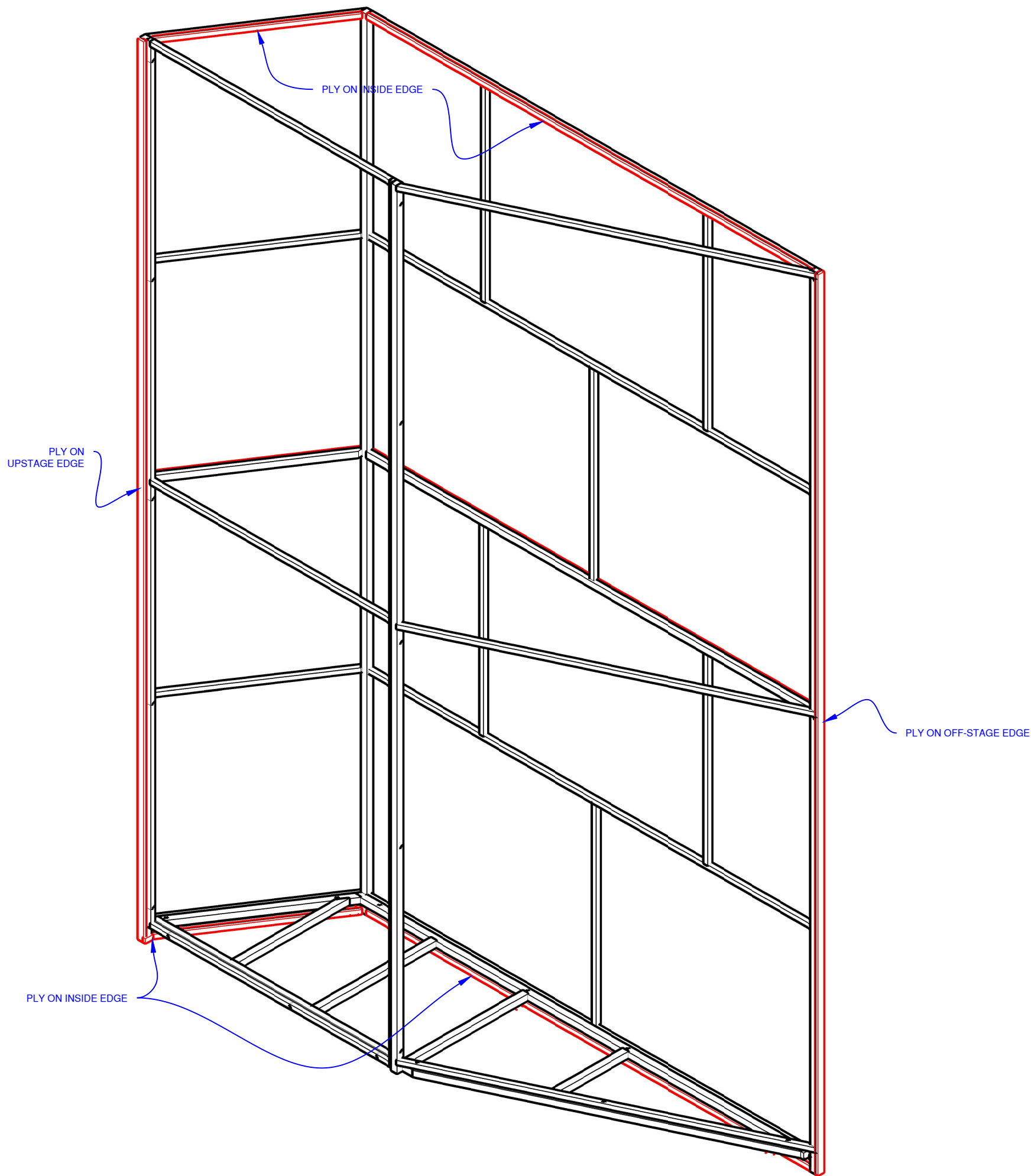
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

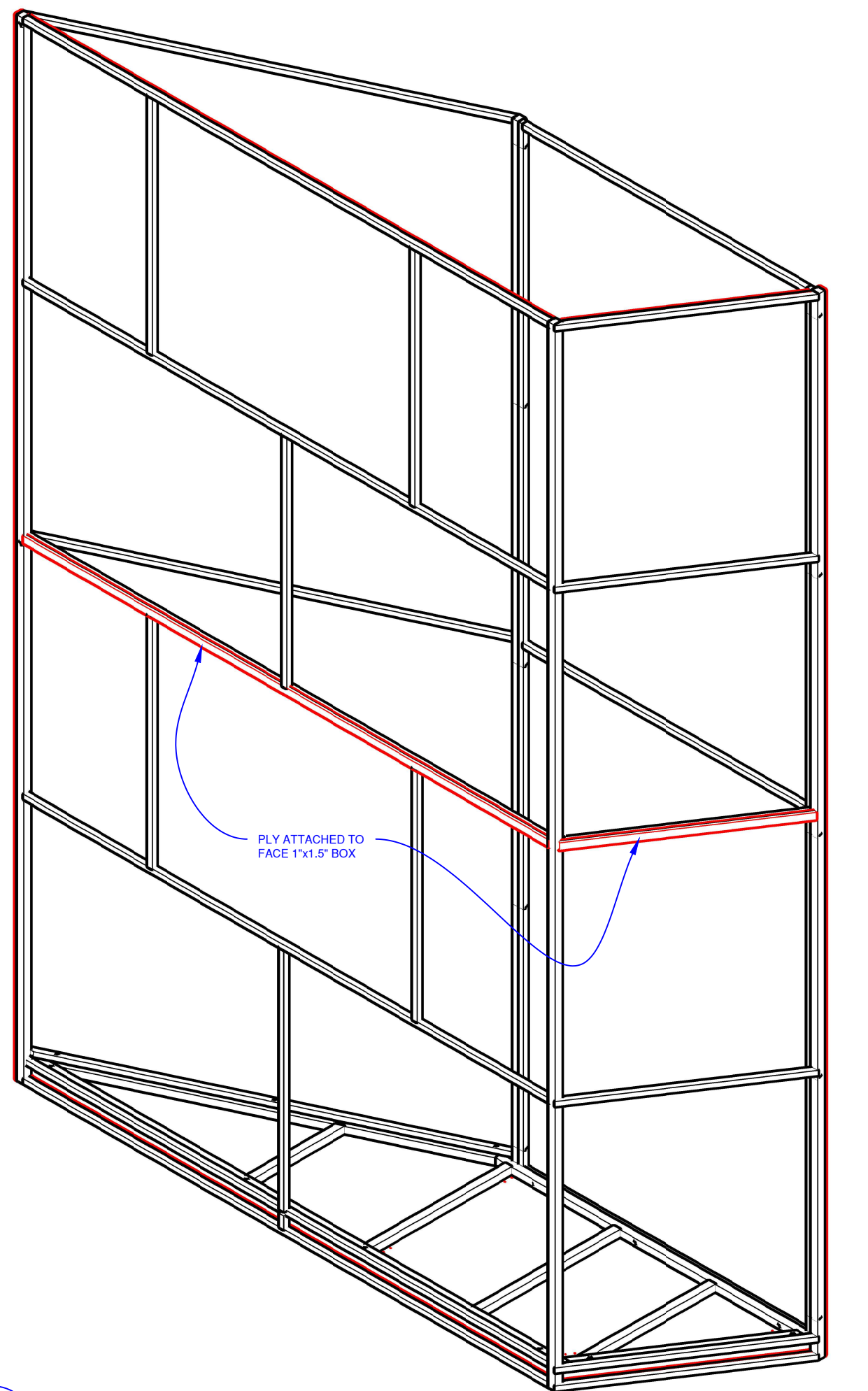
SCALE: 3/4"=1'-0"

407

JOSEPH



1 BACK VIEW ISO
 408 1/2" PLY STAPLE STRIPS
 LIQUID NAILS AND T-NAIL TO FRAME NTS



2 FRONT VIEW ISO
 408 1/2" PLY STAPLE STRIPS
 LIQUID NAILS AND T-NAIL TO FRAME NTS

DS Light Boxes PLY TACK STRIPS

DIRECTOR:	Brad Carrol
DESIGNER:	Jason Lajka
TECH. DIRECTOR:	Thomas Fagerholm
DWG. BY:	MDB & TKI
DATE:	4/17/19
INVENTORY CODE:	JO-DBX
FILE:	JO-400-DS Light Boxes.dwg

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

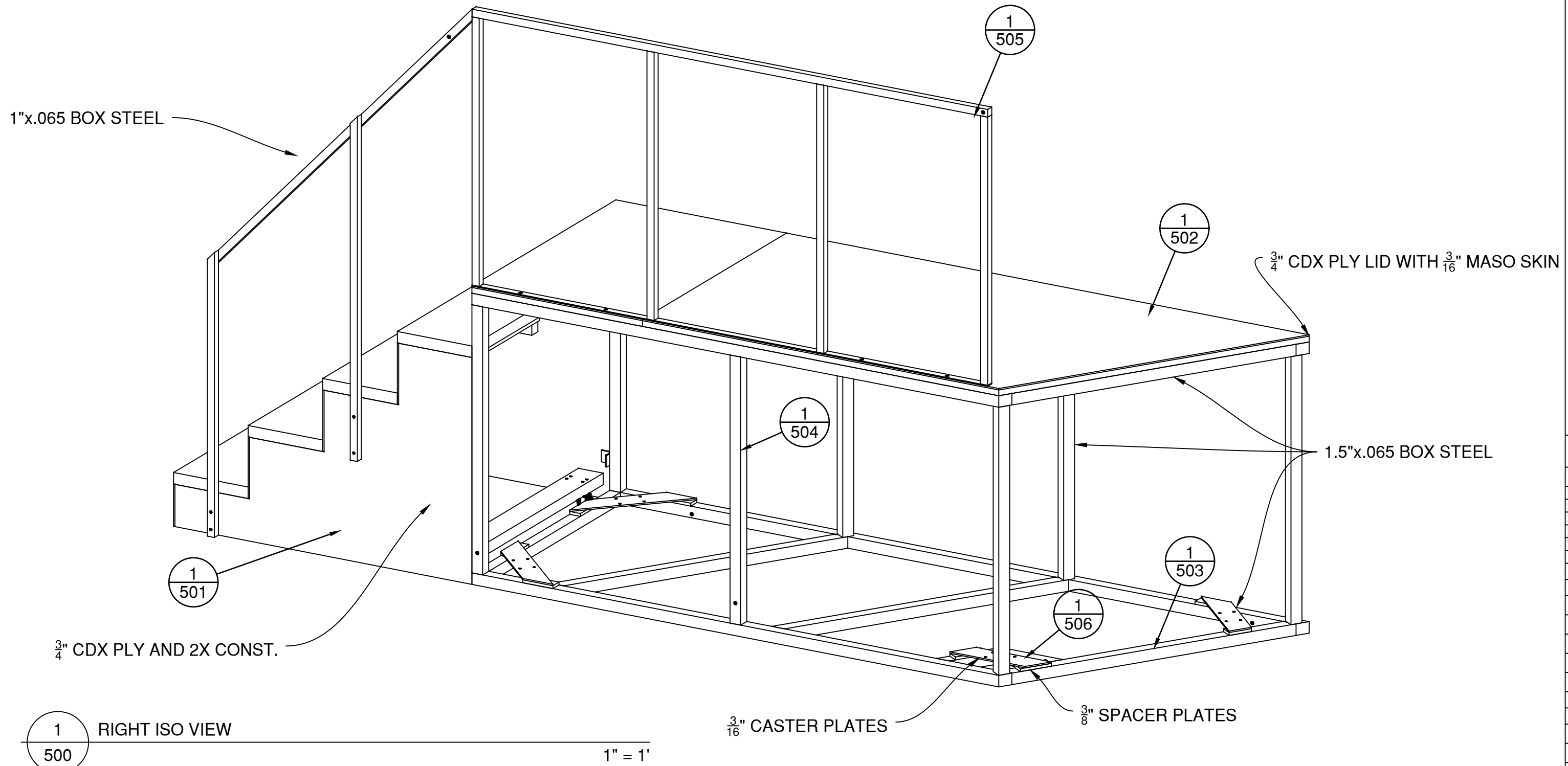
SCRAP USED

MATERIAL	QUANTITY

SCALE: NTS

408

JOSEPH



1
500 RIGHT ISO VIEW
UNIT BOLTS TO DS AND US LIGHT BOXES
REVERSE AND REPEAT
1" = 1'

MS PLATFORMS

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/6/2019
INVENTORY CODE:	JO - MSP
FILE:	JO-500- MSP

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

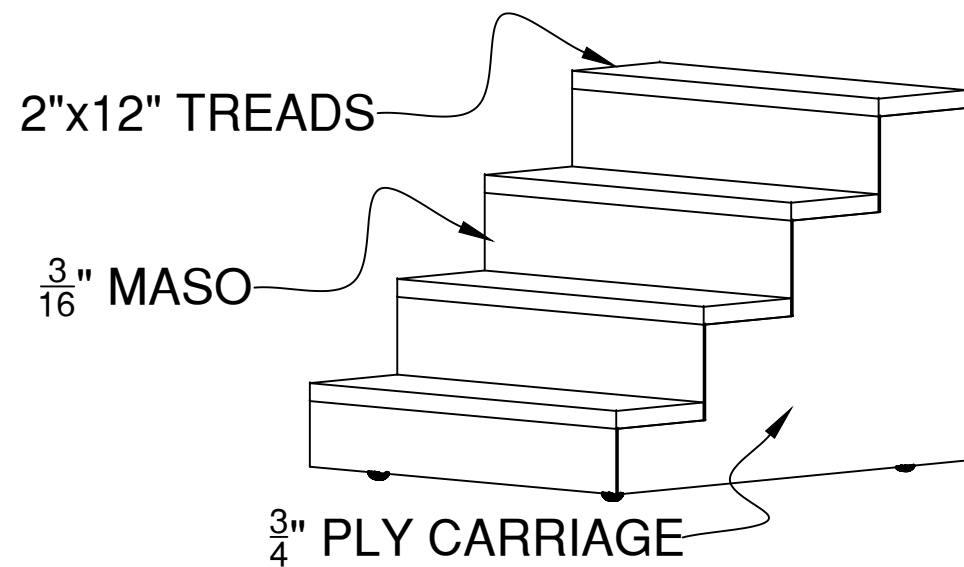
SCRAP USED

MATERIAL	QUANTITY

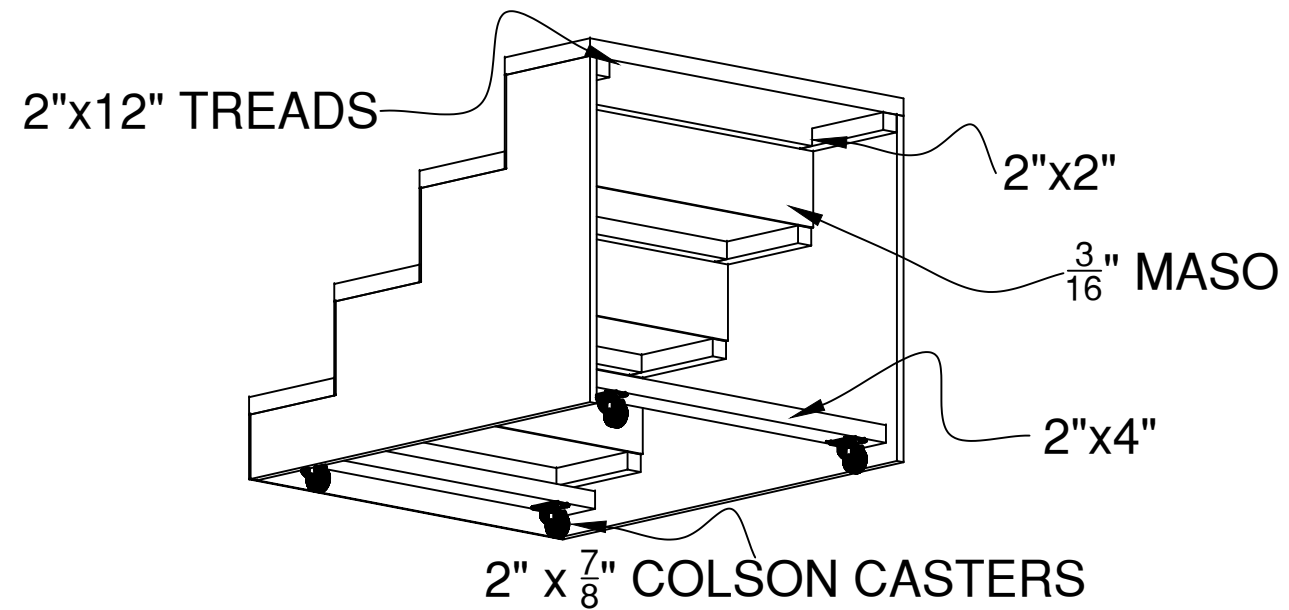
SCALE: AS NOTED

500

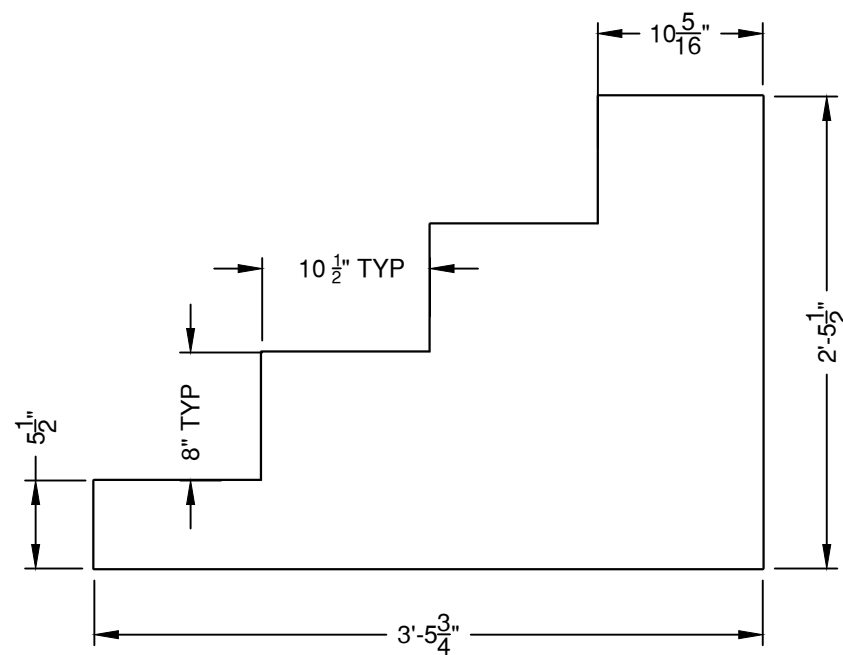
JOSEPH



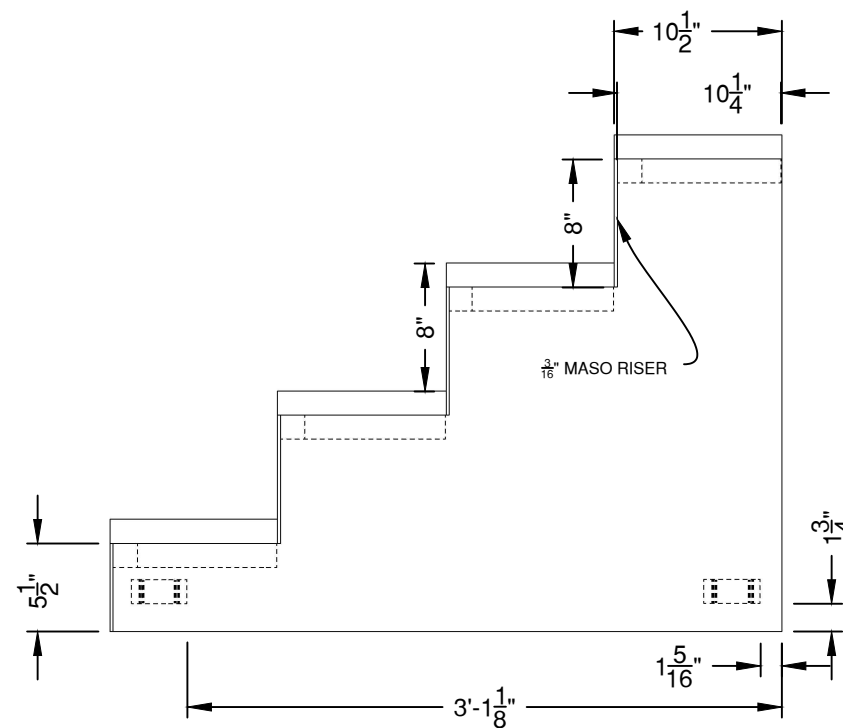
1 MS ESCAPE STAIRS RIGHT ISO VIEW
 501 MATERIALS AS NOTED
 BUILD 2
 GLUE AND SCREW
 3/4" = 1'



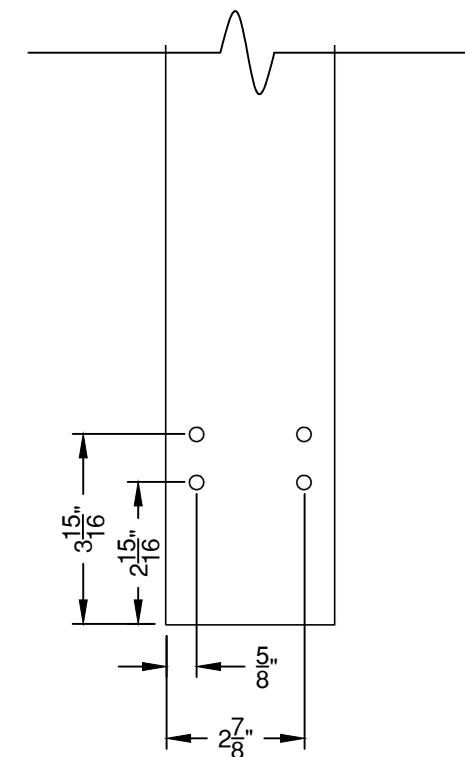
2 BACK ISO VIEW
 501 MATERIALS AS NOTED
 GLUE AND SCREW
 3/4" = 1'



3 CARRIAGE SIDE VIEW
 501 3/4" CDX PLY
 CUT 4
 1" = 1'



4 SIDE VIEW
 501 2"x2" (NOMINAL) SCREWED TO PLY RUNS
 3/16" MASO TACKED ONTO PLY RISERS
 2"x12" TREADS ON TOP OF PLY RUNS, SCREW TO 2"x2" NOT THE PLY
 STAPLE MASO TO FRONT OF 2"x2" AND BACK OF TREADS
 SEE DANIEL OR CHYNNA IF YOU HAVE ANY QUESTIONS
 1" = 1'



5 CASTER PLACEMENT
 501 2"x4"
 5/16" HOLE DIA.
 USE 2"x7/8" COLSON CASTERS
 3" = 1'

MS PLATFORMS

ESCAPE STAIRS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/6/2019
INVENTORY CODE:	JO - MSP
FILE:	JO-500- MSP

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

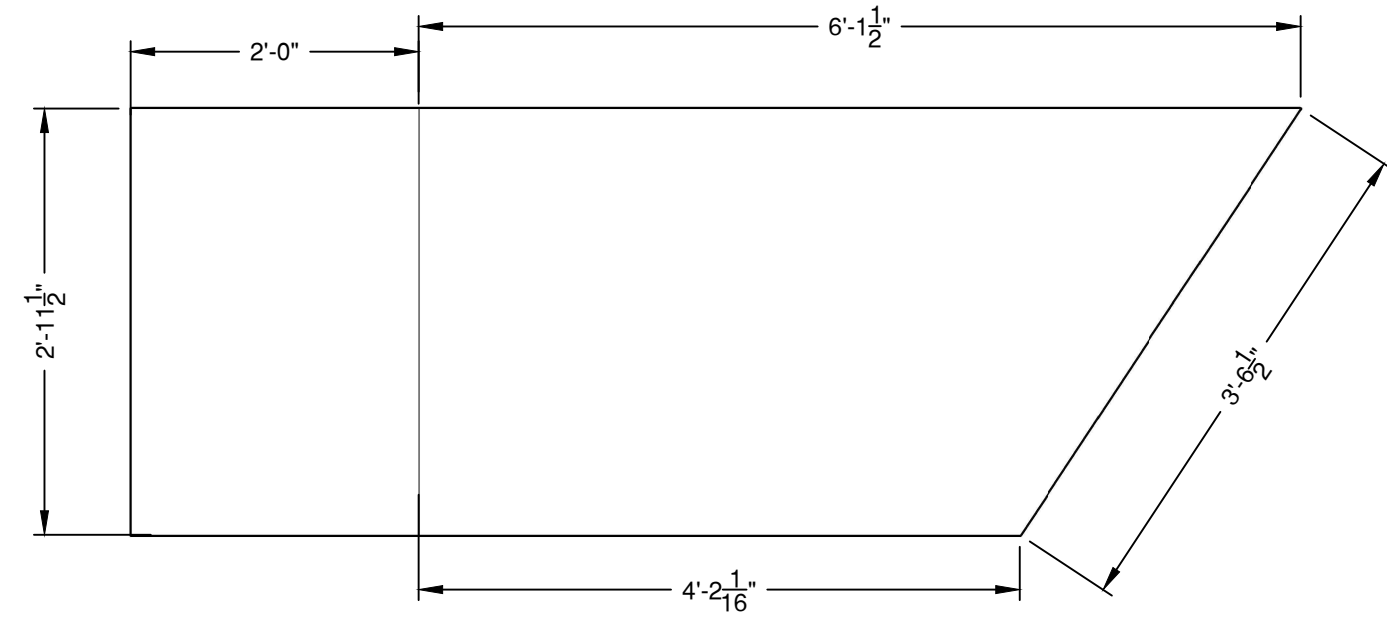
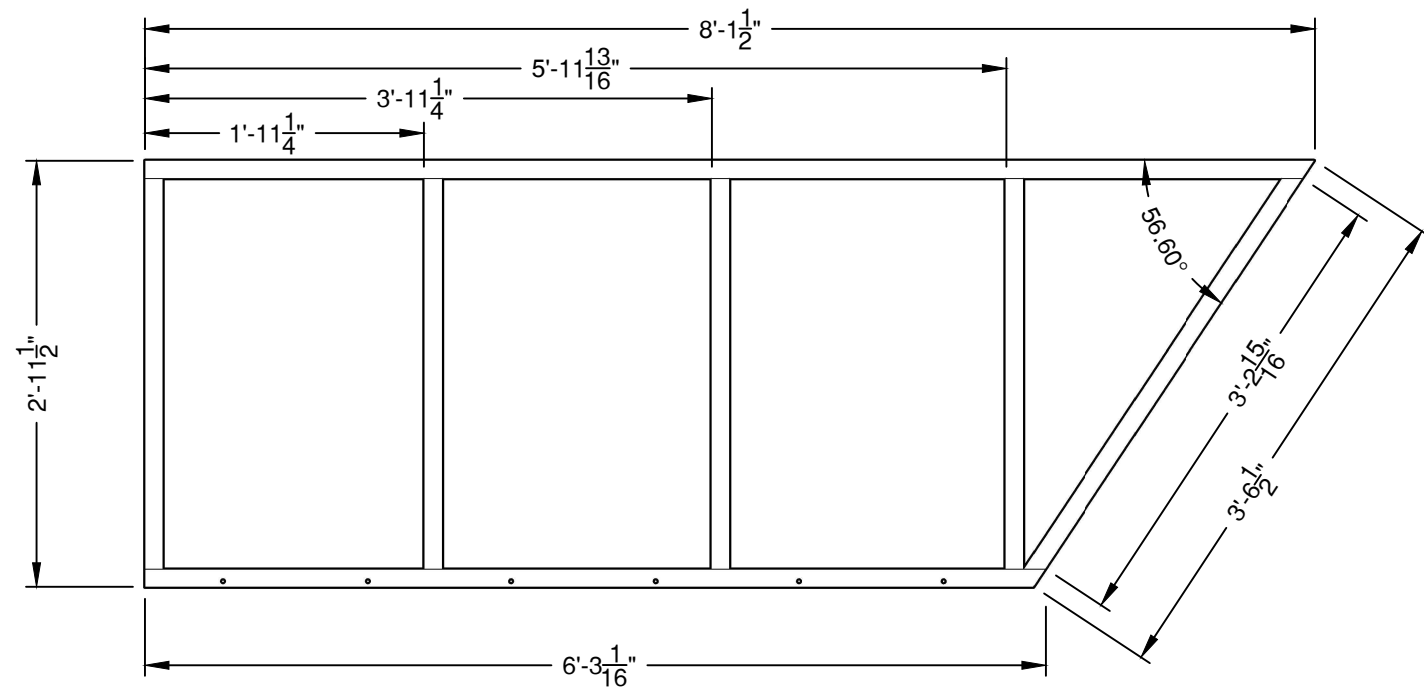
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

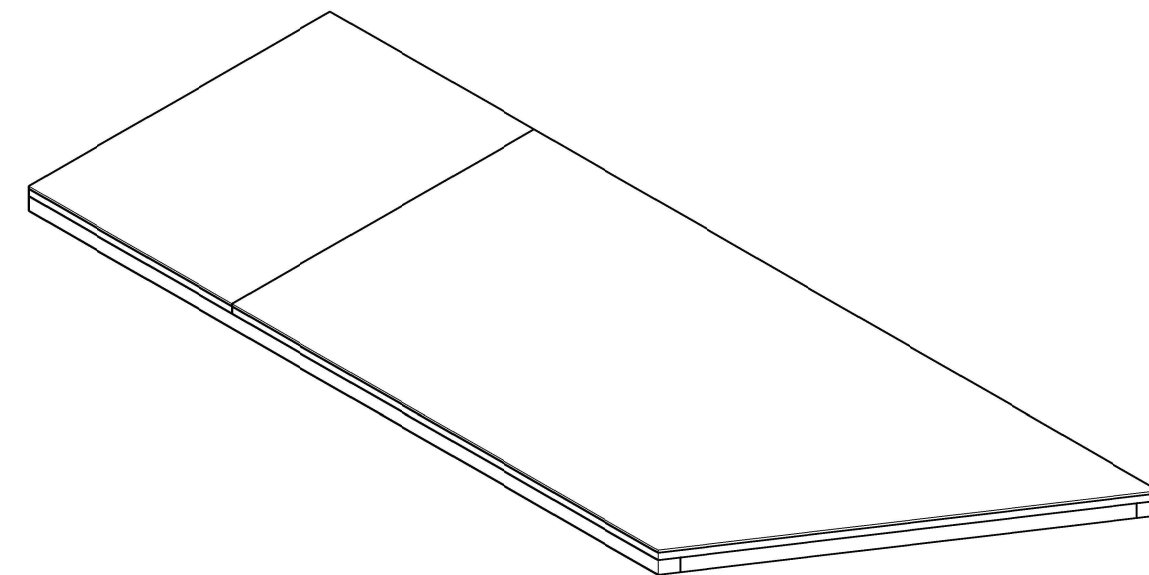
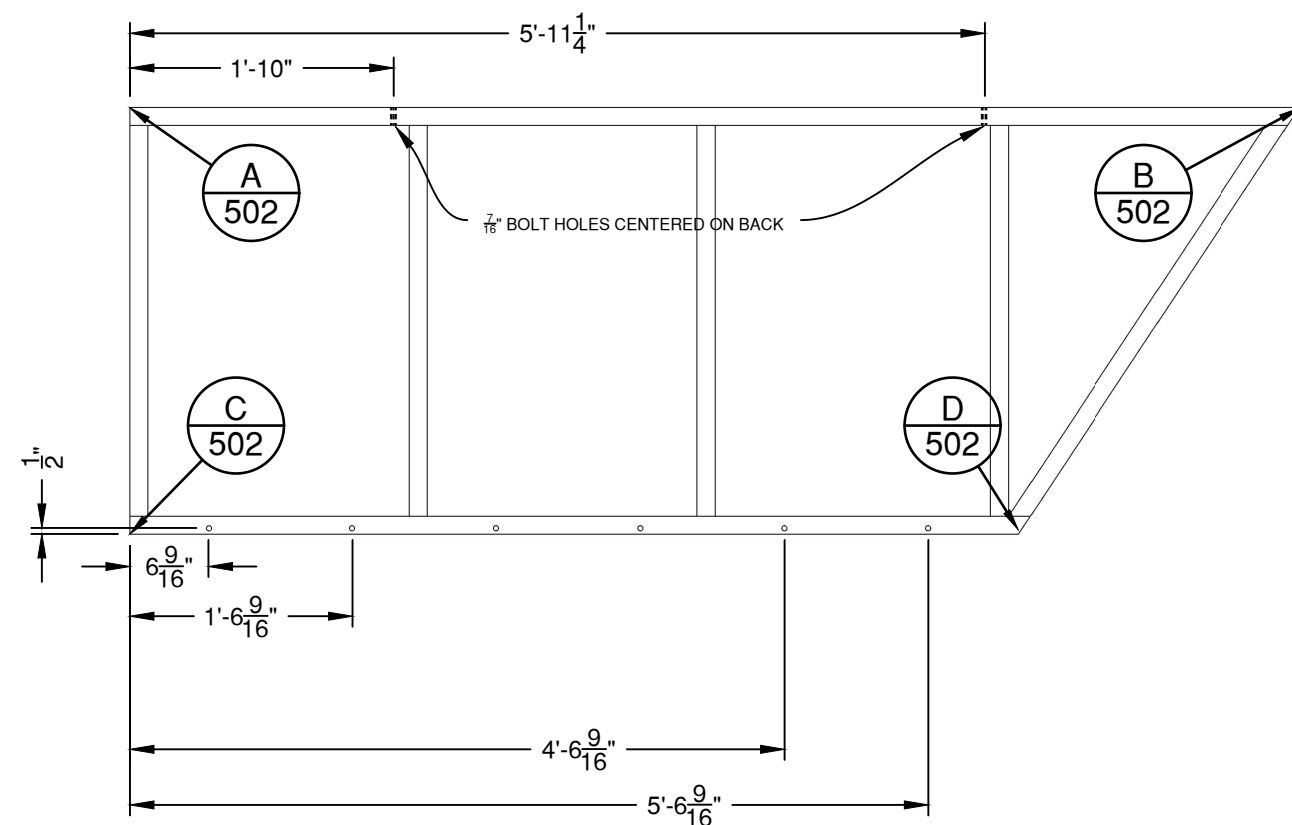
501

JOSEPH



1 TOP VIEW
 502 1.5"x.065 BOX CONST. 3/4" = 1'
 WELD 2 SIDES, GRIND ANY AND ALL FACE WELDS
 BUILD 2 (REVERSE AND REPEAT FOR THE SECOND UNIT)

3 TOP VIEW
 502 3/4" PLY LID 3/4" = 1'
 3/16" MASO SKIN
 TEK SCREW PLY TO FRAME
 STAPLE SKIN TO PLY
 REVERSE AND REPEAT FOR SECOND UNIT



2 BOLT HOLE PLACEMENT AND DIAGONALS
 502 BOLT HOLES ON TOP ARE 5/16"
 DIAGONAL A->D= 6'-10-3/16"
 DIAGONAL B->C= 8'-7-3/4"
 3/4" = 1'

4 RIGHT ISO VIEW
 502 3/4" = 1'

MS PLATFORMS

TOP PLATFORM

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/6/2019
INVENTORY CODE:	JO - MSP
FILE:	JO-500- MSP

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

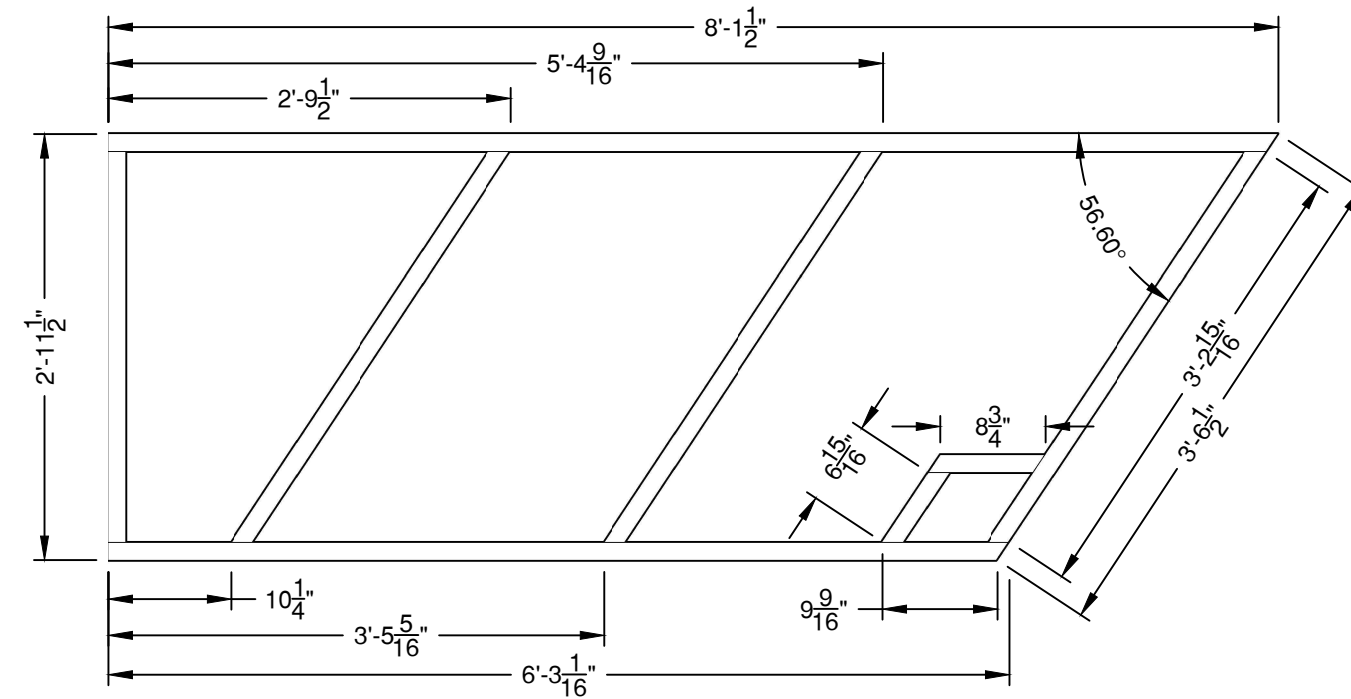
SCRAP USED

MATERIAL	QUANTITY

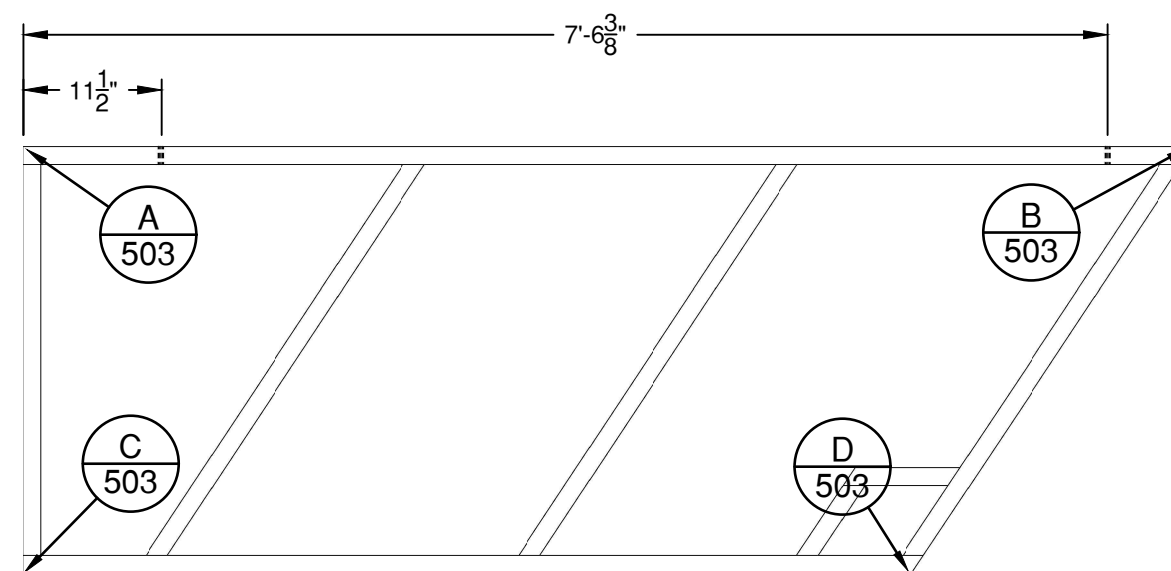
SCALE: AS NOTED

502

JOSEPH



1 TOP VIEW
503 1.5"x.065 BOX CONST. 3/4" = 1'
WELD 2 SIDES, GRIND ANY AND ALL FACE WELDS
BUILD 2 (REVERSE AND REPEAT FOR THE SECOND UNIT)



2 BOLT HOLE PLACEMENT AND DIAGONALS TOP VIEW
503 BOLT HOLES ON TOP ARE 7/16" 3/4" = 1'
DIAGONAL A->D= 6'-10-3/16"
DIAGONAL B->C= 8'-7-3/4"

MS PLATFORMS

BASE FRAME

DIRECTOR:	BRAD CARROL	
DESIGNER:	JASON LAJKA	
TECH DIRECTOR:	T. FAGERHOLM	
DWG BY:	MDB	DATE 5/6/2019
INVENTORY CODE:	JO - MSP	
FILE:	JO-500- MSP	

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

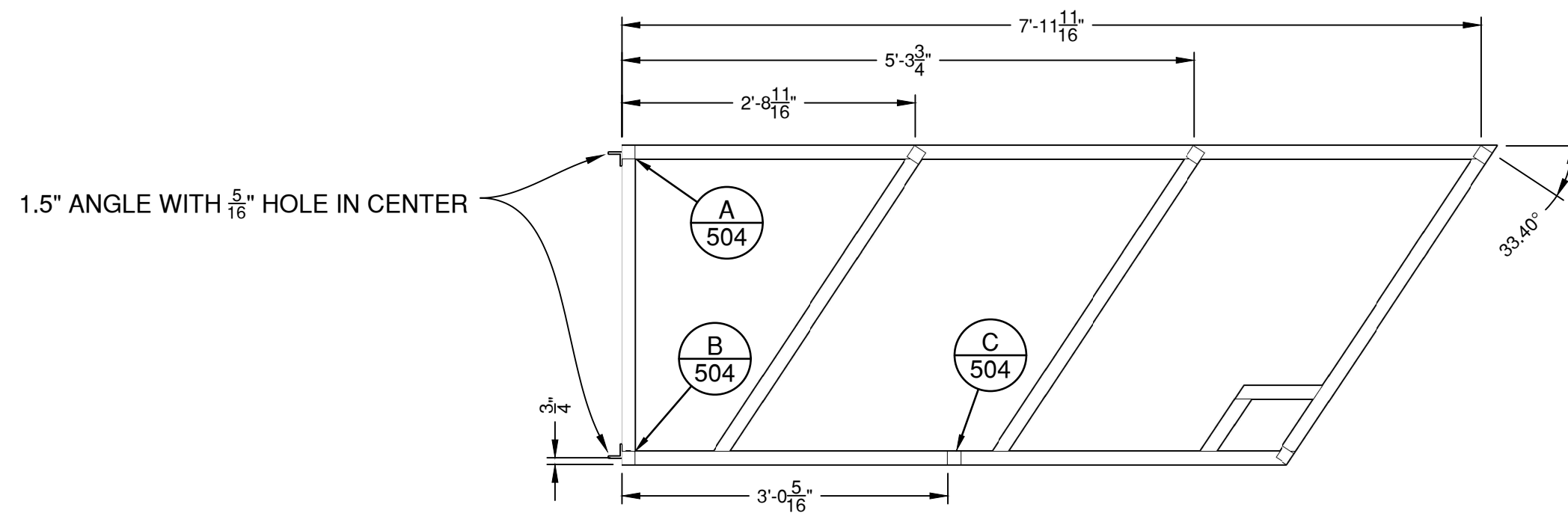
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MATERIAL	QUANTITY

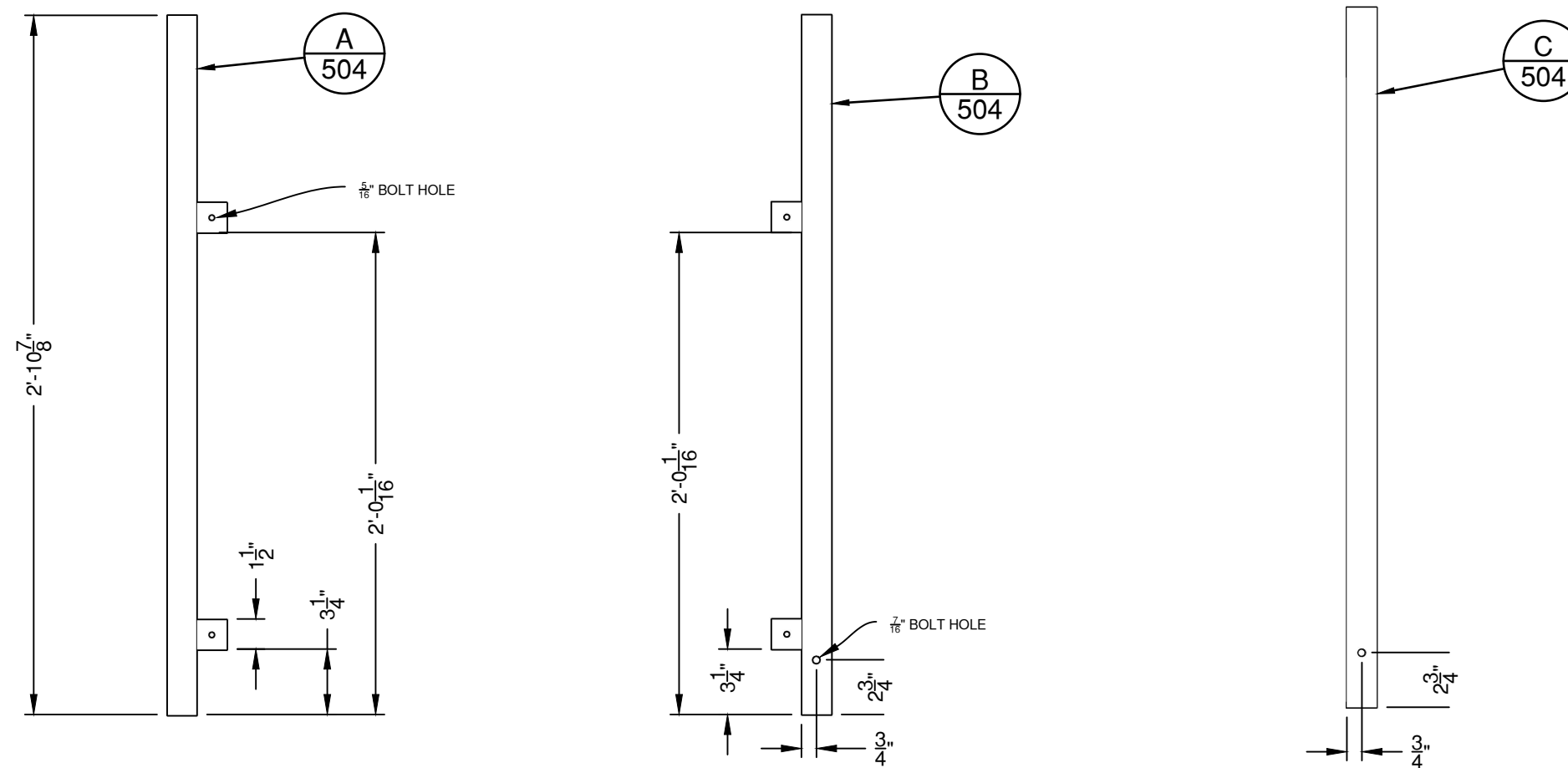
SCALE: AS NOTED

503

JOSEPH



1 LEG PLACEMENT TOP VIEW
504 1.5"x.065 BOX CONST. 3/4" = 1'
WELD 2 SIDES, GRIND ANY AND ALL FACE WELDS
BUILD 2 (REVERSE AND REPEAT FOR THE SECOND UNIT)
7 LEGS PER UNIT



2 LEG DETAIL FRONT VIEW
504 BOLT HOLE SIZE INDICATED 1-1/2" = 1'

MS PLATFORMS

LEGS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/8/2019
INVENTORY CODE:	JO - MSP
FILE:	JO-500- MSP

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

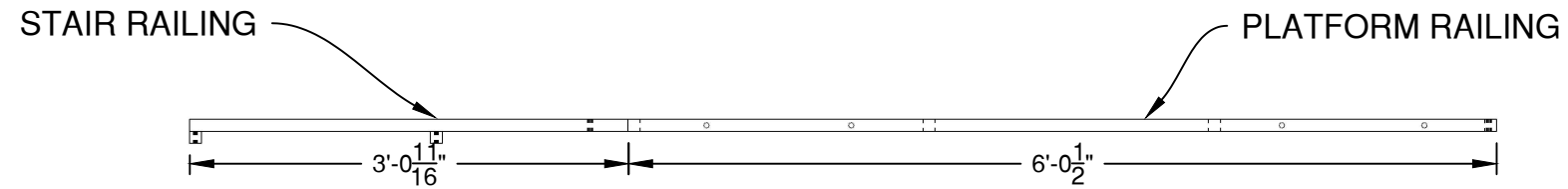
MATERIAL	QUANTITY

SCRAP USED

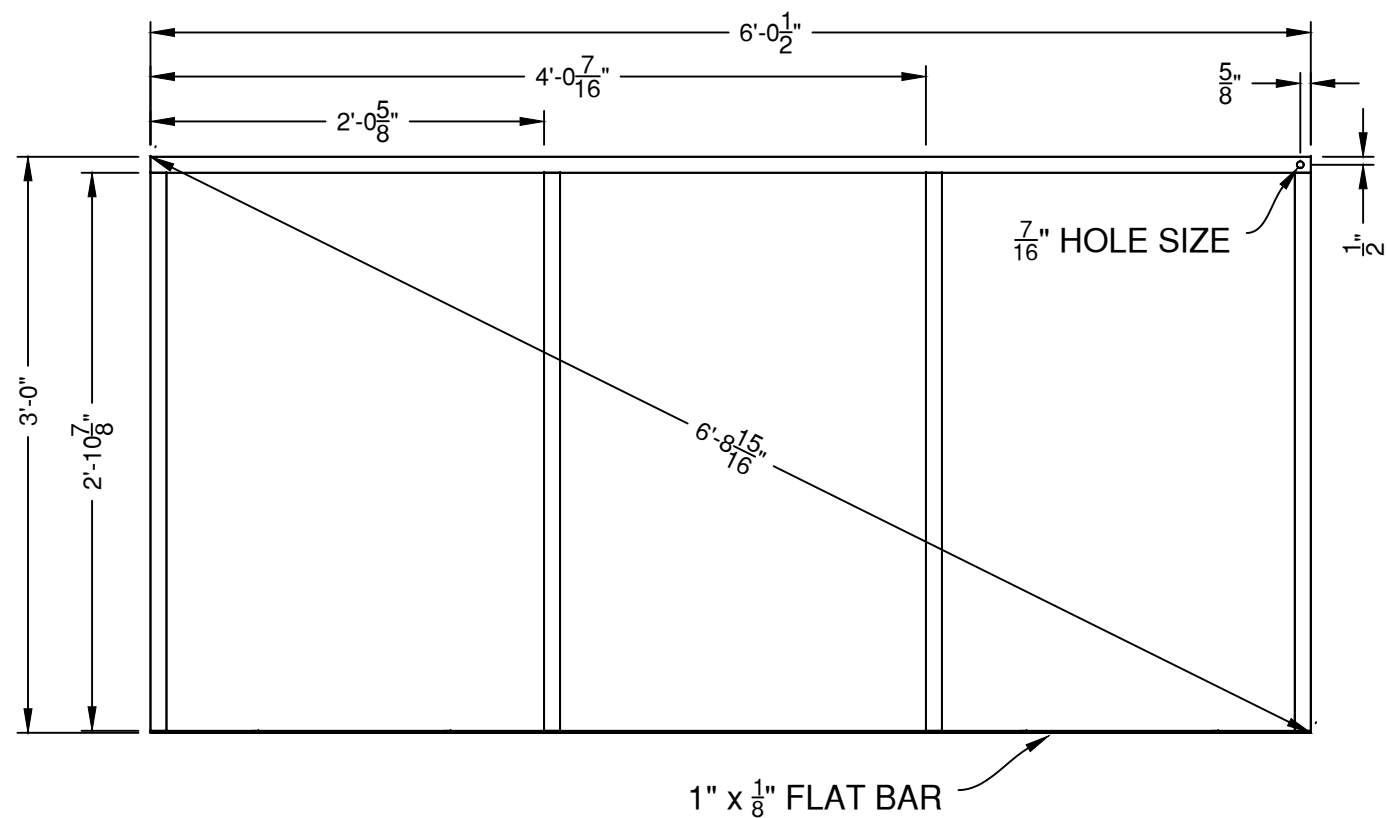
MATERIAL	QUANTITY

SCALE: AS NOTED

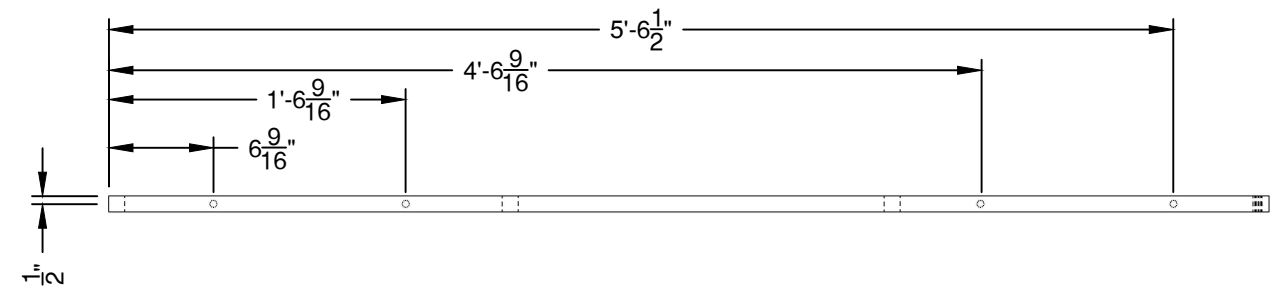
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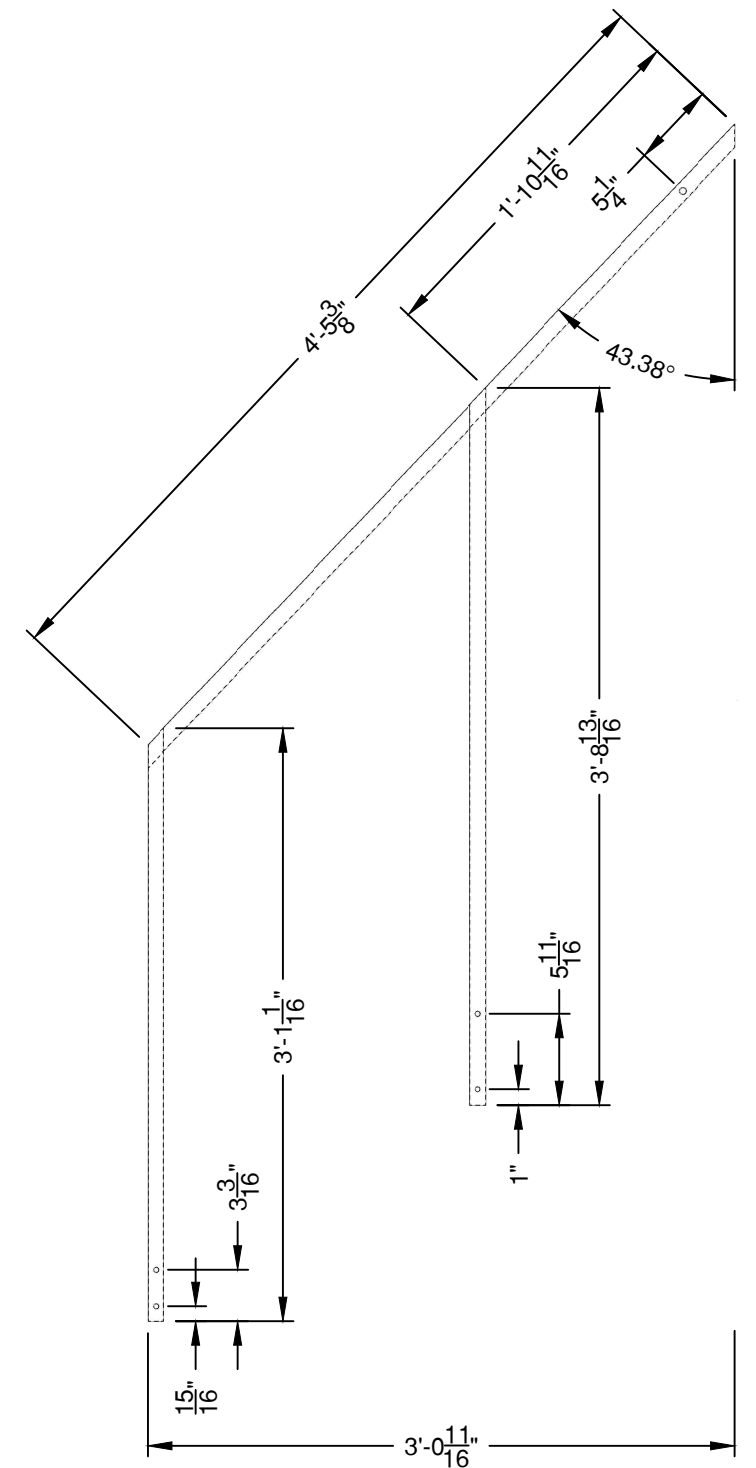
1 TOP VIEW: STAIR & PLATFORM RAILING
505 1"x.065 BOX CONST. 3/4" = 1'
WELD FILLETS
BUILD 2 (REVERSE AND REPEAT FOR THE SECOND UNIT)



2 FRONT VIEW: PLATFORM RAILING
505 WELD FILLETS 1" = 1'



3 TOP VIEW: 1" x 1/8" FLAT BAR HOLE PLACEMENT
505 BOLT HOLE SIZE IS 5/16" 1" = 1'



4 FRONT VIEW: STAIR RAILING
505 WELD FILLETS 1" = 1'
BOLT HOLE SIZE ON THE VERTICALS ARE 5/16" (CENTERED)
BOLT HOLE SIZE ON THE HAND RAIL IS 7/16" (CENTERED)
REMIINDER VERTICALS ARE ON THE FACE OF THE RAIL

JOSEPH

MS PLATFORMS	
RAILING	
DIRECTOR: BRAD CARROL	
DESIGNER: JASON LAJKA	
TECH DIRECTOR: T. FAGERHOLM	
DWG BY: MDB	DATE: 5/8/2019
INVENTORY CODE: JO - MSP	
FILE: JO-500- MSP	

BUILD TIME	
DATE	HOURS (Closest 1/4 hour)

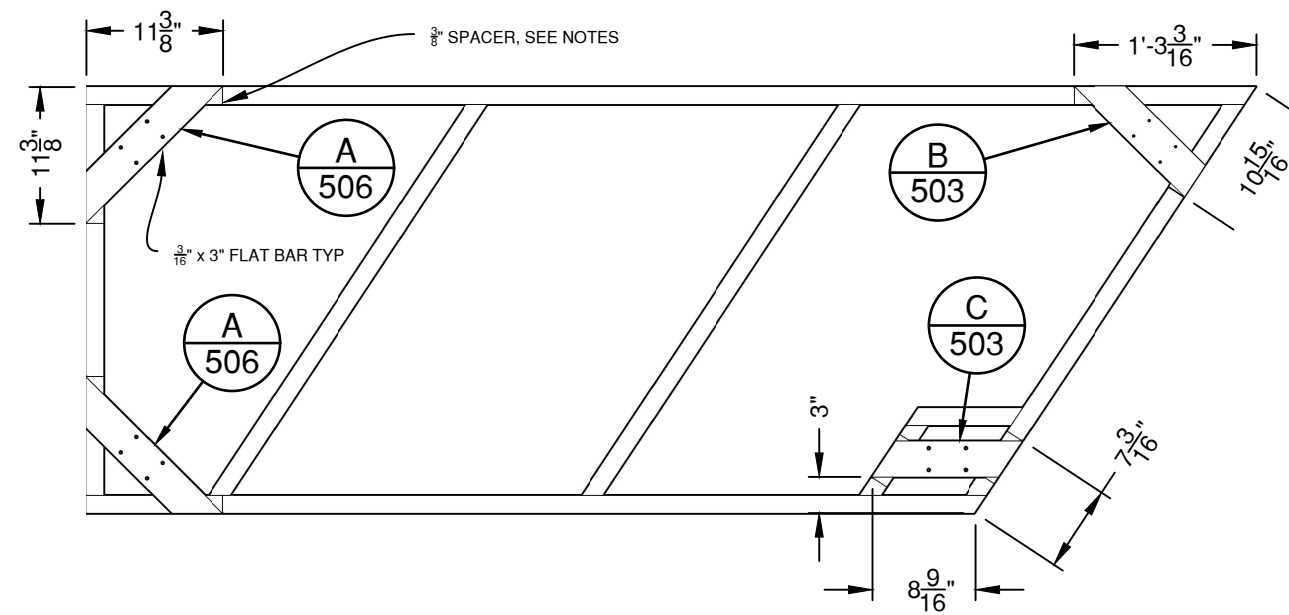
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

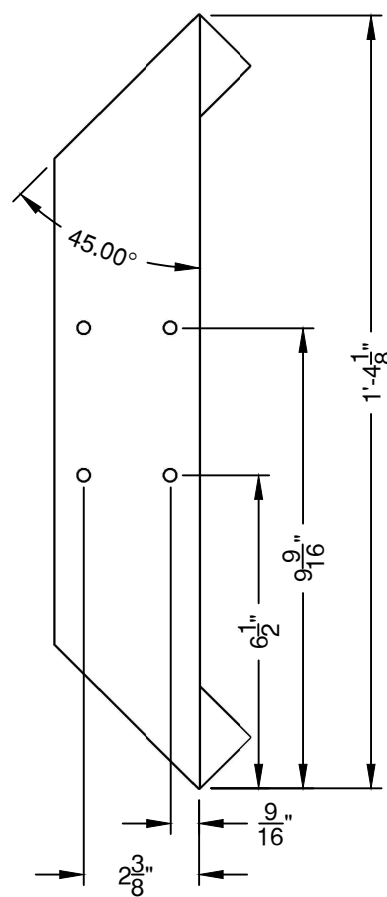
SCALE: AS NOTED

505

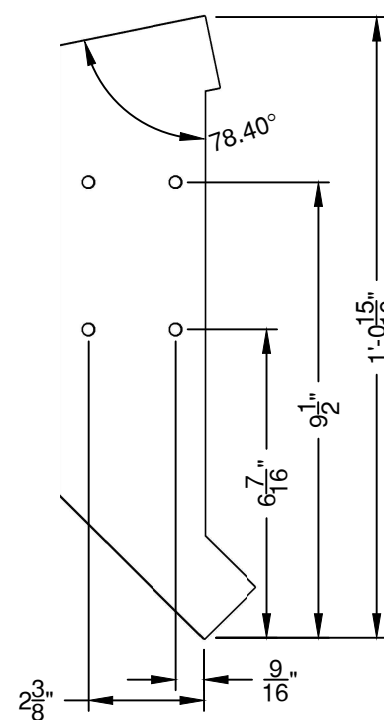
JOSEPH



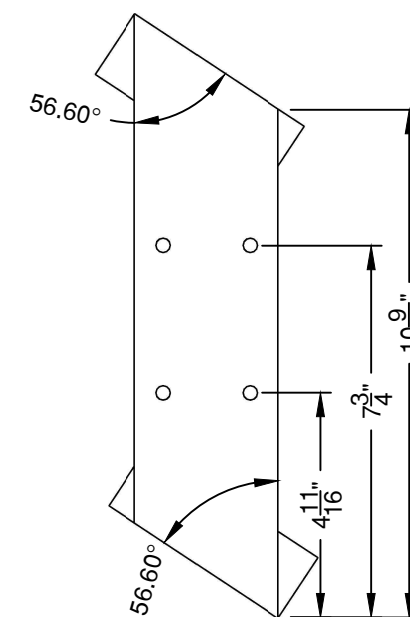
1 CASTER PLATE PLACEMENT TOP VIEW
506 3/16" x 3" FLAT BAR (CASTER PLATES) 3/4" = 1'
3/8" SPACER, (CAN BE (2) PIECES OF 3/16" FLAT BAR WELDED)
BUILD 2 (REVERSE AND REPEAT FOR THE SECOND UNIT)
WELD 2 SIDES, GRIND ANY AND ALL FACE WELDS



2 CASTER PLATE A TOP VIEW
506 BOLT HOLES ON TOP ARE 5/16" 3" = 1'
MAKE 4



3 CASTER PLATE B TOP VIEW
506 BOLT HOLES ON TOP ARE 5/16" 3" = 1'
ANGLE NOT NOTATED IS 45 DEGREES
MAKE 2



4 CASTER PLATE B TOP VIEW
506 MAKE 2 3" = 1'

MS PLATFORMS

CASTER PLATES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/8/2019
INVENTORY CODE:	JO - MSP
FILE:	JO-500- MSP

BUILD TIME

DATE	HOURS (Closest 1/2 hour)

MATERIALS USED

MATERIAL	QUANTITY

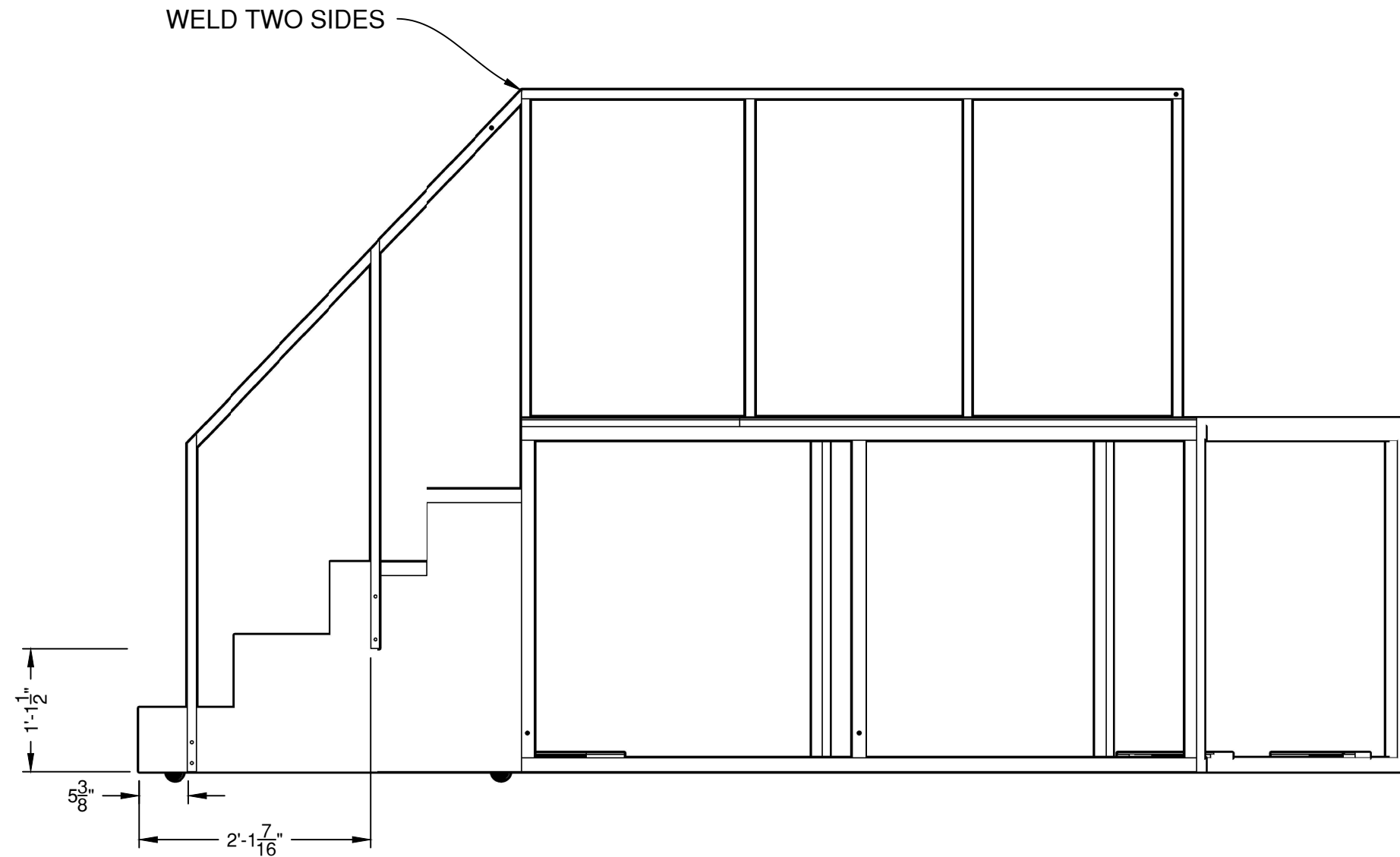
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

506

JOSEPH



1 FRONT VIEW
507 PLUG ANY ONSTAGE OPEN BOX ENDS 3/4" = 1'
GRIND ANY AND ALL FACE WELDS
REVERSE AND REPEAT FOR THE SECOND UNIT

MS PLATFORMS ASSEMBLY

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/8/2019
INVENTORY CODE:	JO - MSP
FILE:	JO-500- MSP

BUILD TIME	
DATE	HOURS (Closest 1/4 hour)

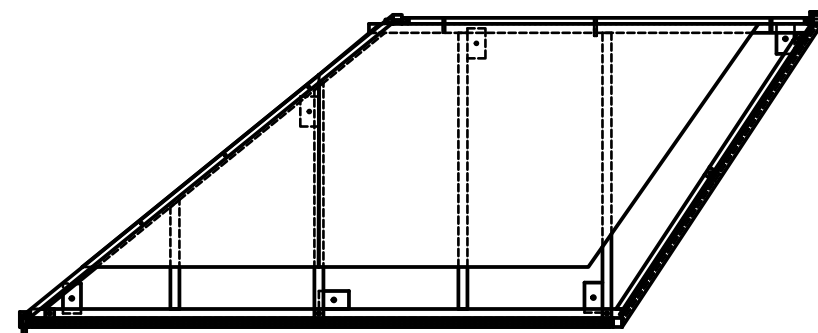
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

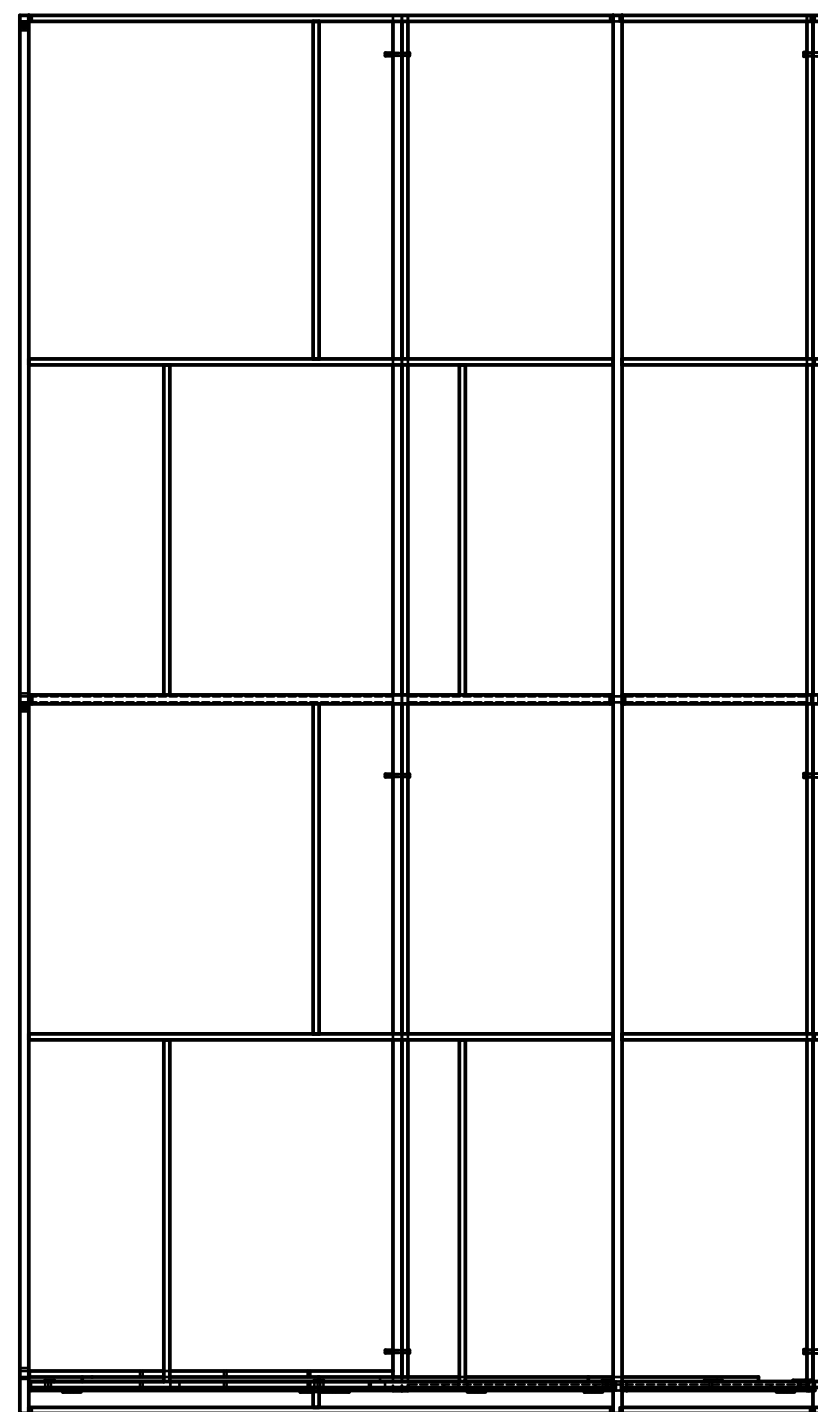
SCALE: AS NOTED

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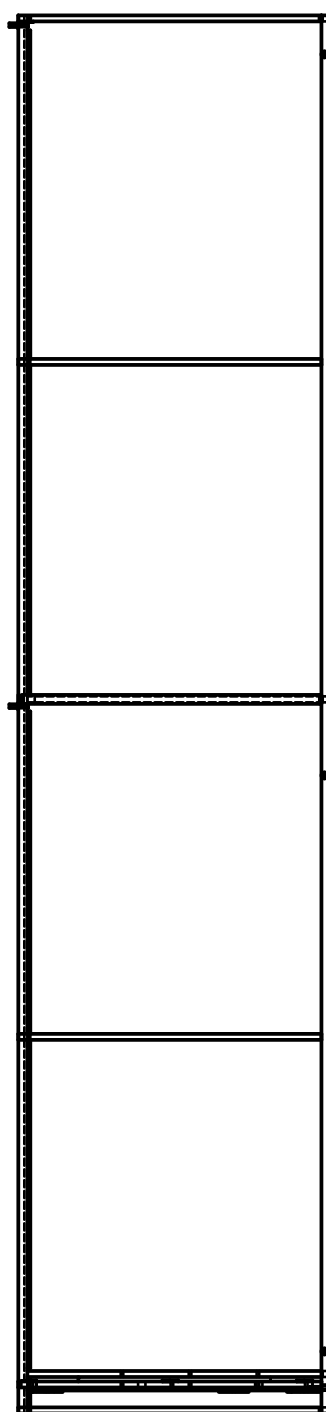
JOSEPH



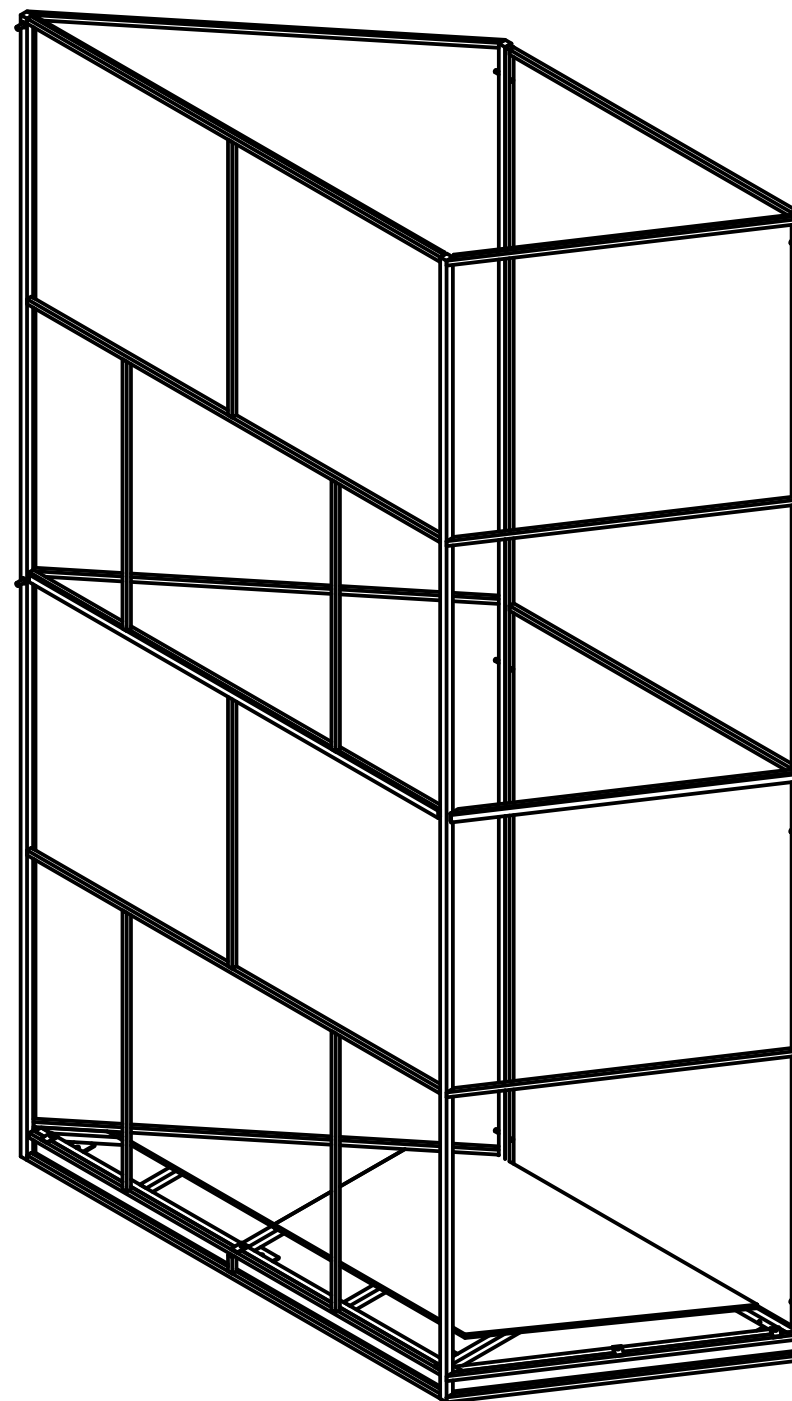
TOP VIEW



FRONT VIEW



SIDE VIEW



ISO VIEW

1
600

ORTHOGRAPHIC PROJECTION: USR LIGHT BOX
 STEEL FRAME CONSTRUCTION
 BUILD 2 (R&R FOR SECOND)
 WELD 2 SIDES (FILLETS AND/OR FACES)
 GRIND DS & ONSTAGE FACE WELDS
 POLY CYC WRAPPED AFTER CONSTRUCTION

3/8"=1'-0"

US LIGHT BOX

STEEL FRAME

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	4/16/19
INVENTORY CODE:	JO-UBX
FILE:	600- US LIGHT BOXES

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

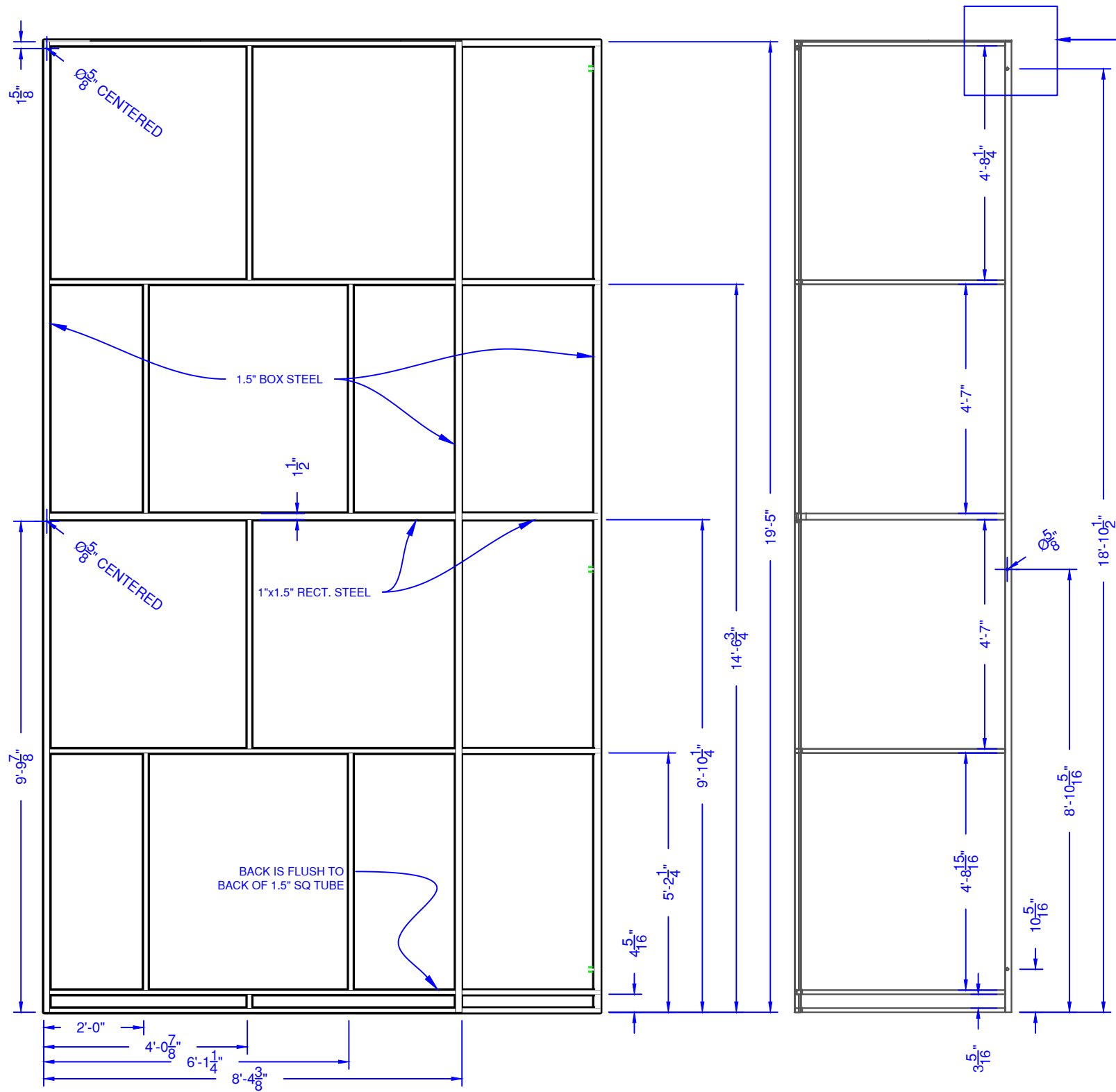
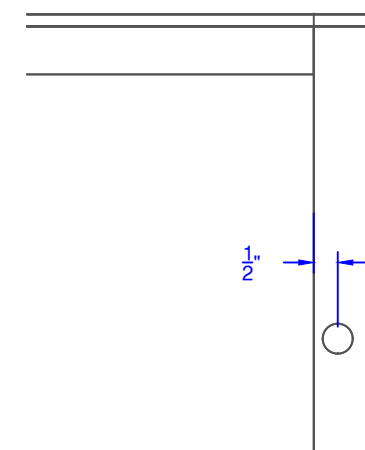
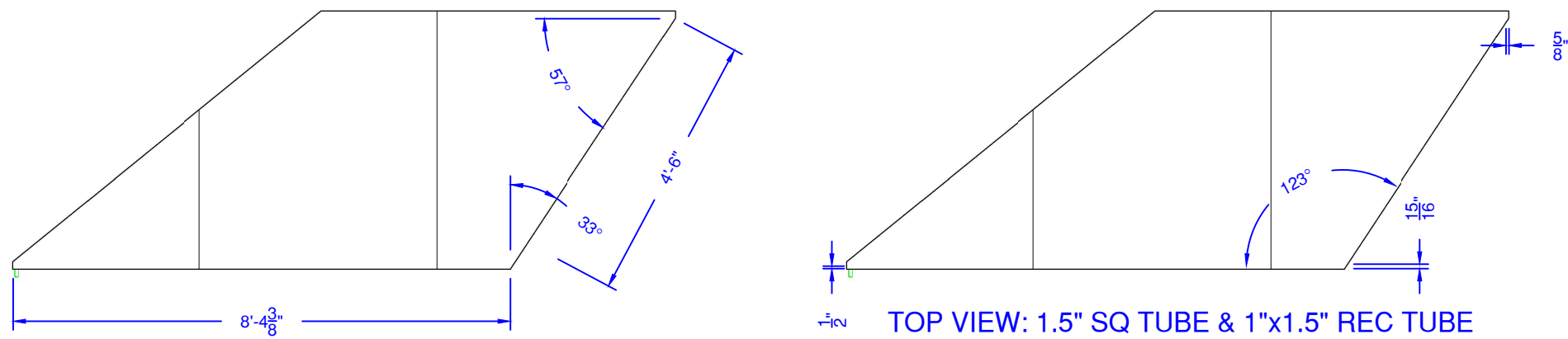
SCRAP USED

MATERIAL	QUANTITY

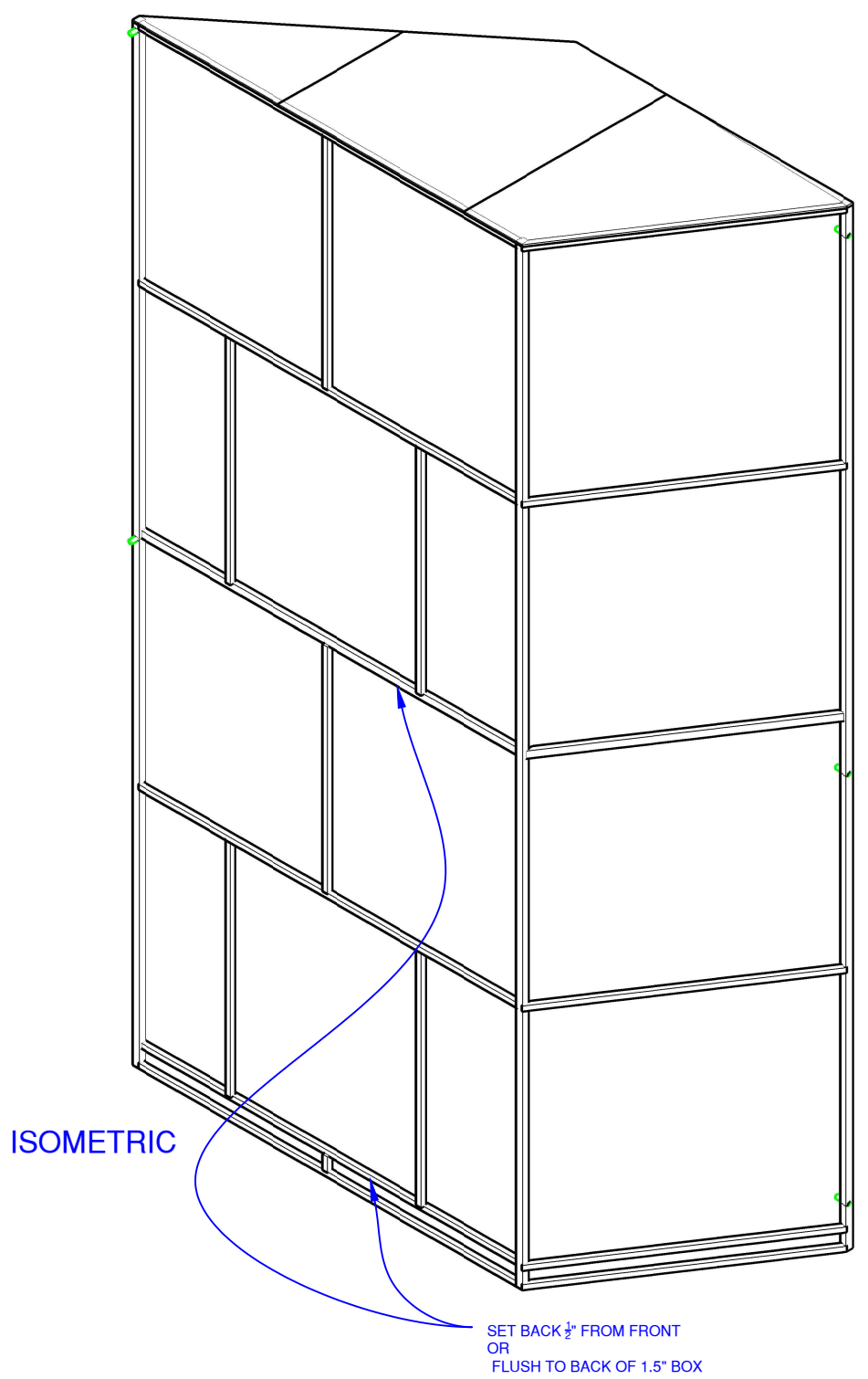
SCALE: AS NOTED

600

JOSEPH



2 601 HORIZONTAL HOLE PLACEMENT 3"=1'-0"



1 601 ORTHOGRAPHIC: USR LIGHT BOX FRONT FRAME SIDE 3/8"=1'-0"

- 1.5"x.065 SQ TUBE WHERE NOTED
- 1"x1.5" REC TUBE WHERE NOTED
- 1" SQ TUBE CONST. UNLESS NOTED
- BUILD 2 (2ND IS R&R)
- WELD 2 SIDES (FILLET AND/OR FACES)

US LIGHT BOX

DS STEEL FRAME

DIRECTOR: BRAD CARROL
 DESIGNER: JASON LAJKA
 TECH DIRECTOR: T. FAGERHOLM
 DWG BY: MDB & TKJ DATE: 4/16/19
 INVENTORY CODE: JO-UBX
 FILE: 600- US LIGHT BOXES

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

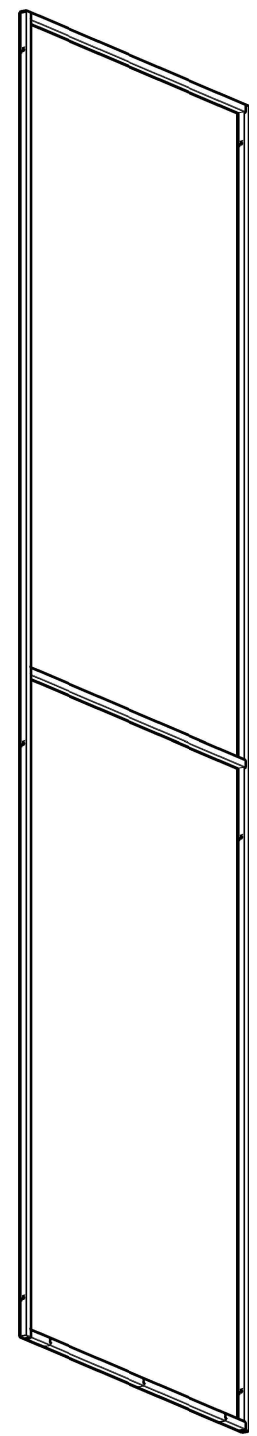
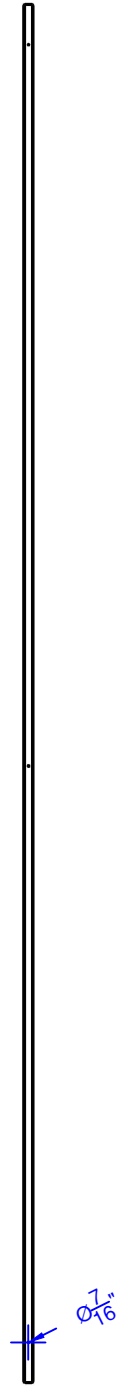
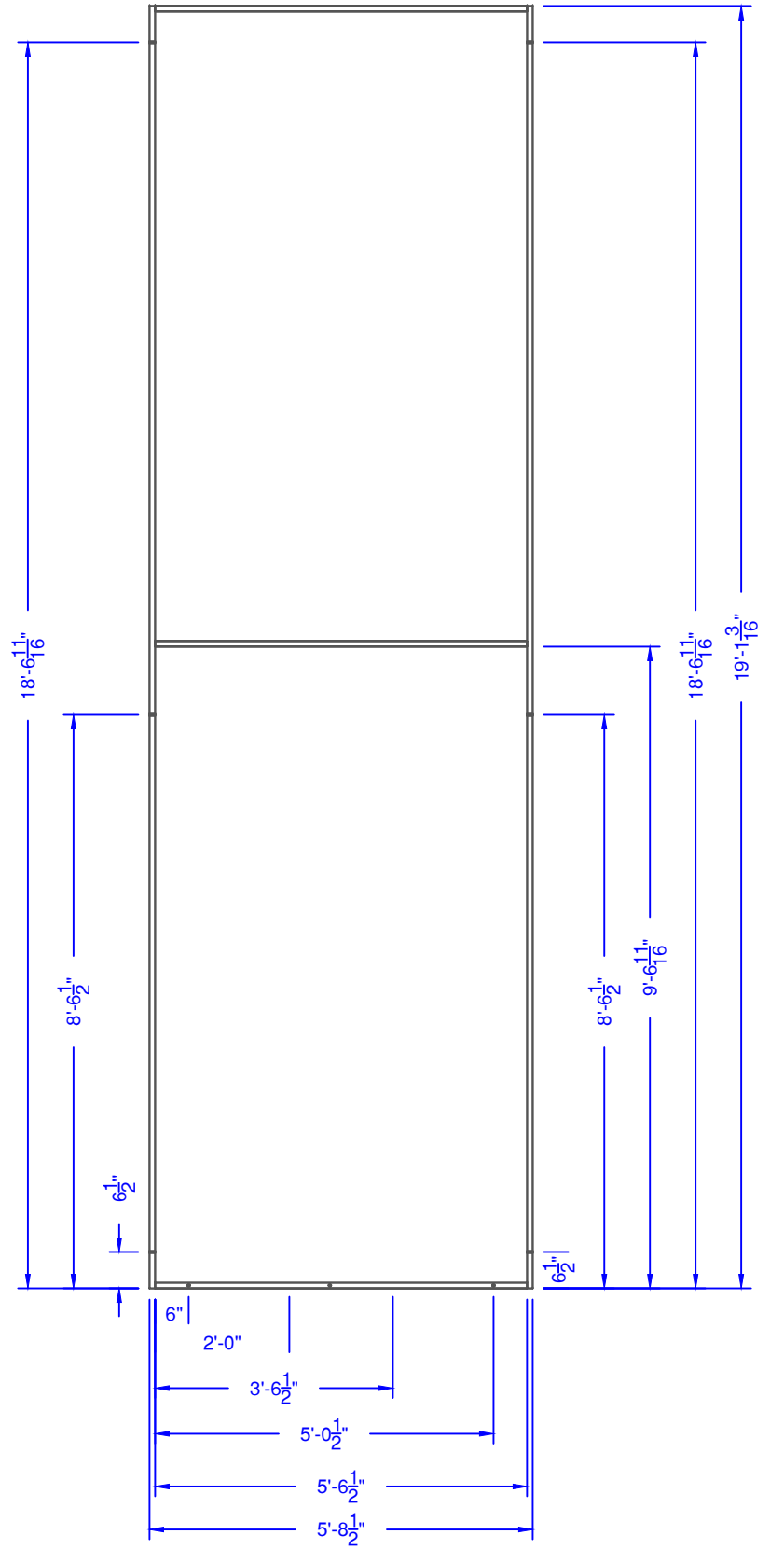
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

601

JOSEPH



ISOMETRIC

1 ORTHOGRAPHIC: DSR LIGHT BOX REAR FRAME SIDE
602 1" SQ TUBE CONST. 3/8"=1'-0"
BULD 2 (2ND IS FOR STAGE LEFT R&R)
HOLES ARE SYMMETRICAL ON EACH SIDE & CENTERED ON STEEL
WELD 2 SIDES (FILLET'S AND/OR FACES)

US LIGHT BOX

US FRAME

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB & TKI
DATE:	4/21/19
INVENTORY CODE:	JO-UBX
FILE:	600-US LIGHT BOXES

BUILD TIME

DATE	HOURS (Closest # Hour)

MATERIALS USED

MATERIAL	QUANTITY

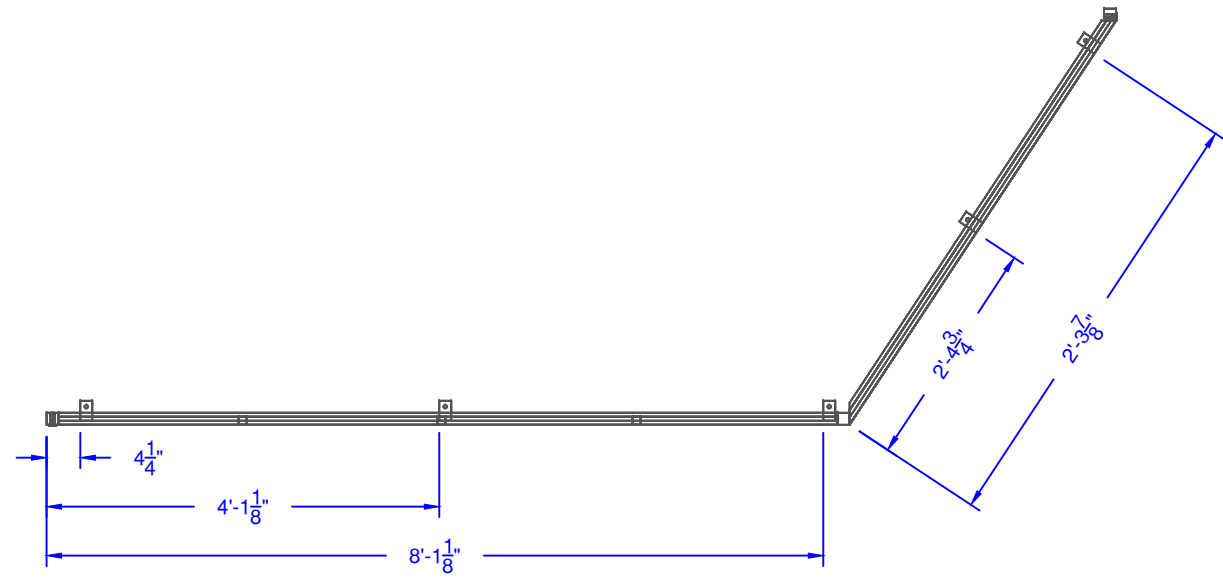
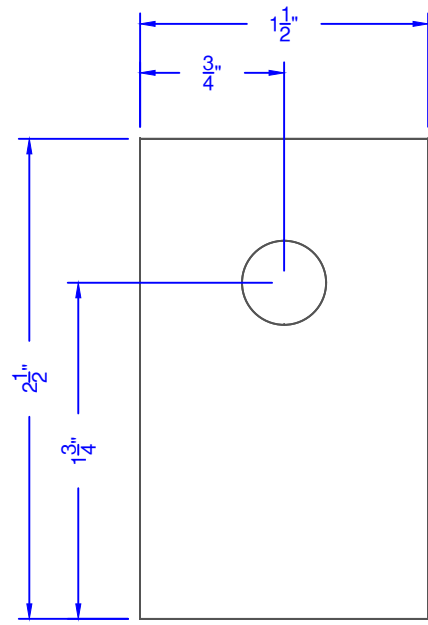
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

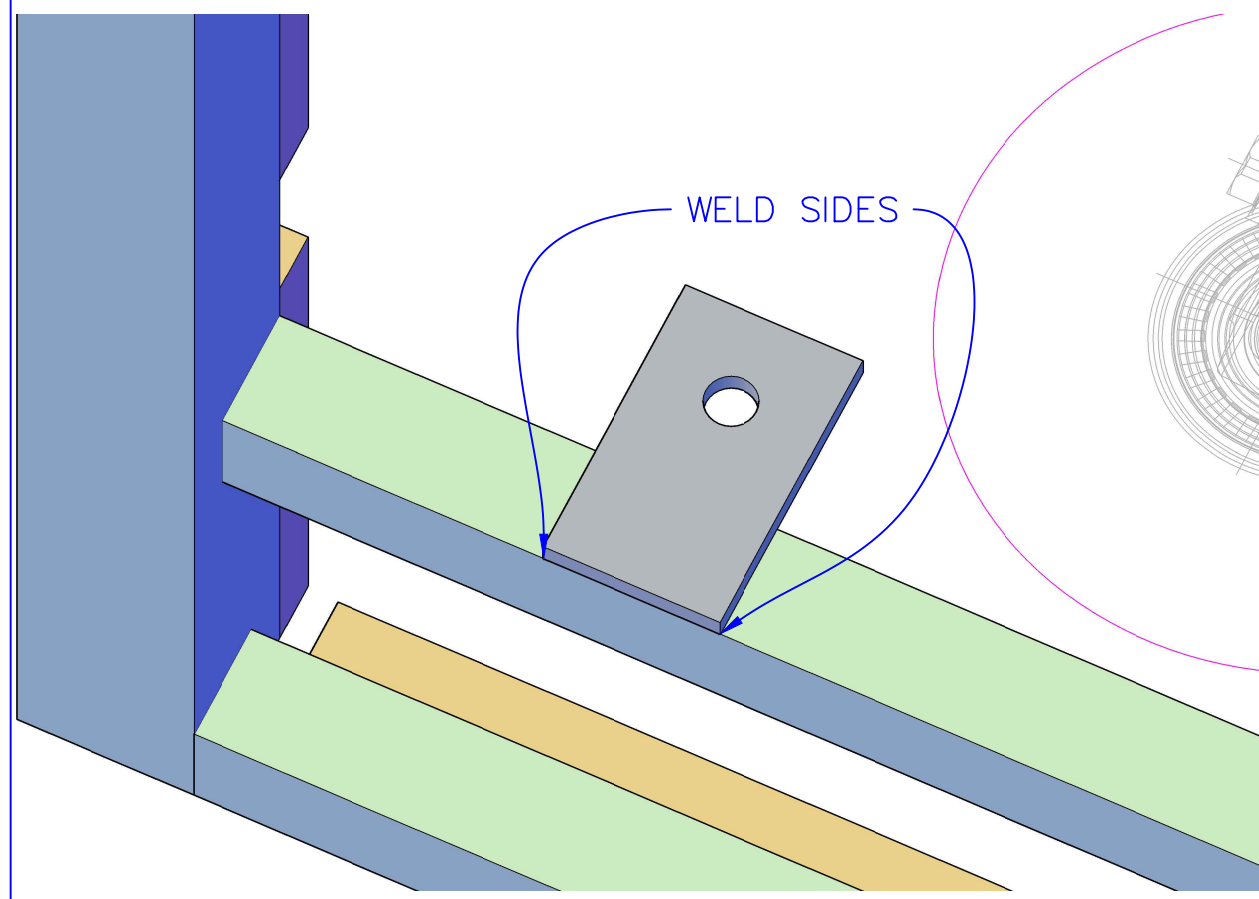
602

JOSEPH

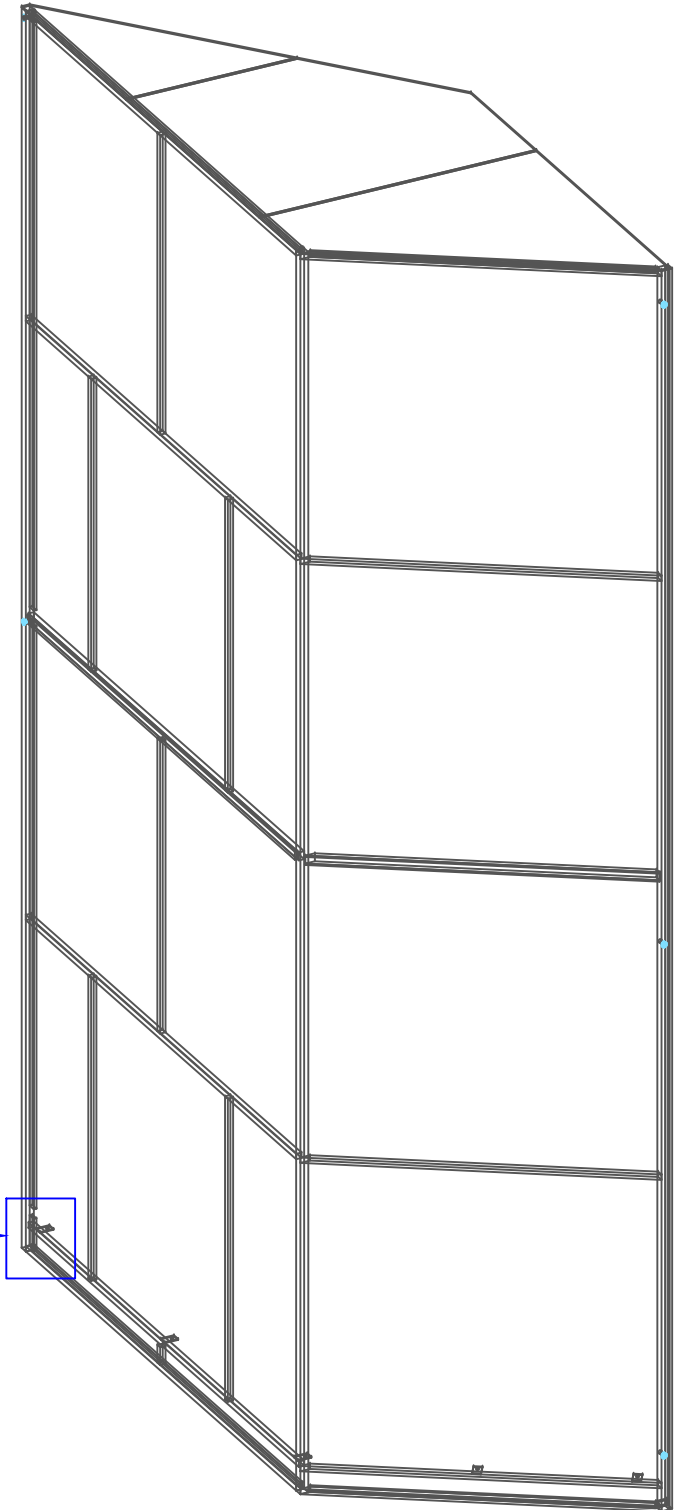


1 TOP VIEW TABS
 603 3/16"x2" FLAT BAR FULL
 MAKE 10 (5 ARE FOR STAGE LEFT)

2 TOP VIEW TAB LAYOUT
 603 TABS PLACED ON 2ND FROM BOTTOM HORIZONTAL 1/2"=1'-0"
 OTHER UNIT IS R&R



3 ISOMETRIC
 603 WELD TWO SIDES OF TABS NTS
 OTHER UNIT IS R&R



4 DETAIL ISO
 603 WELD TWO SIDES OF TABS NTS

US LIGHT BOX

DS WALL TABS

DIRECTOR: BRAD CARROL
 DESIGNER: JASON LAJKA
 TECH DIRECTOR: T. FAGERHOLM
 DWG BY: MDB & TKI DATE: 4/21/19
 INVENTORY CODE: JO-UBX
 FILE: 600- US LIGHT BOXES

BUILD TIME

DATE	HOURS (Closest # Hour)

MATERIALS USED

MATERIAL	QUANTITY

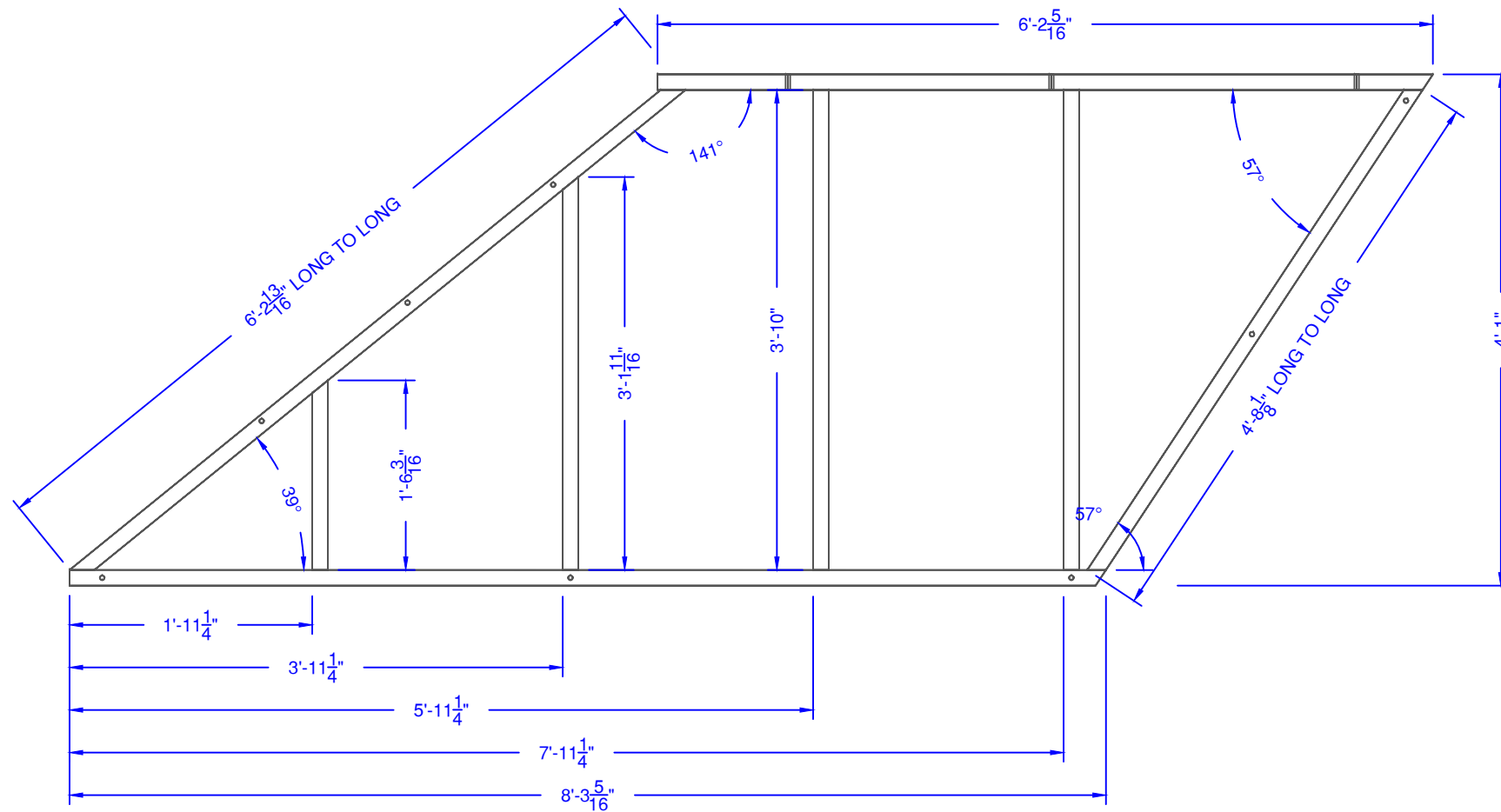
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MATERIAL	QUANTITY

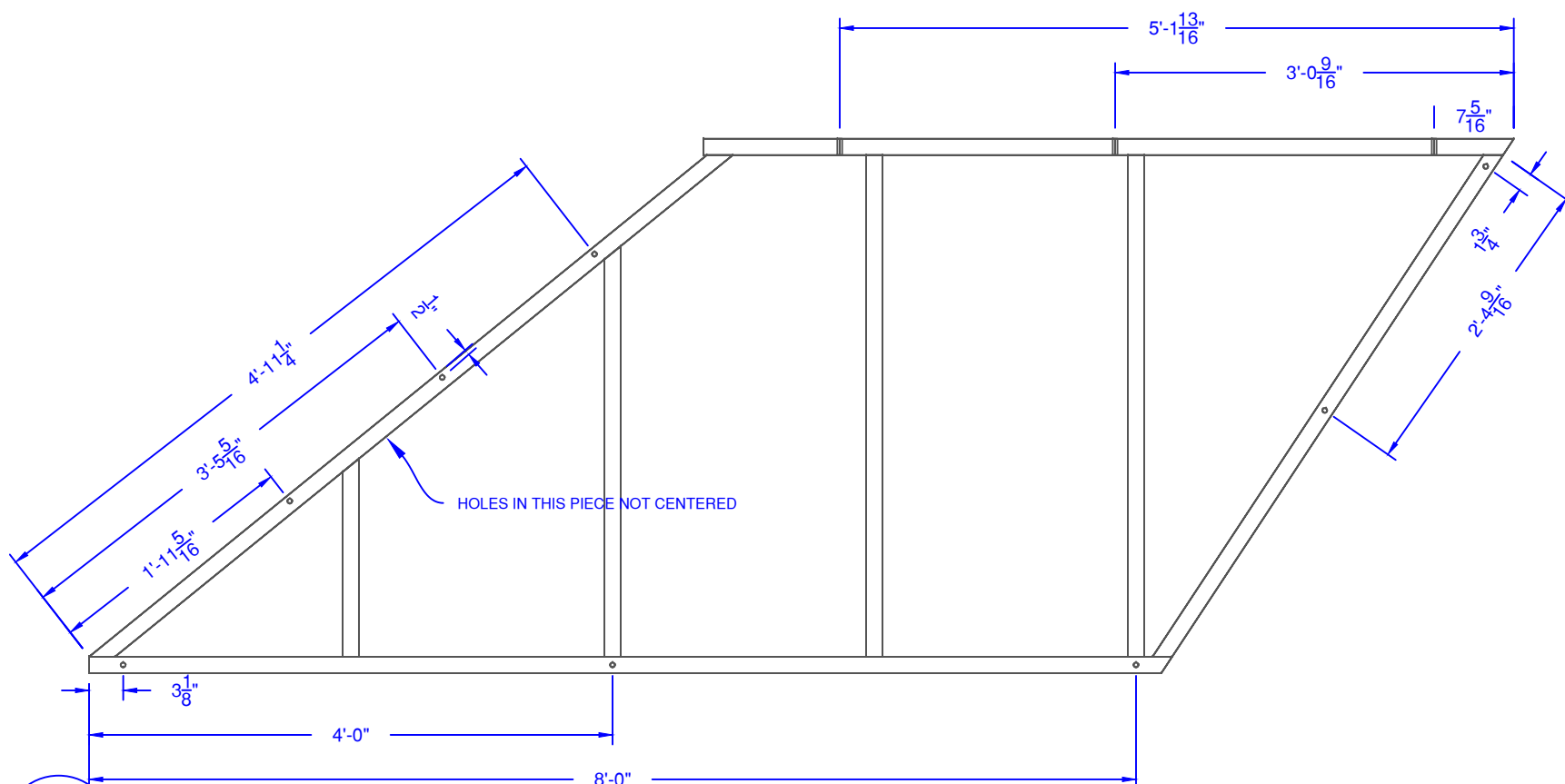
SCALE: AS NOTED

603

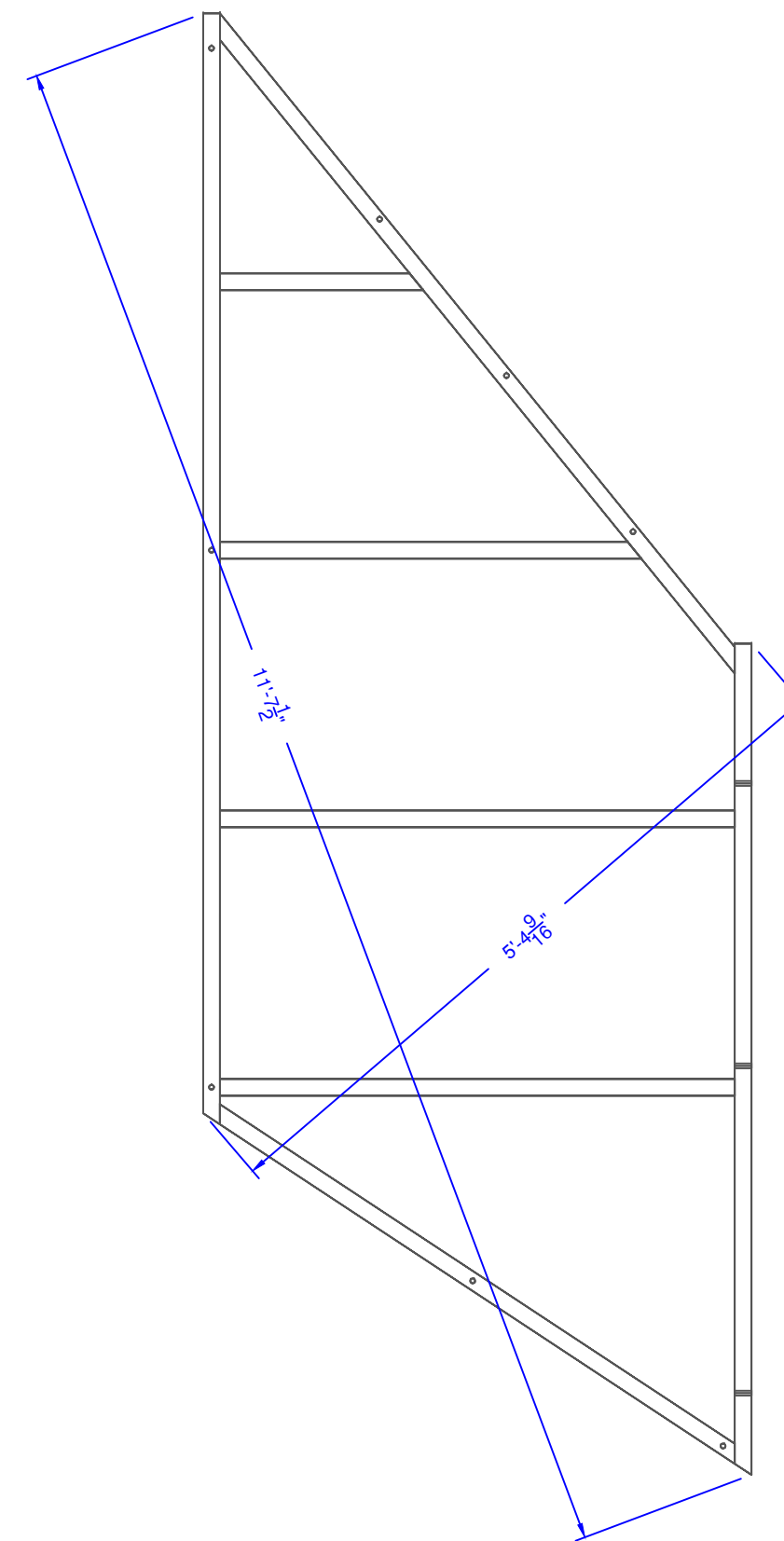
JOSEPH



1 TOP VIEW: DOWN STAGE FRAME
604 1.5" BOX STEEL CONSTRUCTION WELD FILLETS AND BOTTOM SHOULDN'T NEED TO GRIND BUILD 2 (2ND IS R&R)
3/4"=1'-0"



2 TOP VIEW: DOWN STAGE FRAME
604 BOLT HOLE LAYOUT HOLES ARE ALL 7/16" OTHER UNIT IS R&R
3/4"=1'-0"



3 TOP VIEW: DOWN STAGE FRAME
604 MORE DIMENSIONS
3/4"=1'-0"

US LIGHT BOX

US PLATFORMS

DIRECTOR: BRAD CARROL
DESIGNER: JASON LAJKA
TECH DIRECTOR: T. FAGERHOLM
DWG BY: MDB & TKJ DATE: 4/21/19
INVENTORY CODE: JO-UBX
FILE: 600-US LIGHT BOXES

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

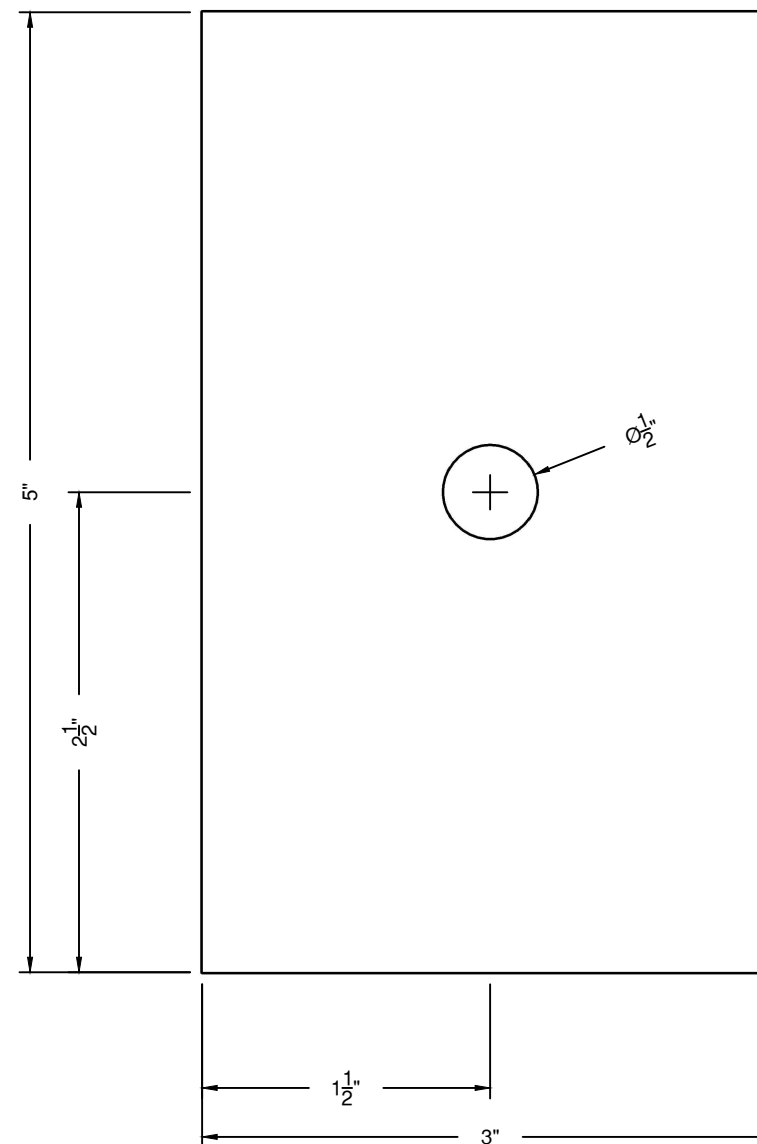
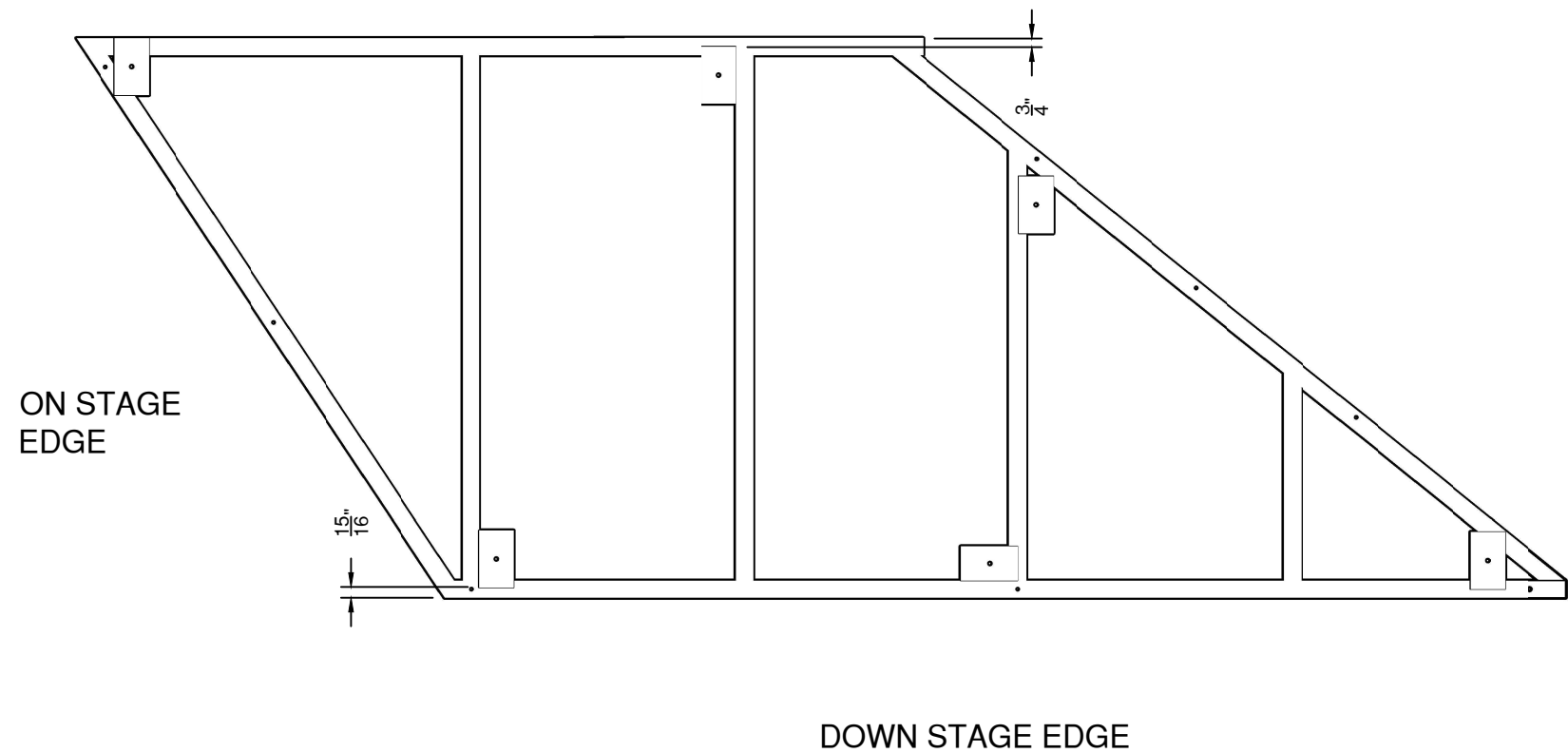
MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

604



1 BOTTOM VIEW: DS RIGHT WAGON - CASTER PLATE PLACEMENT
405 WELD AT LEAST TWO EDGES
 NOTE LOCATION OF CASTER PLATE TYPE 2
 USE COLSON STEM CASTERS 3.5"x1.25"
 3/4"=1'-0"

2 TOP VIEW: CASTER PLATE
605 3/16" FLAT BAR FULL
 MAKE 8 (4 FOR SL LIGHT BOX)
 DESIGNED FOR COLSON STEM CASTERS 3.5"x1.25"
 CHECK STOCK BEFORE BUILDING
 CHECK ACTUAL DIMS BEFORE BUILDING

US LIGHT BOX

CASTER PLATES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	MDB & TKJ
DATE:	4/21/19
INVENTORY CODE:	JO-UBX
FILE:	600- US LIGHT BOXES

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

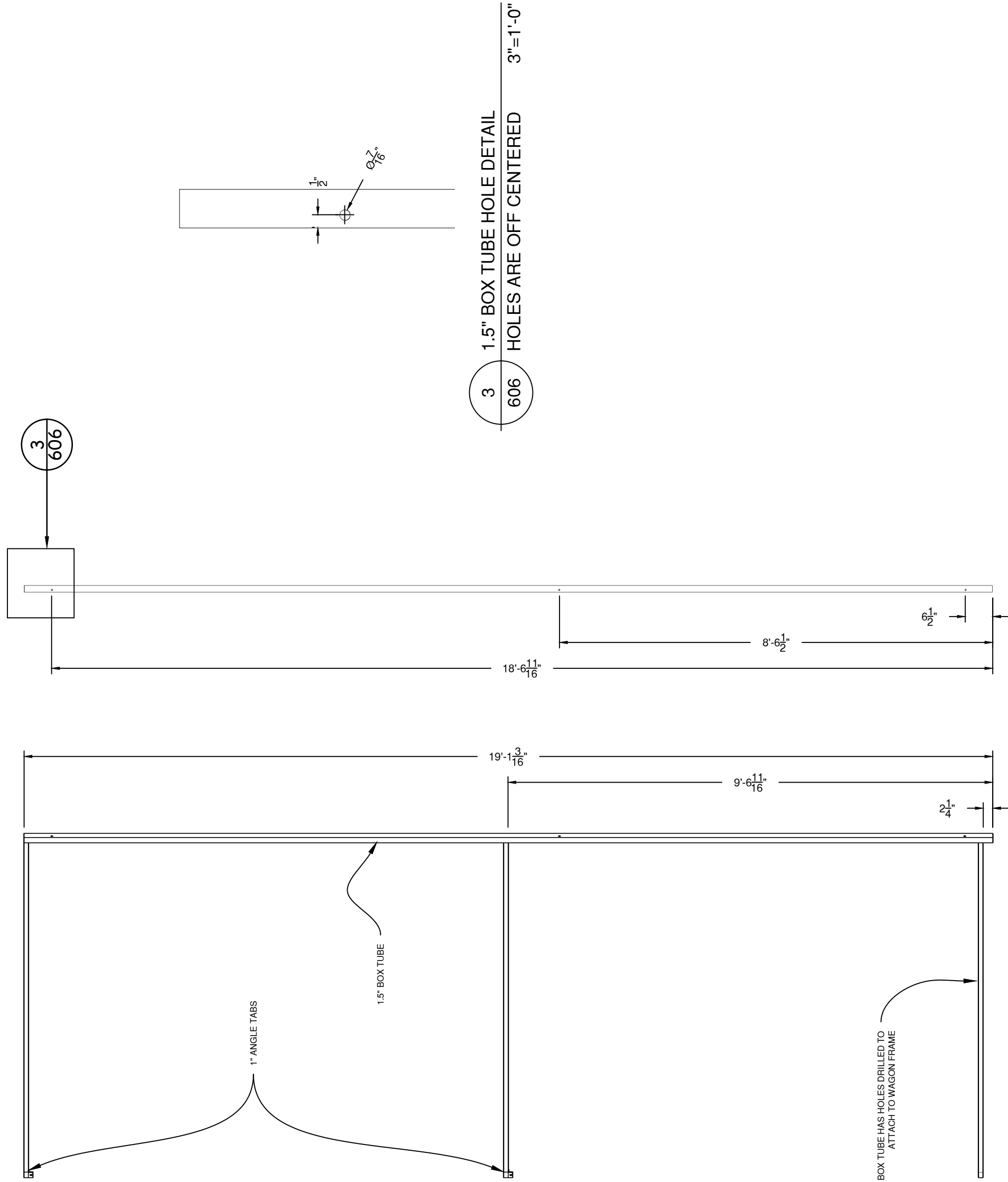
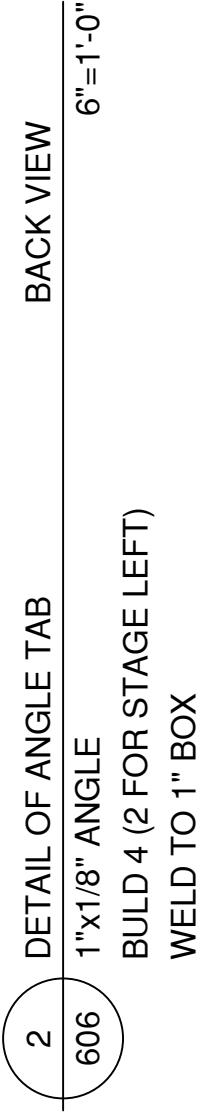
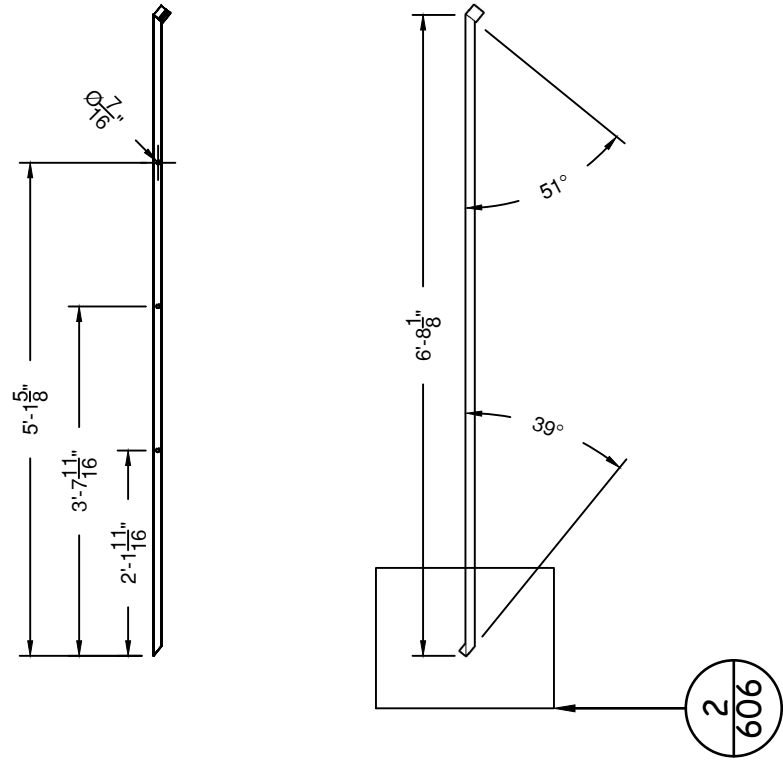
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

605

JOSEPH



1 FRONT VIEW: USR LIGHT BOX REAR FRAME 1.5" BOX TUBE HOLE LAYOUT
 606 1/2"=1'-0"

BUILD 2 (2ND IS R&R FOR STAGE LEFT)
 HOLES IN BOTTOM 1" BOX ARE CENTERED ON STEEL (SEE TOP VIEW)
 WELD 2 SIDES (FILLETS AND/OR FACES)

JOSEPH

US LIGHT BOX OFF STAGE FRAME

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB & TKR
DATE:	4/24/19
INVENTORY CODE:	JO-UBX
FILE:	600- US LIGHT BOXES

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

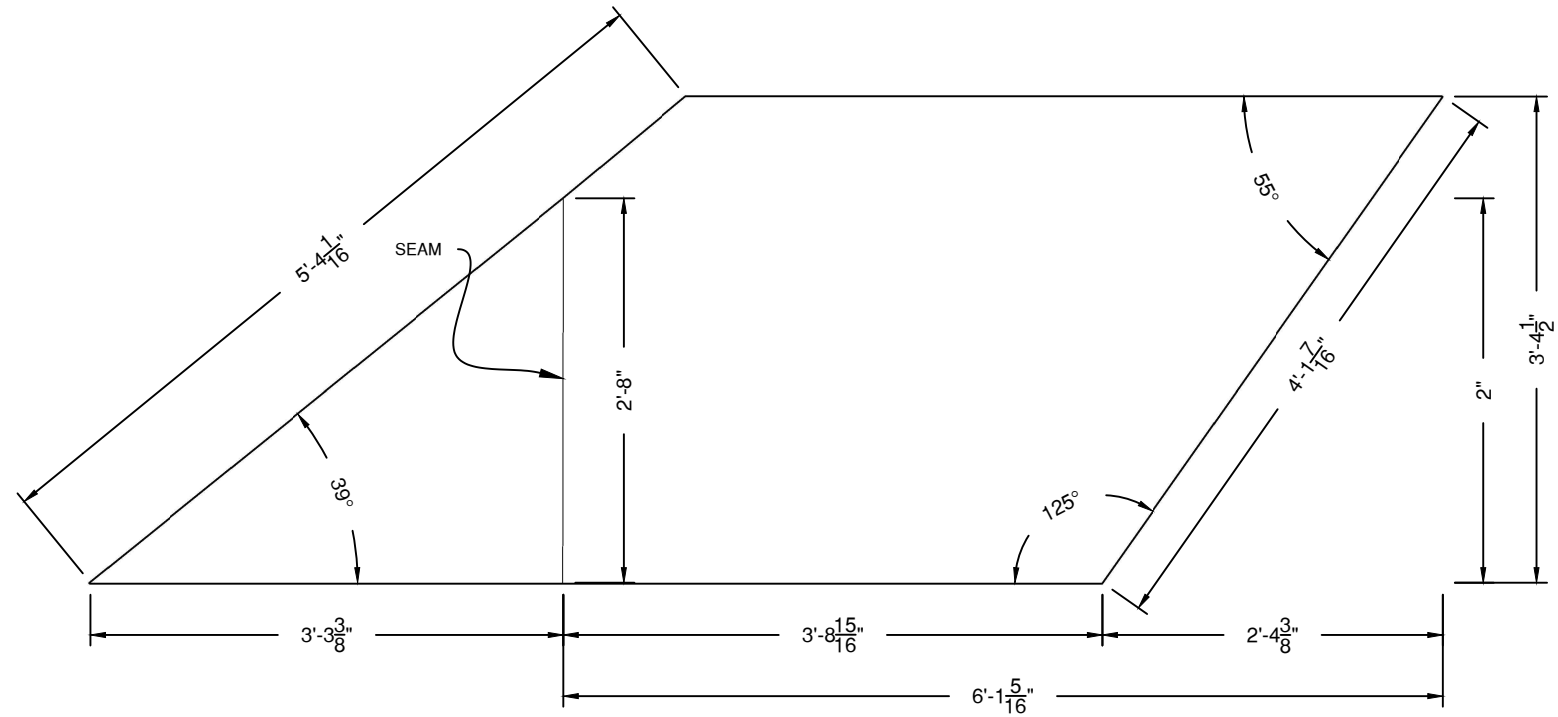
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

SCALE: AS NOTED

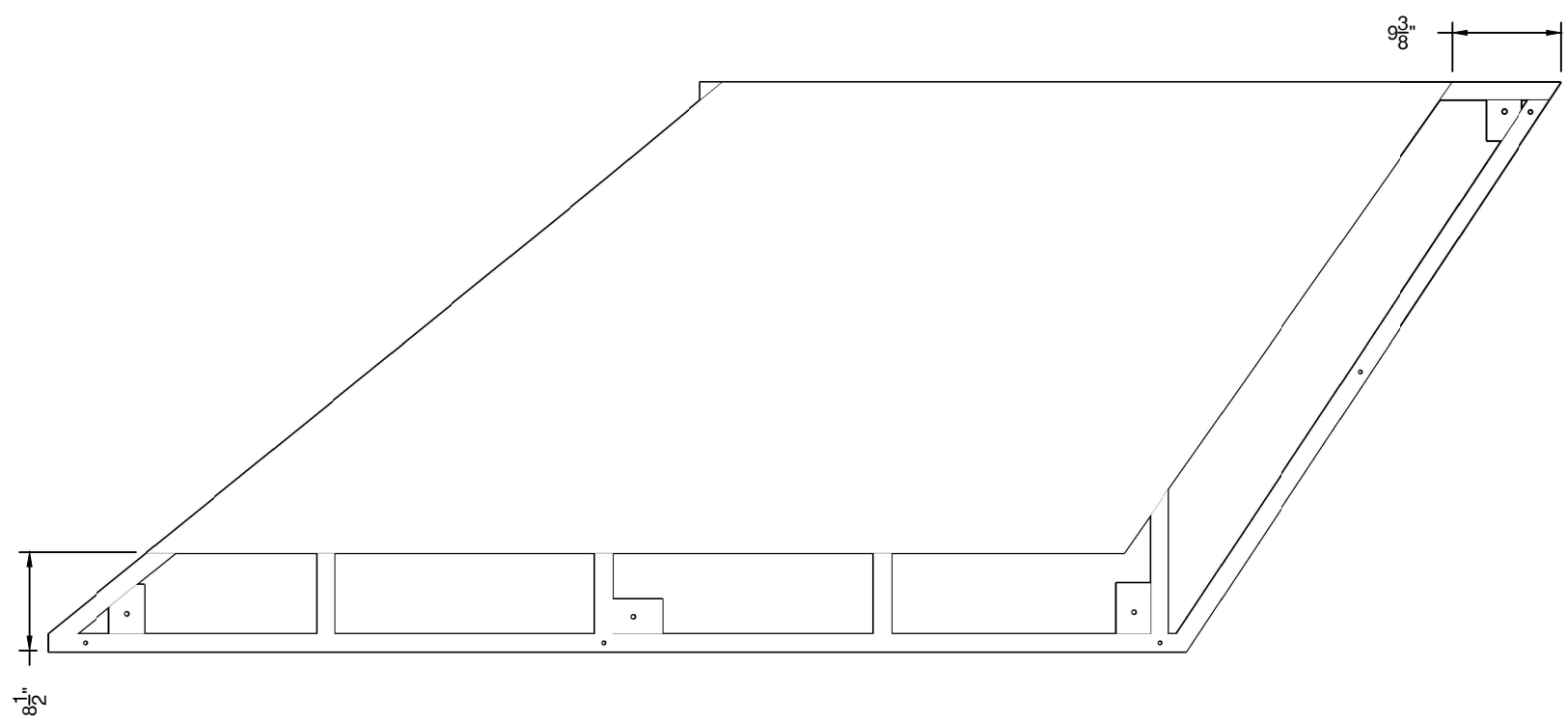
606

JOSEPH



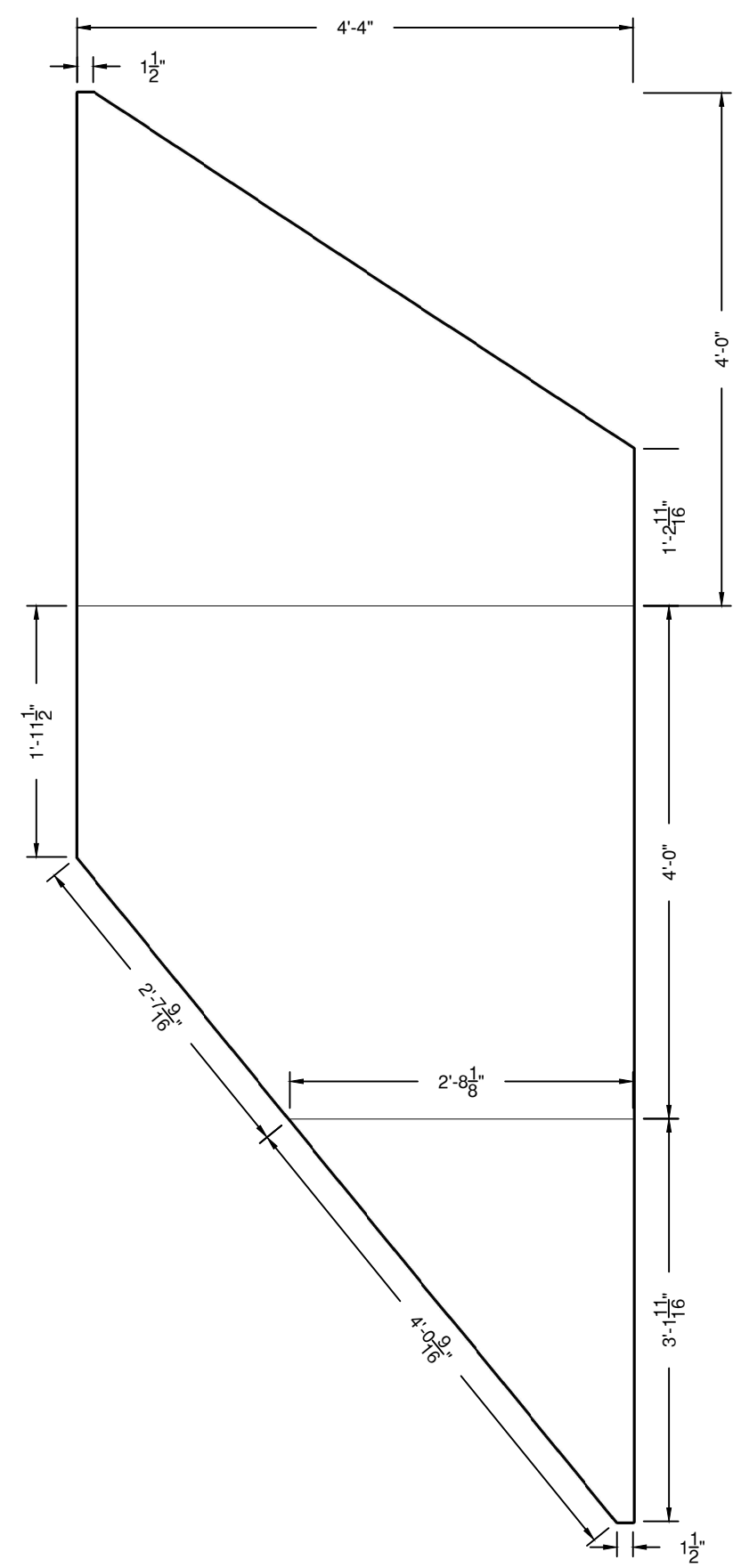
1 TOP VIEW: WAGON PLYWOOD
607 3/4" CDX PLYWOOD
CUT 2 OF EACH. (2ND IS R&R)

3/4"=1'-0"



2 TOP VIEW: DS RIGHT WAGON - PLY LAYOUT
607 PLYWOOD LAYOUT
NOTE LOCATION OF SEAM
PLY SET BACK FROM ONSTAGE AND DOWNSTAGE EDGES

3/4"=1'-0"



3 TOP VIEW: ROOF PIECE
607 1/4" OR 3/16" LAUAN
PLY OR 1X3 SEAM BUSTER ON BOTTOM. INSET 3" FROM EDGES
BUILD 2 (2ND IS R&R)
ATTACHES TO TOP OF BOX TUBE AFTER UNIT IS COVERED IN FABRIC

3/4"=1'-0"

US LIGHT BOX
PLAT PLY AND ROOF

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB & TKH
DATE:	4/29/19
INVENTORY CODE:	JO-UBX
FILE:	600- US LIGHT BOXES

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

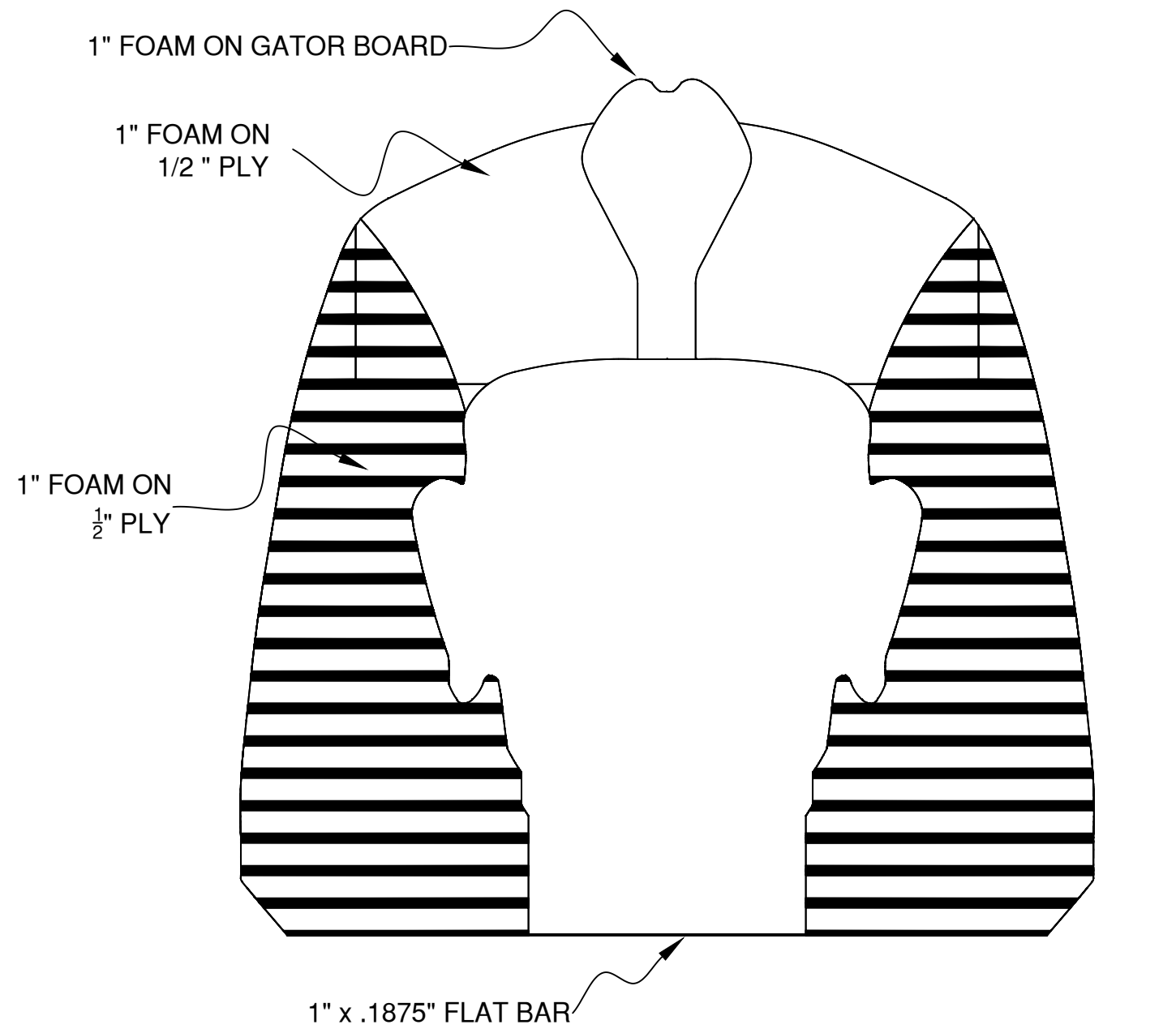
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

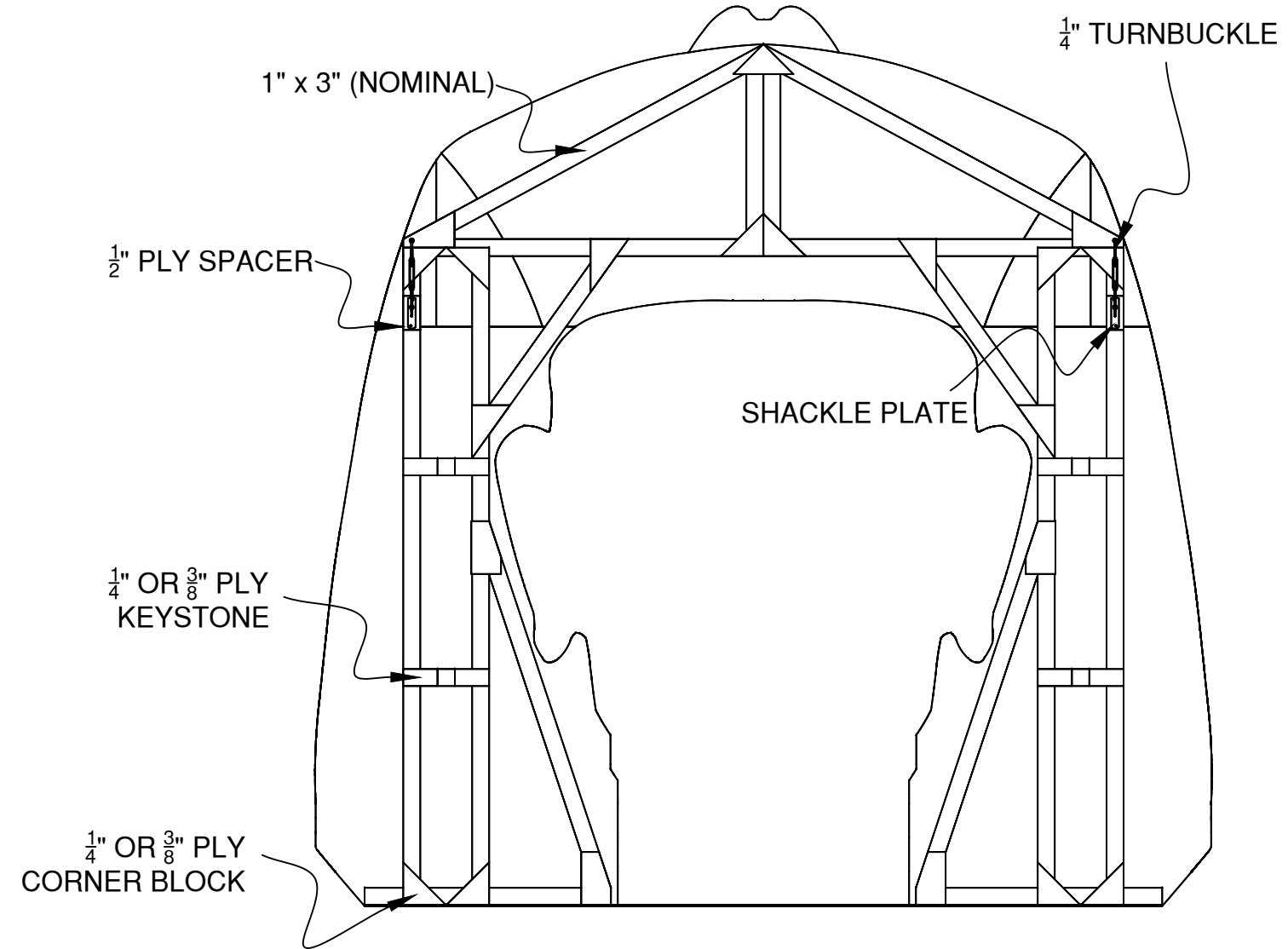
SCALE: AS NOTED

607

JOSEPH



1 FRONT VIEW
700 MATERIALS NOTED ABOVE
FOAM CUT ON CNC
RIGGED TO FLY
1/2"=1'-0"



2 REAR VIEW
700 MATERIALS NOTED ABOVE
BROADWAY FLAT CONST.
FLAT FRAMES ARE ON PLATE 701
CORNER BLOCKS AND KEYSTONES ARE ON PLATE 702
1/2"=1'-0"

PHARAOH OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/21/2019
INVENTORY CODE:	JO-PHE
FILE:	JO-700-PHE

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

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

700

JOSEPH

PHARAOH FLAT FRAME

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	5/21/2019
INVENTORY CODE:	JO-PHE
FILE:	JO-700-PHE

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

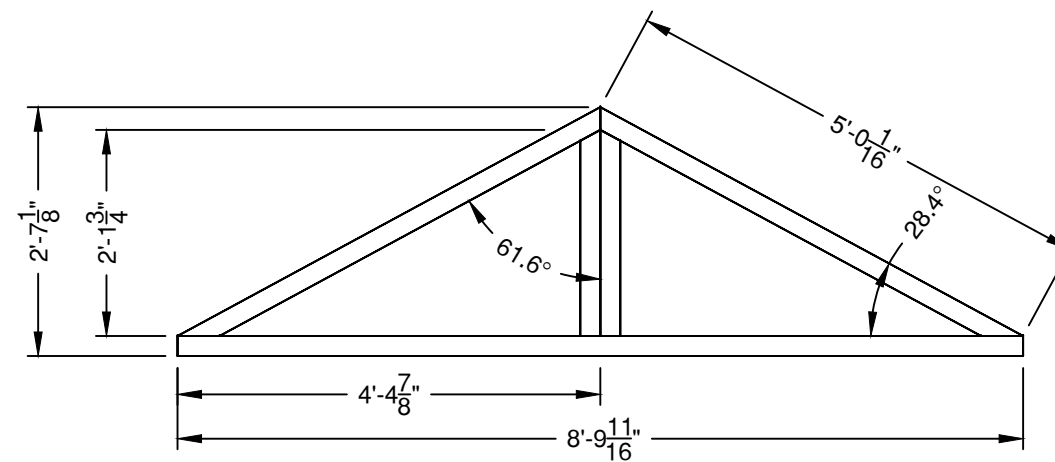
MATERIAL	QUANTITY

SCRAP USED

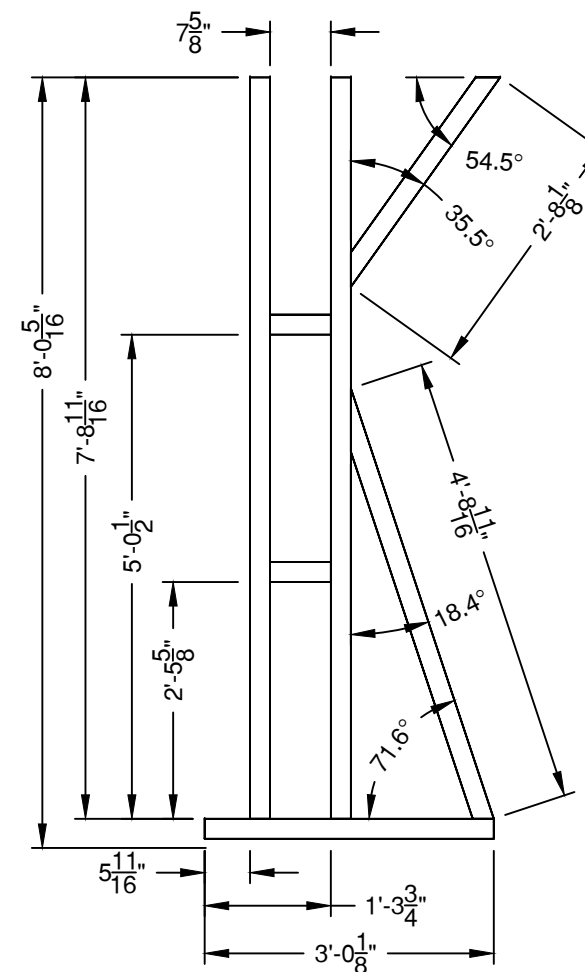
MATERIAL	QUANTITY

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

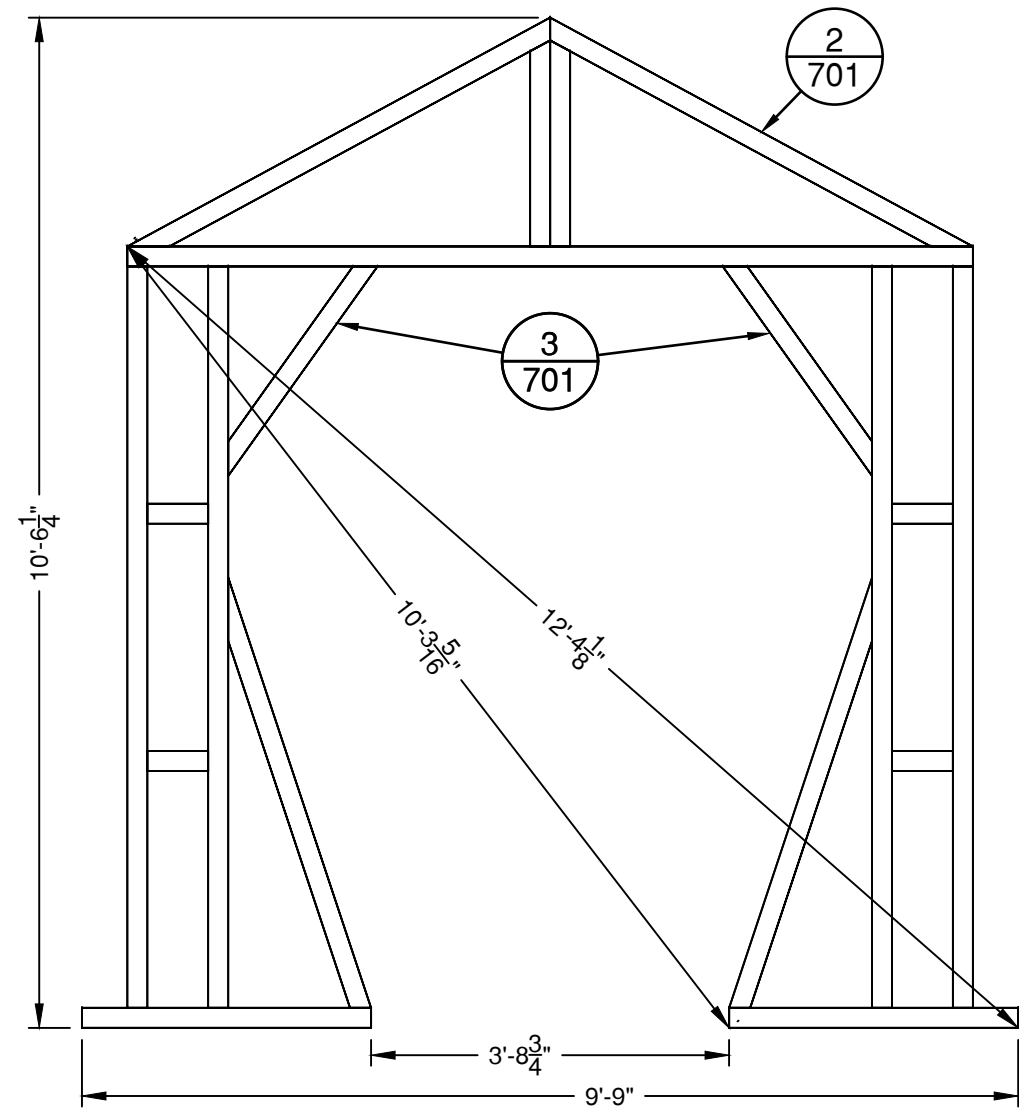
701



2 REAR VIEW: TOP FRAME
701 BROADWAY FLAT CONST. 1/2"=1'-0"
1" x 3" (NOMINAL) CONST.
GLUE BUTT JOINTS BEFORE ATTACHING CORNBLOCKS & KEYSTONES



2 REAR VIEW: LEG FRAMES
701 BROADWAY FLAT CONST. 1/2"=1'-0"
1" x 3" (NOMINAL) CONST.
GLUE BUTT JOINTS BEFORE ATTACHING CORNBLOCKS & KEYSTONES
BUILD 2, R&R WHEN APPLYING CORNERBLOCKS & KEYSTONES)



1 REAR VIEW: FRAME OVERVIEW
701 BROADWAY FLAT CONST. 1/2"=1'-0"
1" x 3" (NOMINAL) CONST.

JOSEPH

PHARAOH

CB & KS PLACEMENT

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	5/21/2019
INVENTORY CODE:	JO-PHE
FILE:	JO-700-PHE

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

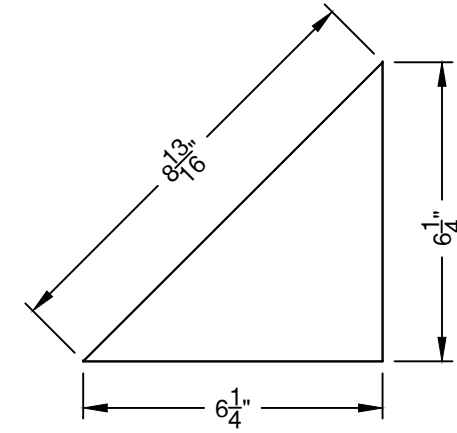
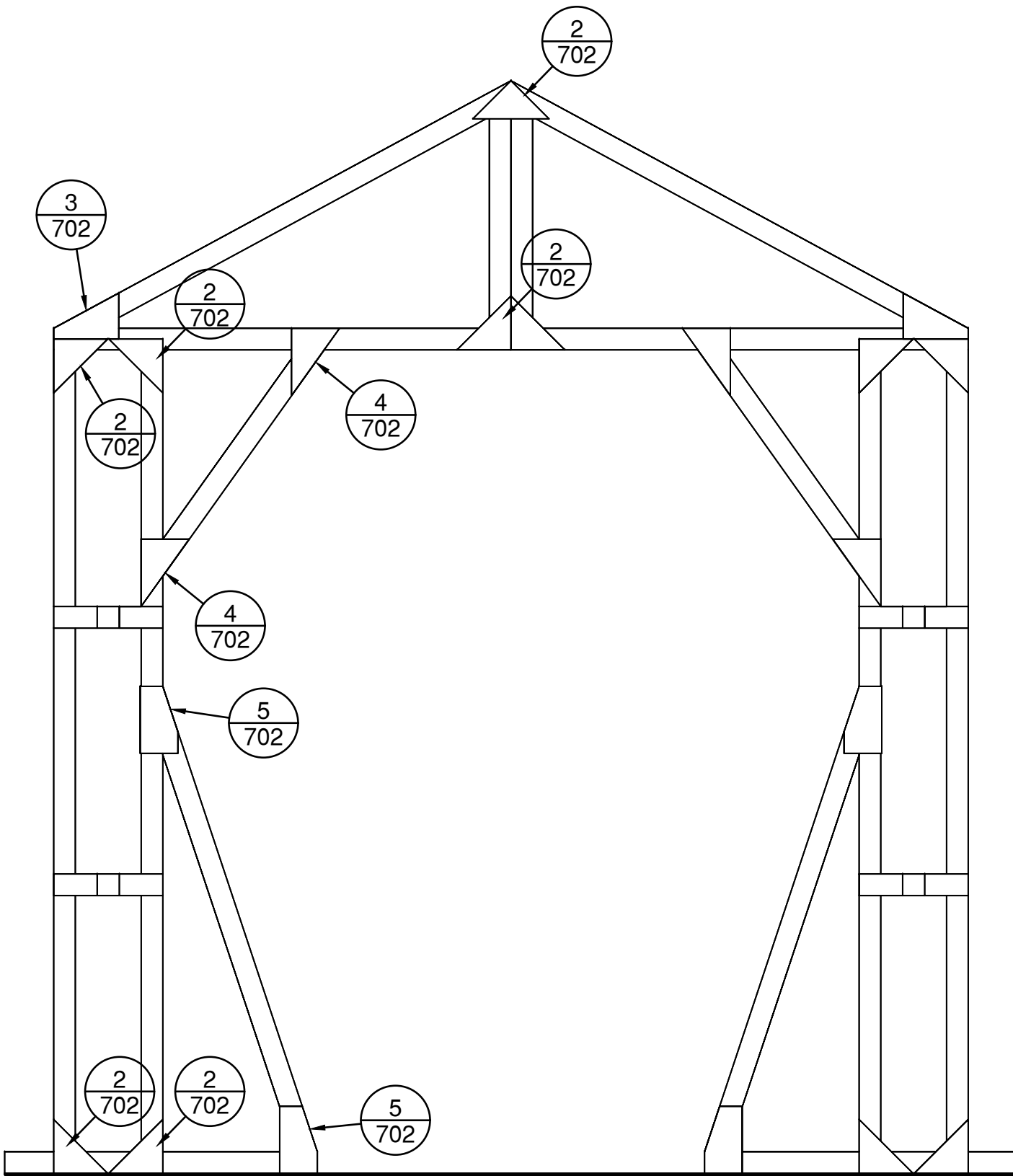
MATERIAL	QUANTITY

SCRAP USED

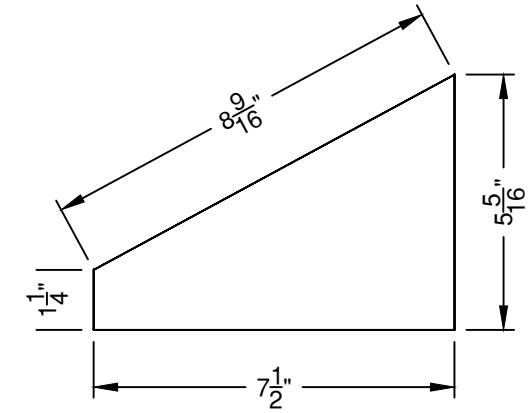
MATERIAL	QUANTITY

SCALE: AS NOTED

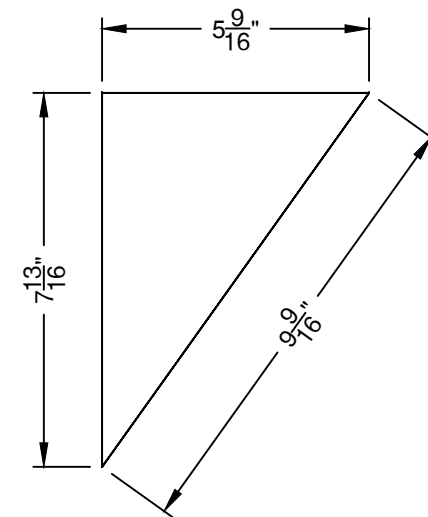
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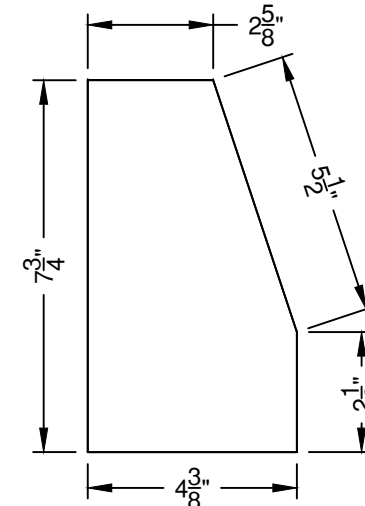
2 REAR VIEW
702 CUT FROM 3/8" PLY 3"=1'-0"
GRAIN OF CB AND KS SHOULD RUN PERPENDICULAR TO THE JOINT



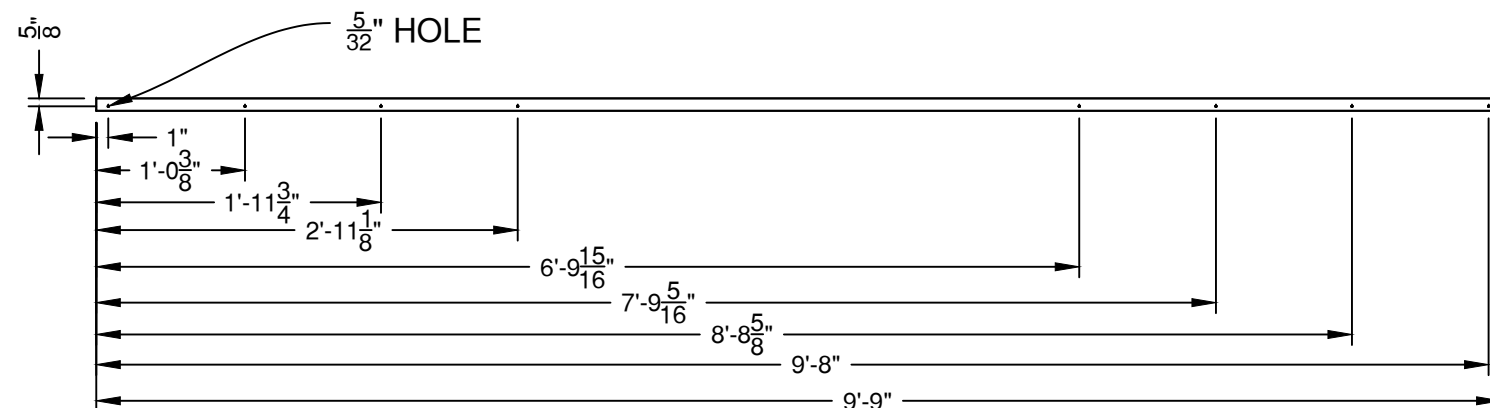
3 REAR VIEW
702 CUT FROM 3/8" PLY 3"=1'-0"
GRAIN OF CB AND KS SHOULD RUN PERPENDICULAR TO THE JOINT



4 REAR VIEW
702 CUT FROM 3/8" PLY 3"=1'-0"
GRAIN OF CB AND KS SHOULD RUN PERPENDICULAR TO THE JOINT



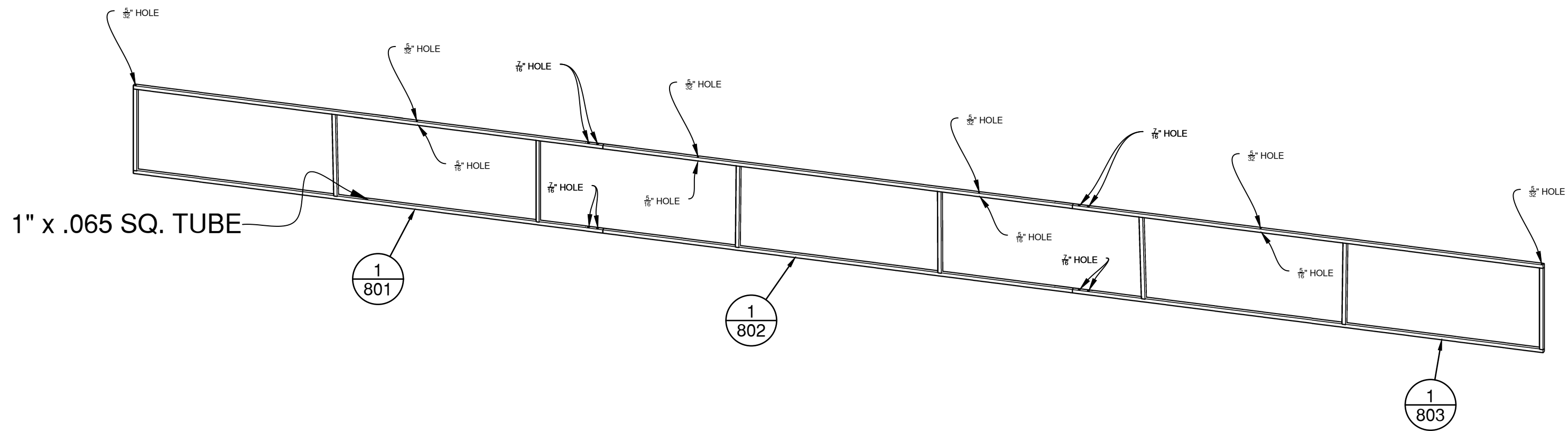
5 REAR VIEW
702 CUT FROM 3/8" PLY 3"=1'-0"
GRAIN OF CB AND KS SHOULD RUN PERPENDICULAR TO THE JOINT



6 TOP VIEW: FLAT BAR
702 1" x .1875 FLAT BAR 3/4"=1'-0"
5/32" HOLE SIZE
COUNTERSINK HOLES SO SCREWS CAN LAY FLUSH

1 REAR VIEW: CORNER BLOCK (CB) AND KEYSTONE PLACEMENT (KS)
702 CUT FROM 3/8" PLY 1/2"=1'-0"
GRAIN OF CB AND KS SHOULD RUN PERPENDICULAR TO THE JOINT
KEYSTONES SHOULD BE 2-1/2" x 5"
CUT (2) 1/2" PLY BLOCKS @ 2-1/2" x 5" (LABEL SHACKLE PLATE SPACER)

JOSEPH



1
800 FRONT RIGHT ISO VIEW
RIGGED TO FLY
WELD 2 SIDES (FILLET AND/OR FACES)
GRIND ALL FACE WELDS
1/2" SANDED PLY TACK STRIP ON THE US SIDE OF UNIT
WRAPPED IN POLY CYC, (IN THE RANDALL)

3/8" = 1'-0"

HEADER

OVERVIEW

DIRECTOR: BRAD CARROL
DESIGNER: JASON LAJKA
TECH DIRECTOR: T. FAGERHOLM
DWD BY: CB/MDB DATE: 5/21/2019
INVENTORY CODE: JO-HDR
FILE: JO - 800 - HDR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

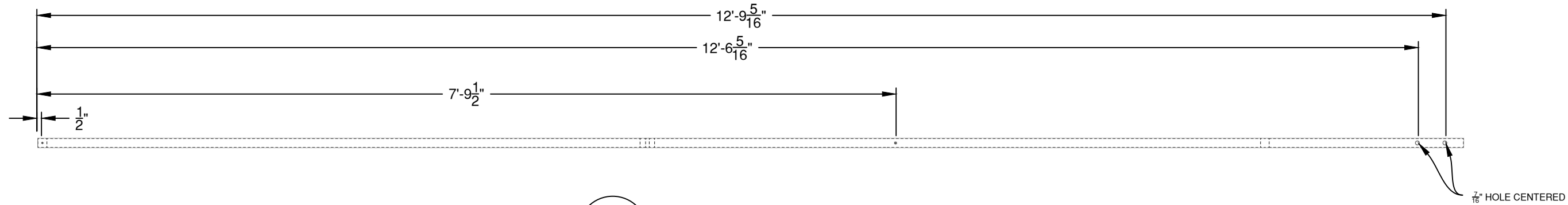
MATERIAL	QUANTITY

SCALE: AS NOTED

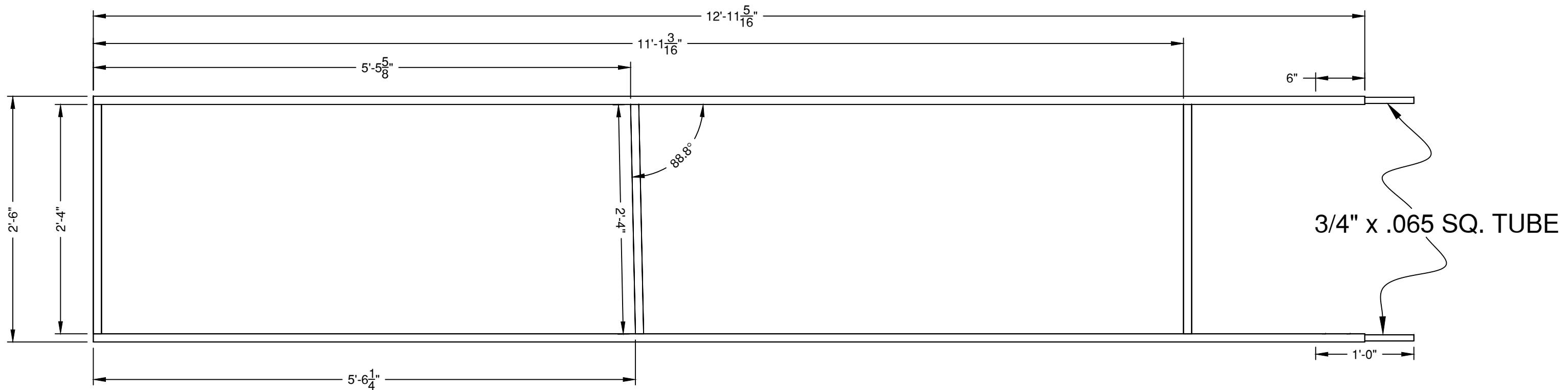
800



JOSEPH



1 TOP VIEW: HOLE PLACEMENT
801 TOP HOLE IS 5/32" (CENTERED) 1"=1'-0"
BOTTOM HOLE IS 5/16" (CENTERED)
7/16" HOLES ARE IN BOTH TOP AND BOTTOM RAILS (CENTERED)
TOP RAIL OF THE HEADER GETS HOLES.
3/4" SQ TUBE DOES NOT GET HOLES



2 FRONT VIEW
801 1" x .065 SQ. TUBE CONST. (UNLESS NOTED) 1"=1'-0"
3/4" SQ TUBE SLEEVED INSIDE 1" SQ. TUBE
WELD FILLETS
PLUG WELD THE 3/4" SQ.TUBE TO 1" SQ. TUBE
ADD 1/2" PLY TACK STRIPS TO THE BACK OF FRAME (NOT ON VERTICALS)

HEADER
SR SECTION

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	CB/MD
DATE:	5/21/2019
INVENTORY CODE:	JO-HDR
FILE:	JO - 800 - HDR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

801

JOSEPH

HEADER

CTR SECTION

DIRECTOR:	BRAD CARROL	
DESIGNER:	JASON LAJKA	
TECH DIRECTOR:	T. FAGERHOLM	
DWG BY:	CB/MD	DATE 5/21/2019
INVENTORY CODE:	JO-HDR	
FILE:	JO - 800 - HDR	

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

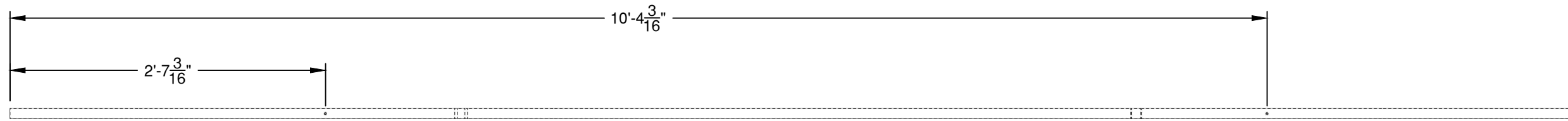
MATERIAL	QUANTITY

SCRAP USED

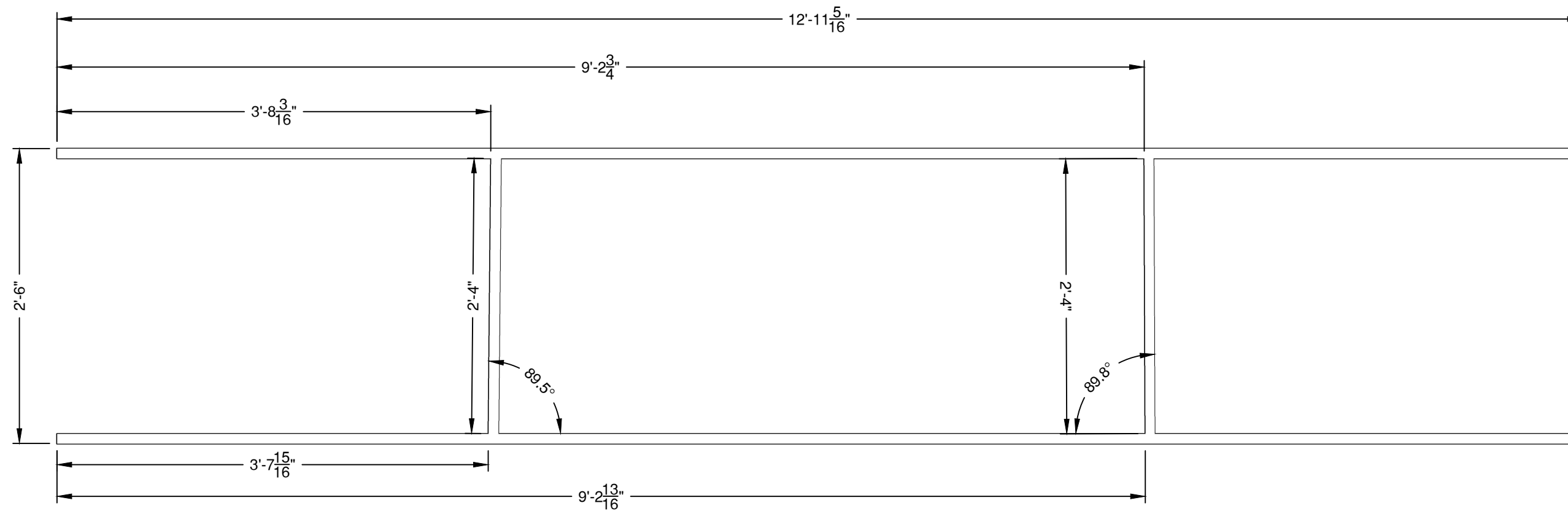
MATERIAL	QUANTITY

SCALE: AS NOTED

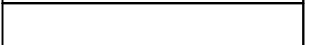
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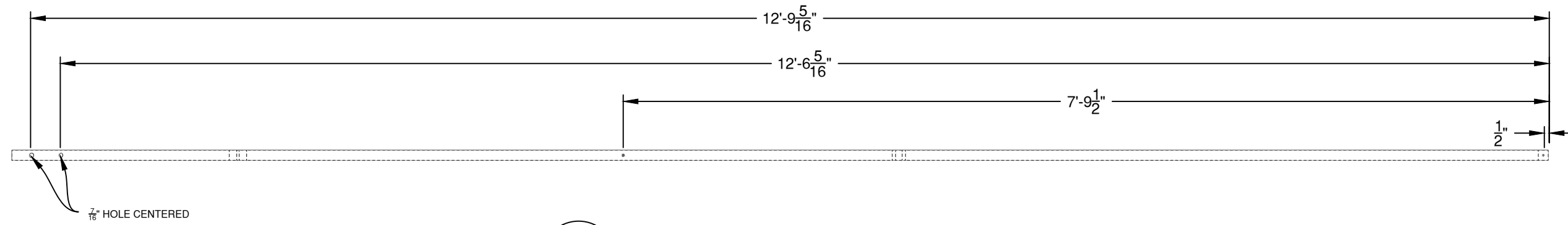
1 TOP VIEW: HOLE PLACEMENT
802 TOP HOLE IS 5/32" (CENTERED)
BOTTOM HOLE IS 5/16" (CENTERED) 1"=1'-0"



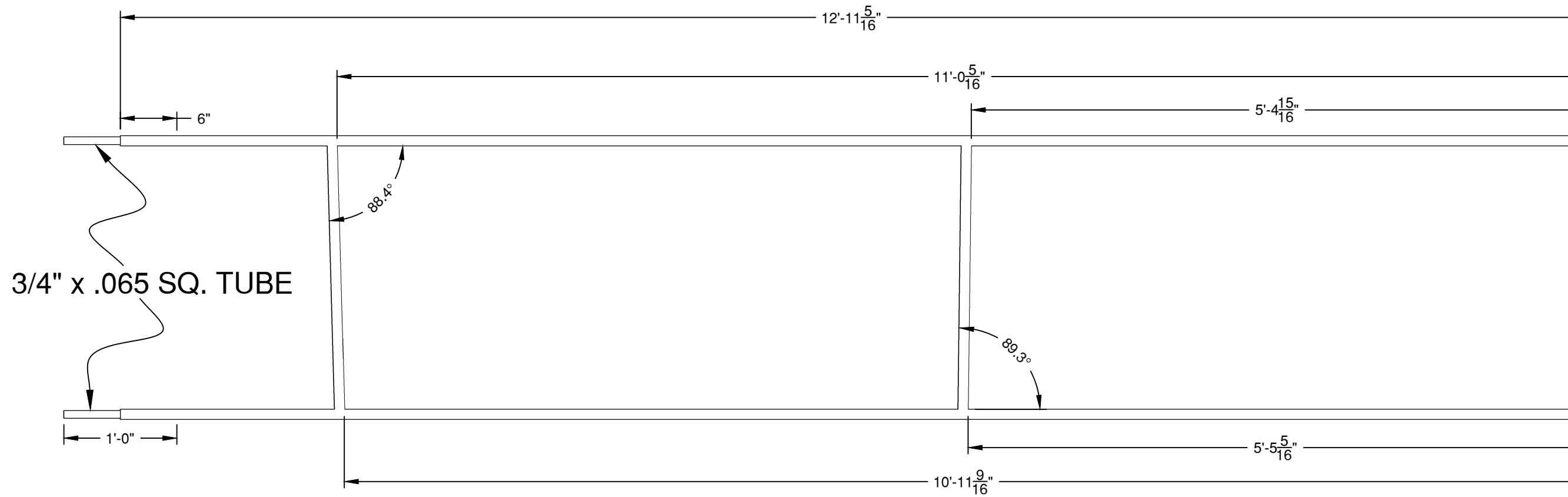
2 FRONT VIEW
802 1" x .065 SQ. TUBE CONST.
3/4" SQ TUBE SLEEVED INSIDE 1" SQ. TUBE
WELD FILLETS 1"=1'-0"



JOSEPH



1 TOP VIEW: HOLE PLACEMENT
803 TOP HOLE IS 5/32" (CENTERED) 1"=1'-0"
BOTTOM HOLE IS 5/16" (CENTERED)
7/16" HOLE NOTED IN THE DRAWING (CENTERED)
TOP RAIL OF THE HEADER GETS HOLES.
3/4" SQ TUBE DOES NOT GET HOLES



2 FRONT VIEW
803 1" x .065 SQ. TUBE CONST. (UNLESS NOTED) 1"=1'-0"
3/4" SQ TUBE SLEEVED INSIDE 1" SQ. TUBE 6"
WELD FILLETS
PLUG WELD 3/4" SQ. TUBE TO 1" SQ. TUBE
ADD 1/2" PLY TACK STRIPS TO THE BACK OF FRAME (NOT ON VERTICALS)

HEADER

SL SECTION

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	CB/MD
DATE:	5/21/2019
INVENTORY CODE:	JO-HDR
FILE:	JO - 800 - HDR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

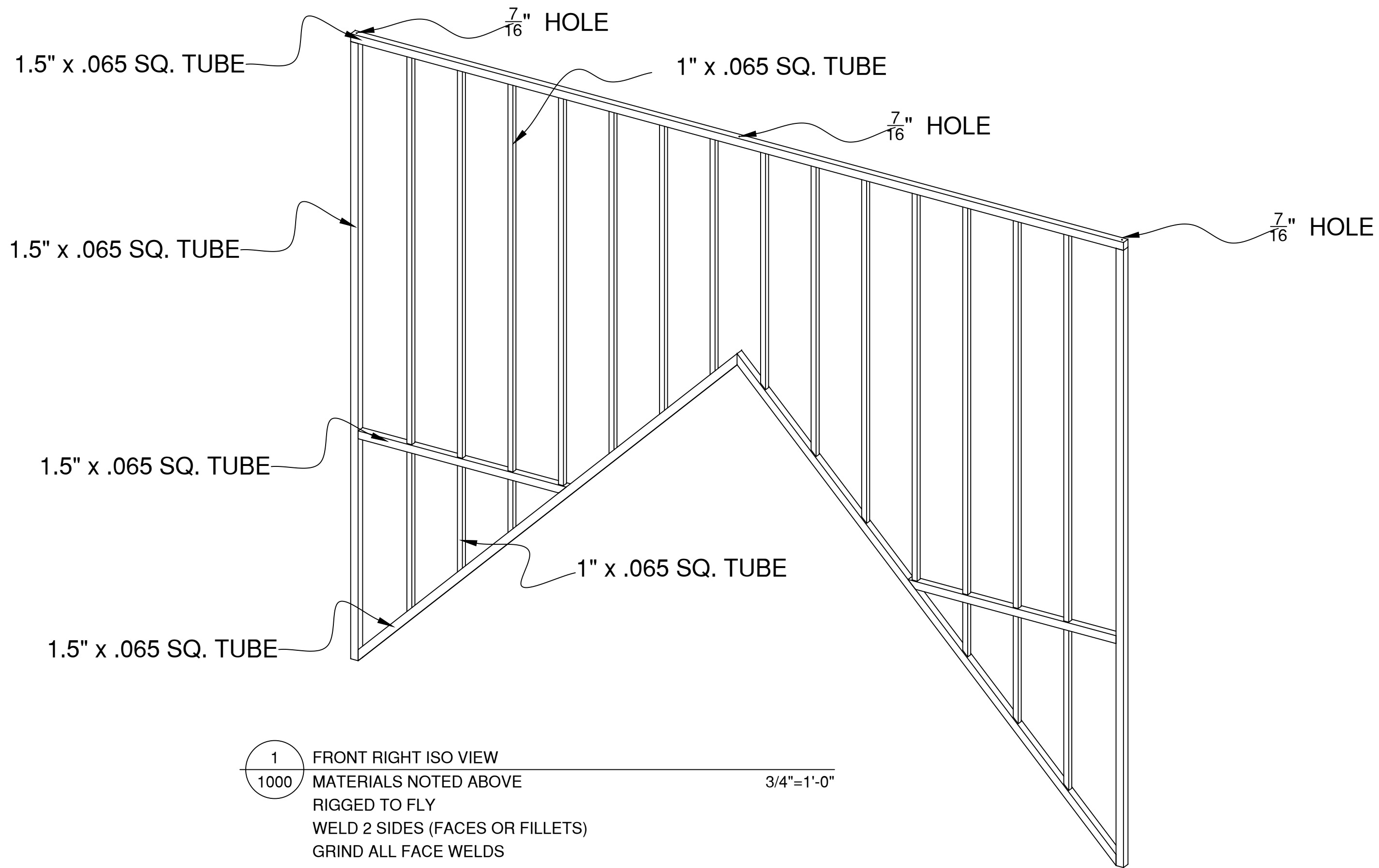
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

803

JOSEPH



1 FRONT RIGHT ISO VIEW
1000 MATERIALS NOTED ABOVE
RIGGED TO FLY
WELD 2 SIDES (FACES OR FILLETS)
GRIND ALL FACE WELDS
1\"/>

PRISON

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/20/2019
INVENTORY CODE:	JO - PRS
FILE:	JO-1000-PRS

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

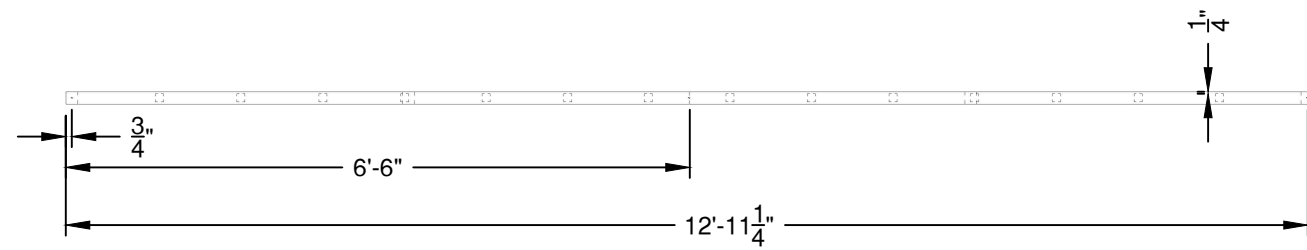
SCRAP USED

MATERIAL	QUANTITY

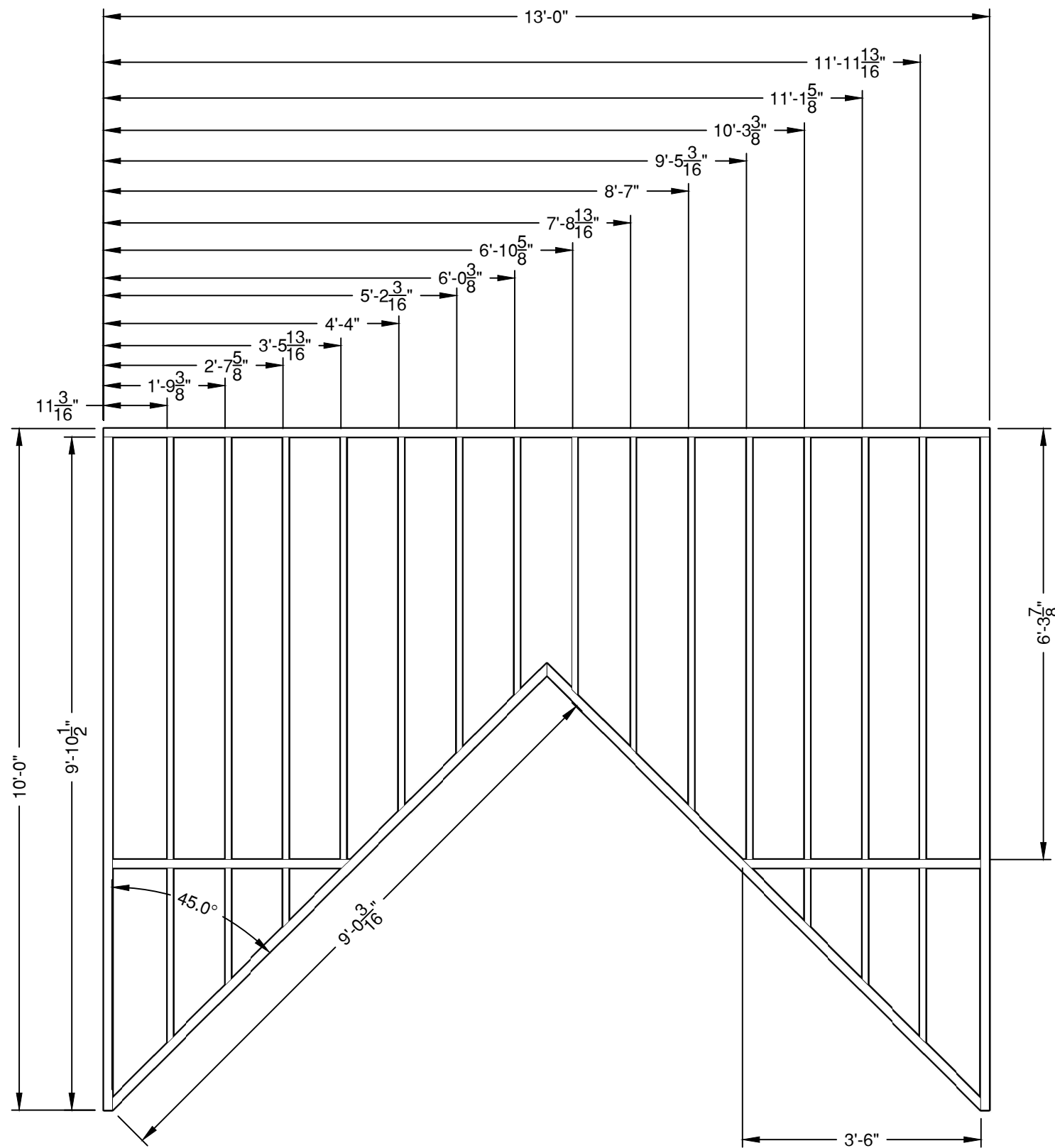
SCALE: AS NOTED

1000

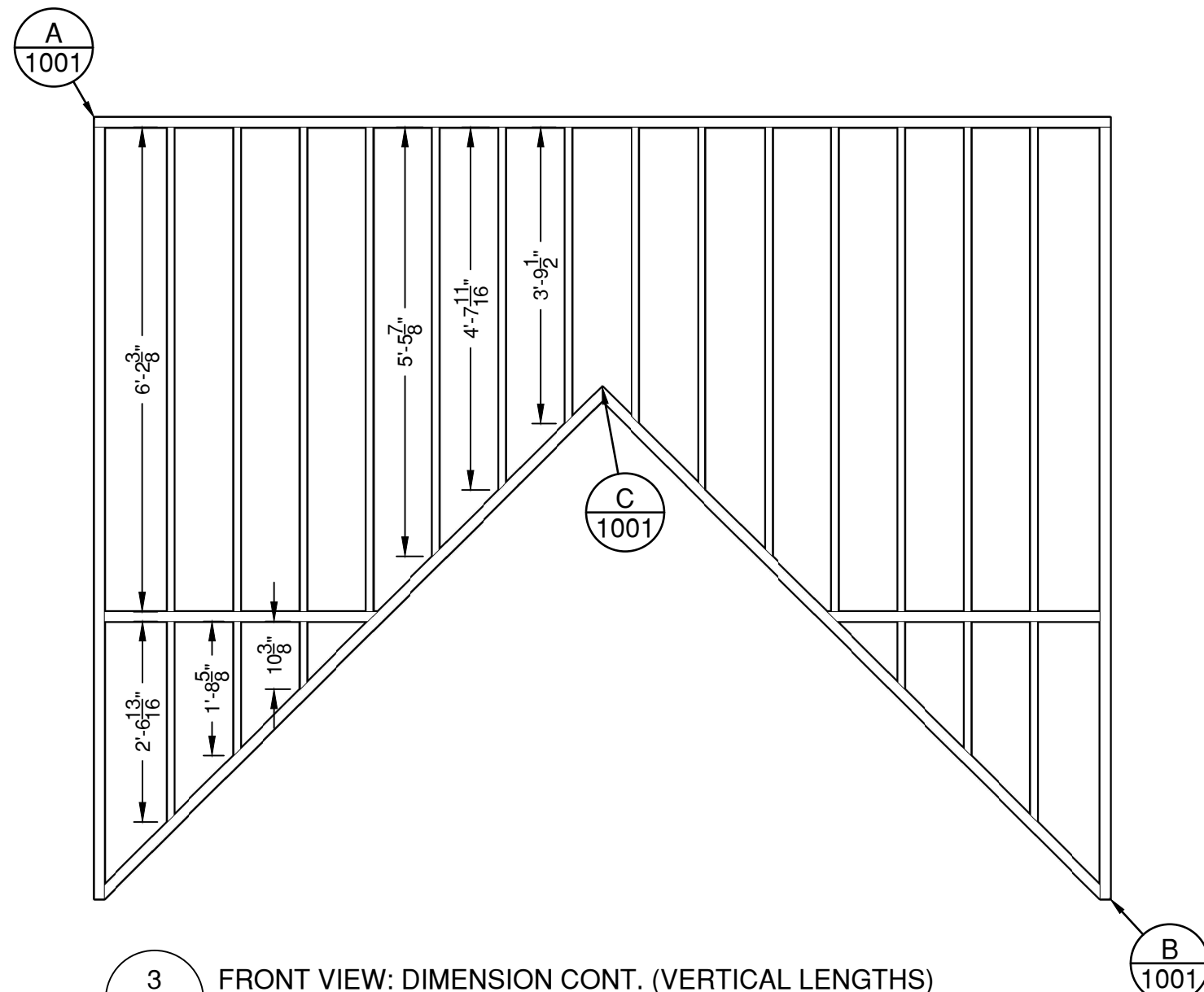
JOSEPH



1 TOP VIEW: HOLE PLACEMENT
1001 1" SQ. TUBE IS CENTERED ON THE 1.5" SQ. TUBE 1/2"=1'-0"
1/8" HOLE SIZE (CENTERED)



2 FRONT VIEW
1001 WELD 2 SIDES (FACES AND/OR FILLETS) 1/2"=1'-0"
GRIND ALL FACE WELDS
REFERENCE OVERVIEW PLATE (1000) FOR MATERIALS



3 FRONT VIEW: DIMENSION CONT. (VERTICAL LENGTHS)
1001 DIAGONAL A->B= 16'-4-13/16" 1/2"=1'-0"
DIAGONAL A->C= 7'- 4-9/16"
REFERENCE OVERVIEW PLATE (1000) FOR MATERIALS

PRISON
STEEL FRAME

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	5/20/2019
INVENTORY CODE:	JO - PRS
FILE:	JO-1000-PRS

BUILD TIME

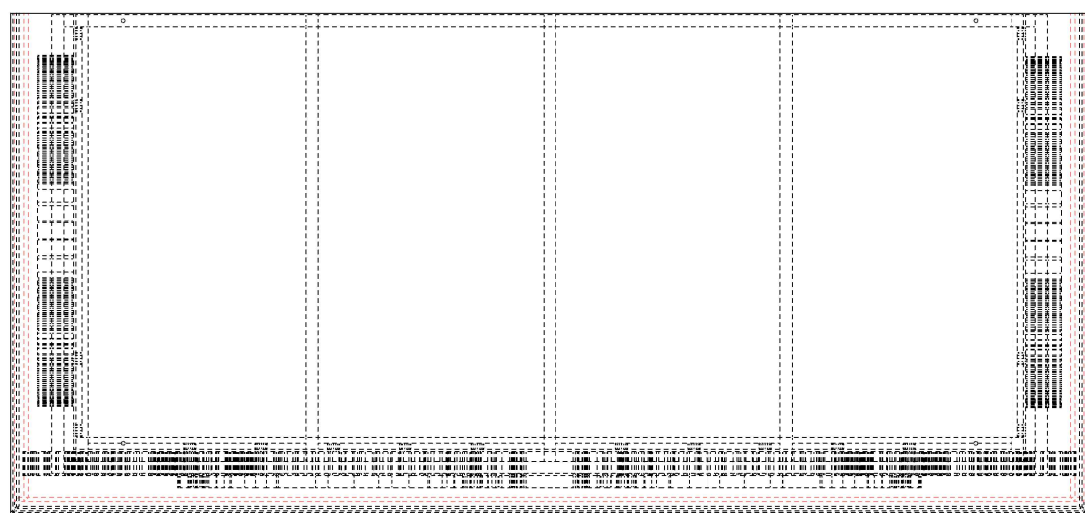
DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

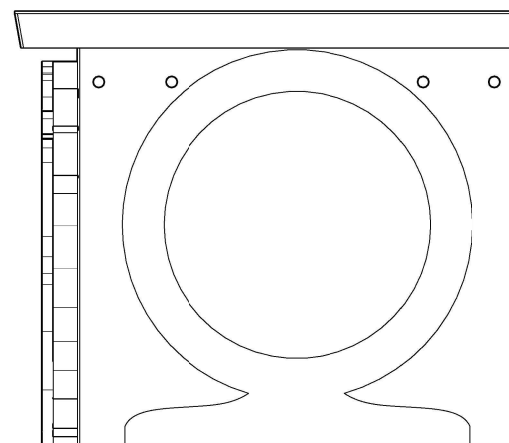
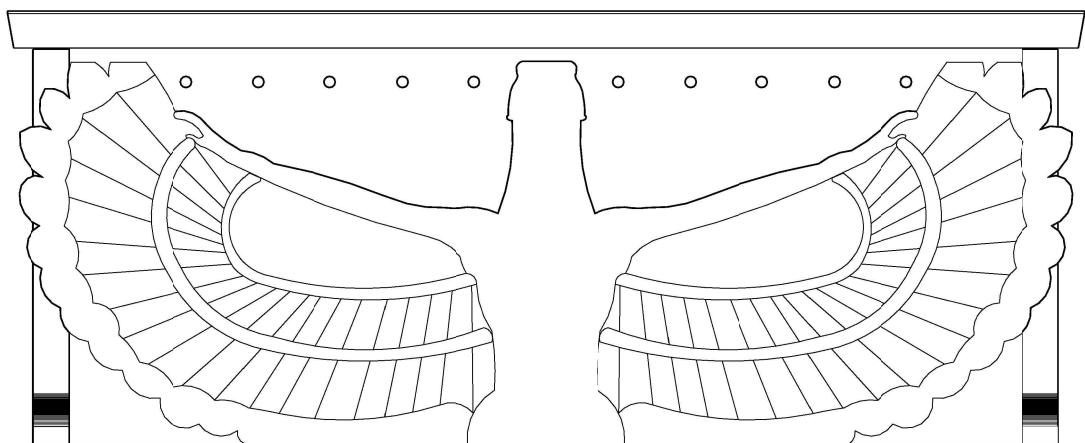
MATERIAL	QUANTITY

SCALE: AS NOTED

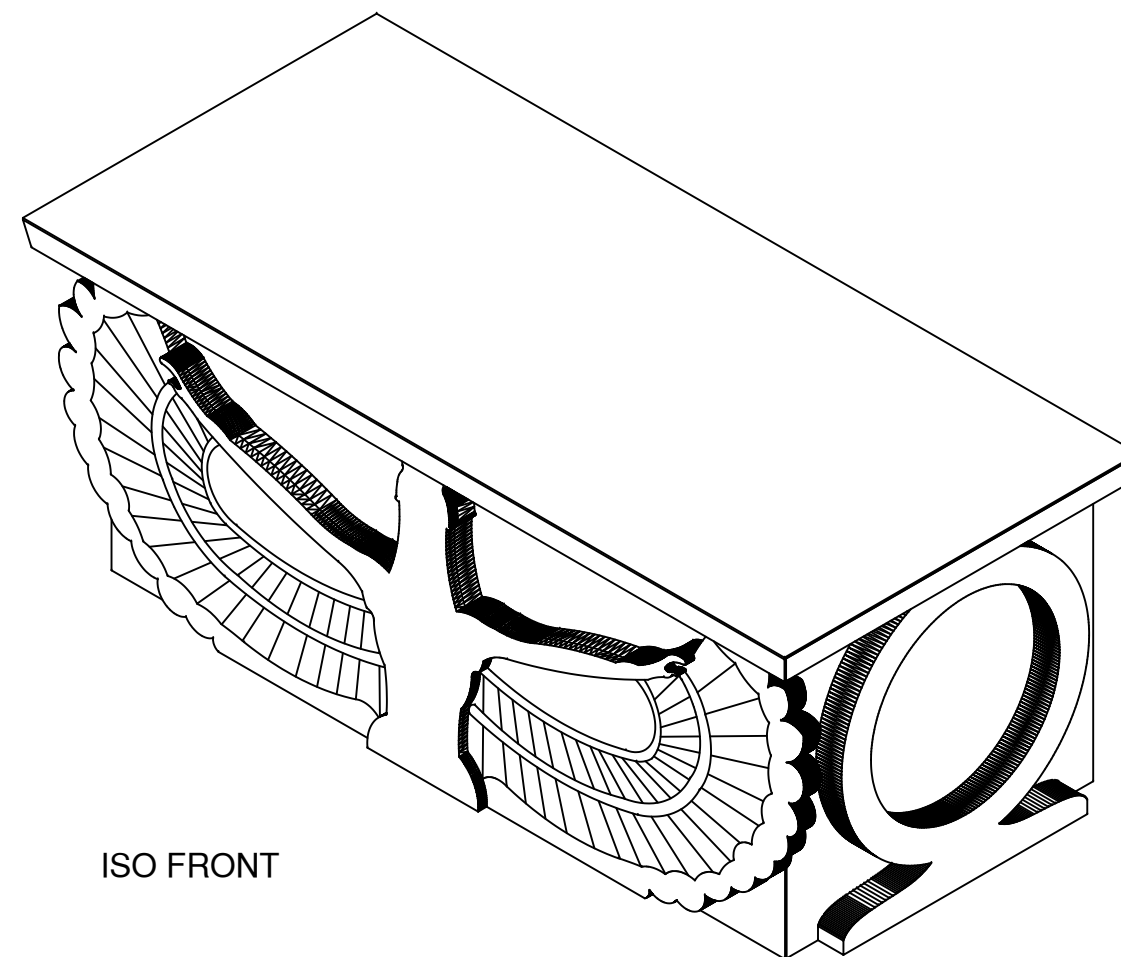
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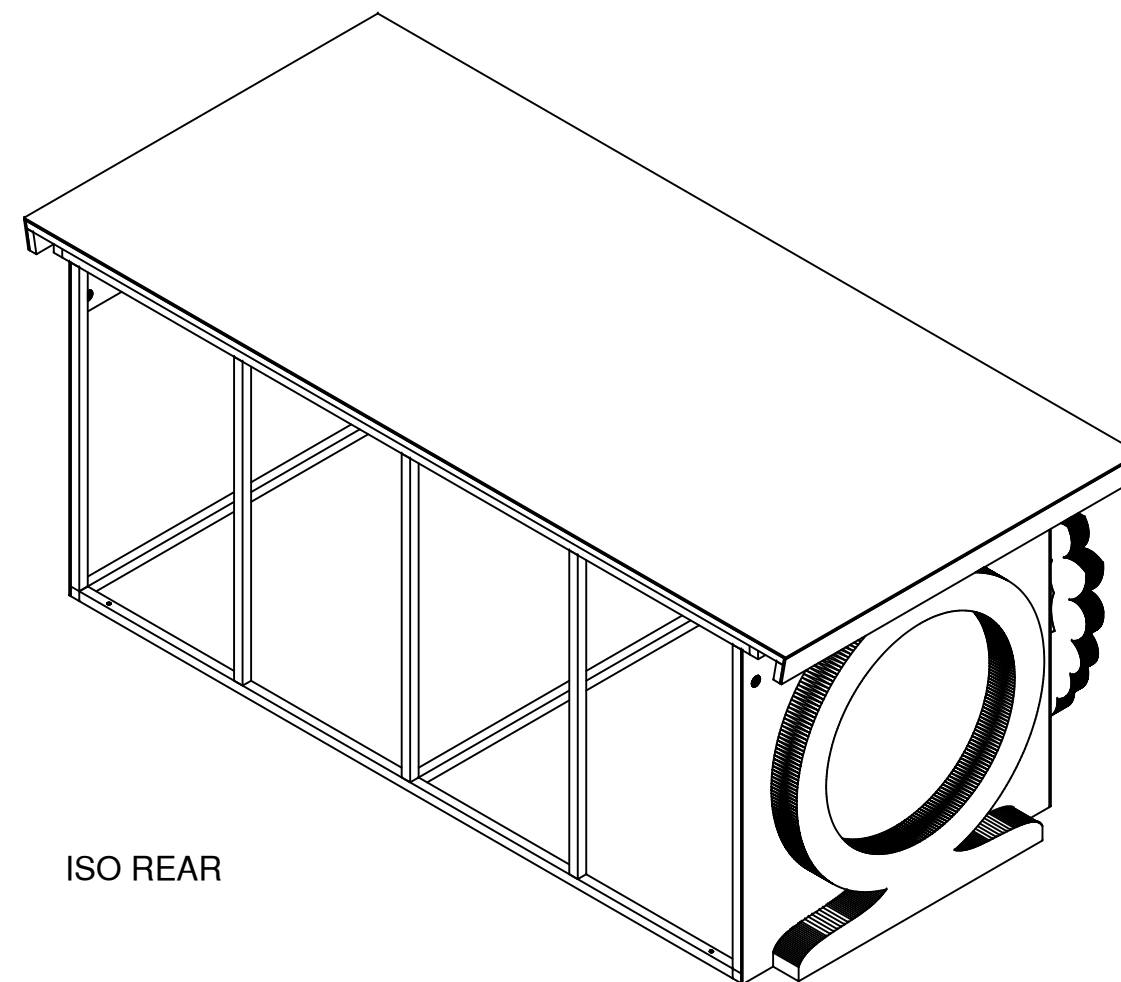
TOP



SIDE



ISO FRONT



ISO REAR

- 1 ORTHOGRAPHIC OVERVIEW
- 1100 1" ALUMINIUM BOX TUBE CONSTRUCTION
- BEVELED PLY LID
- MASO SKIN AND FACING
- FRONT AND SIDE FOAM DETAILS CUT ON CNC

3/4"=1'-0"

JOSEPH

LIFT PLATFORM

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TOM FAGERHOLM
DWG. BY:	TKF&MDB
DATE:	5/17/19
INVENTORY CODE:	J0-TRP
FILE:	J0-1100-TRP.dwg

BUILD TIME

DATE	HOURS (Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY

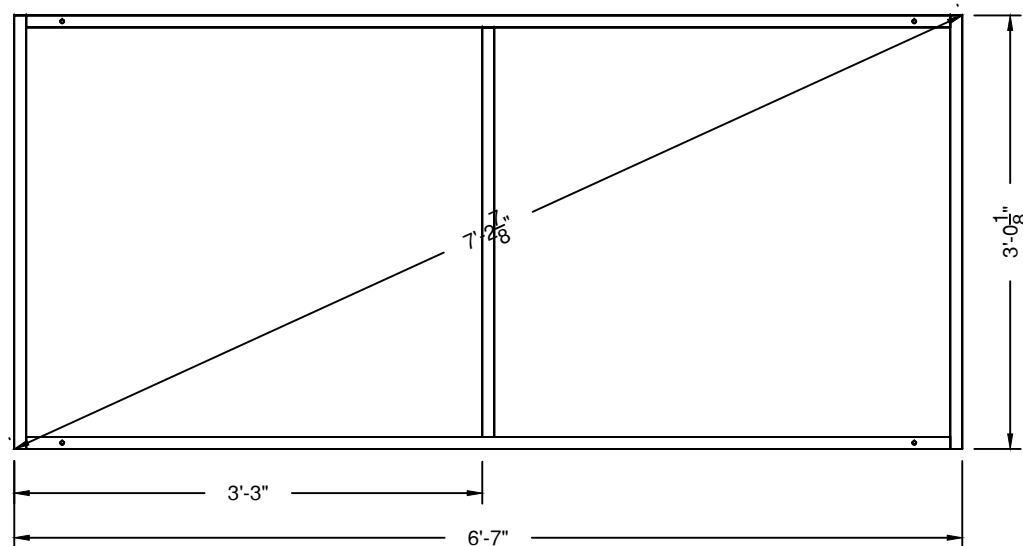
SCRAP USED

MATERIAL	QUANTITY

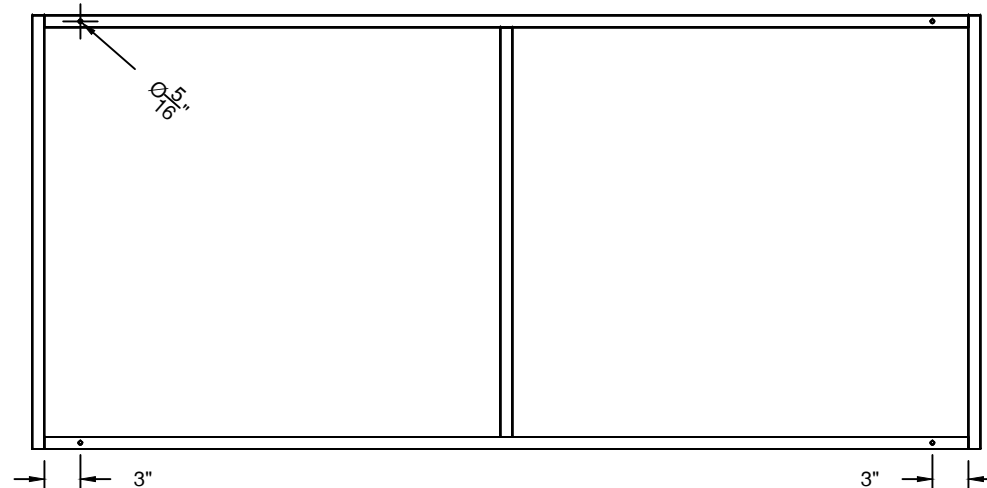
SCALE: AS NOTED

1100

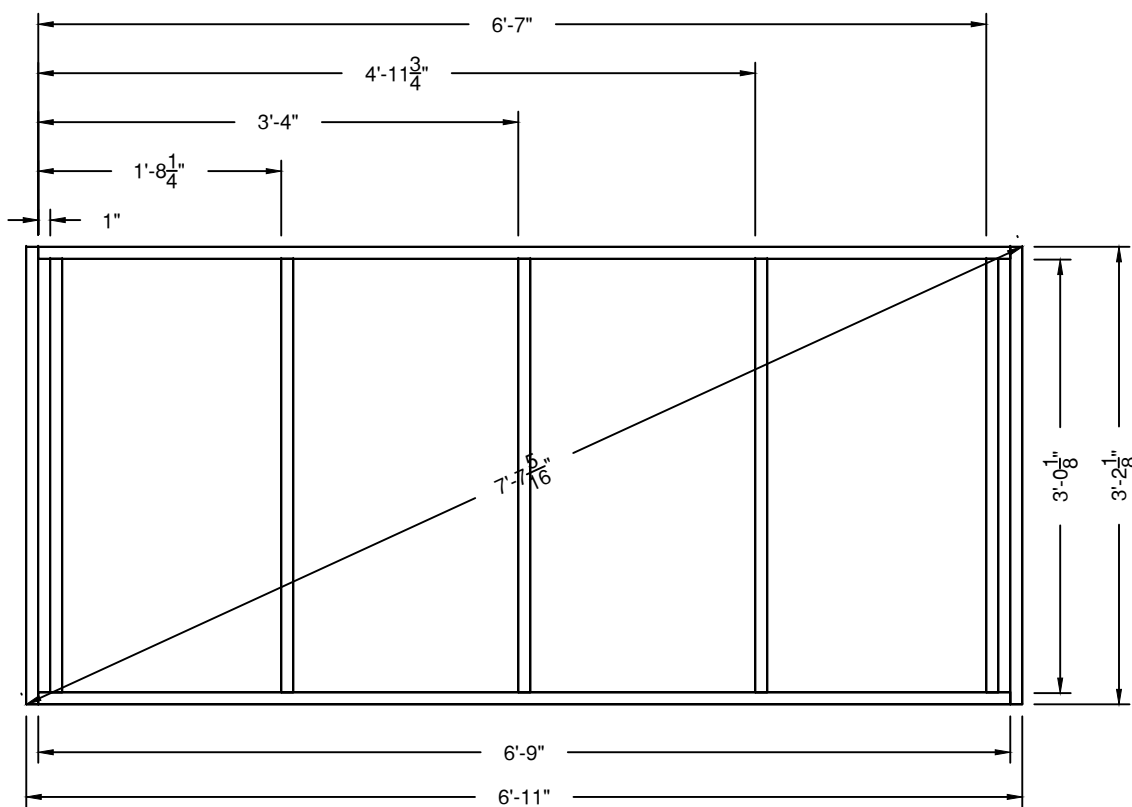
JOSEPH



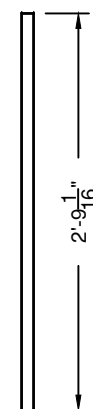
1 TOP VIEW: BOTTOM FRAME
 1101 1"x.0625 ALUMINIUM TUBE COSNT. 3/4"=1'-0"
 WELD ALL SIDES



2 TOP VIEW: BOTTOM FRAME HOLE PLACEMENT
 1101 ALL HOLES 5/16" DIA. 3/4"=1'-0"
 HOLES ARE SYMMETRICAL AND CENTERED IN TUBE



3 TOP VIEW: TOP FRAME
 1101 1"x.0625 ALUMINIUM TUBE COSNT. 3/4"=1'-0"
 WELD ALL SIDES



4 FRONT VIEW: LEGS
 1101 1"x.0625 AL. 3/4"=1'-0"
 MAKE 10

LIFT PLATFORM

FRAME CONSTRUCTION

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
DATE:	5/22/19
INVENTORY CODE:	J0-TRP
FILE:	JO-1100-TRP.dwg

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

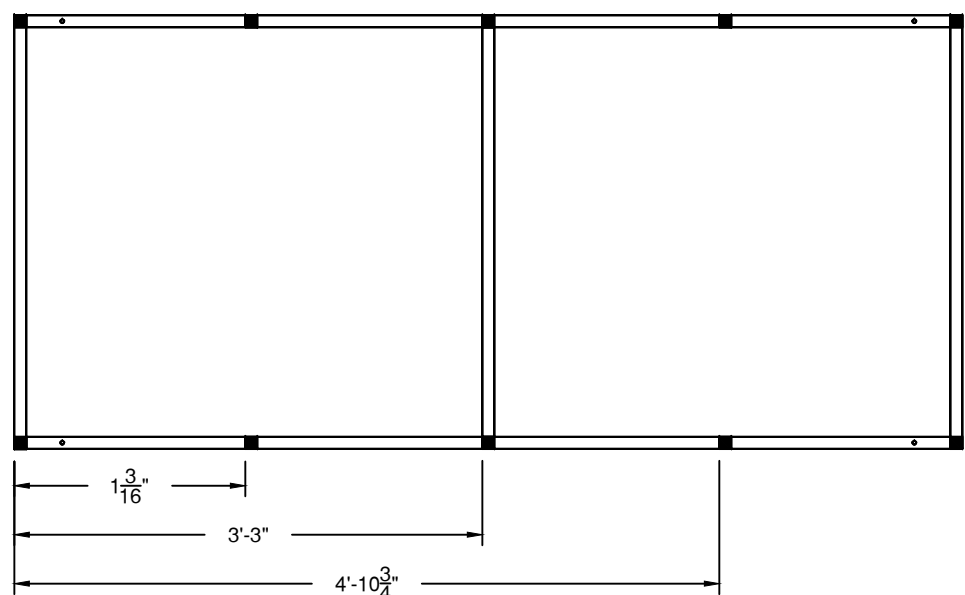
SCRAP USED

MATERIAL	QUANTITY

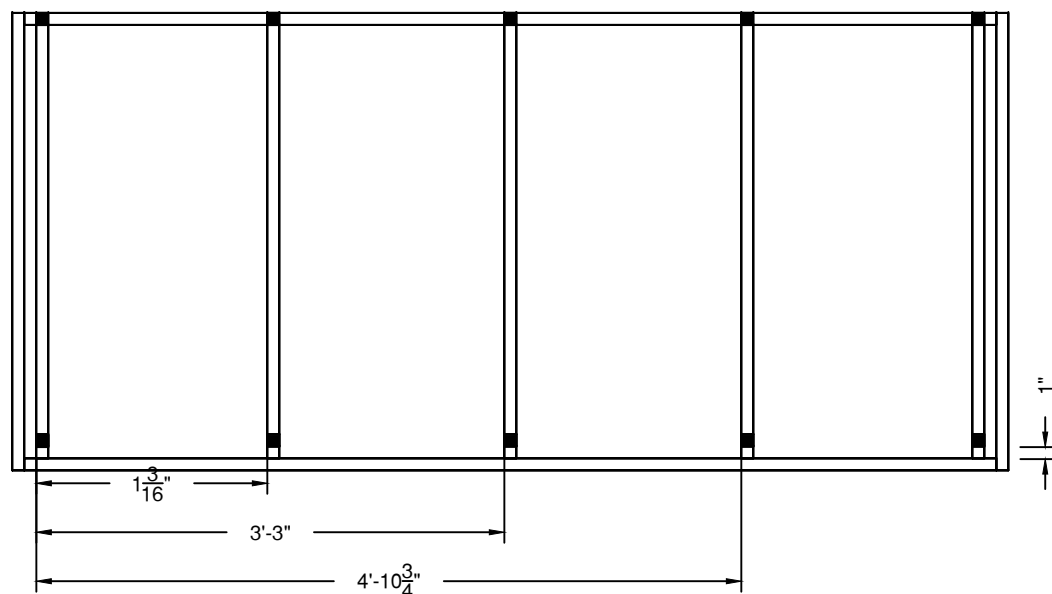
SCALE: 3/4"=1'-0"

1101

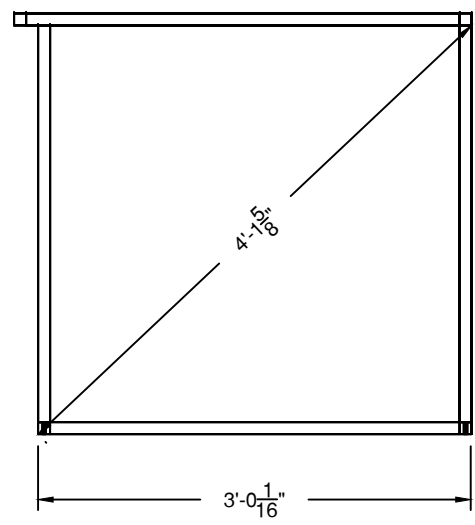
JOSEPH



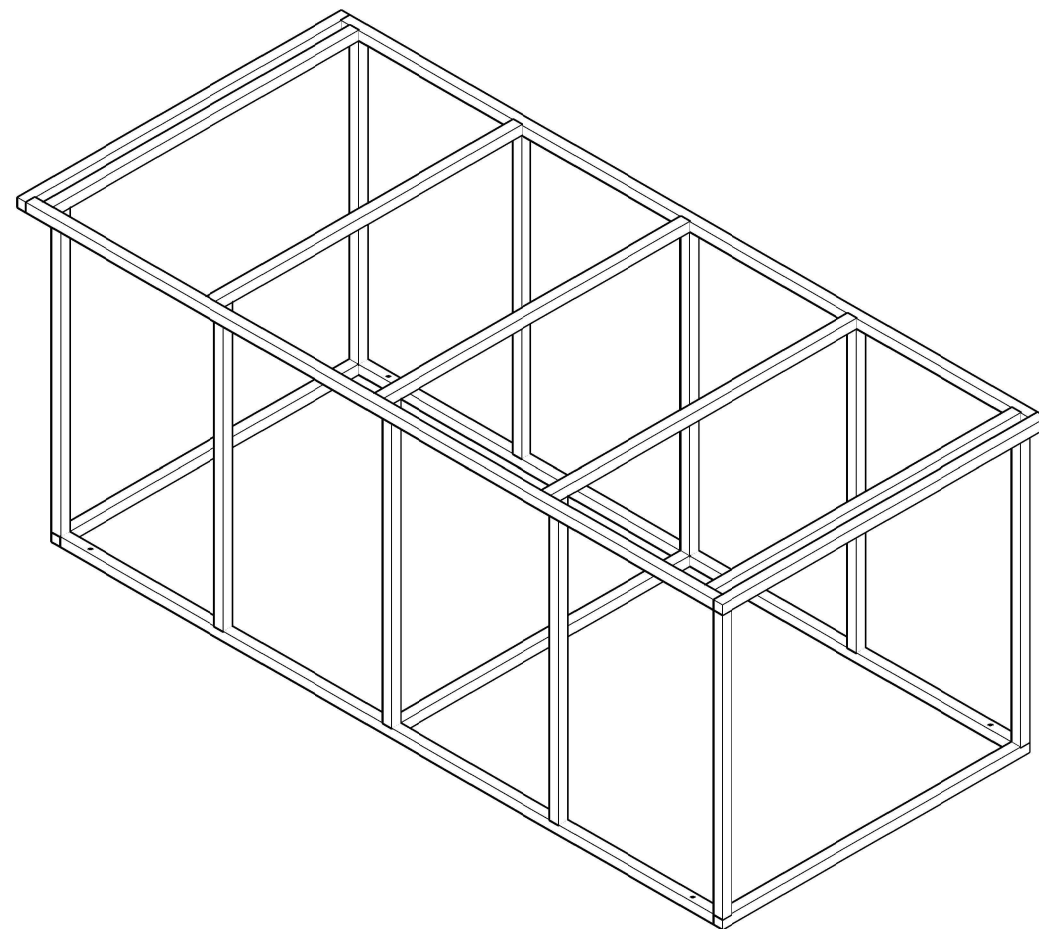
1 TOP VIEW: BOTTOM FRAME & VERTICALS
 1102 WELD ALL SIDES 3/4"=1'-0"
 GRIND OUTSIDE FACES ONLY



2 TOP VIEW: TOP FRAME & VERTICALS
 1102 WELD ALL SIDES 3/4"=1'-0"
 GRIND OUTSIDE FACES ONLY



3 SIDE VIEW: FULL FRAME
 1102 WELD ALL SIDES 3/4"=1'-0"
 GRIND OUTSIDE FACES ONLY



4 ISO VIEW: FULL FRAME NTS
 1102

LIFT PLATFORM
 FRAME ASSEMBLY

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TOM FAGERHOLM
DWG. BY:	TKF
DATE:	5/22/19
INVENTORY CODE:	J0-TRP
FILE:	J0-1100-TRP.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

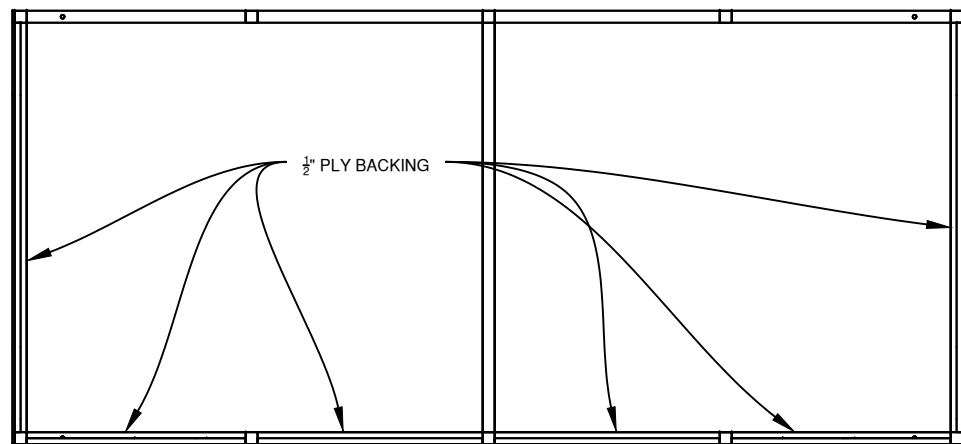
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

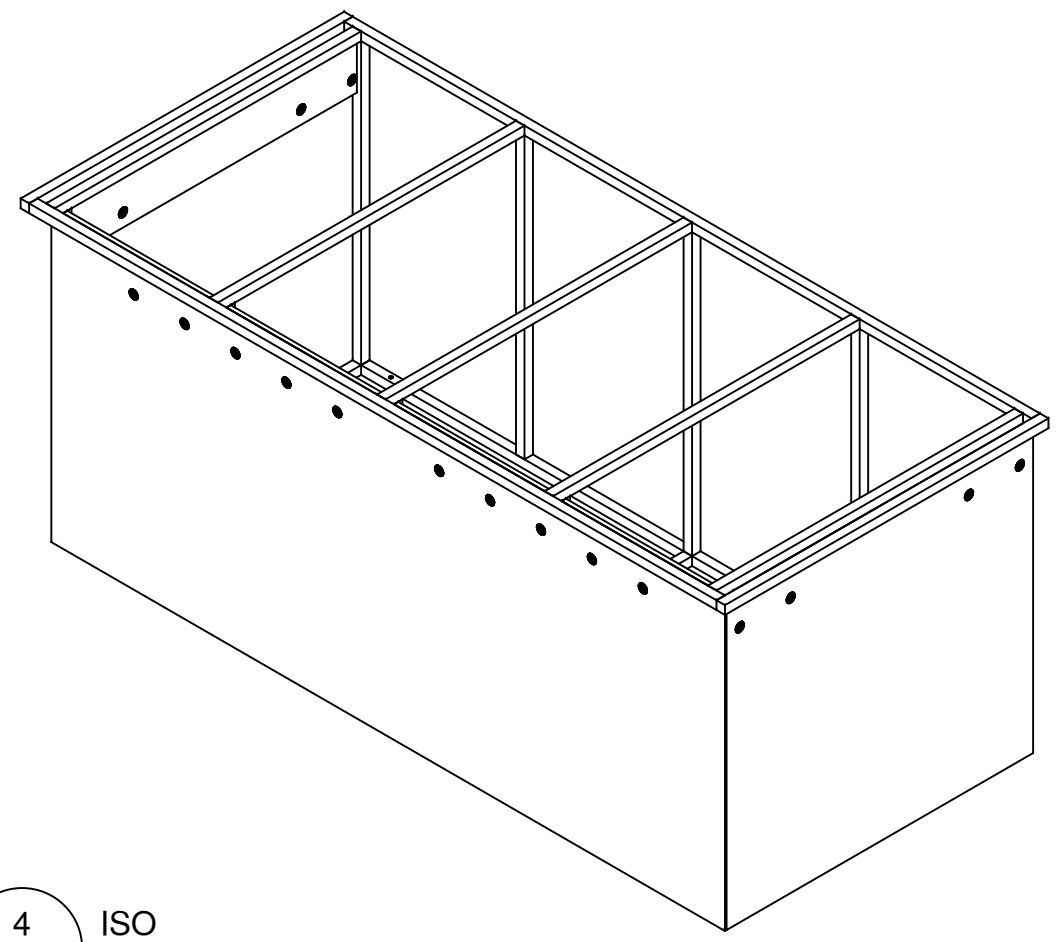
SCALE: AS NOTED

1102

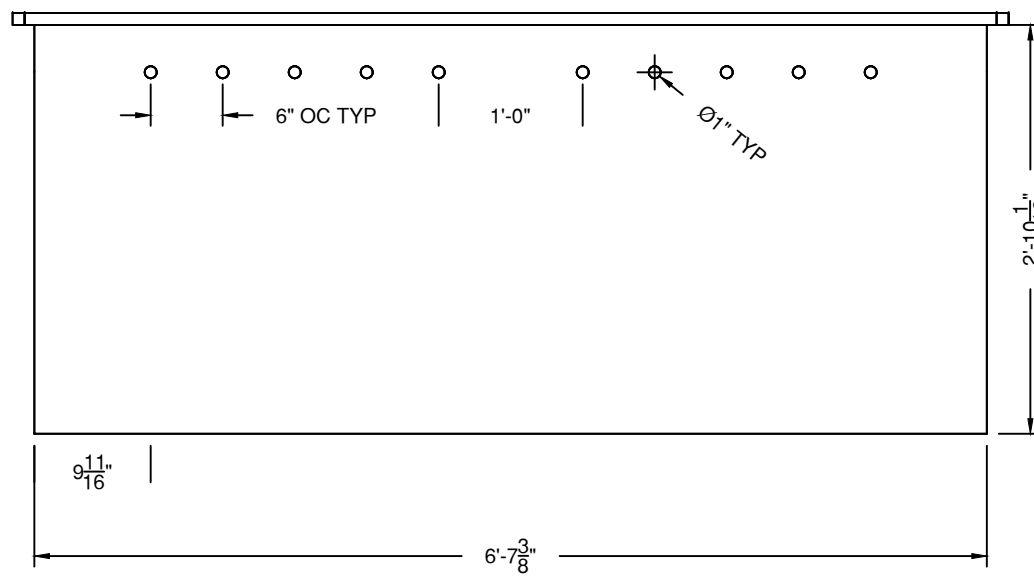
JOSEPH



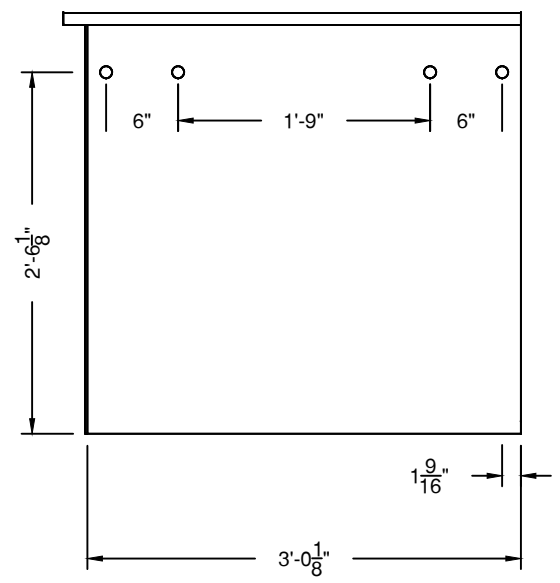
1 TOP VIEW: LAUAN FACING
 1103 TOP FRAME OCCLUDED FOR CLARITY 3/4"=1'-0"
 FRONT FACE CAPS SIDES
 FACE SIDES FIRST, THEN FRONT (FLUSH TRIM AS NEEDED)



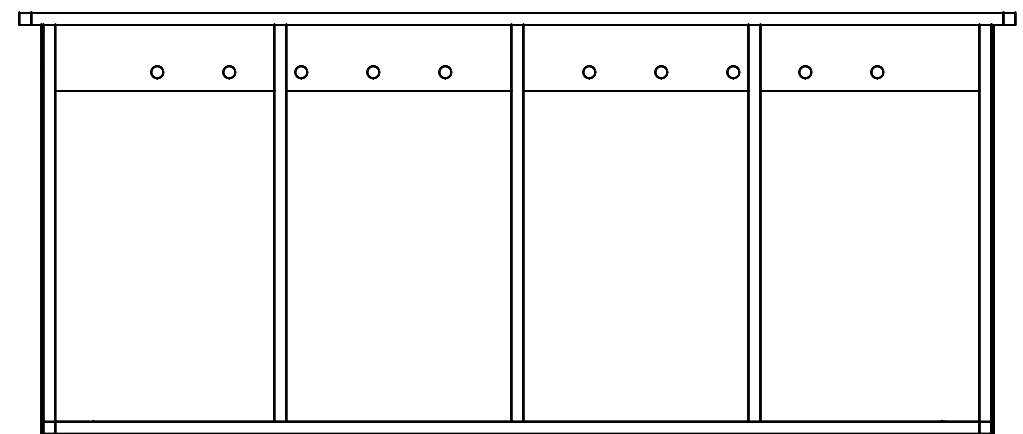
4 ISO
 1103 NTS



2 FRONT VIEW: LAUAN FACING
 1103 3/16" LAUAN FACING 3/4"=1'-0"
 FACE SIDES FIRST (FRONT CAPS SIDES)
 T-NAIL LAUAN TO ALUMINIUM
 J/C NOT NEEDED. UNIT COVERED WITH FLORAL PLASTIC
 DRILL HOLES AFTER PLY BACKING IS ATTACHED



SIDE



3 BACK VIEW: FACING & PLY BACKING
 1103 LAUAN HAS 1/2" PLY BACKING TO SUPPORT HOLES 3/4"=1'-0"
 PLY MEASURES 5-1/2" IN HEIGHT AND IS CUT TO FIT BETWEEN VERTS
 GLUE & NC STAPLE FROM FRONT

LIFT PLATFORM

LAUAN FACING	
DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	TOM FAGERHOLM
DWG BY:	TKF
DATE:	5/29/19
INVENTORY CODE:	J0-TRP
FILE:	JO-1100-TRP.dwg

BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

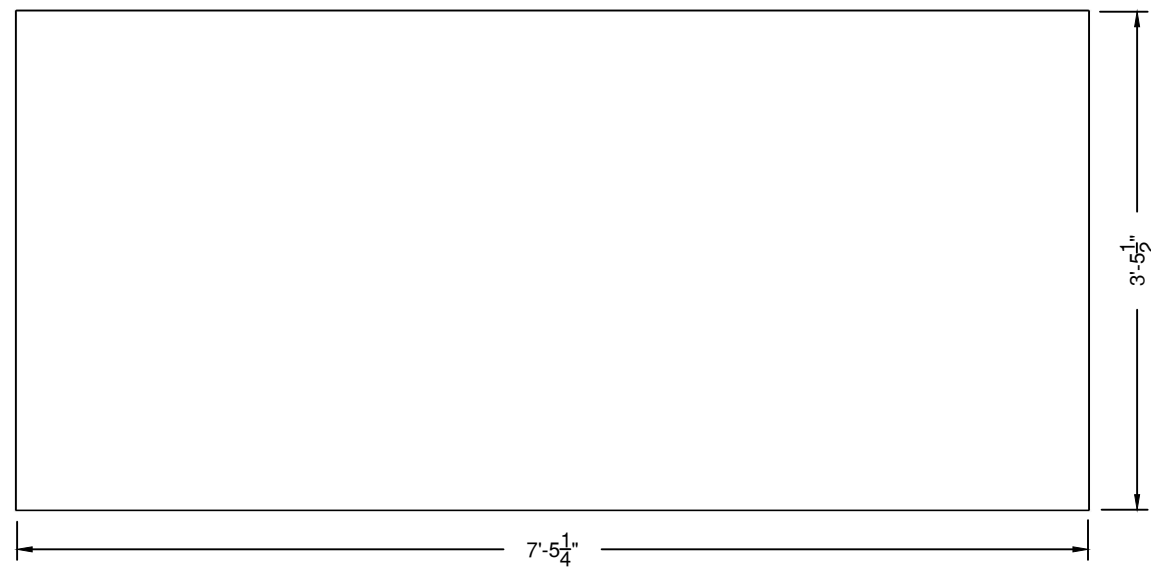
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

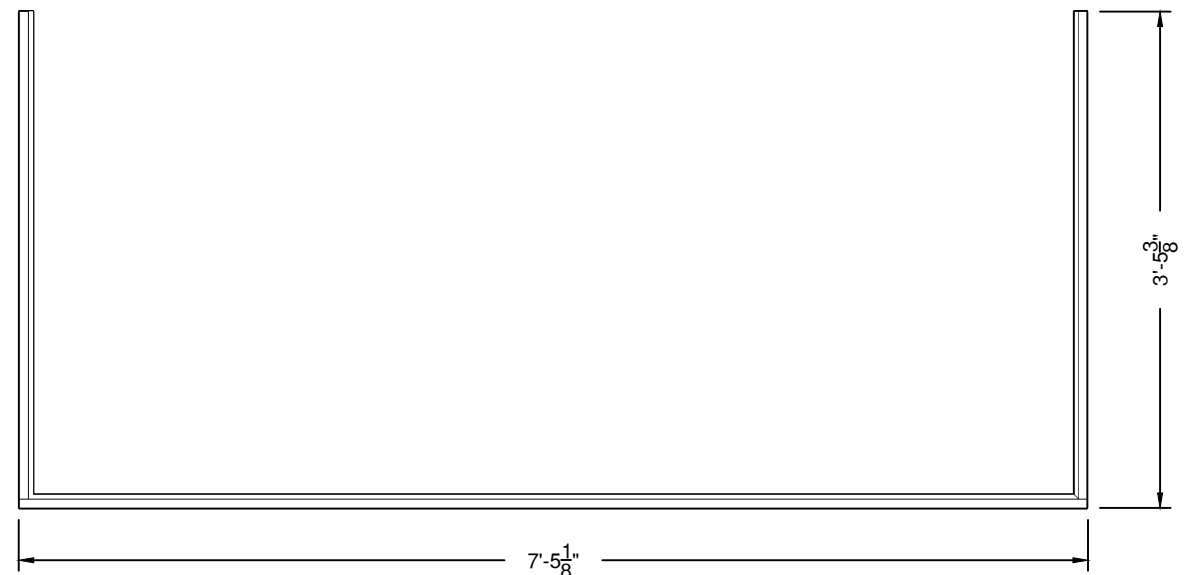
SCALE: 3/4"=1'-0"

1103

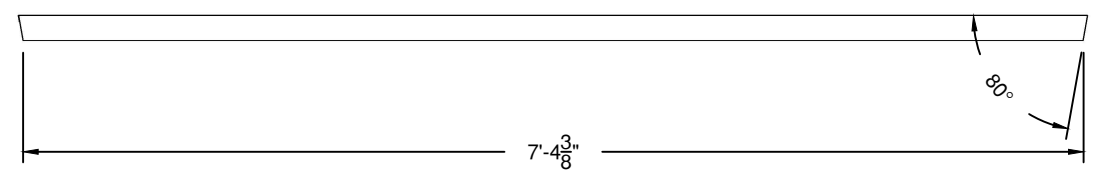
JOSEPH



1 TOP VIEW: PLYWOOD LID
 1104 TWO SIDES AND FRONT ARE BEVELED 3/4"=1'-0"
 3/4" CDX PLY



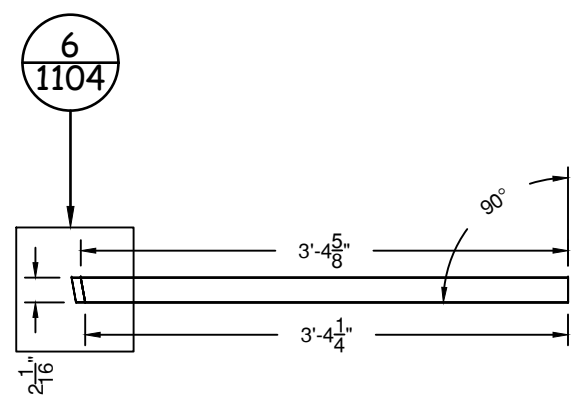
3 TOP VIEW: 1x FRAME UNDER PLYWOOD LID
 1104 COMPOUND MITERED FRAMING 3/4"=1'-0"
 SEE FRONT, SIDE, AND DETAIL VIEWS BEFORE CUTTING
 GLUE AND NC STAPLE



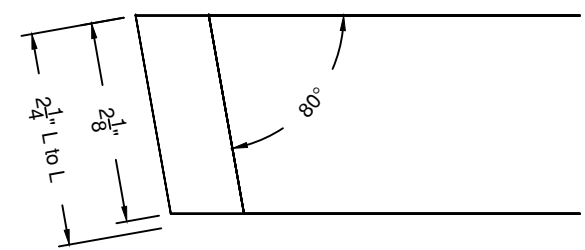
4 FRONT VIEW: 1x FRAME UNDER PLYWOOD LID
 1104 COMPOUND MITERED FRAMING (BOTH SIDES) 3/4"=1'-0"
 SEE TOP, SIDE, AND DETAIL VIEWS BEFORE CUTTING
 GLUE AND NC STAPLE



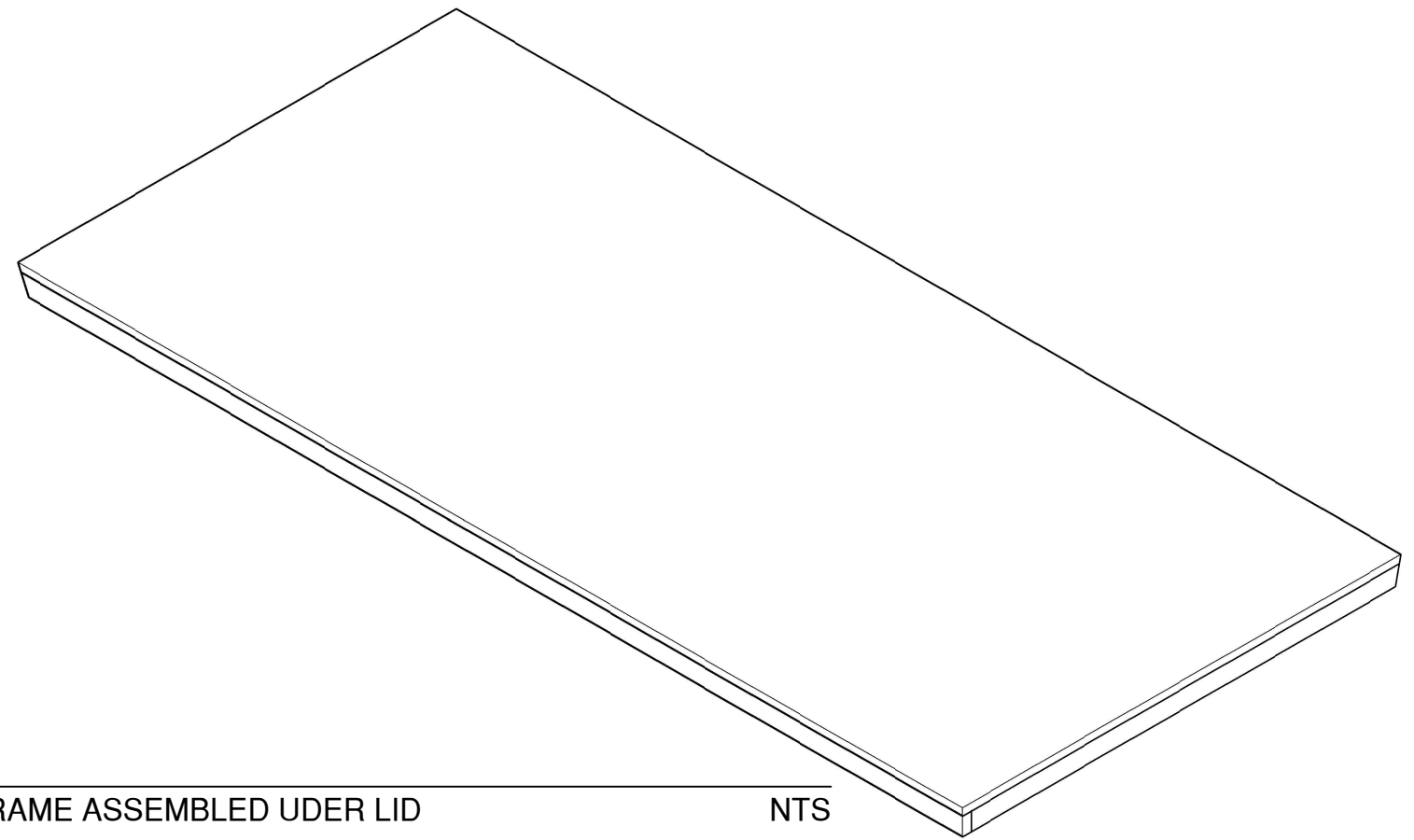
2 FRONT VIEW: PLYWOOD
 1104 TWO SIDES AND FRONT ARE BEVELED 10 deg. 3/4"=1'-0"
 3/4" CDX PLY



5 SIDE VIEW: 1x FRAME UNDER PLYWOOD LID
 1104 COMPOUND MITERED FRAMING 3/4"=1'-0"
 BACK OF FRAME IS CUT SQUARE
 GLUE AND NC STAPLE



6 DETAIL VIEW
 1104 6"=1'-0"



7 ISO
 1104 1x FRAME ASSEMBLED UDER LID NTS
 FRAME SITS FLUSH TO UNDERSIDE BEVELED EDGE OF PLY

LIFT PLATFORM

LID CONSTRUCTION

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	TOM FAGERHOLM
DIRECTOR:	TOM FAGERHOLM
DWG BY:	TKF
DATE:	5/28/19
INVENTORY CODE:	J0-TRP
FILE:	JO-1100-TRP.dwg

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

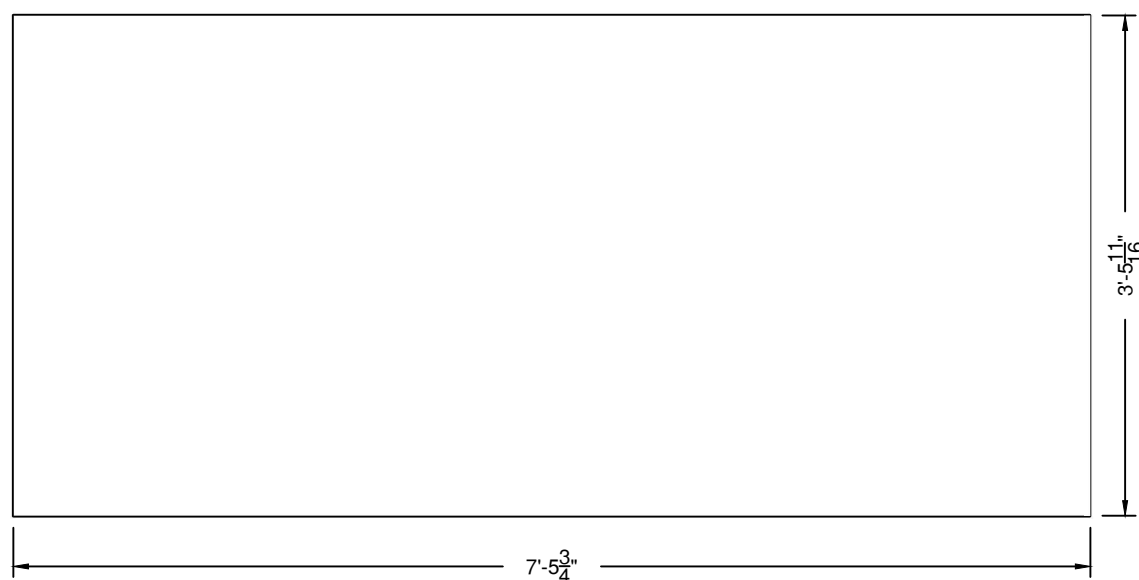
SCRAP USED

MATERIAL	QUANTITY

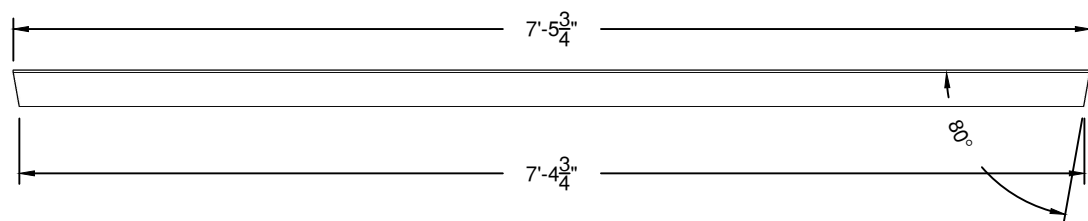
SCALE: AS NOTED

1104

JOSEPH

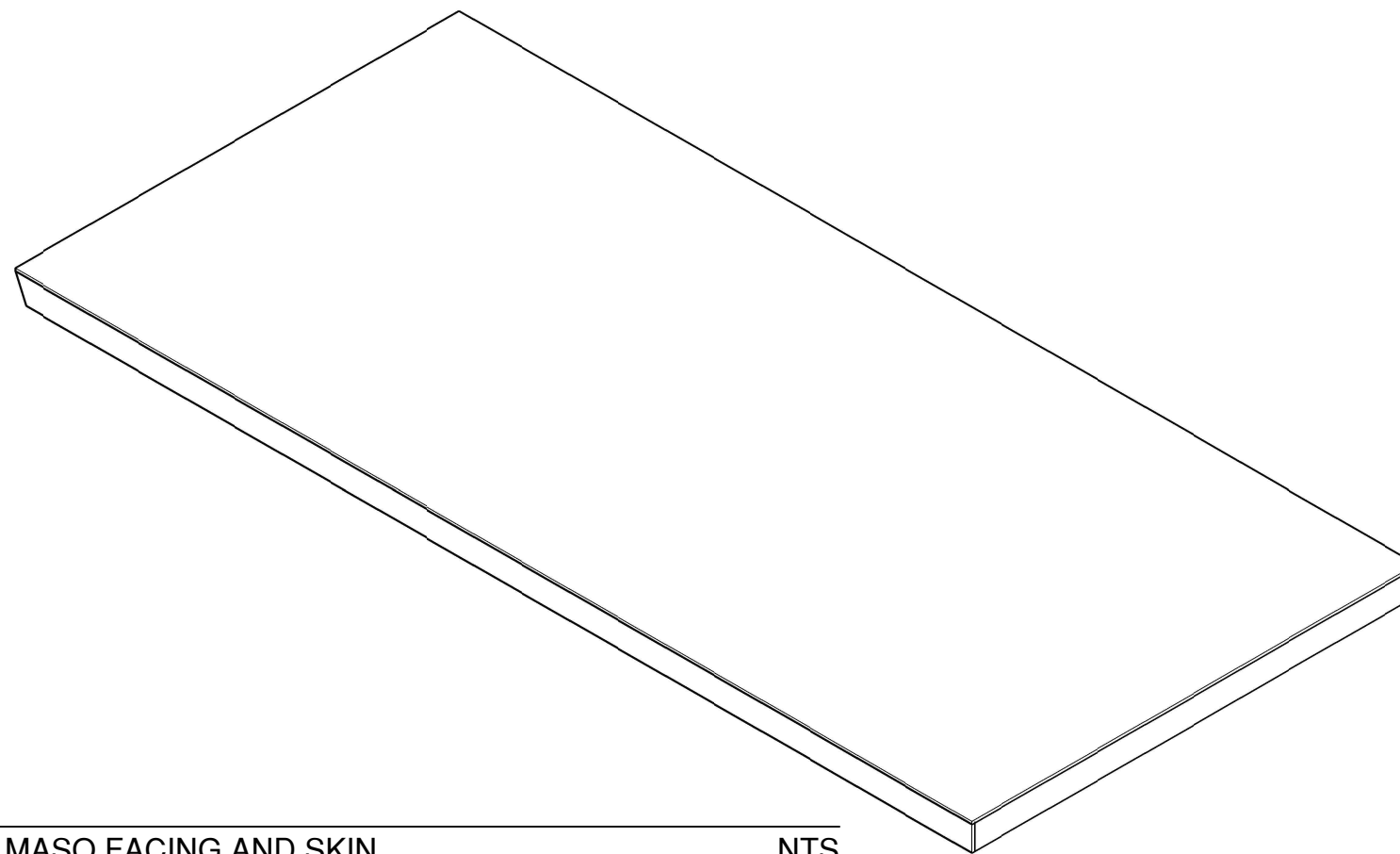


1 TOP VIEW: MASO SKIN
1105 APPLY MASO FACING BEFORE TOP SKIN 3/4"=1'-0"
 TOP IS CUT W/ SQUARED EDGES
 3/16" MASO SKIN
 FLUSH TO BACK OF PLY (SIDE THAT IS CUT SQUARE)



2 FRONT VIEW: MASO FACING
1105 3/16" MASO FACING & SKIN SIDE 3/4"=1'-0"
 FACE SIDES FIRST! (FRONT CAPS SIDES)
 FACE SIDE THEN FLUSH TRIM TO TOP, SIDES, & BOTTOM. REPEAT FOR FRONT PIECE.
 USE AN OVERSIZE PIECE FOR EASE OF CONSTRUCTION
 GLUE & NC STAPLE

3 ISO
1105 3/16" MASO FACING AND SKIN NTS



LIFT PLATFORM

LID FACING & SKIN

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TOM FAGERHOLM
DWG. BY:	TKF
DATE:	5/28/19
INVENTORY CODE:	J0-TRP
FILE:	JO-1100-TRP.dwg

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

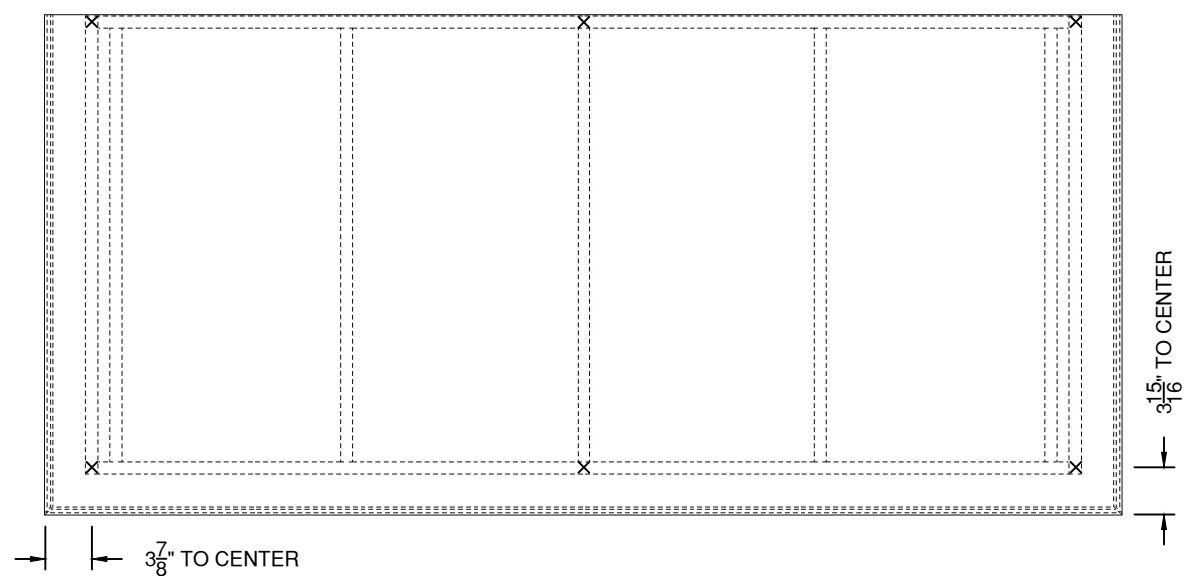
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MATERIAL	QUANTITY

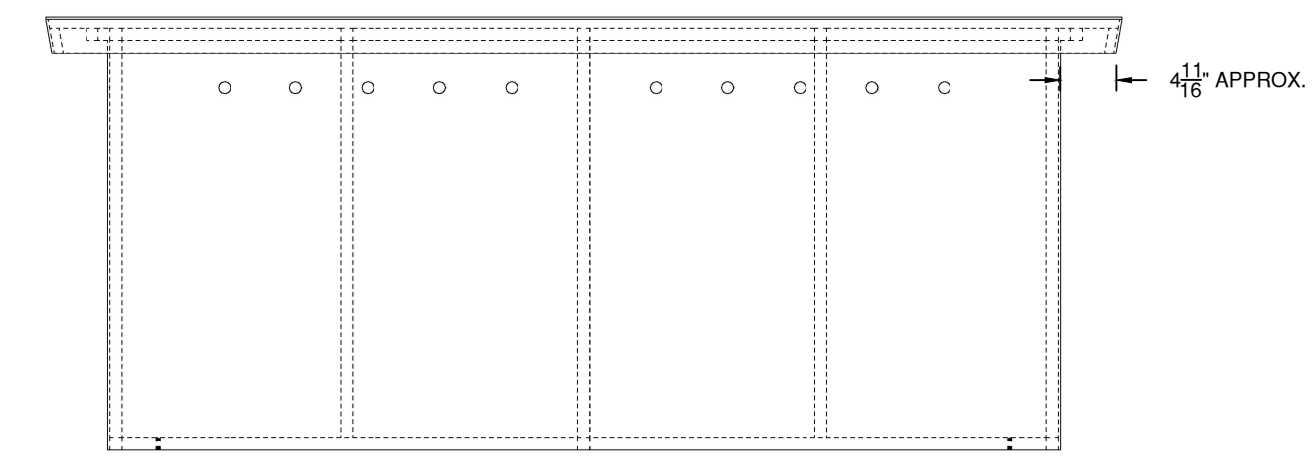
SCALE: AS NOTED

1105

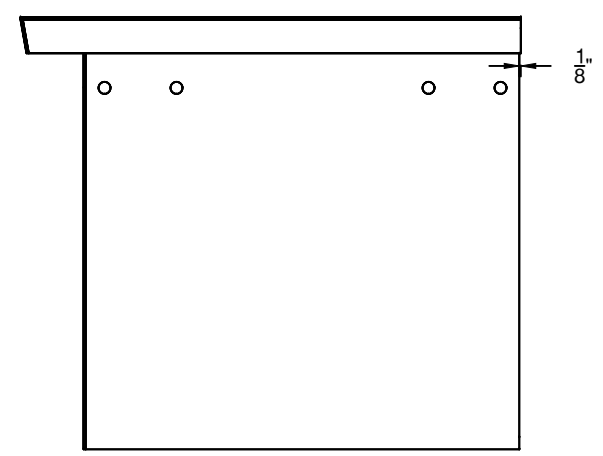
JOSEPH



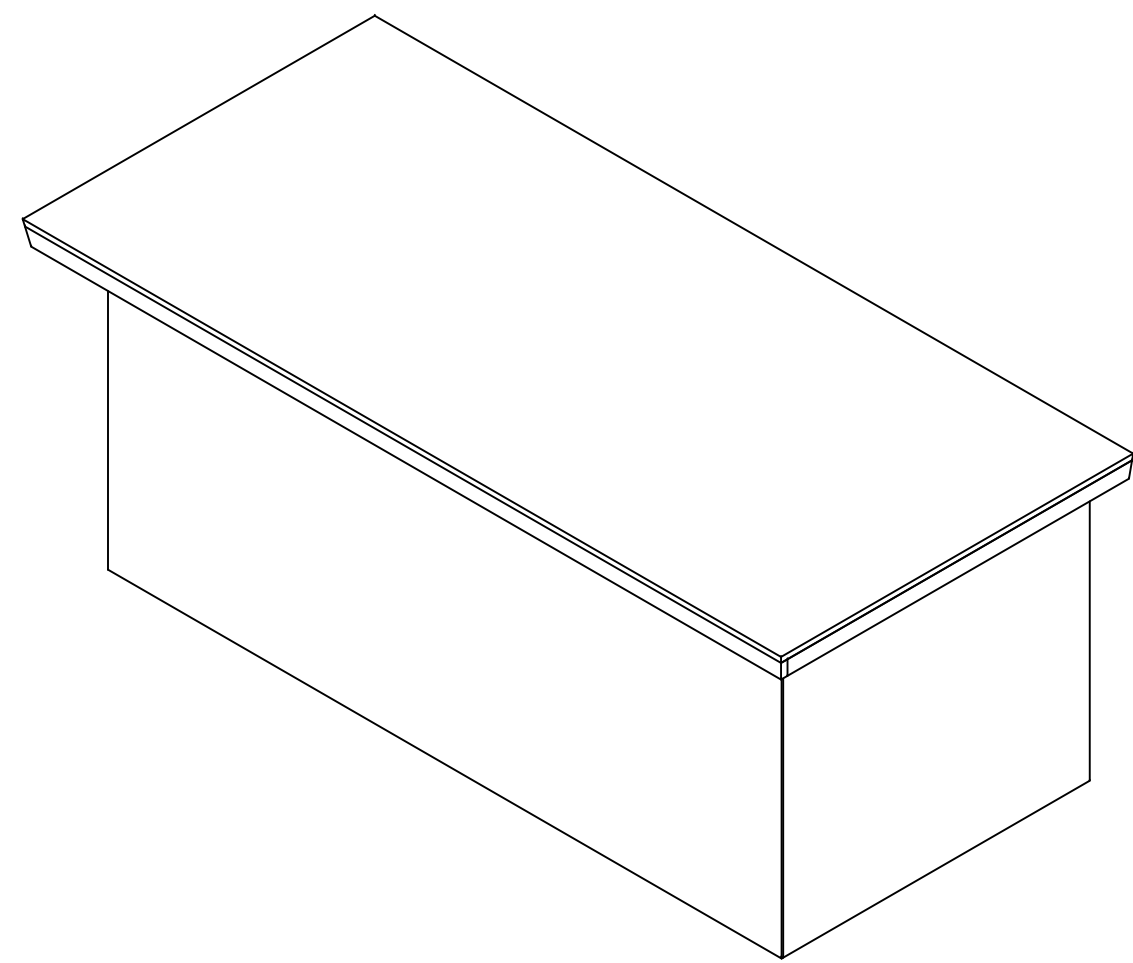
1 TOP VIEW: LID PLACEMENT ON FRAME
 1106 DIMS PROVIDED FOR TEK SCREW PLACEMENT 3/4"=1'-0"
 BACK EDGE OVERHANGS FRAME BY 1/8"
 LID IS CENTERED SIDE TO SIDE
 TEK SCREW THROUGH MASO TO FRAME
 6 POINTS OF CONNECTON (X's SHOWN)



2 FRONT VIEW: LIFT FRAME & LID
 1106 LID IS CENTERED SIDE TO SIDE
 SIDE 3/4"=1'-0"



4 ISO
 1106



NTS

LIFT PLATFORM

LID ATTACHMENT

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TOM FAGERHOLM
DWG. BY:	TKF
DATE:	5/28/19
INVENTORY CODE:	J0-TRP
FILE:	JO-1100-TRP.dwg

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

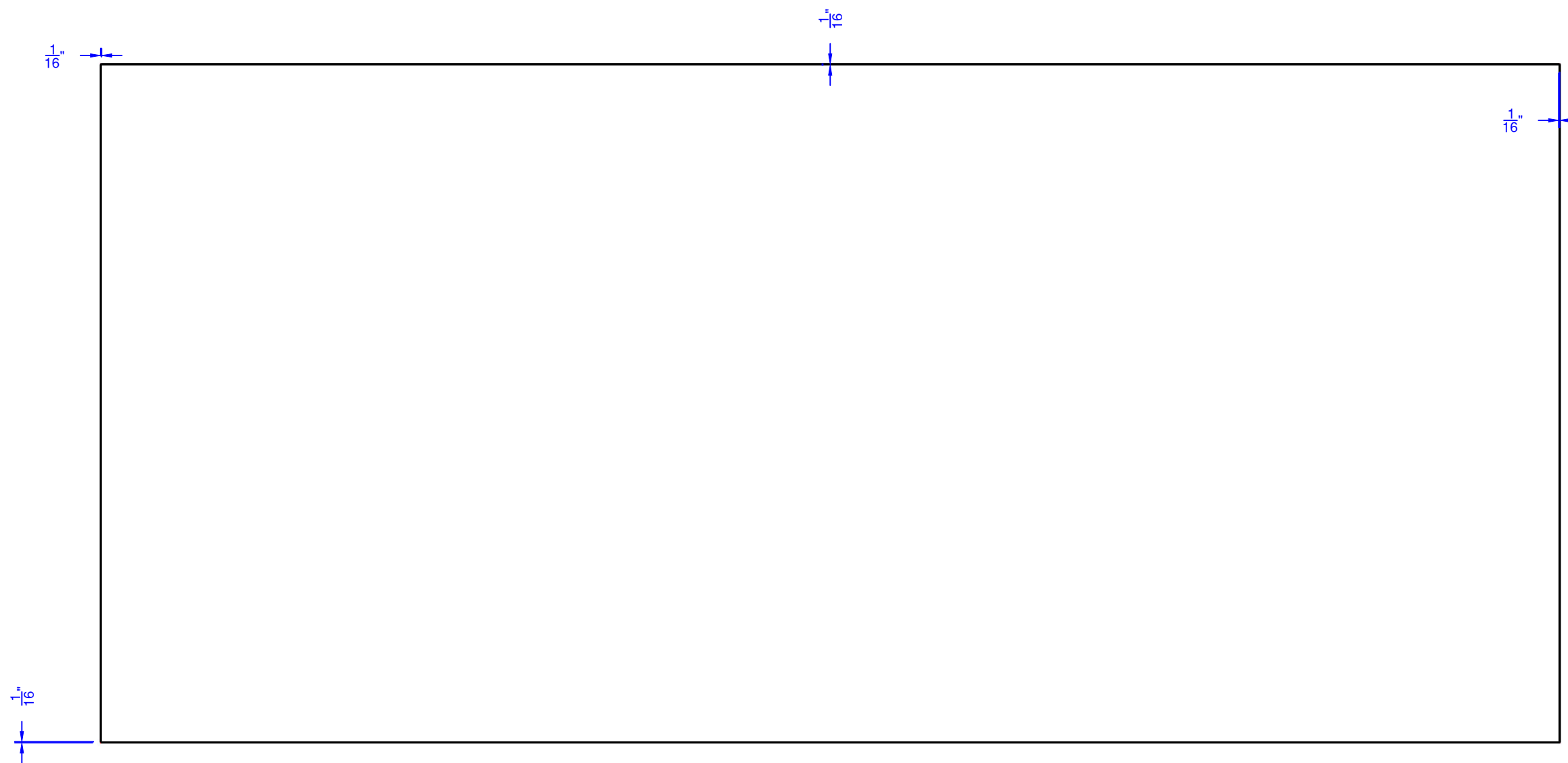
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1106

JOSEPH



1
1107 TOP VIEW: LIFT PLATFORM ON LIFTBED
PLATFORM LID WHEN PLACED ON LIFT BED SHOULD BE INSET 1/16" FROM LIFT BED LID ON ALL SIDES 1-1/2"=1'-0"
WHEN PLATFORM IS FLUSH WITH STAGE, THERE SHOULD BE APPROX. 3/16" GAP ALL AROUND
PLATFORM FRAME BOLTS TO PLYWOOD ON LIFTBED

LIFT PLATFORM

PLAT. TO LIFT ATTACH.

DIRECTOR:	BRAD CARROL	
DESIGNER:	JASON LAJKA	
TECH. DIRECTOR:	TOM FAGERHOLM	
DWG BY:	TKF	DATE: 5/30/19
INVENTORY CODE:	J0-TRP	
FILE:	JO-1100-TRP.dwg	

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

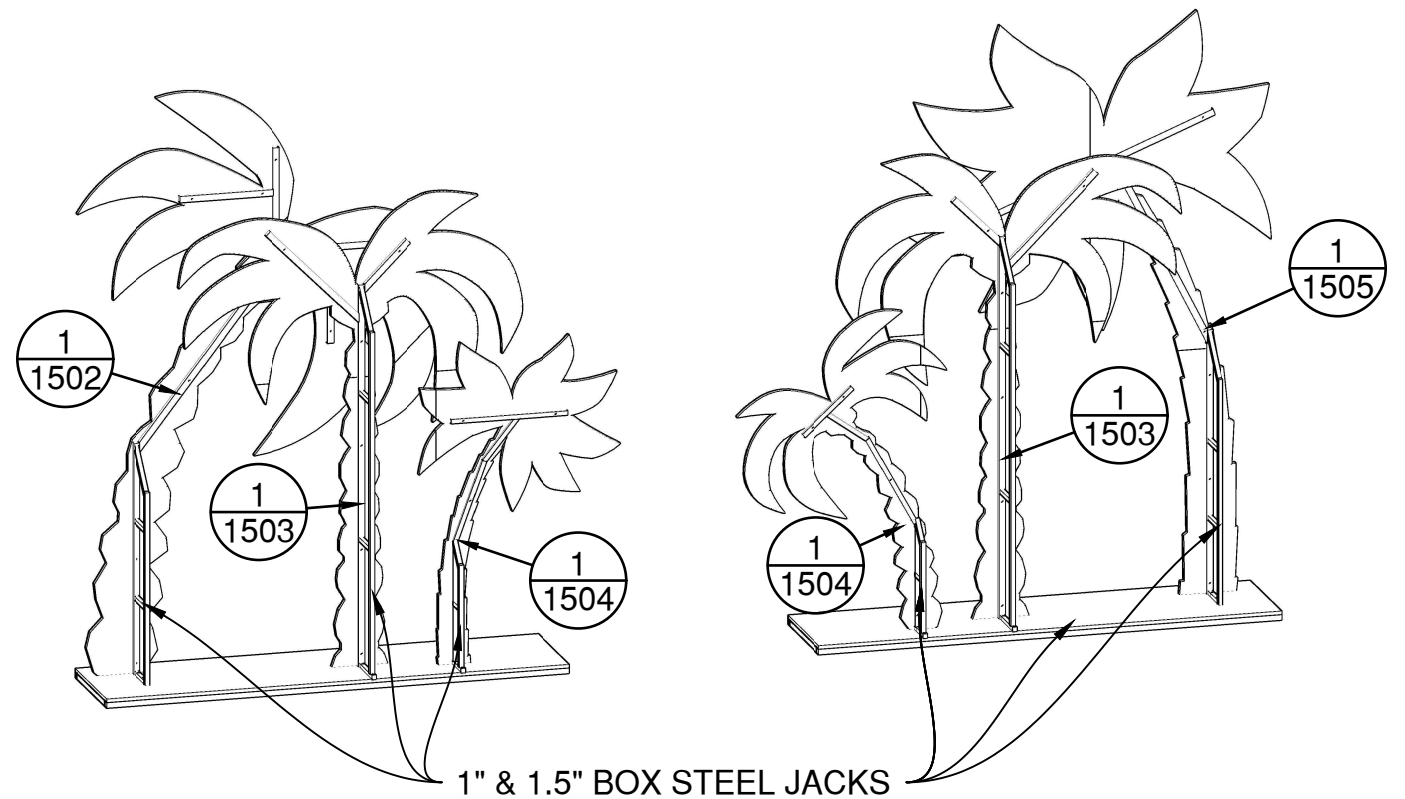
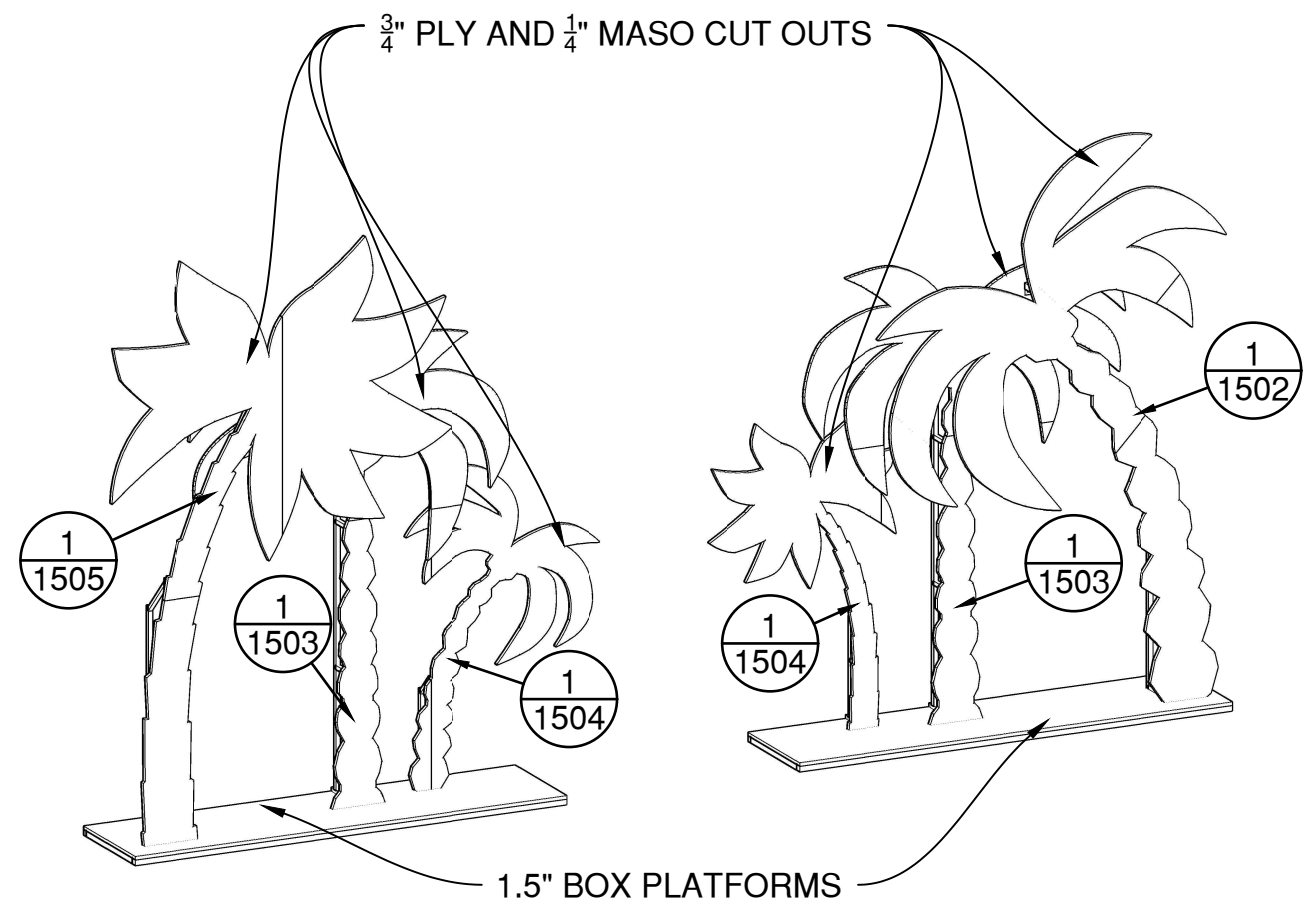
SCRAP USED

MATERIAL	QUANTITY

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

1107

JOSEPH



1 FRONT RIGHT ISO VIEW
 1500 CASTER UNIT WITH QUAD CASTERS
 PALM TREE CUTOUTS ARE CUT ON CNC
 STEEL JACKS BOLTED TO THE WAGON FRAME
 1/4"=1'

2 BACK LEFT ISO VIEW
 1500 CASTER UNIT WITH QUAD CASTERS
 PALM TREE CUTOUTS ARE CUT ON CNC
 STEEL JACKS BOLTED TO THE WAGON FRAME
 1/4"=1'

PALM TREES

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TD
DWG BY:	MDB
DATE:	6/5/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

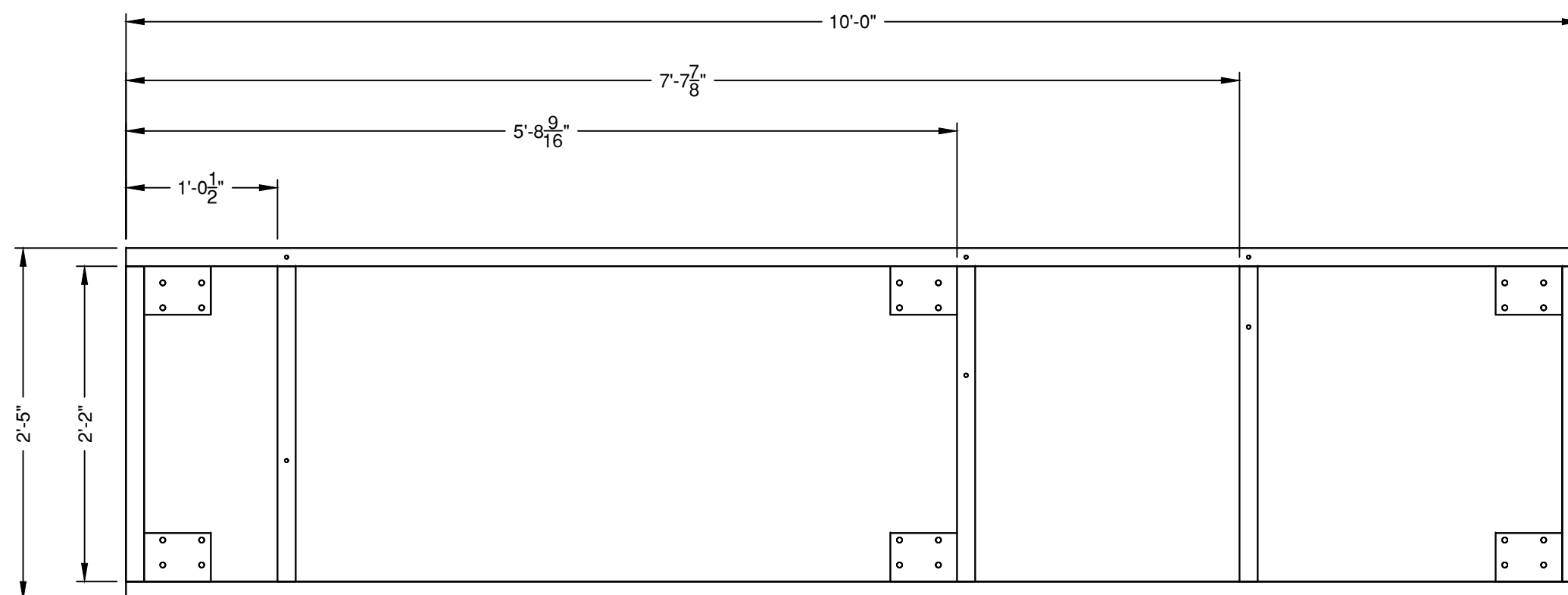
SCRAP USED

MATERIAL	QUANTITY

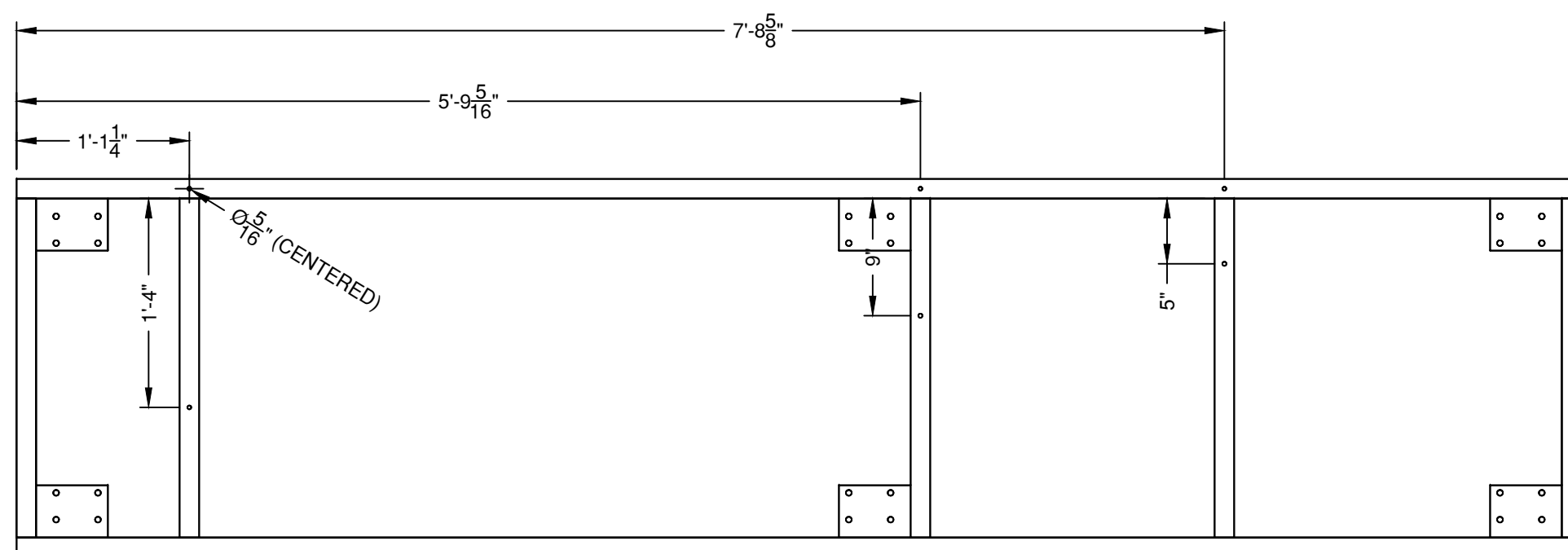
SCALE: AS NOTED

1500

JOSEPH



1 TOP VIEW: SR WAGON
 1501 1.5"x.065 SQ TUBE CONST. 1"=1'-0"
 BUILD 2 (REVERSE AND REPEAT SECOND FRAME)
 WELD 2 SIDES (FILLETS AND BOTTOM FACES)
 NO NEED TO GRIND



2 TOP VIEW: SR WAGON BOLT HOLE PLACEMENT
 1501 BOLT HOLE SIZE IS 5/16" (CENTERED) 1"=1'-0"
 REVERSE AND REPEAT FOR SECOND FRAME

PALM TREES

WAGONS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TD
DWG. BY:	MDB
DATE:	6/5/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1501

JOSEPH

PALM TREES

OFFSTAGE JACK (SLW)

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TD
DWG BY:	MDB
DATE:	6/8/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

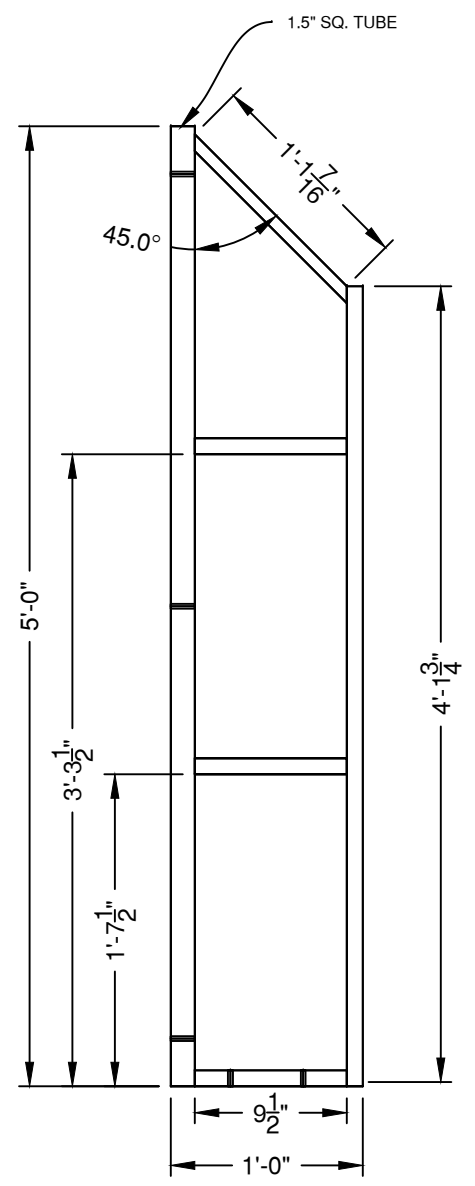
MATERIALS USED

MATERIAL	QUANTITY

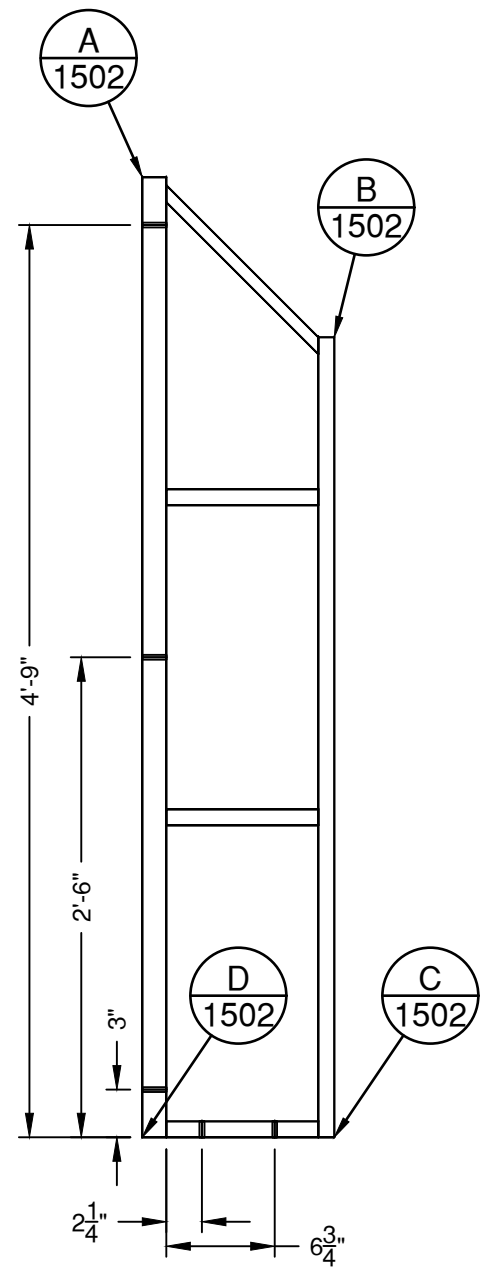
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED



1 SIDE VIEW: SL WAGON OFFSTAGE JACK
 1502 1" SQ TUBE UNLESS NOTED 1"=1'-0"
 WELD 2 SIDES (FILLETS AND/OR FACES)
 GRIND FACE WELDS
 1" SQ. CENTERED ON THE 1.5" SQ. TUBE



2 SIDE VIEW: BOLT HOLES & DIAGONALS
 1502 BOLT HOLE SIZE IS 5/16" (CENTERED) 1"=1'-0"
 DIAGONAL A->C= 5'-1 3/16"
 DIAGONAL B->D= 4'-3 7/16"

1502

JOSEPH

PALM TREES

OFFSTAGE JACK (SLW)

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	TD
DWG BY:	MDB
DATE:	6/8/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

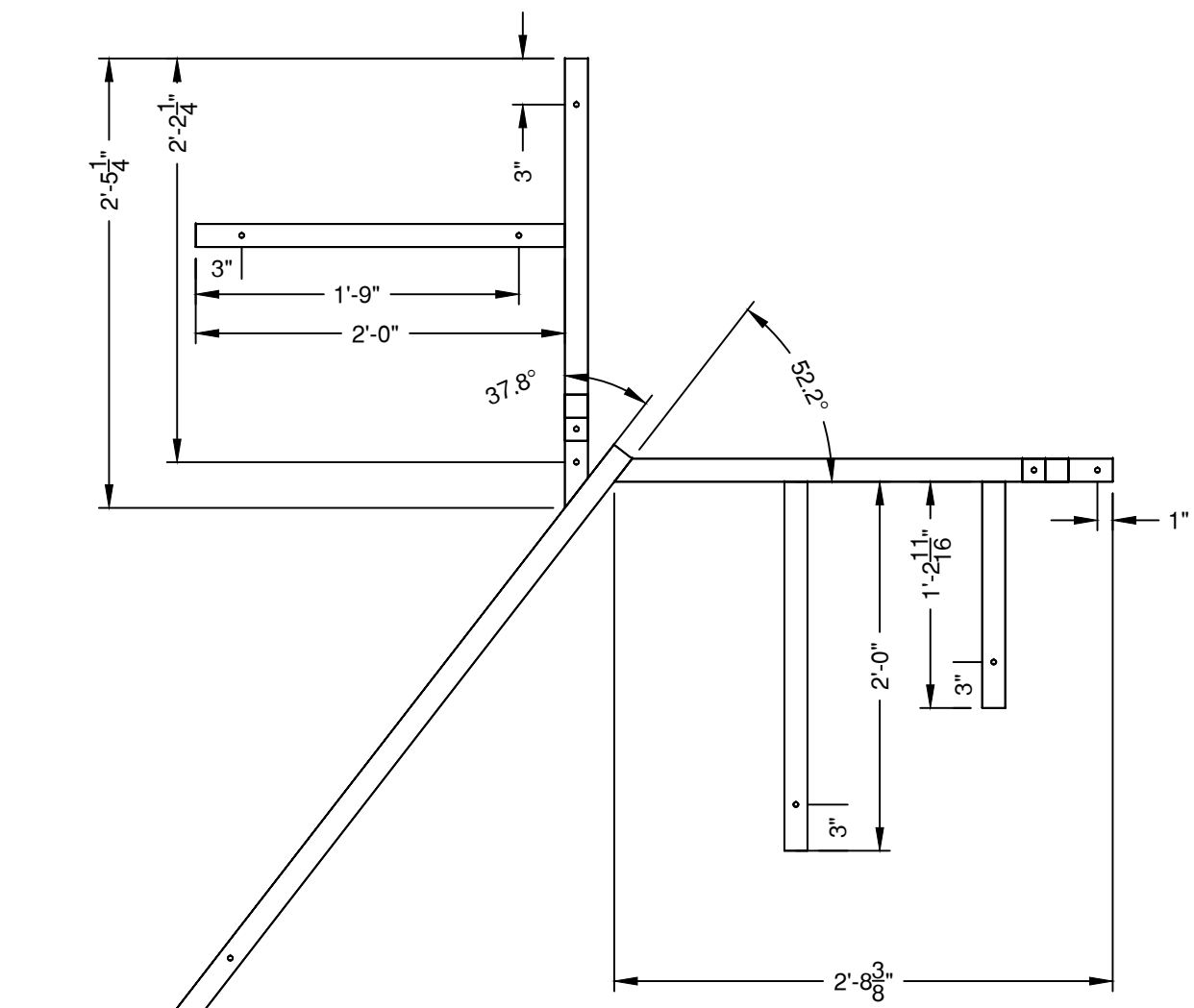
MATERIAL	QUANTITY

SCRAP USED

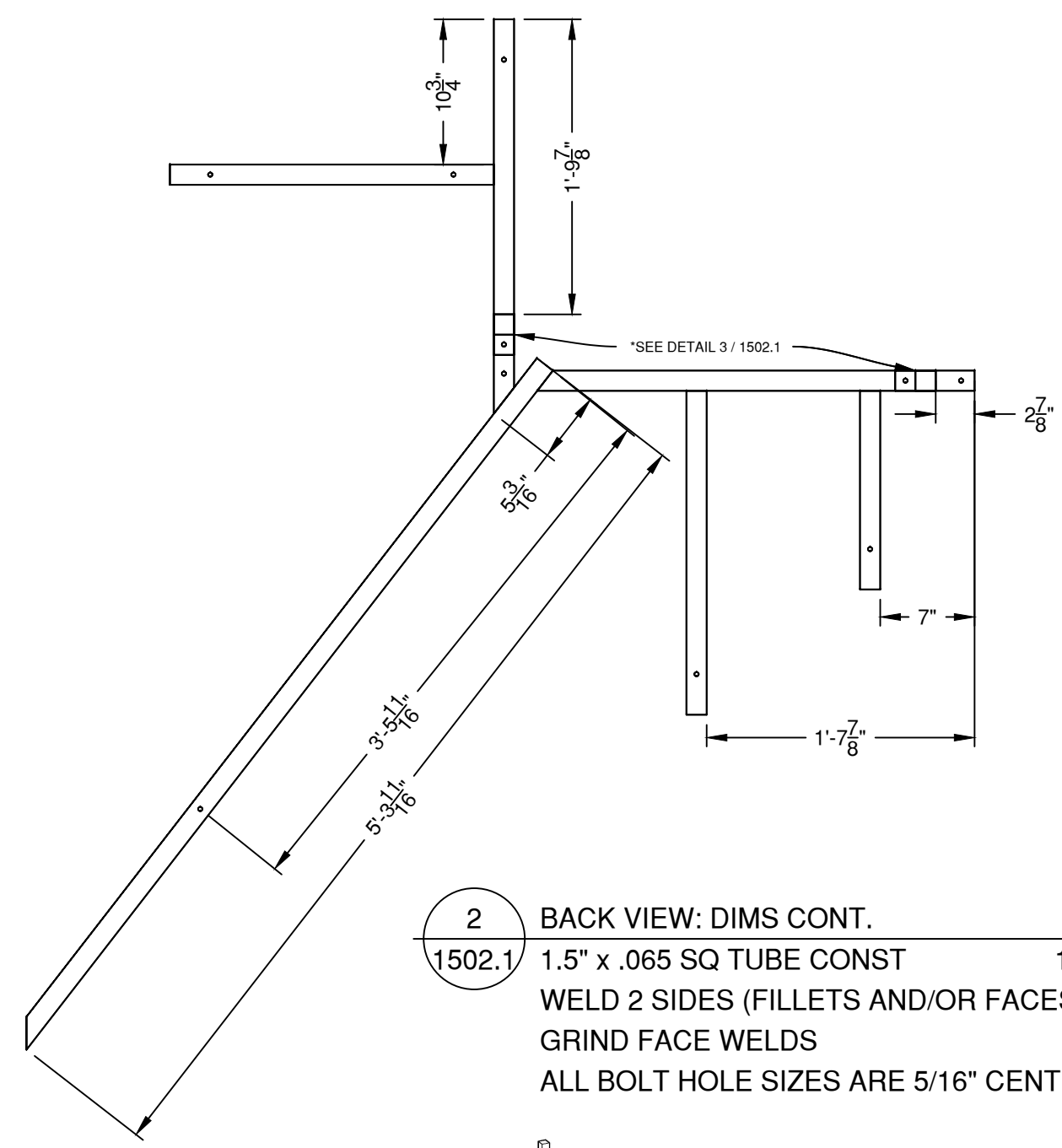
MATERIAL	QUANTITY

SCALE: AS NOTED

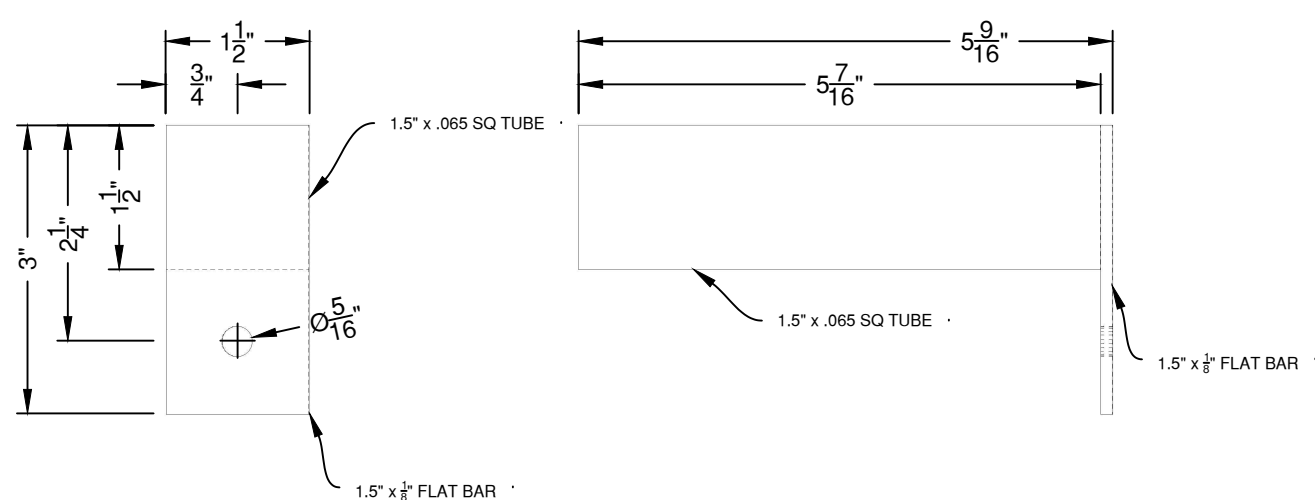
1502.1



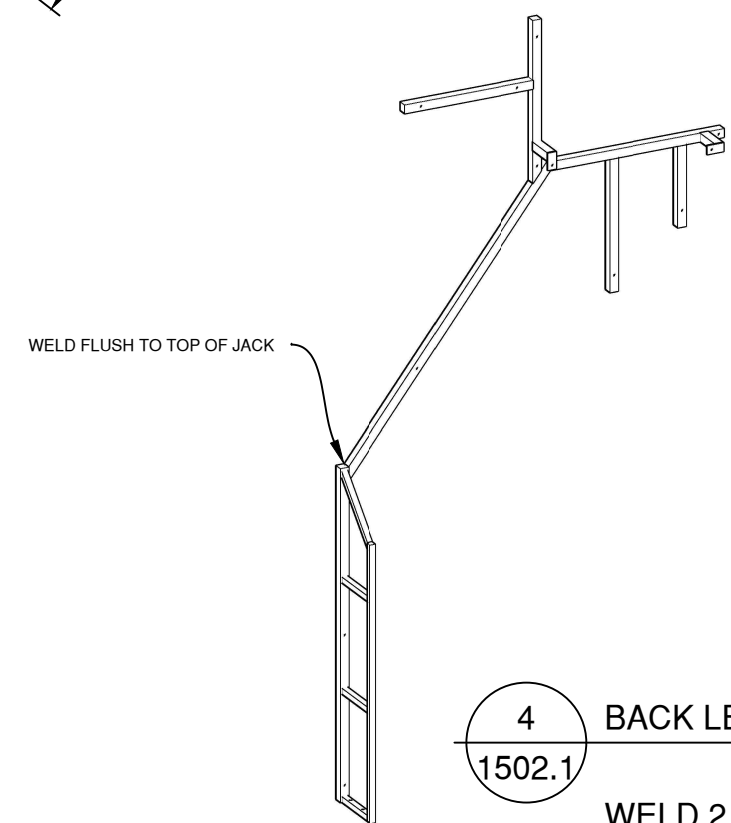
1 BACK VIEW: SL WAGON OFFSTAGE JACK BRANCHES
 1502.1 1.5" x .065 SQ TUBE CONST 1"=1'-0"
 WELD 2 SIDES (FILLET AND/OR FACES)
 GRIND FACE WELDS
 ALL BOLT HOLE SIZES ARE 5/16" CENTERED



2 BACK VIEW: DIMS CONT.
 1502.1 1.5" x .065 SQ TUBE CONST 1"=1'-0"
 WELD 2 SIDES (FILLET AND/OR FACES)
 GRIND FACE WELDS
 ALL BOLT HOLE SIZES ARE 5/16" CENTERED

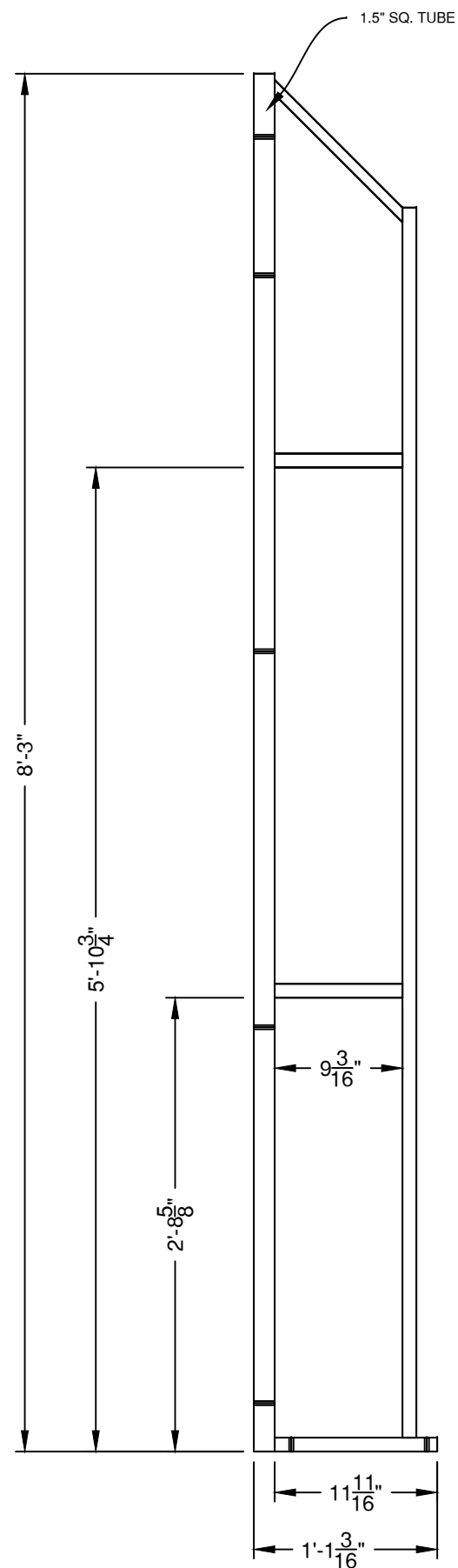


3 FRONT AND SIDE VIEW
 1502.1 MAKE 4 (2 ARE FOR ANOTHER JACK) 6" = 1'
 WELD 2 SIDES (FILLET AND/OR FACES)
 GRIND FACE WELDS
 ALL BOLT HOLE SIZES ARE 5/16" CENTERED

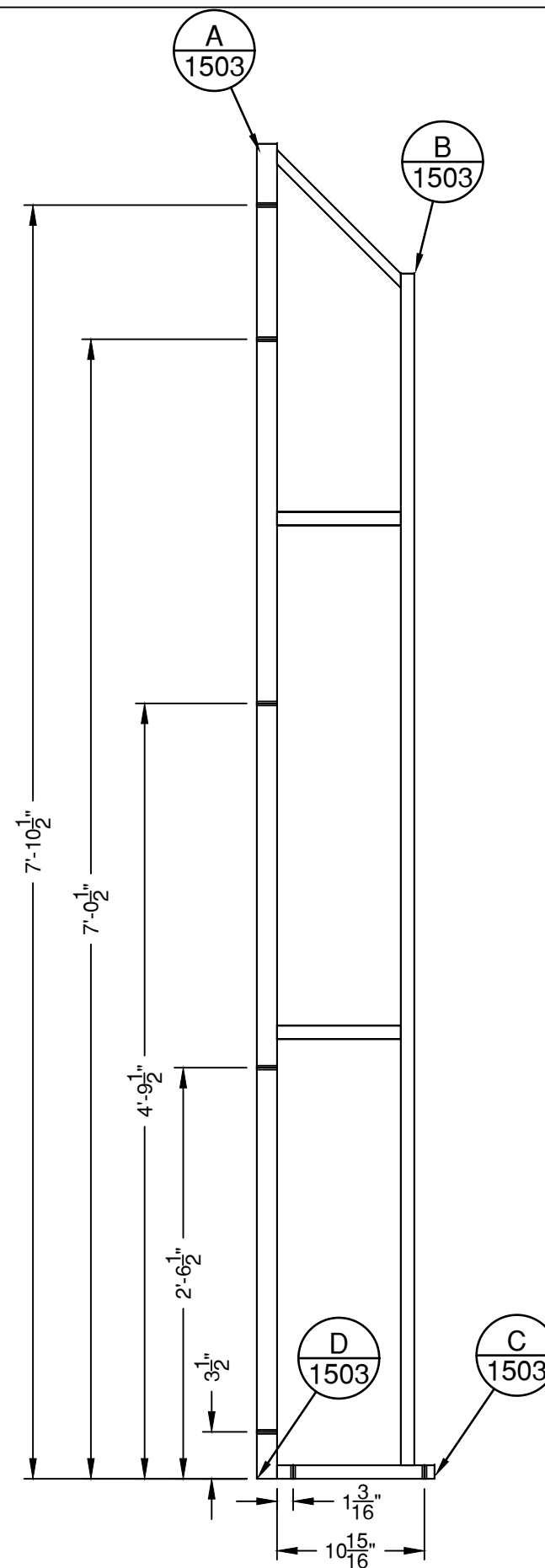


4 BACK LEFT ISO VIEW
 1502.1 WELD 2 SIDES (FILLET AND/OR FACES)
 GRIND FACE WELDS

JOSEPH



1 SIDE VIEW: SL & SR WAGON CENTER JACKS
 1503 1" SQ TUBE UNLESS NOTED 1"=1'-0"
 WELD 2 SIDES (FILLETS AND/OR FACES)
 GRIND FACE WELDS
 1" SQ. CENTERED ON THE 1.5" SQ. TUBE
 BUILD 2



2 SIDE VIEW: BOLT HOLES & DIAGONALS
 1503 BOLT HOLE SIZE IS 5/16" (CENTERED) 1"=1'-0"
 DIAGONAL A->C= 8'-3 7/8"
 DIAGONAL B->D= 7'-6 1/8"

PALM TREES CENTER JACKS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TD
DWG. BY:	MDB
DATE:	6/8/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

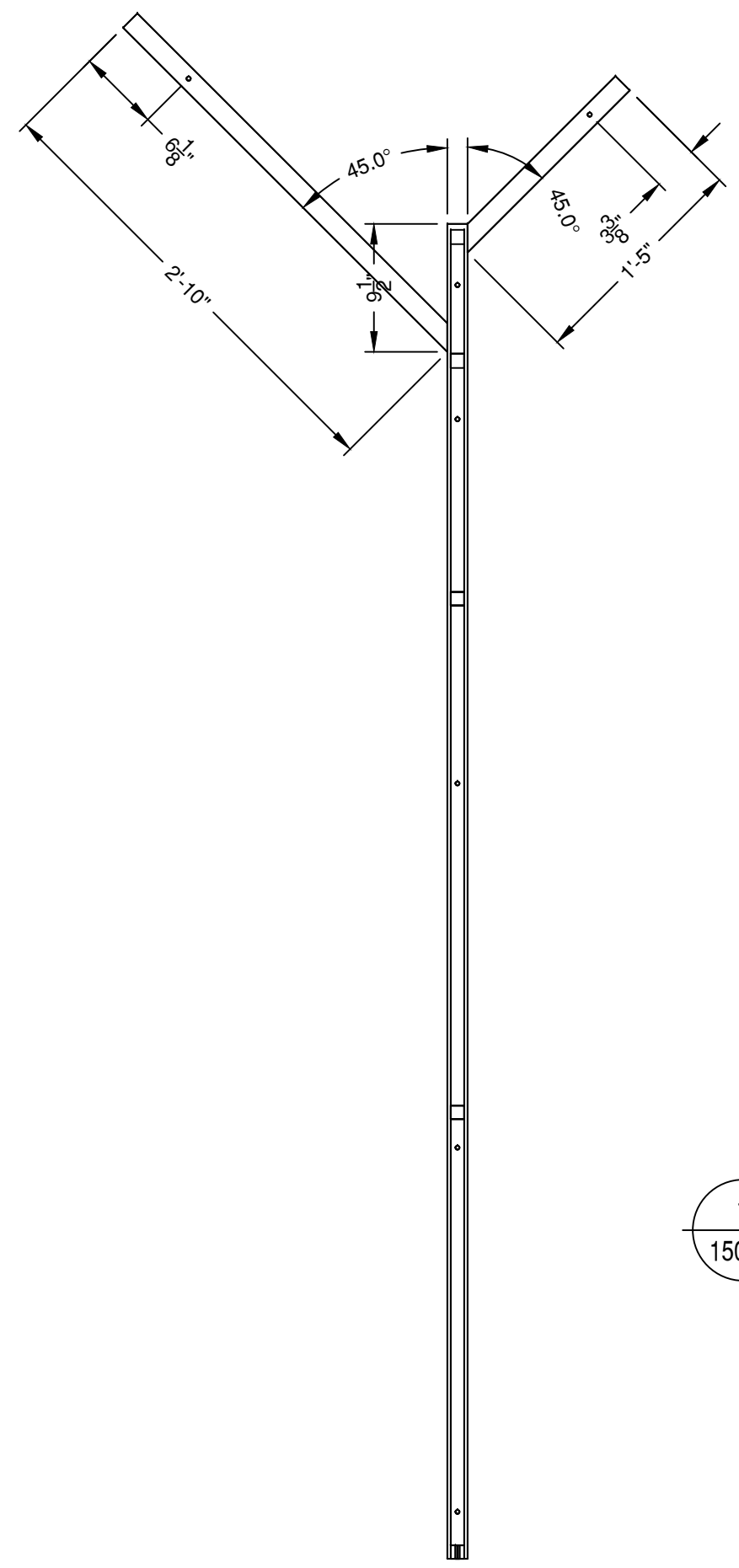
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1503

JOSEPH



1 BACK VIEW: SL & SR WAGON CENTER JACKS
 1503.1 1.5" x .065 SQ TUBE 1"=1'-0"
 WELD 2 SIDES (FILLETES AND/OR FACES)
 GRIND FACE WELDS
 REVERSE AND REPEAT
 ALL BOLT HOLES ARE 5/16" (CENTERED)

PALM TREES

CENTER JACKS

DIRECTOR:	BRAD CARROL	
DESIGNER:	JASON LAJKA	
TECH. DIRECTOR:	TD	
DWG. BY:	MDB	DATE: 6/11/19
INVENTORY CODE:	JO - PLM	
FILE:	JO-1500-PLM	

BUILD TIME

DATE	HOURS (Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY

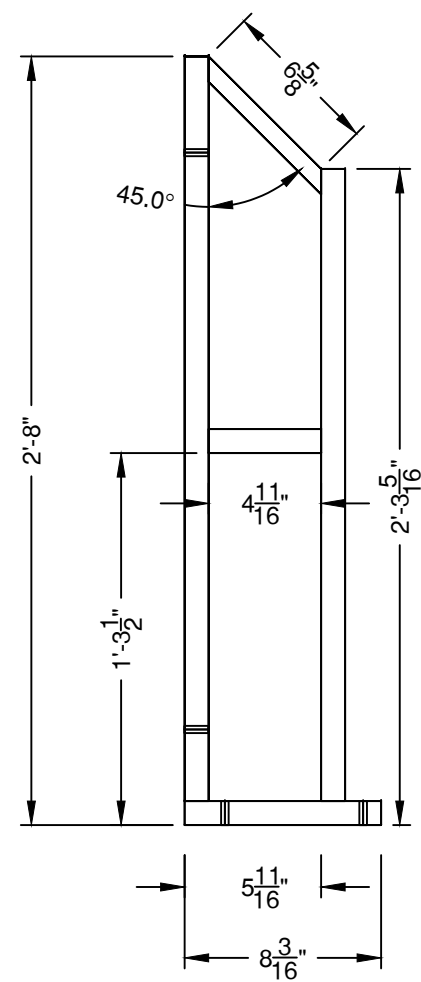
SCRAP USED

MATERIAL	QUANTITY

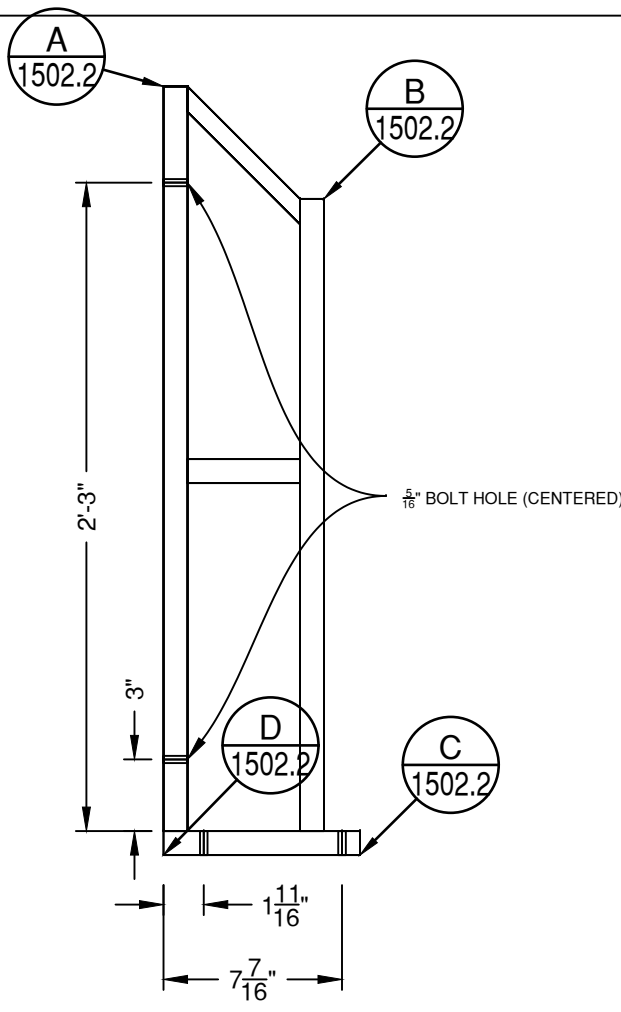
SCALE: AS NOTED

1503.1

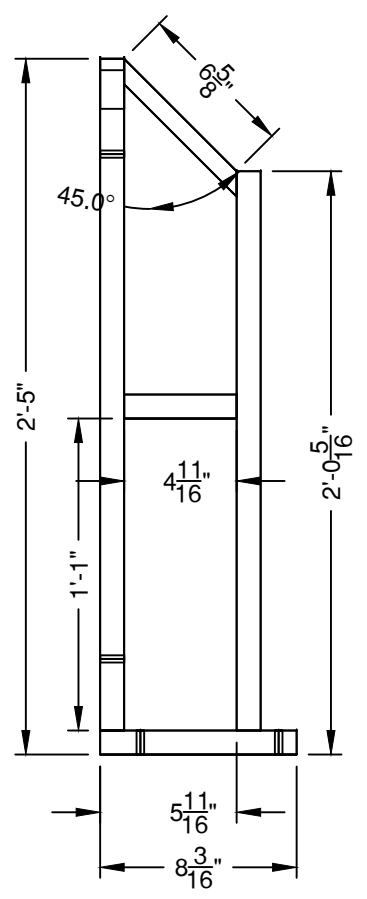
JOSEPH



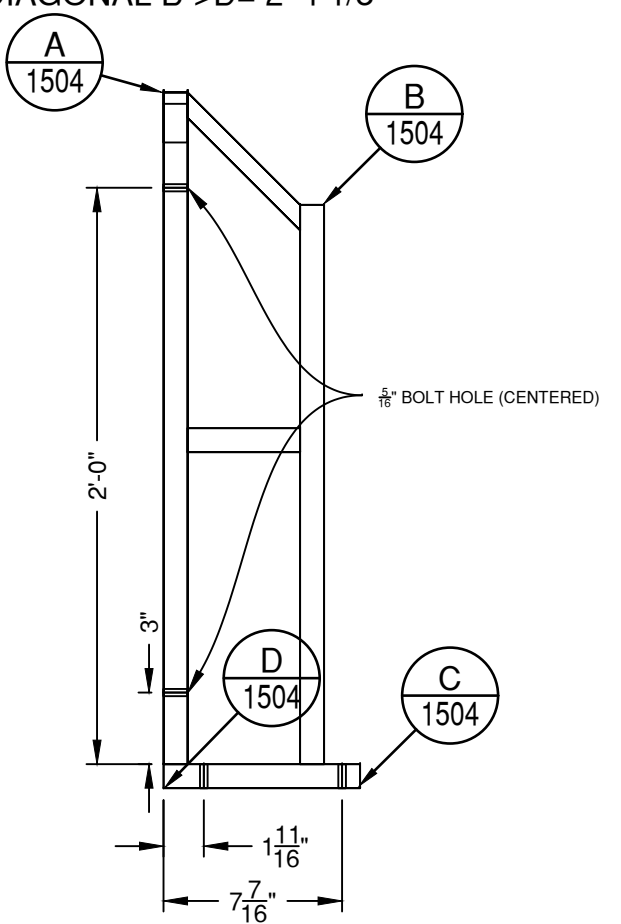
1 SIDE VIEW: SL ONSTAGE JACK
 1504 1" x .065 SQ TUBE CONST. 1 1/2"=1'-0"
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND FACE WELDS



2 SIDE VIEW: SL ON JACK (BOLT HOLES & DIAGONALS)
 1504 BOLT HOLE SIZE IS 5/16" (CENTERED) 1 1/2"=1'-0"
 DIAGONAL A->C= 2'-9 1/16"
 DIAGONAL B->D= 2'-4 1/8"



3 SIDE VIEW: SR ONSTAGE JACK
 1504 1" x .065 SQ TUBE CONST. 1 1/2"=1'-0"
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND FACE WELDS



2 SIDE VIEW: SR ON JACK (BOLT HOLES & DIAGONALS)
 1504 BOLT HOLE SIZE IS 5/16" (CENTERED) 1 1/2"=1'-0"
 DIAGONAL A->C= 2'-6 1/8"
 DIAGONAL B->D= 2'-1 3/16"

PALM TREES

ONSTAGE JACKS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TD
DWG. BY:	MDB
DATE:	6/6/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

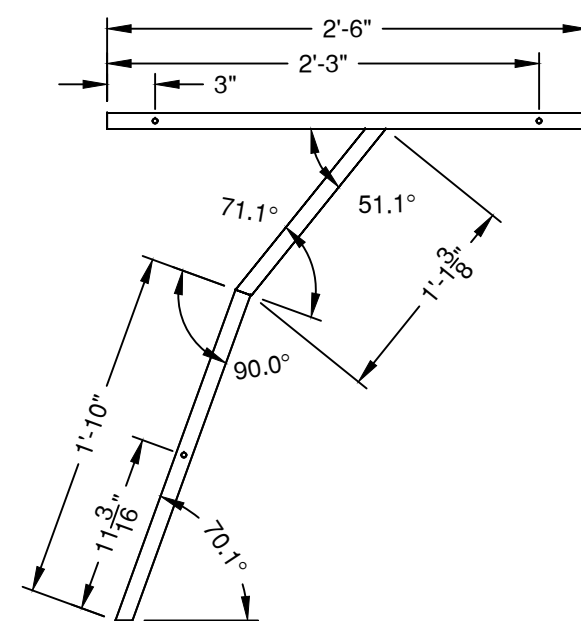
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MATERIAL	QUANTITY

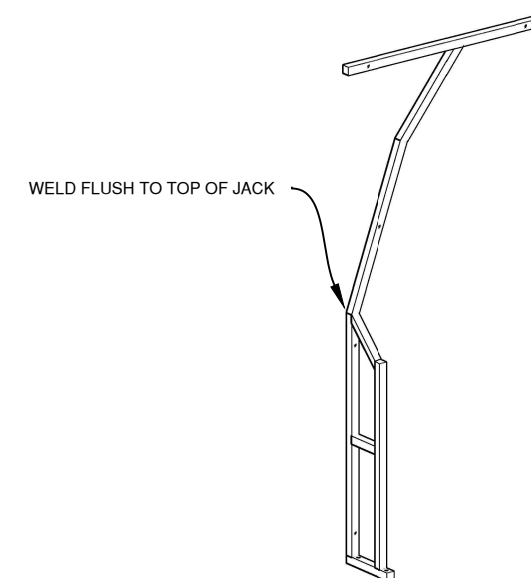
SCALE: AS NOTED

1504

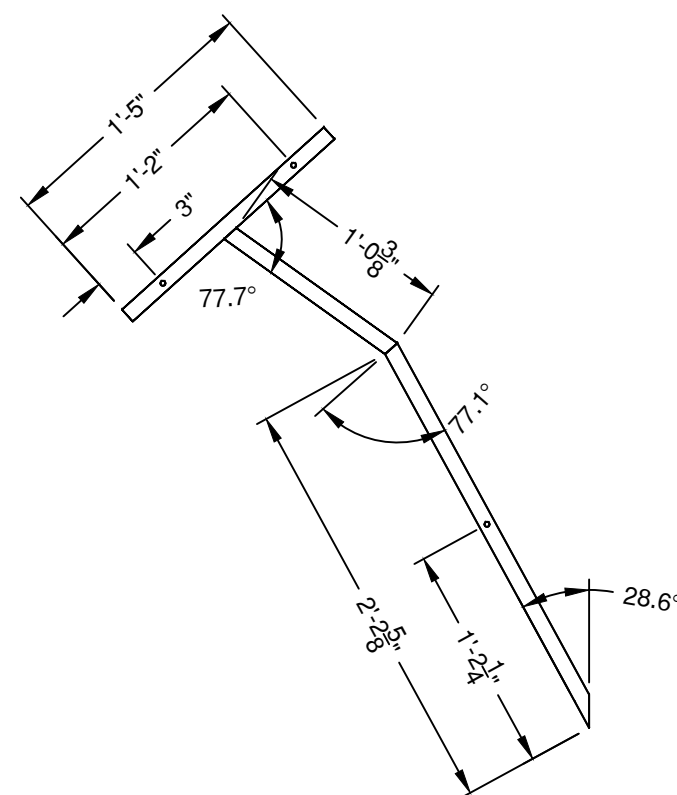
JOSEPH



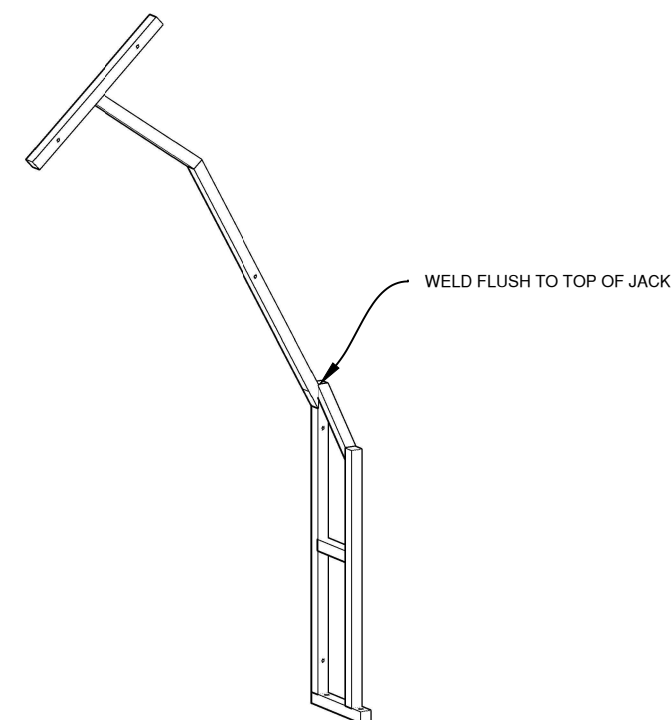
1 BACK VIEW: SL WAGON ONSTAGE JACK BRANCHES
 1504.1 1" x .065 SQ TUBE CONST 1"=1'-0"
 WELD 2 SIDES (FILLETES AND/OR FACES)
 GRIND FACE WELDS
 ALL BOLT HOLE SIZES ARE 5/16" CENTERED



2 REAR LEFT ISO VIEW: SL WAGON ONSTAGE BRANCHES
 1504.1 1" x .065 SQ TUBE CONST NTS
 WELD 2 SIDES (FILLETES AND/OR FACES)
 GRIND FACE WELDS



3 BACK VIEW: SR WAGON ONSTAGE JACK BRANCHES
 1504.1 1" x .065 SQ TUBE CONST 1"=1'-0"
 WELD 2 SIDES (FILLETES AND/OR FACES)
 GRIND FACE WELDS
 ALL BOLT HOLE SIZES ARE 5/16" CENTERED



4 REAR LEFT ISO VIEW: SR WAGON ONSTAGE BRANCHES
 1504.1 1" x .065 SQ TUBE CONST NTS
 WELD 2 SIDES (FILLETES AND/OR FACES)
 GRIND FACE WELDS

PALM TREES ONSTAGE JACKS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	TD
DRAWN BY:	MDB
DATE:	6/11/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

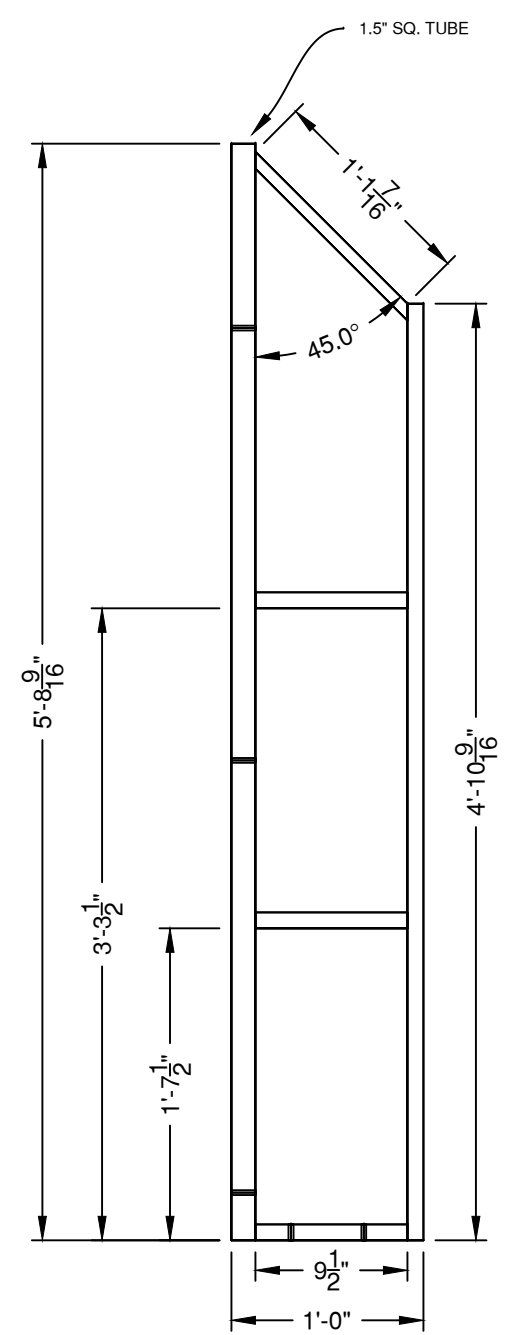
SCRAP USED

MATERIAL	QUANTITY

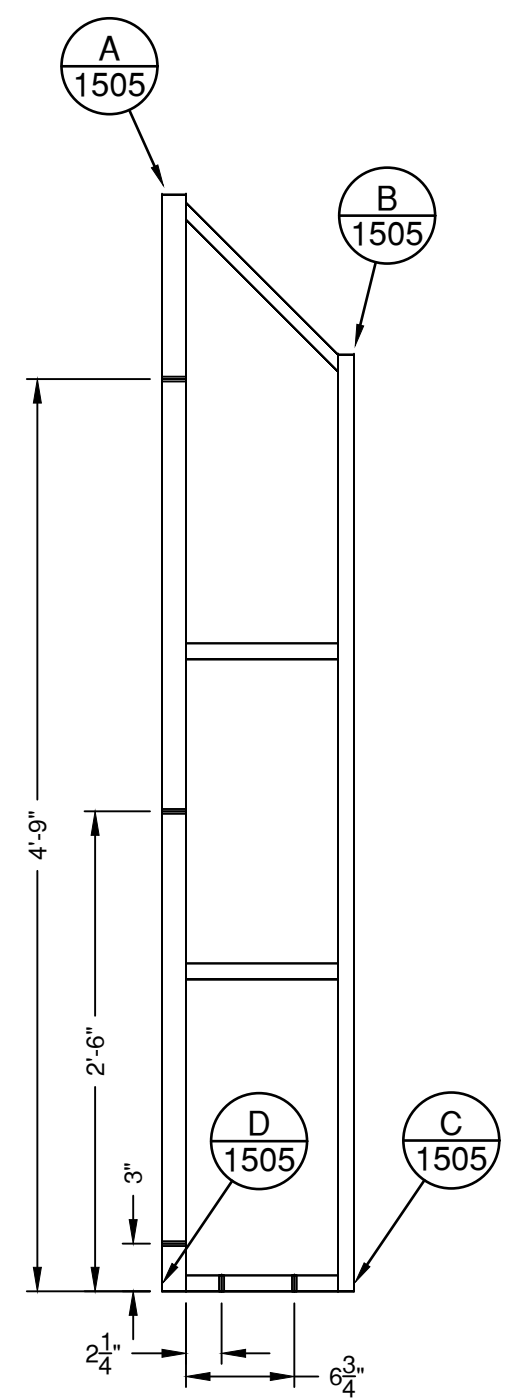
SCALE: AS NOTED

1504.1

JOSEPH



1 SIDE VIEW: SR WAGON OFFSTAGE JACK
 1505 1" SQ TUBE UNLESS NOTED 1"=1'-0"
 WELD 2 SIDES (FILLETS AND/OR FACES)
 GRIND FACE WELDS
 1" SQ. CENTERED ON THE 1.5" SQ. TUBE



2 SIDE VIEW: BOLT HOLES & DIAGONALS
 1505 BOLT HOLE SIZE IS 5/16" (CENTERED) 1"=1'-0"
 DIAGONAL A->C= 5'-9 9/16"
 DIAGONAL B->D= 4'-11 3/4"

PALM TREES

OFFSTAGE JACK (SRW)

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	TD
DIRECTOR:	
DWG. BY:	MDB
DATE:	6/8/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1505

JOSEPH

PALM TREES

OFFSTAGE JACK (SRW)

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	TD
DWG BY:	MDB
DATE:	6/11/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

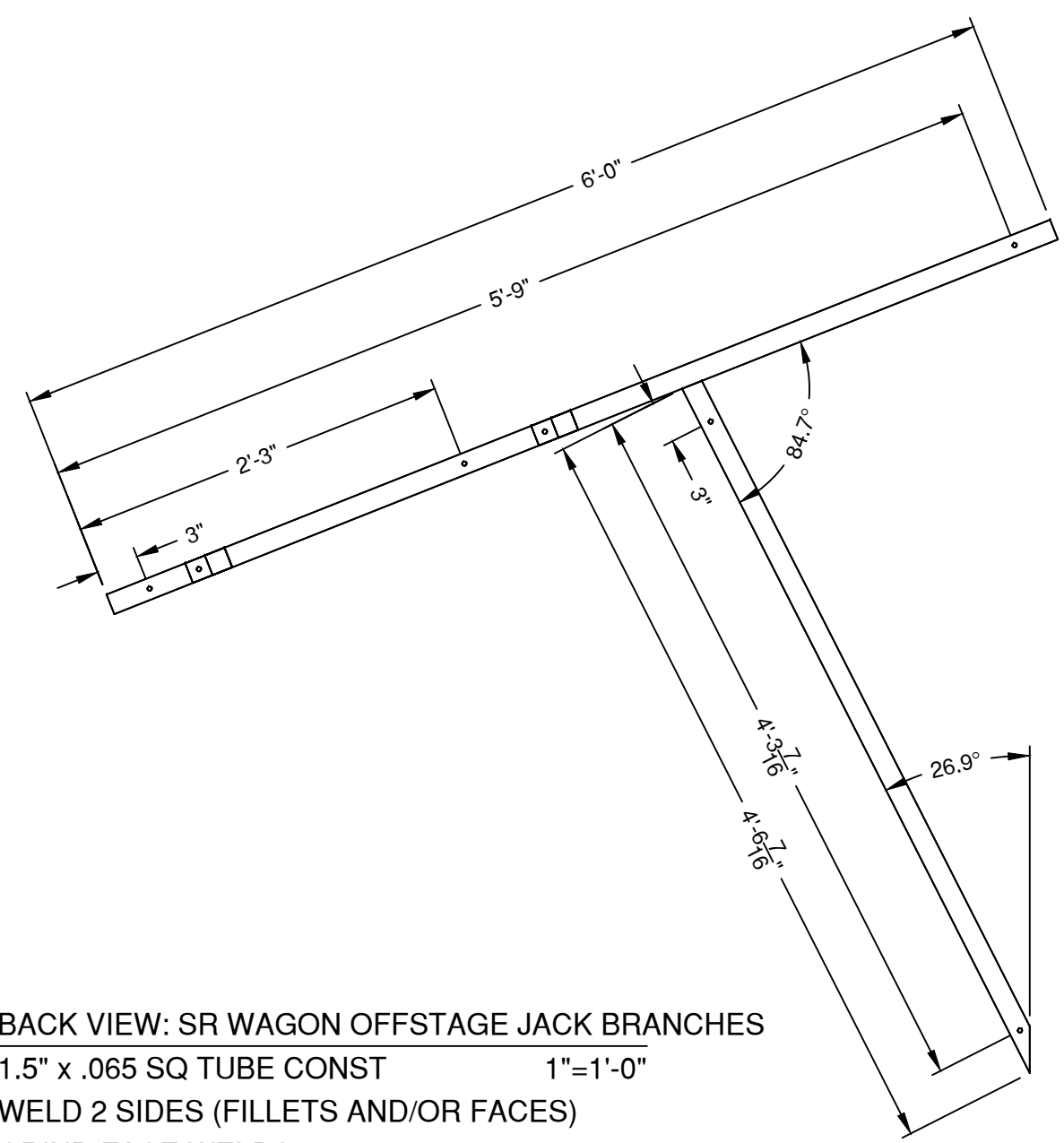
MATERIALS USED

MATERIAL	QUANTITY

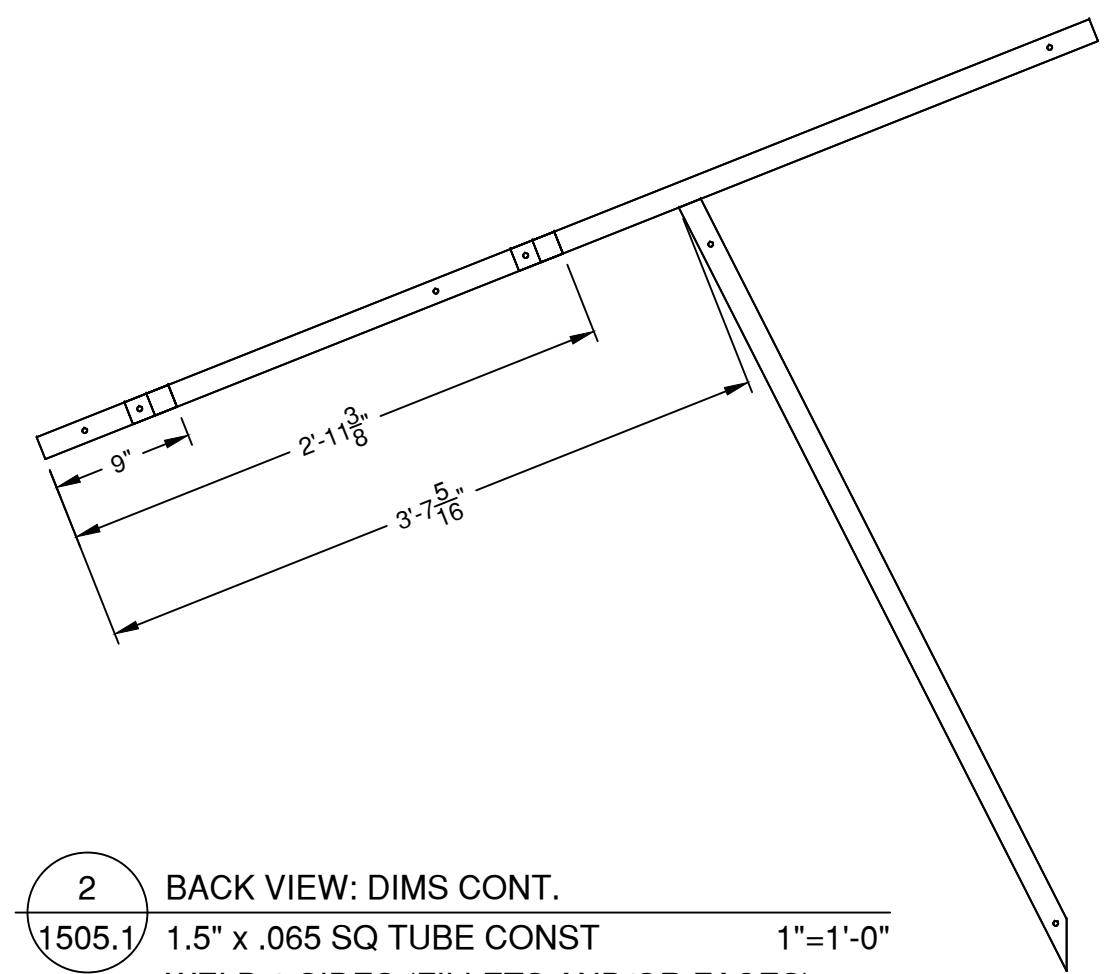
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MATERIAL	QUANTITY

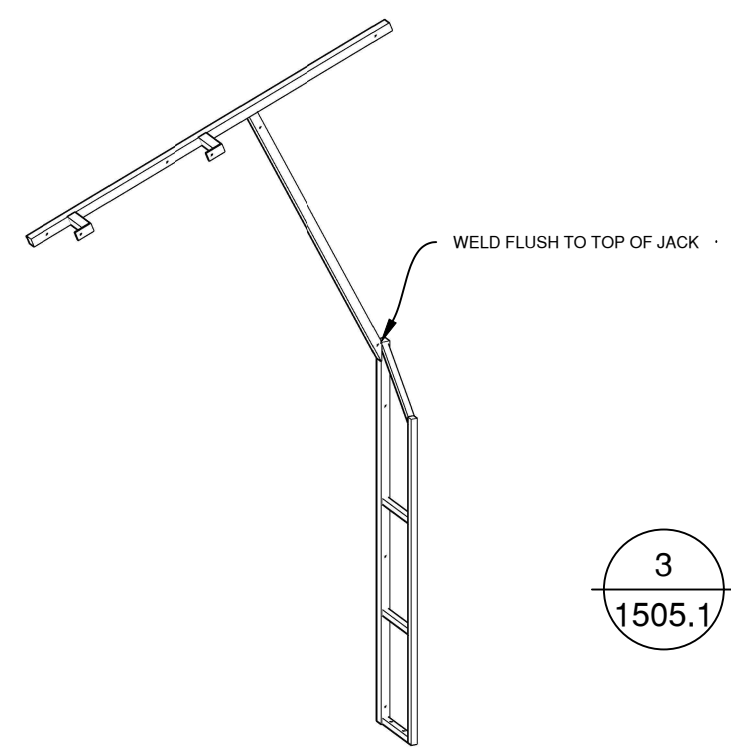
SCALE: AS NOTED



1 BACK VIEW: SR WAGON OFFSTAGE JACK BRANCHES
 1505.1 1.5" x .065 SQ TUBE CONST 1"=1'-0"
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND FACE WELDS
 ALL BOLT HOLE SIZES ARE 5/16" CENTERED



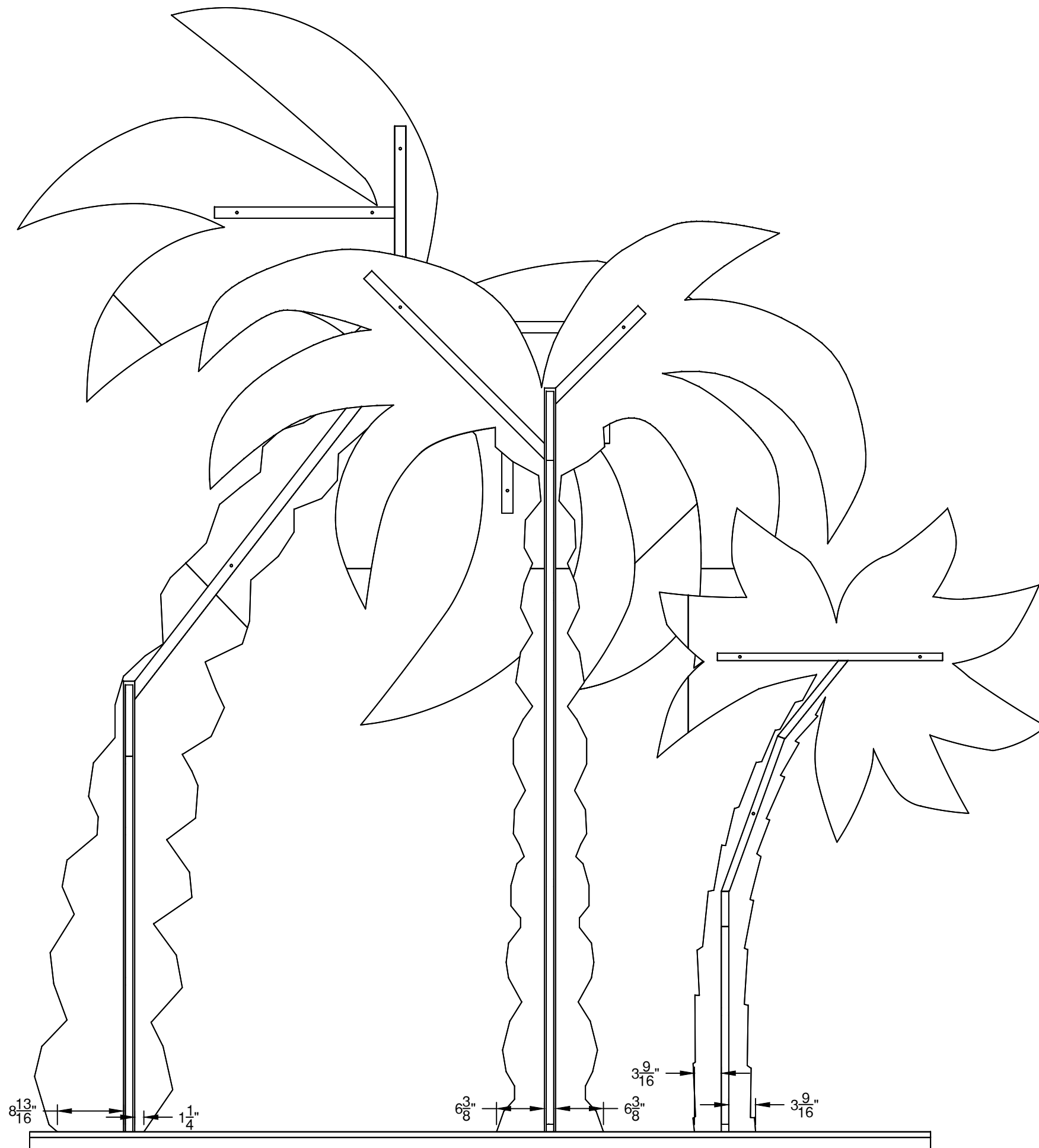
2 BACK VIEW: DIMS CONT.
 1505.1 1.5" x .065 SQ TUBE CONST 1"=1'-0"
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND FACE WELDS
 ALL BOLT HOLE SIZES ARE 5/16" CENTERED



3 BACK LEFT ISO VIEW
 1505.1 NTS
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND FACE WELDS

1505.1

JOSEPH



1 BACK VIEW: SL WAGON
 1506 USE 1/4" x 3" STOVE BOLTS
 SCAB SEAMS ON THE BACK

1"=1'-0"

PALM TREES ASSEMBLY

DIRECTOR: BRAD CARROL
 DESIGNER: JASON LAJKA
 TECH DIRECTOR: TD
 DWG BY: MDB DATE: 6/13/19
 INVENTORY CODE: JO - PLM
 FILE: JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY

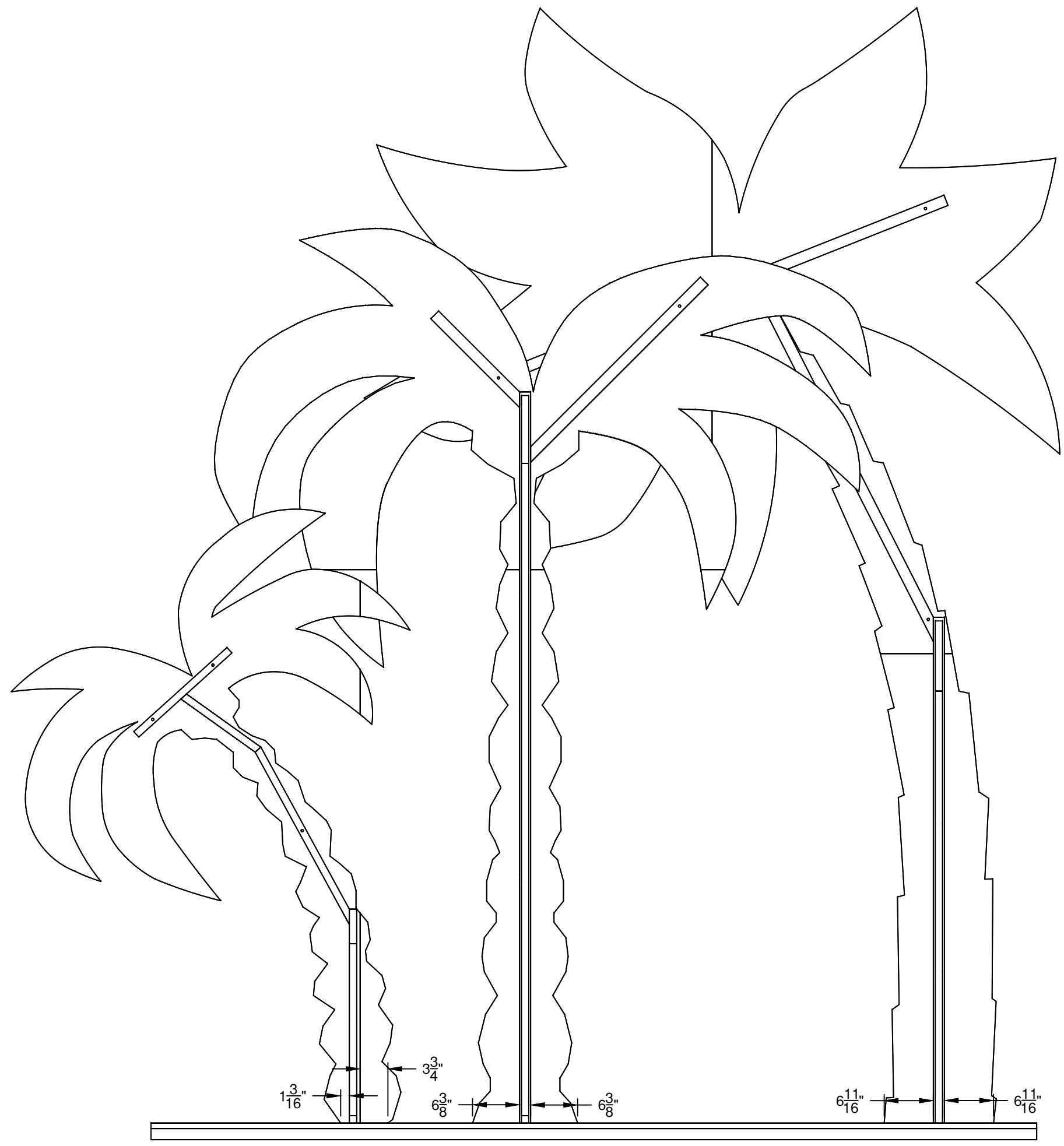
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1506

JOSEPH



1 BACK VIEW: SR WAGON
 1507 USE 1/4" x 3" STOVE BOLTS
 SCAB SEAMS ON THE BACK
 1"=1'-0"

PALM TREES

ASSEMBLY

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	TD
DWG. BY:	MDB
DATE:	6/13/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

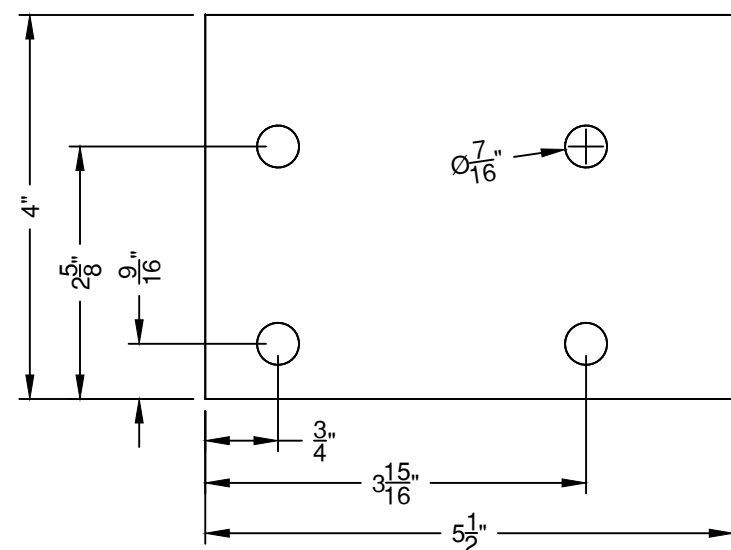
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MATERIAL	QUANTITY

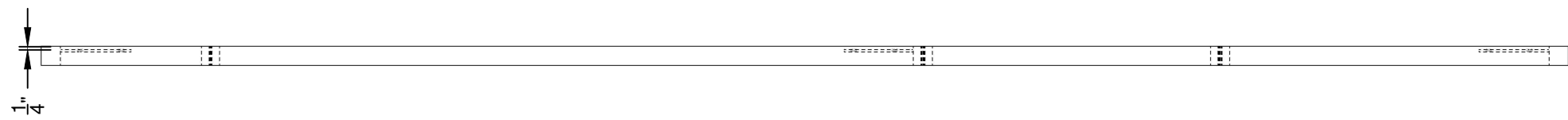
SCALE: AS NOTED

1507

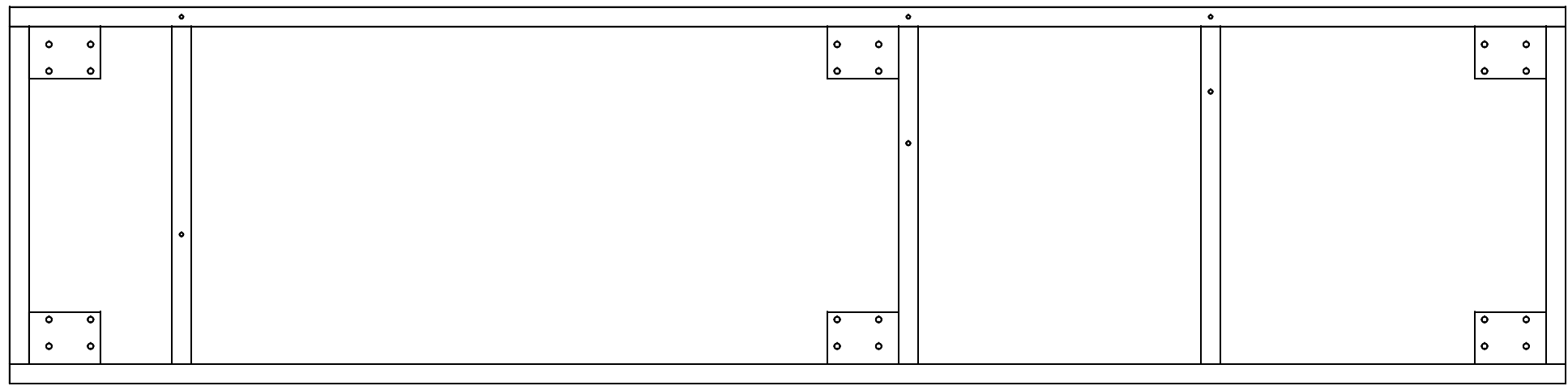
JOSEPH



1 TOP VIEW: CASTER PLATES
 1503 3/16" x 4" PLATE 6"=1'-0"
 MAKE 20 (12 FOR PALM TREES, 8 FOR PYRAMIDS)
 BOLT HOLE SIZE IS 7/16"
 GRIND ALL CORNERS TO AVOID WELDS DURING INSTALL



2 FRONT VIEW: CASTER PLATE PLACEMENT
 1503 REVERSE AND REPEAT FOR SECOND FRAME 1"=1'-0"



2 TOP VIEW: CASTER PLATE PLACEMENT
 1503 REVERSE AND REPEAT FOR SECOND FRAME 1"=1'-0"
 3/8" BOLTS AND NYLOCKS
 WHEN INSTALLING CASTERS, PUT THE NUT INSIDE OF THE FRAME

PALM TREES

CASTER PLATES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	TD
DIRECTOR:	
DWG BY:	MDB
DATE:	6/6/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1508

JOSEPH

PALM TREES

CNC CUT OUTS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	TD
DRAWN BY:	MDB
DATE:	6/11/19
INVENTORY CODE:	JO - PLM
FILE:	JO-1500-PLM

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

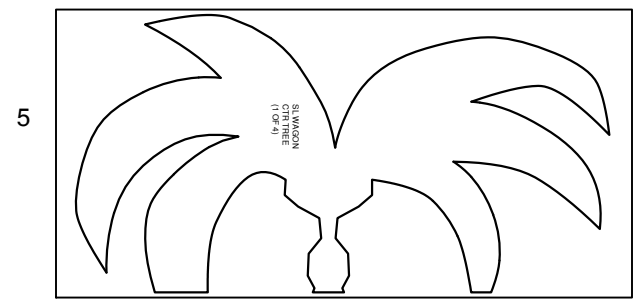
MATERIAL	QUANTITY

SCALE: AS NOTED

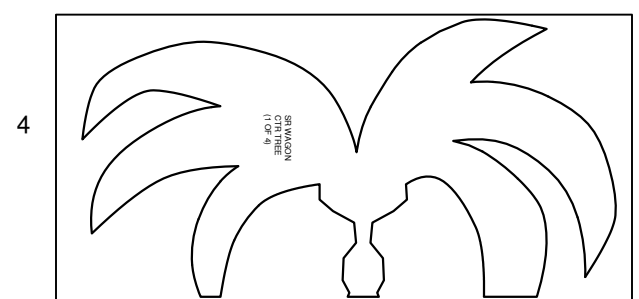
1509

-MASO SIDE UP.
 LABEL PIECE ON BACK
 OF $\frac{3}{4}$ " PLY.

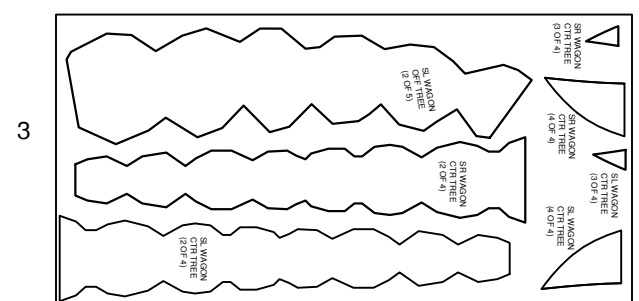
- WORK FROM THE BOTTOM
 DRAWING UP.



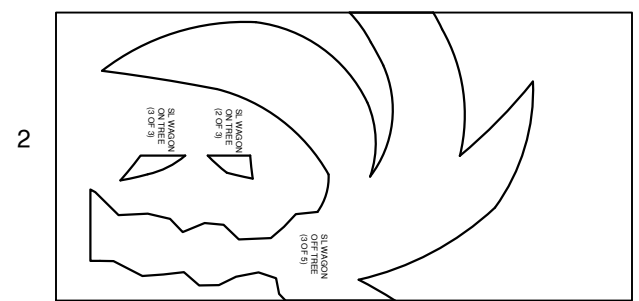
5 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile



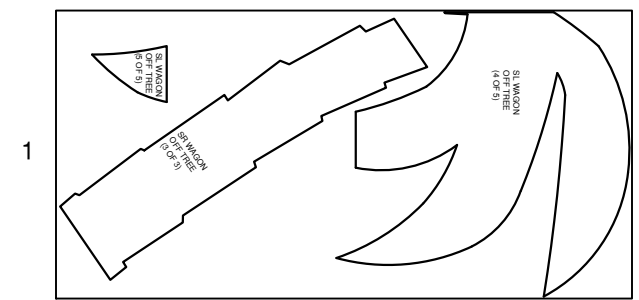
4 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile



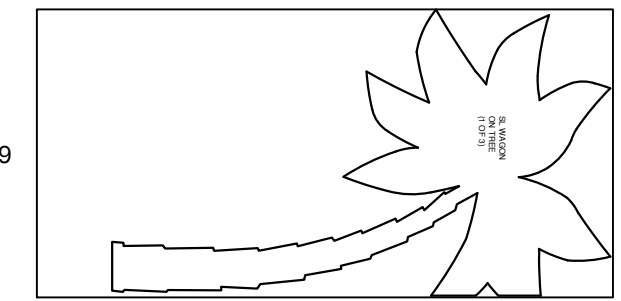
3 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile



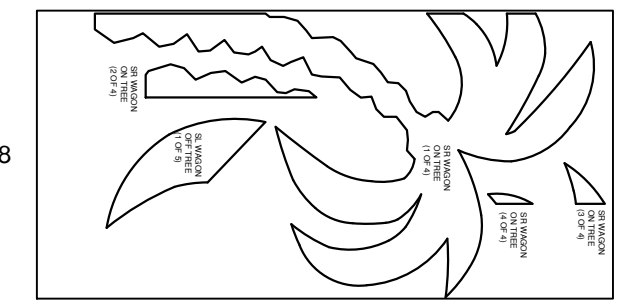
2 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile



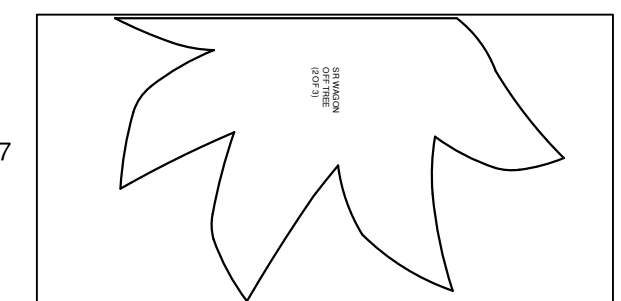
1 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile



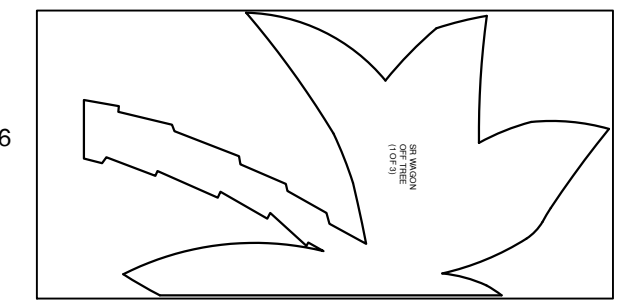
9 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile



8 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile

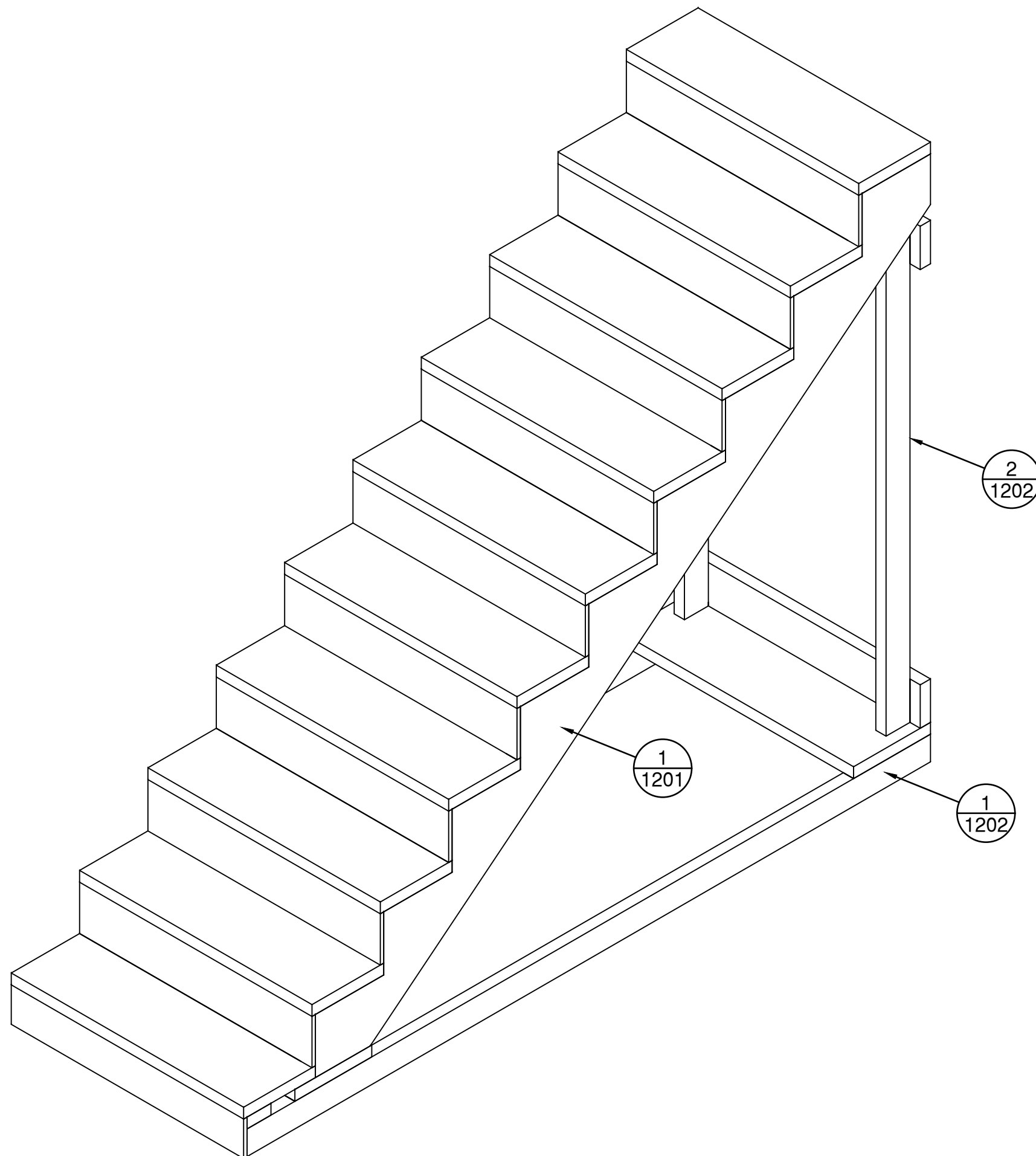


7 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile



6 Cut from LAMINATED MASO/PLY (1" THICK)
 $\frac{3}{8}$ " CEM Outside Profile

JOSEPH



1 US ESCAPE STEPS
 1200 ISO 1" = 1'

US ESCAPE STEPS

UNIT OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	THOMAS FAGERHOLM
DWG. BY:	RJA
DATE:	5/20/2019
INVENTORY CODE:	JO - USE
FILE:	500 - USE RA V1

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

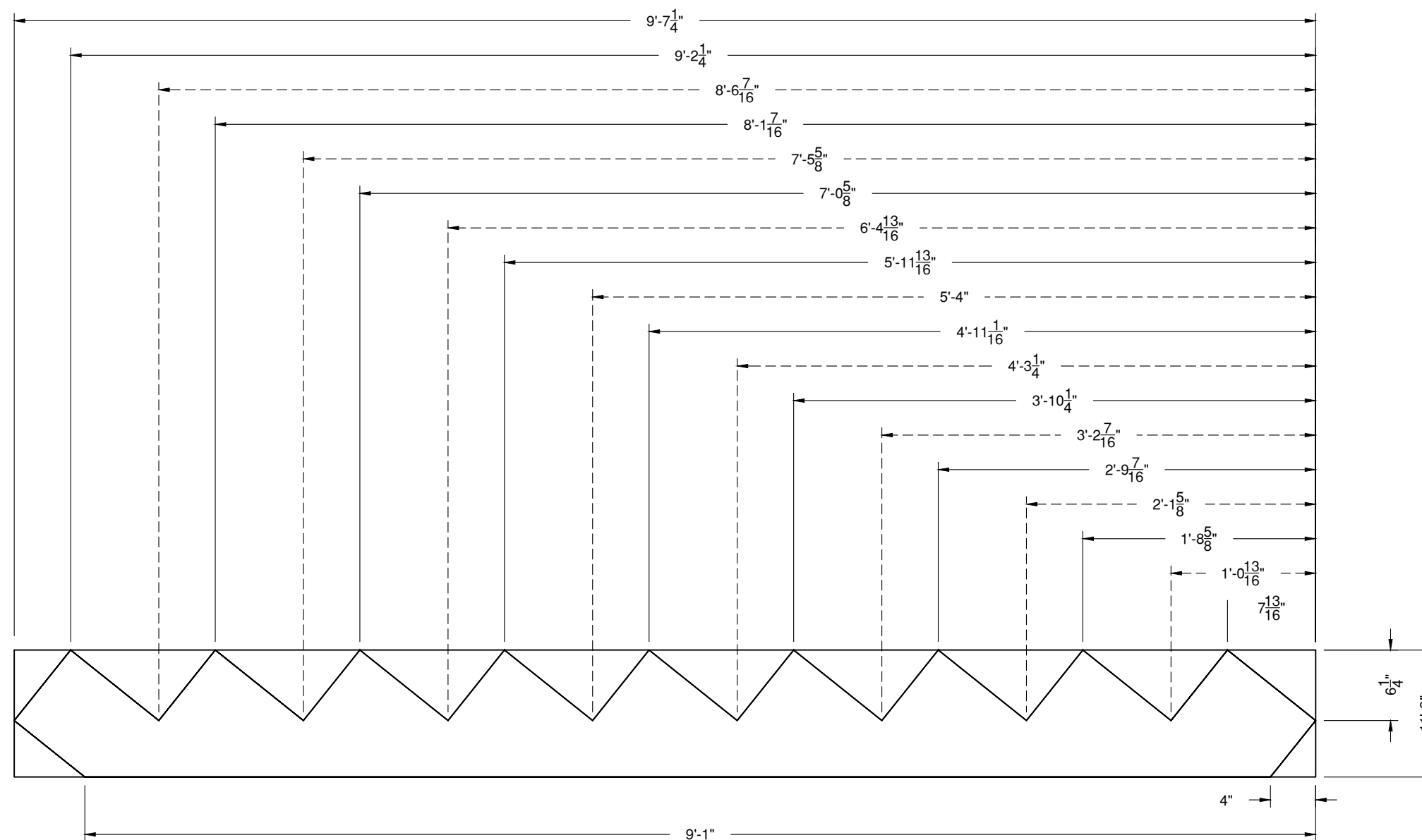
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

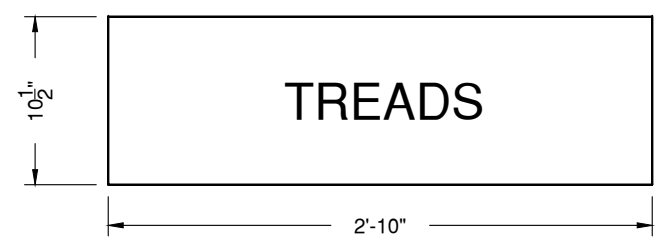
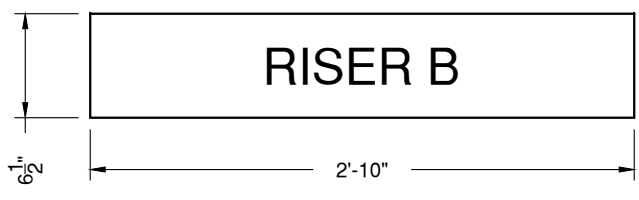
1200

JOSEPH



1 US ESCAPE STEPS
 1201 STRINGERS, TREADS, AND RISERS 1" = 1'

- 2X12X12' STRINGERS
 BUILD TWO (2)
- 1/2" SANDEPLY RISERS
 CUT ONE (1) RISER A
 CUT NINE (9) RISER B
- 2X12X12' TREADS
 CUT TEN (10)



US ESCAPE STEPS

STRINGERS AND TREADS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	THOMAS FAGERHOLM
DWG. BY:	RJA
DATE:	5/20/2019
INVENTORY CODE:	JO - USE
FILE:	500 - USE RA V1

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

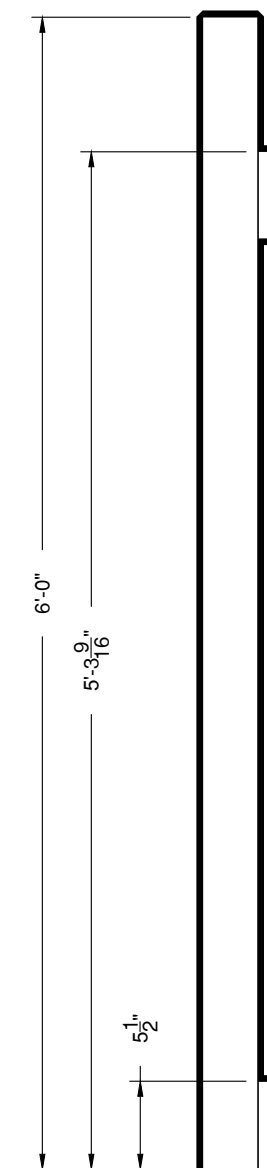
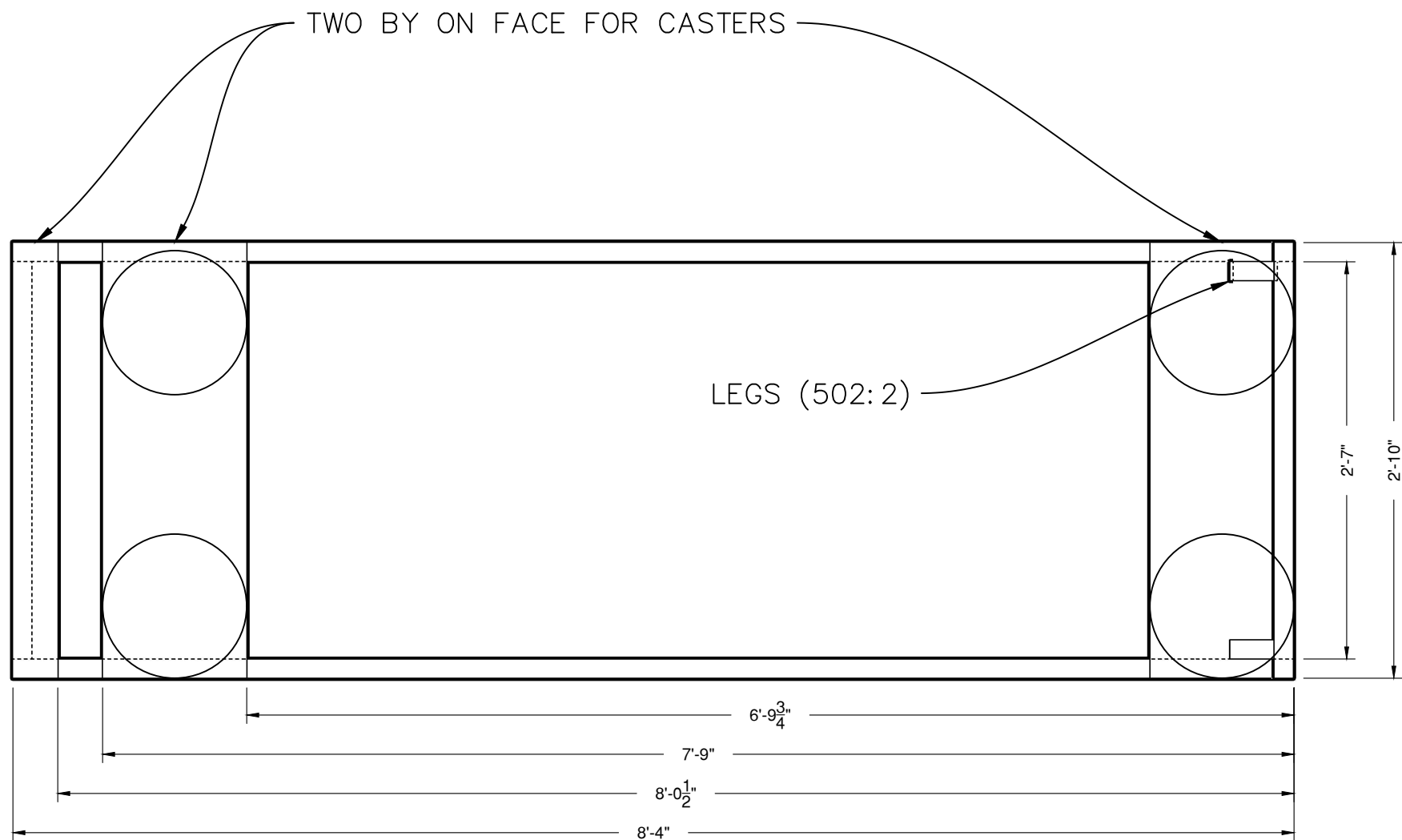
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1201

JOSEPH



1 US ESCAPE STEPS
 1202 BASE FRAMING 1" = 1'

- 2X4 FRAMING
- 2X12 ON FACE FOR CASTERS
- GLUE AND SCREW
- CIRCLES DENOTE CASTERS
- 5" SHOP BUILT TRIPLE SWIVELS

2 US ESCAPE STEPS
 1202 LEGS 1" = 1'

- 2X4 LEGS
- 2X12 RIPPED TO 5 1/2" ATTACHED TO FACE
- SEE ISO ON 1203

US ESCAPE STEPS

BASE AND LEGS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	THOMAS FAGERHOLM
DWG. BY:	RJA
DATE:	5/20/2019
INVENTORY CODE:	JO - USE
FILE:	500 - USE RA V1

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

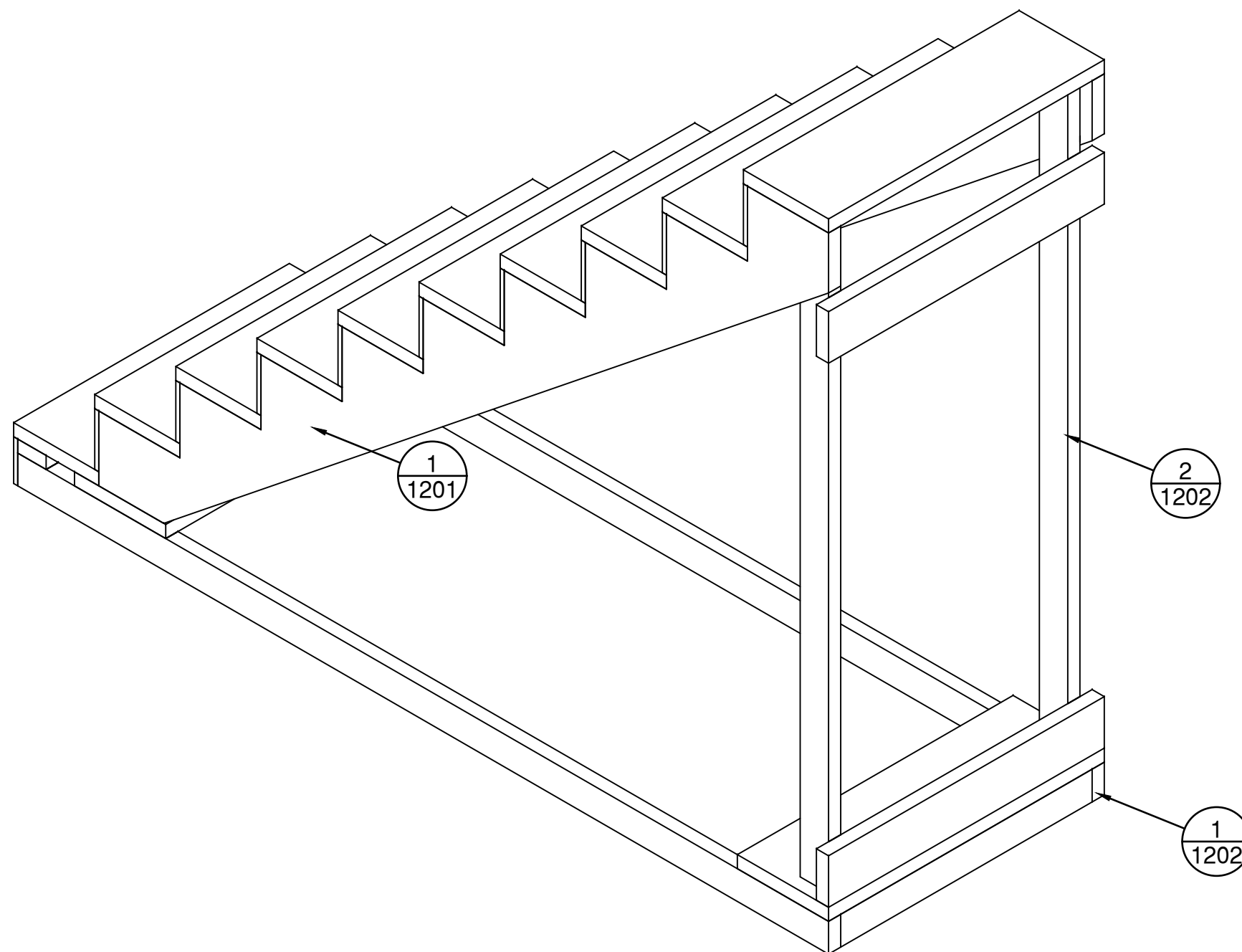
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1202

JOSEPH



1 US ESCAPE STEPS
 1203 ISO 1" = 1'

US ESCAPE STEPS

SECOND ISO ANGLE

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	THOMAS FAGERHOLM
DWG. BY:	RJA
DATE:	5/20/2019
INVENTORY CODE:	JO - USE
FILE:	500 - USE RA V1

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

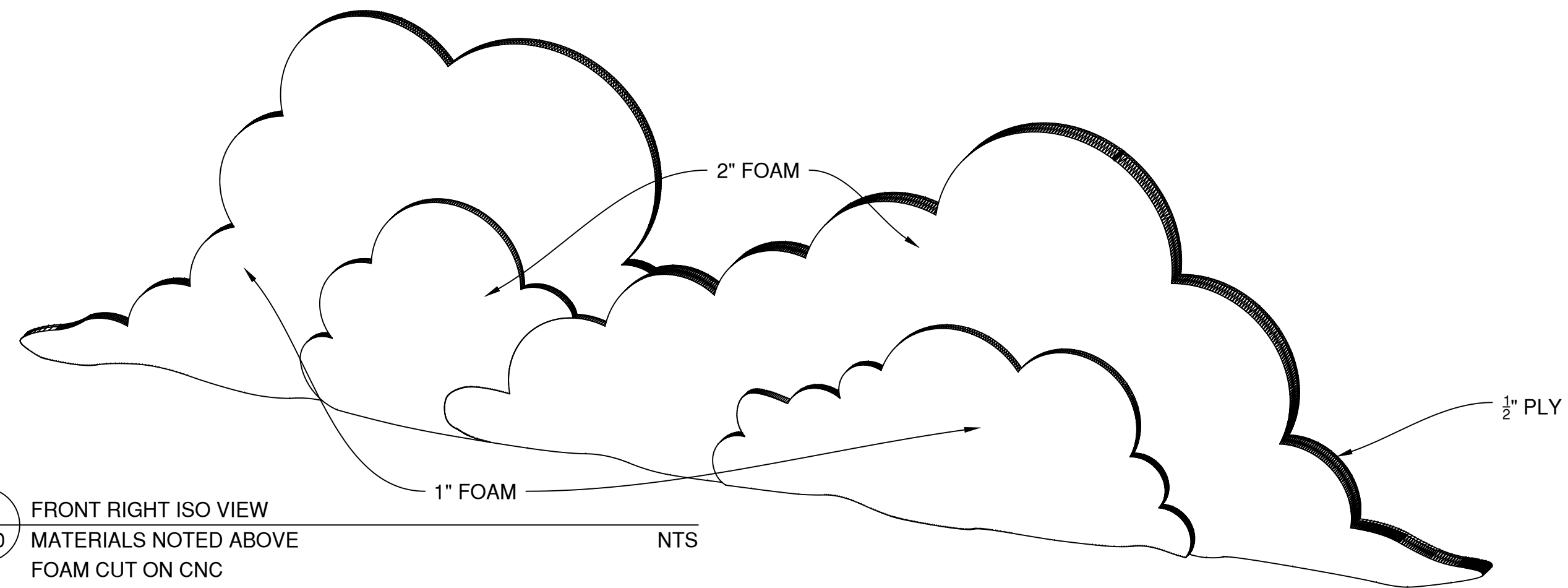
SCRAP USED

MATERIAL	QUANTITY

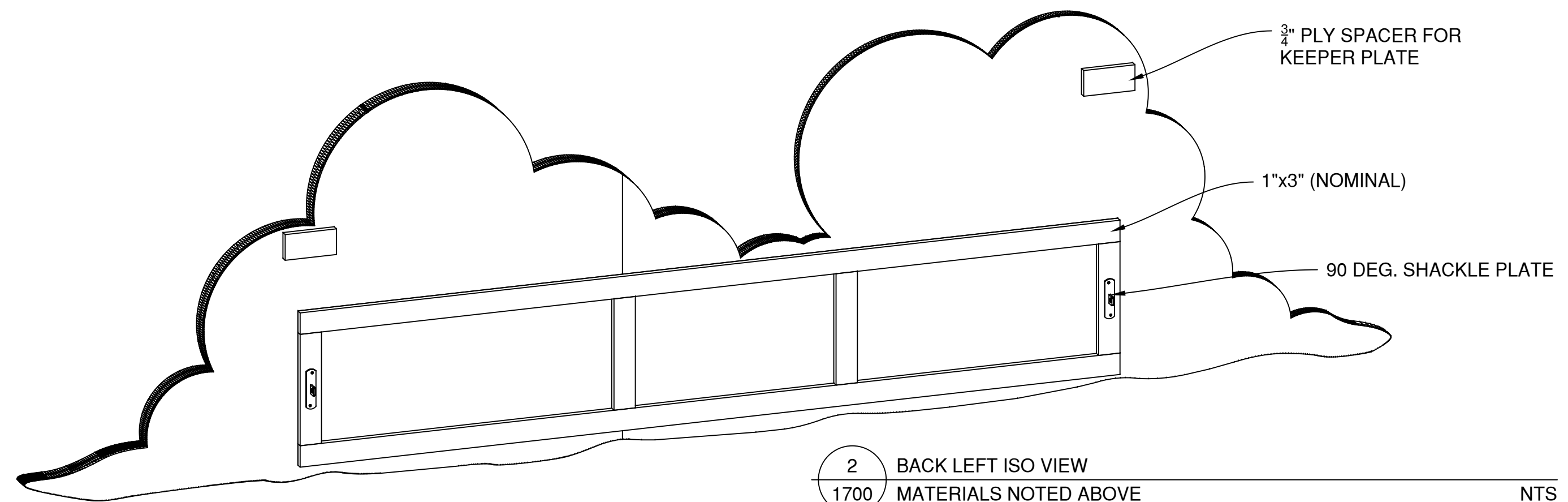
SCALE: AS NOTED

1203

JOSEPH



1 FRONT RIGHT ISO VIEW
 1700 MATERIALS NOTED ABOVE
 NTS
 FOAM CUT ON CNC
 GREEN GLUE FOAM TO PLY
 GLUE AND SCREW FRAMING TO PLY & FOAM

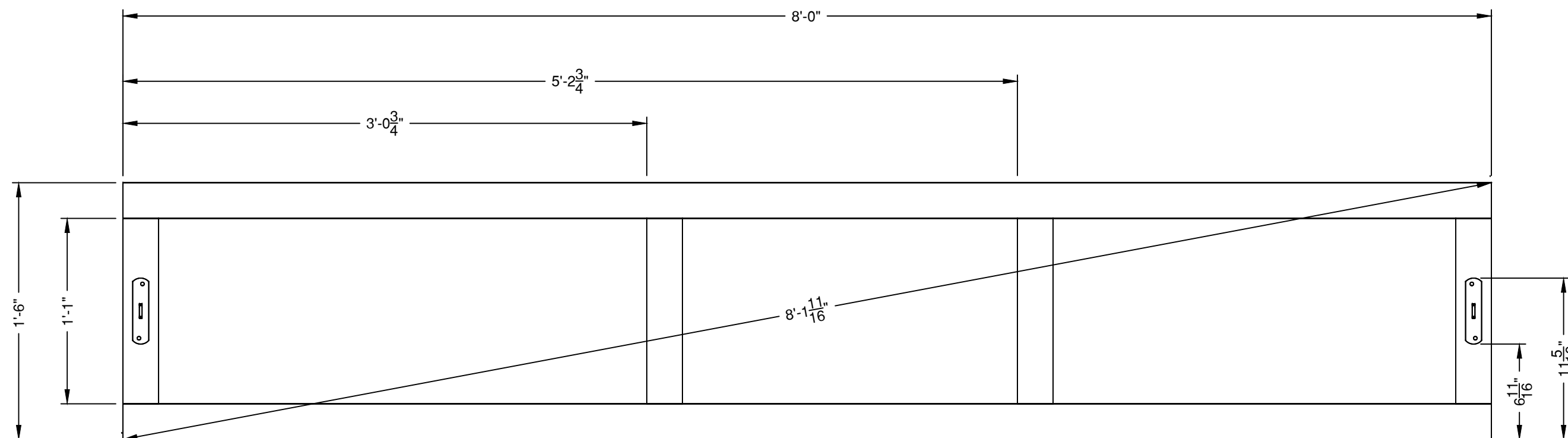


2 BACK LEFT ISO VIEW
 1700 MATERIALS NOTED ABOVE
 NTS
 FOAM CUT ON CNC
 BACKING FRAME 1x3 (NOM) BROADWAY CONST.
 GLUE AND SCREW FRAMING TO PLY & FOAM
 BOLT KEEPER PLATE TO 3/4" PLY BLOCK, SCREW TO 1/2" PLY (NO GLUE)

CLOUDS	
OVERVIEW	
DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	6/14/2019
INVENTORY CODE:	JO - CLD
FILE:	JO-1700-CLD
BUILD TIME	
DATE:	HOURS (Closest 1/2 Hour)
MATERIALS USED	
MATERIAL	QUANTITY
SCRAP USED	
MATERIAL	QUANTITY
SCALE:	AS NOTED

1700

JOSEPH



- | 1 | BACK VIEW |
|------|---|
| 1701 | 1"x3" (NOMINAL) CONST. 1 1/2" = 1' |
| | GLUE AND WIDE CROWN STAPLE (FRONT AND BACK) |
| | SCREW FRAME TO 1/2" & FOAM FROM THE BACK (NO GLUE) |
| | CUT (2) 3/4" PLY @ 3" x 6" (LABEL KEEPER PLATE SPACER) |

CLOUDS

FRAME

DIRECTOR: BRAD CARROL
 DESIGNER: JASON LAJKA
 TECH DIRECTOR: T. FAGERHOLM
 DWG BY: MDB DATE: 6/14/2019
 INVENTORY CODE: JO - CLD
 FILE: JO-1700-CLD

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

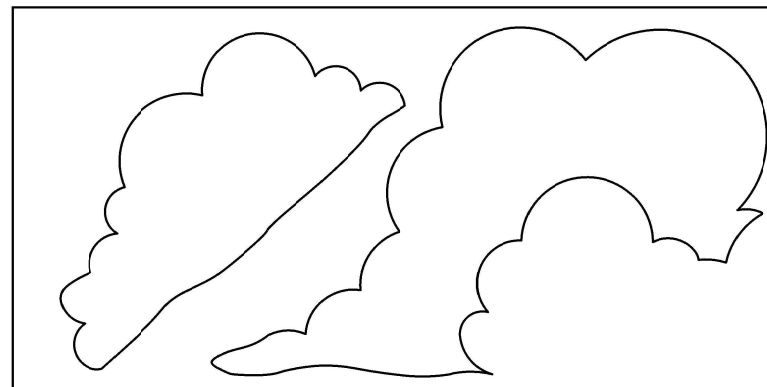
SCRAP USED

MATERIAL	QUANTITY

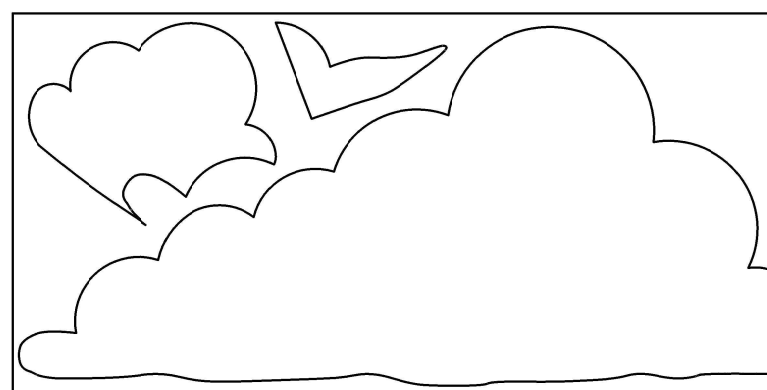
SCALE: AS NOTED

1701

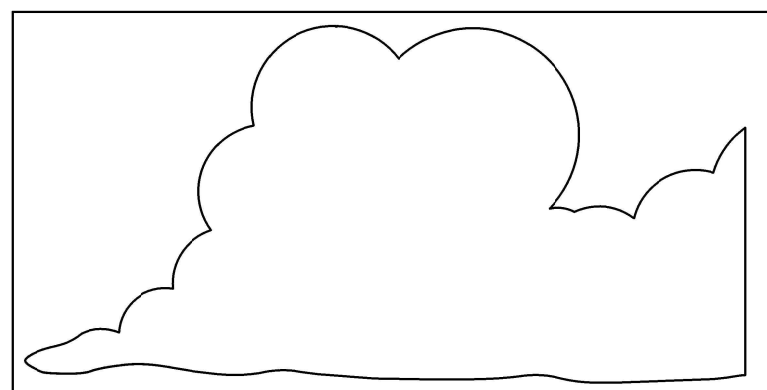
JOSEPH



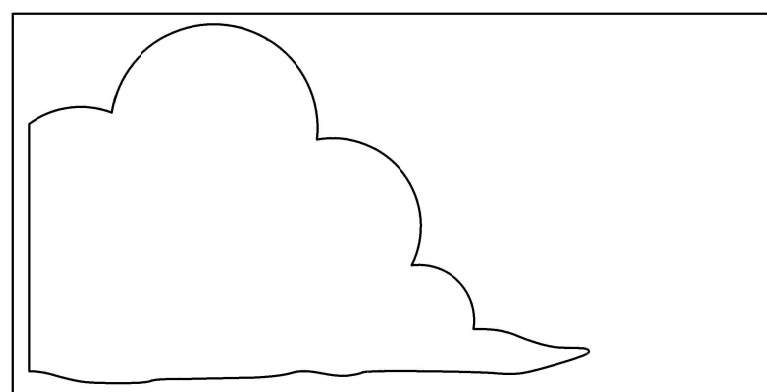
CUT FROM 1" FOAM WITH
1/4" BALL NOSE (OUTSIDE PROFILE)



CUT FROM 2" FOAM WITH
1/4" BALL NOSE (OUTSIDE PROFILE)
* NEED A LONG SHAFT FOR 2"



CUT FROM 1/2" PLY WITH
3/8" CEM (OUTSIDE PROFILE)



CUT FROM 1/2" PLY WITH
3/8" CEM (OUTSIDE PROFILE)

CLOUDS

CNC CUTOUTS

DIRECTOR:	BRAD CARROL	
DESIGNER:	JASON LAJKA	
TECH. DIRECTOR:	T. FAGERHOLM	
DWG. BY:	MDB	DATE: 6/14/2019
INVENTORY CODE:	JO - CLD	
FILE:	JO-1700-CLD	

BUILD TIME

DATE	HOURS (Closest Hour)

MATERIALS USED

MATERIAL	QUANTITY

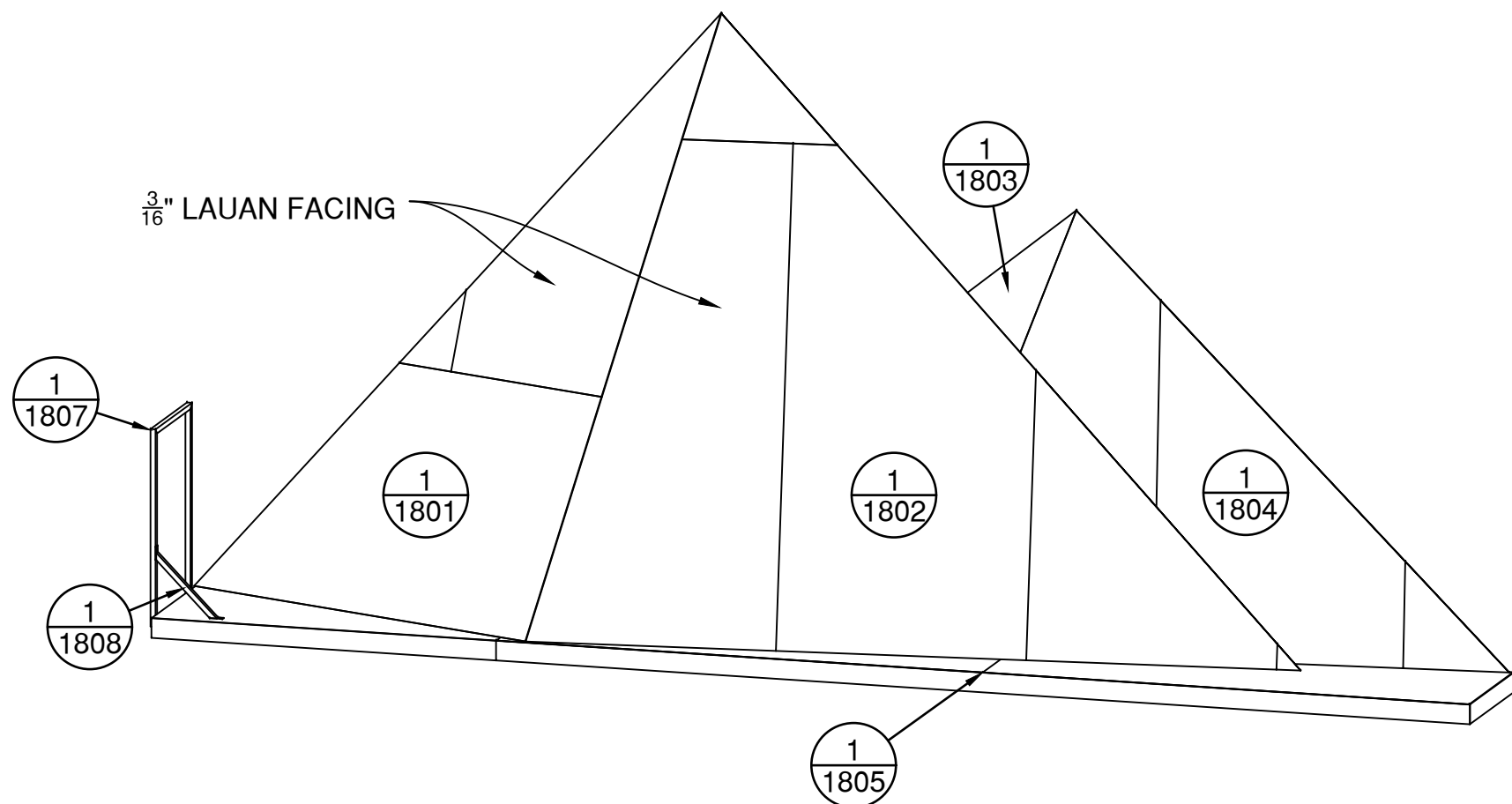
SCRAP USED

MATERIAL	QUANTITY

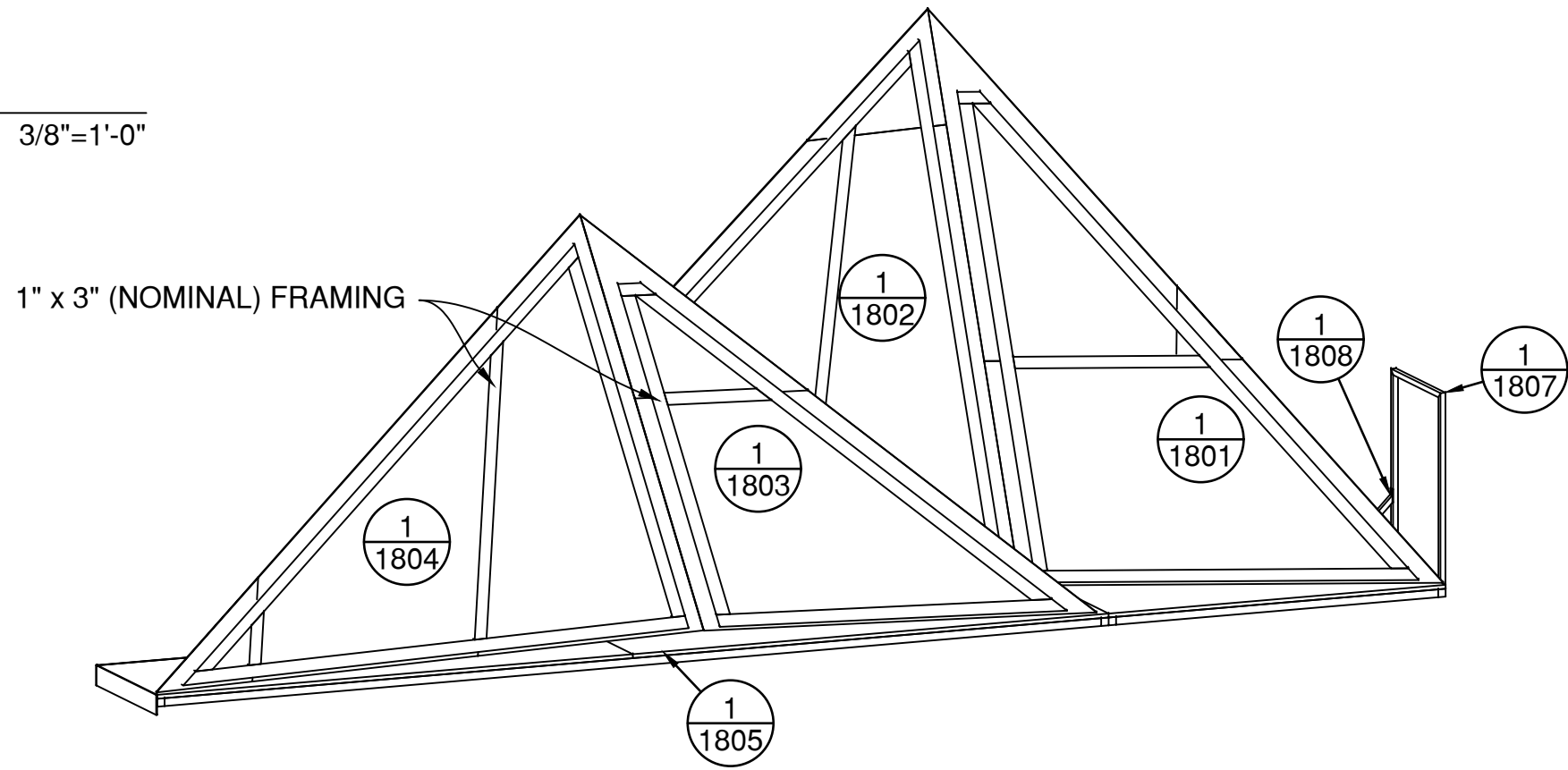
SCALE: 1/2" = 1'

1702

JOSEPH



1 FRONT RIGHT ISO VIEW
 1800 BROADWAY FLAT CONSTRUCTION
 WAGON CONST. 1.5" x .065" BOX
 3/8" = 1'-0"



2 BACK LEFT VIEW
 1800 BROADWAY FLAT CONSTRUCTION
 WAGON CONST. 1.5" x .065" BOX
 3/8" = 1'-0"

PYRAMIDS

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	5/21/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS
	(Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

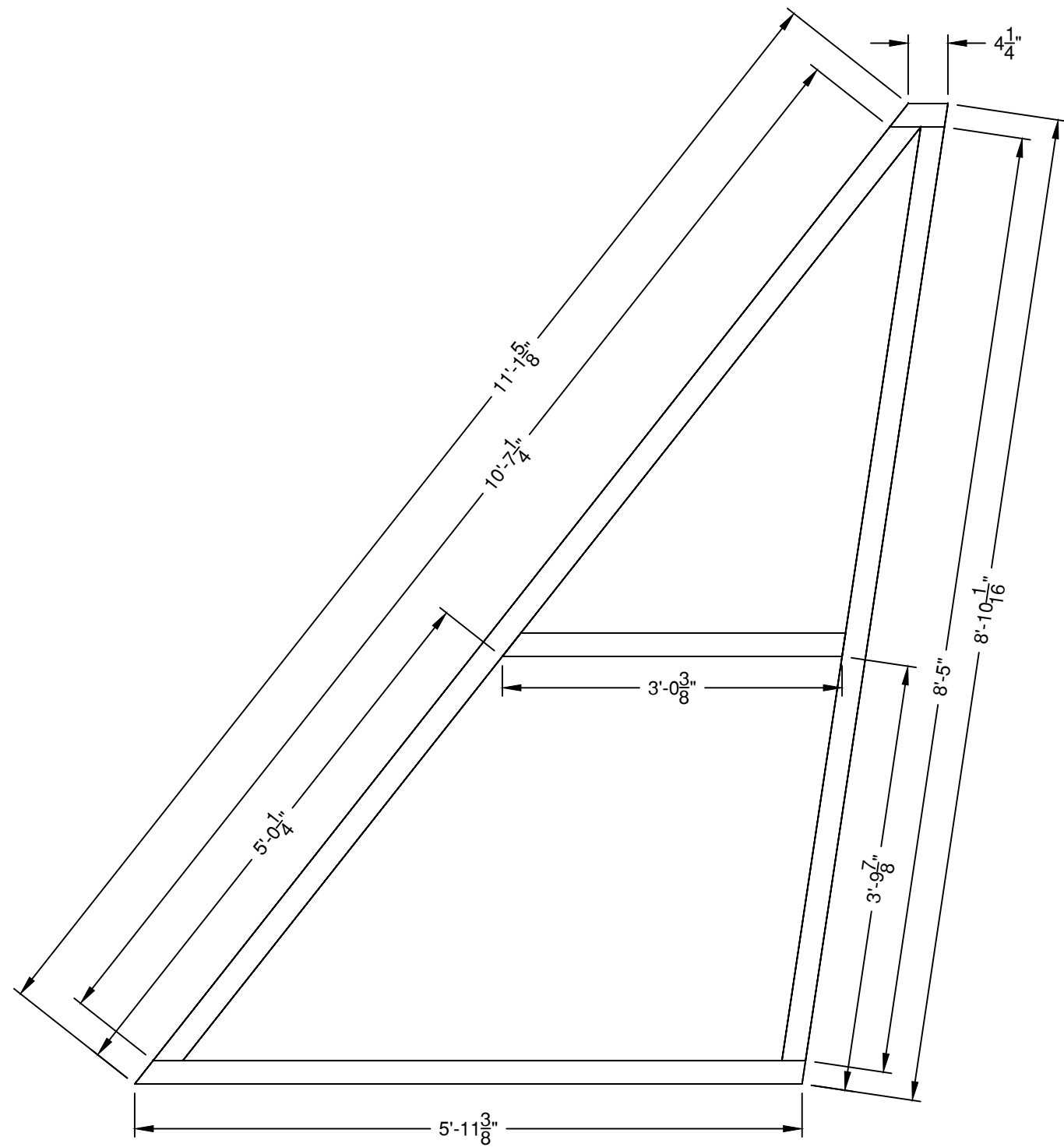
SCRAP USED

MATERIAL	QUANTITY

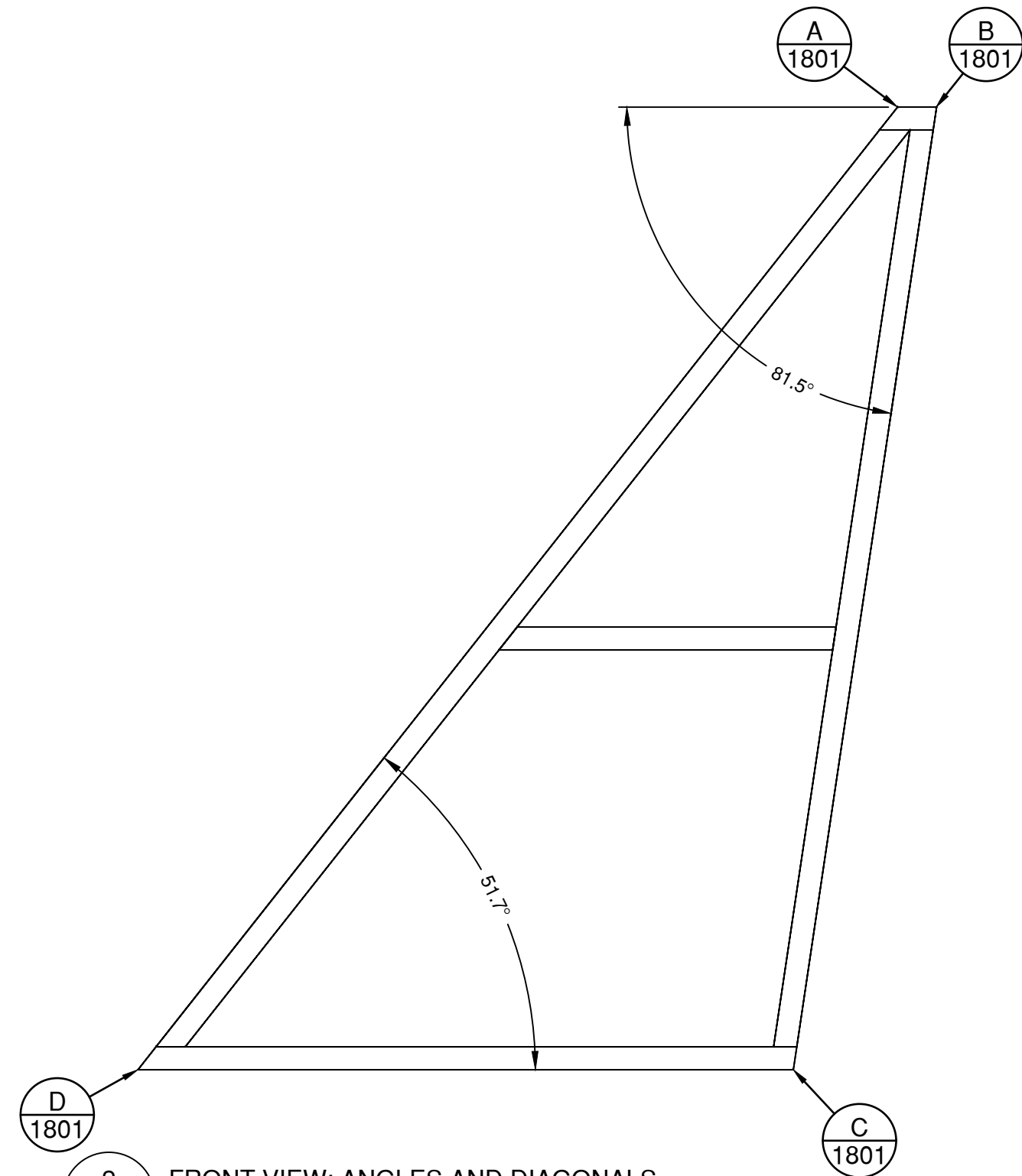
SCALE: AS NOTED

1800

JOSEPH



1 FRONT VIEW
1801 BROADWAY FLAT CONSTRUCTION
GLUE AND WIDE CROWN STAPLE (FACE AND BACK) 3/4"=1'-0"



2 FRONT VIEW: ANGLES AND DIAGONALS
1801 DIAGONAL A->C= 8'-9 1/2"
DIAGONAL B->D= 11'-4 5/16" 3/4"=1'-0"

SR PYRAMID

FRAME 1

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/3/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

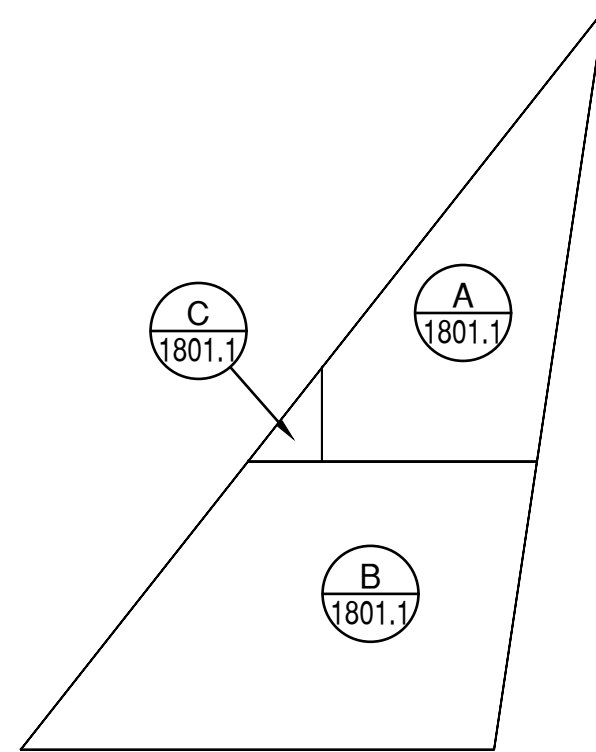
SCRAP USED

MATERIAL	QUANTITY

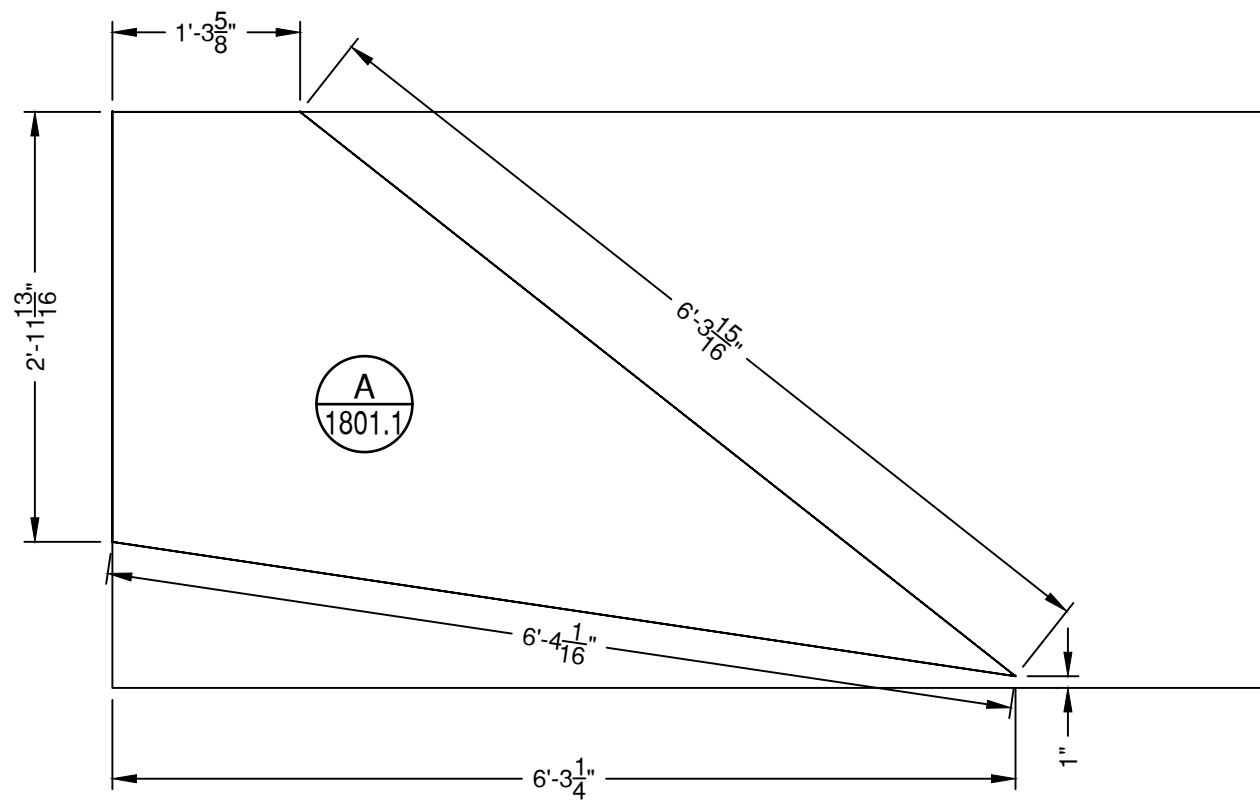
SCALE: AS NOTED

1801

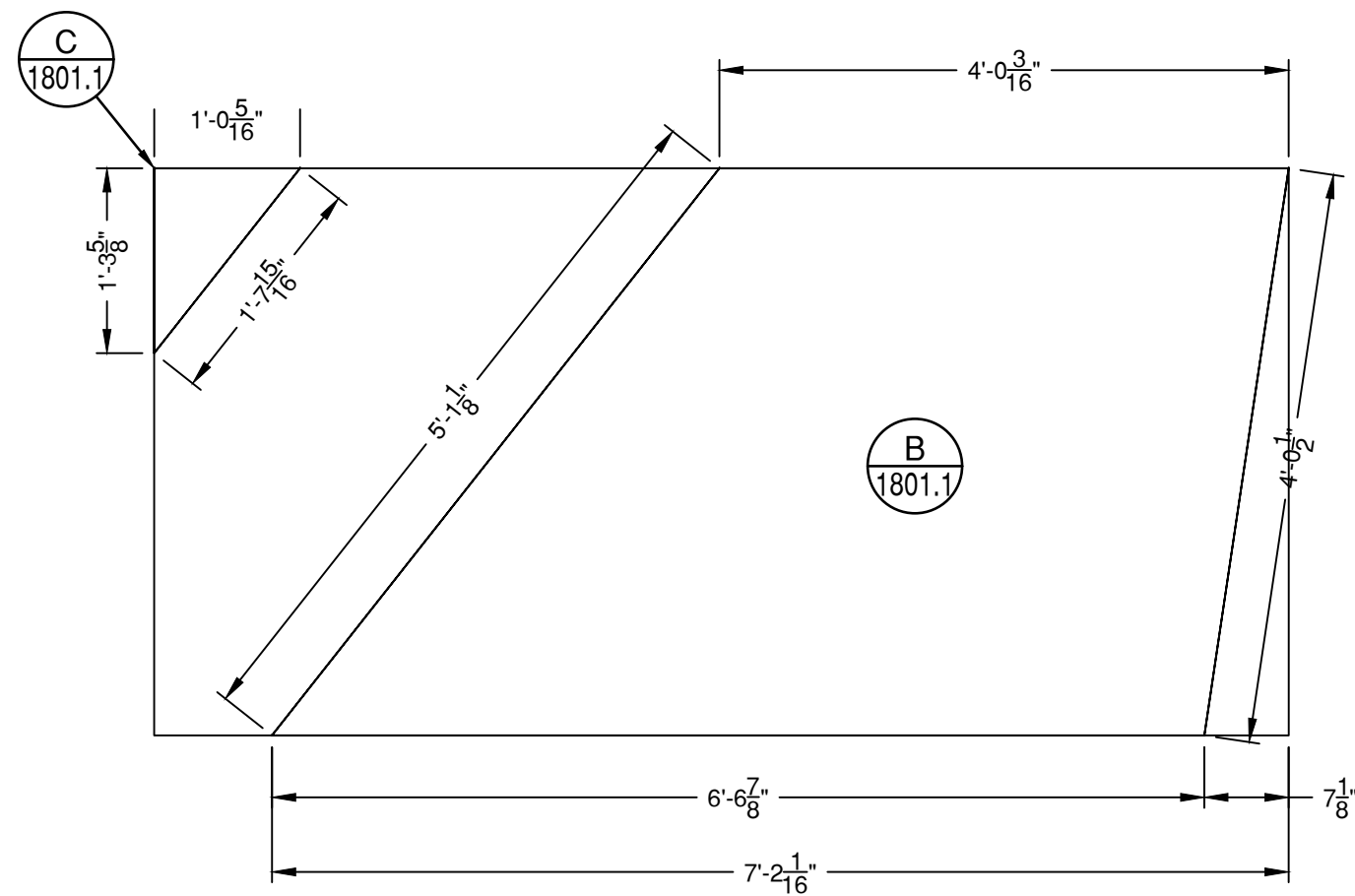
JOSEPH



1 FRONT VIEW
1801.1 CUT PIECES FROM 3/16" LAUAN 3/8"=1'-0"



2 FRONT VIEW
1801.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"



3 FRONT VIEW
1801.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"

SR PYRAMID

SR FRAME 1 FACING

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/4/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

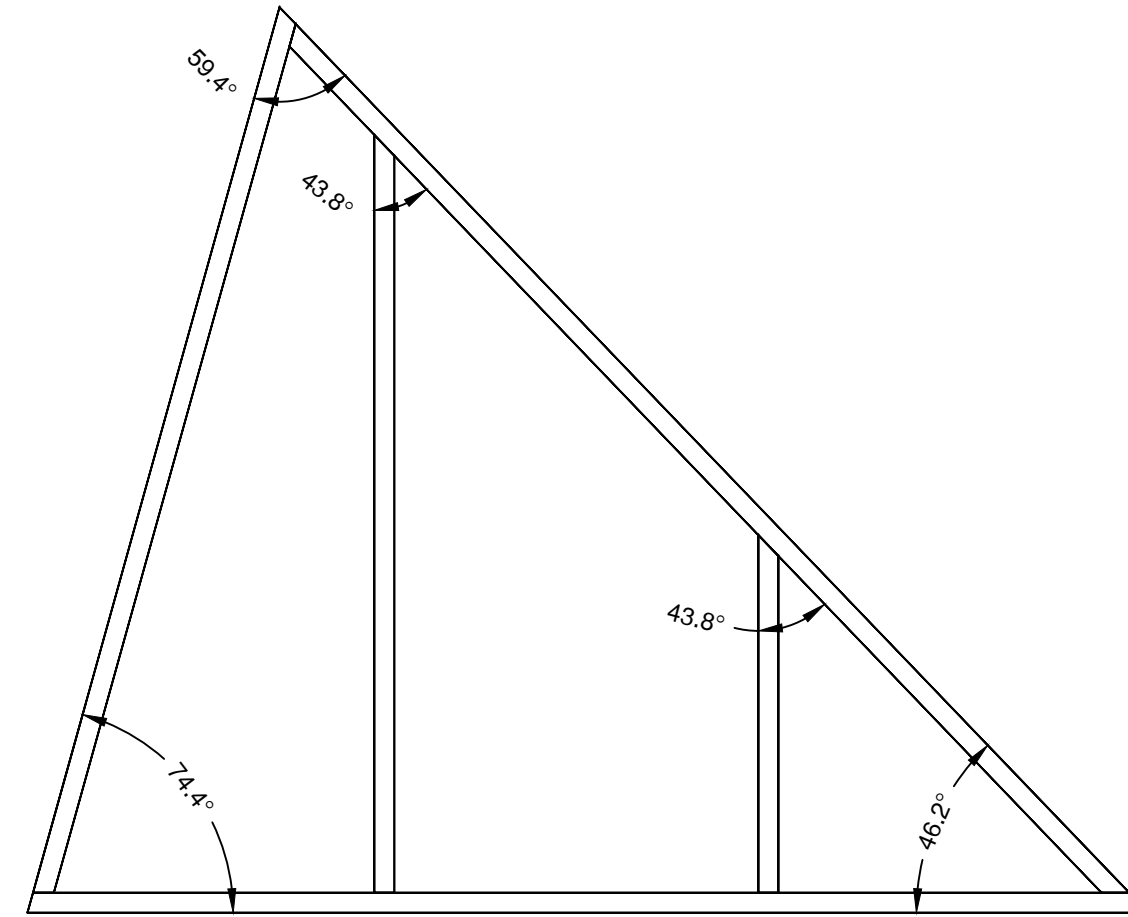
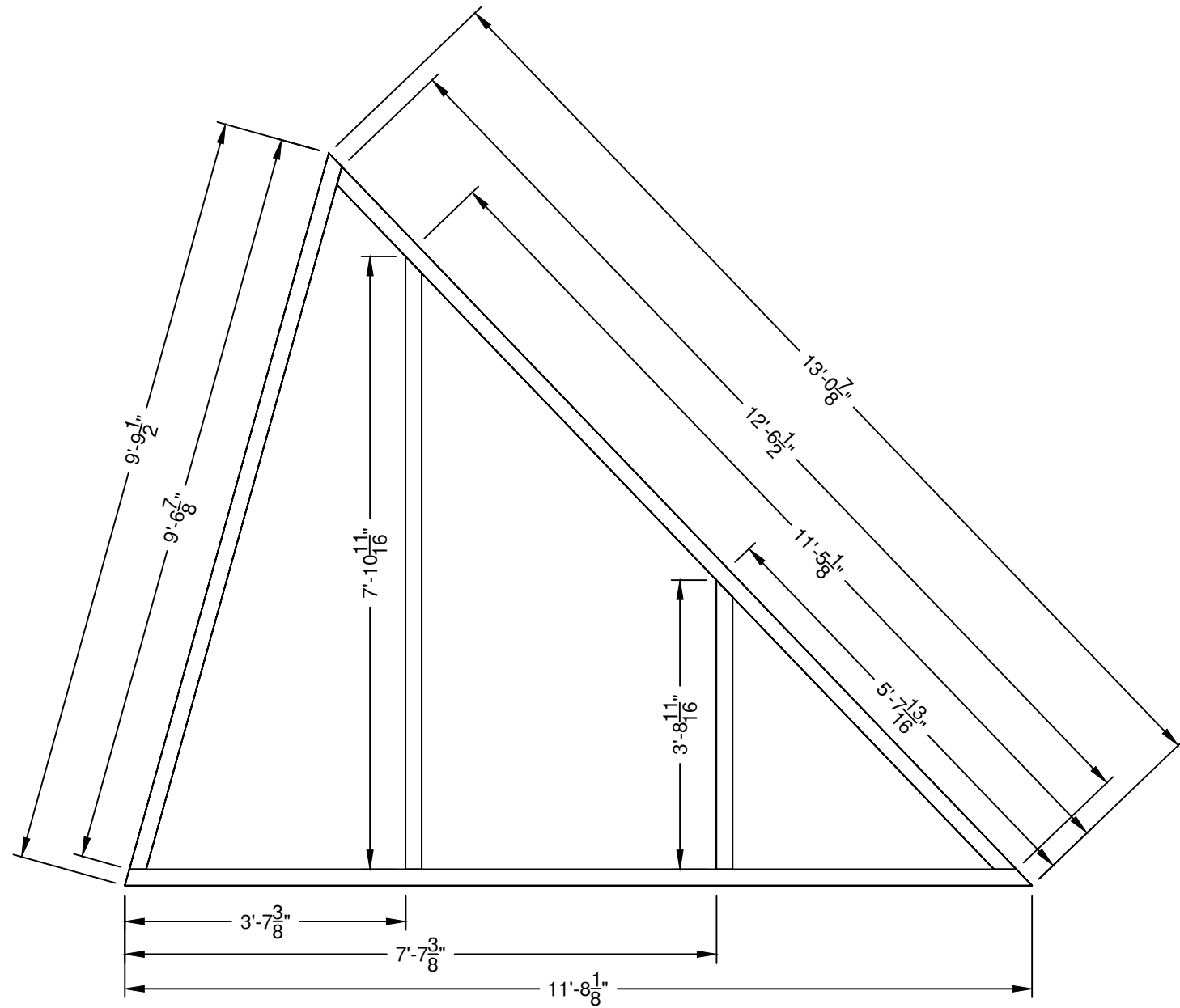
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1801.1

JOSEPH



1 FRONT VIEW
1802 BROADWAY FLAT CONSTRUCTION 1/2"=1'-0"
GLUE AND WIDE CROWN STAPLE (FACE AND BACK)

2 FRONT VIEW: ANGLES
1802 1/2"=1'-0"

SR PYRAMID

FRAME 2

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/3/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

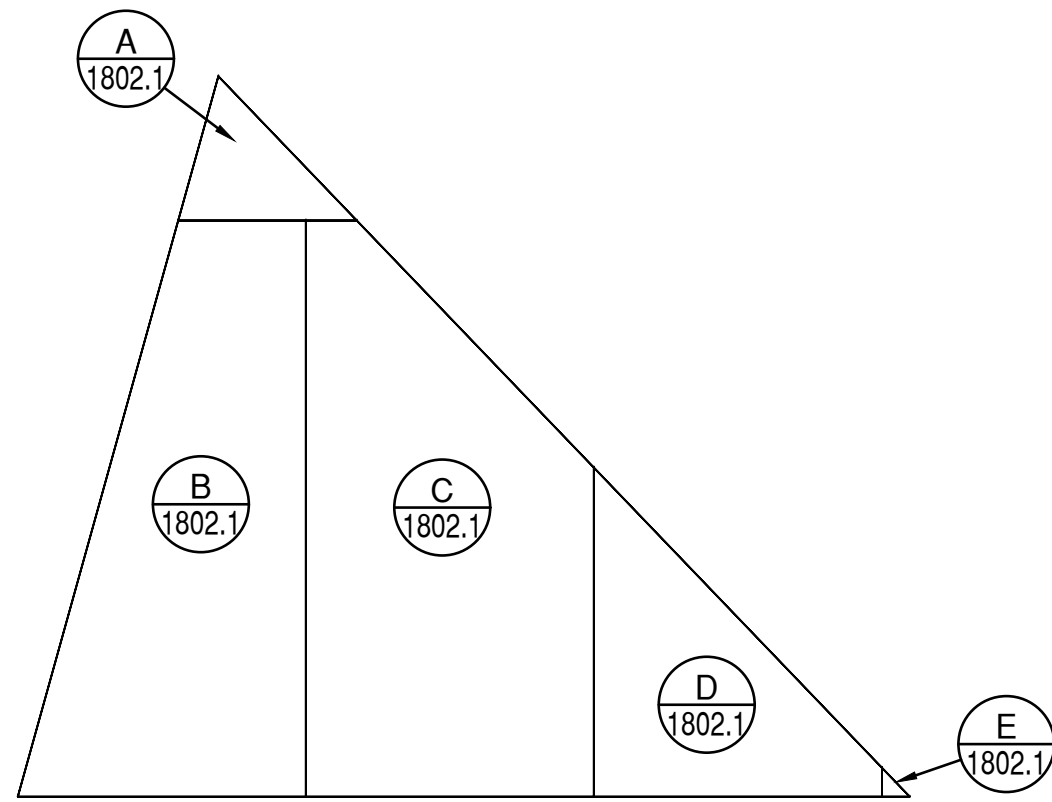
SCRAP USED

MATERIAL	QUANTITY

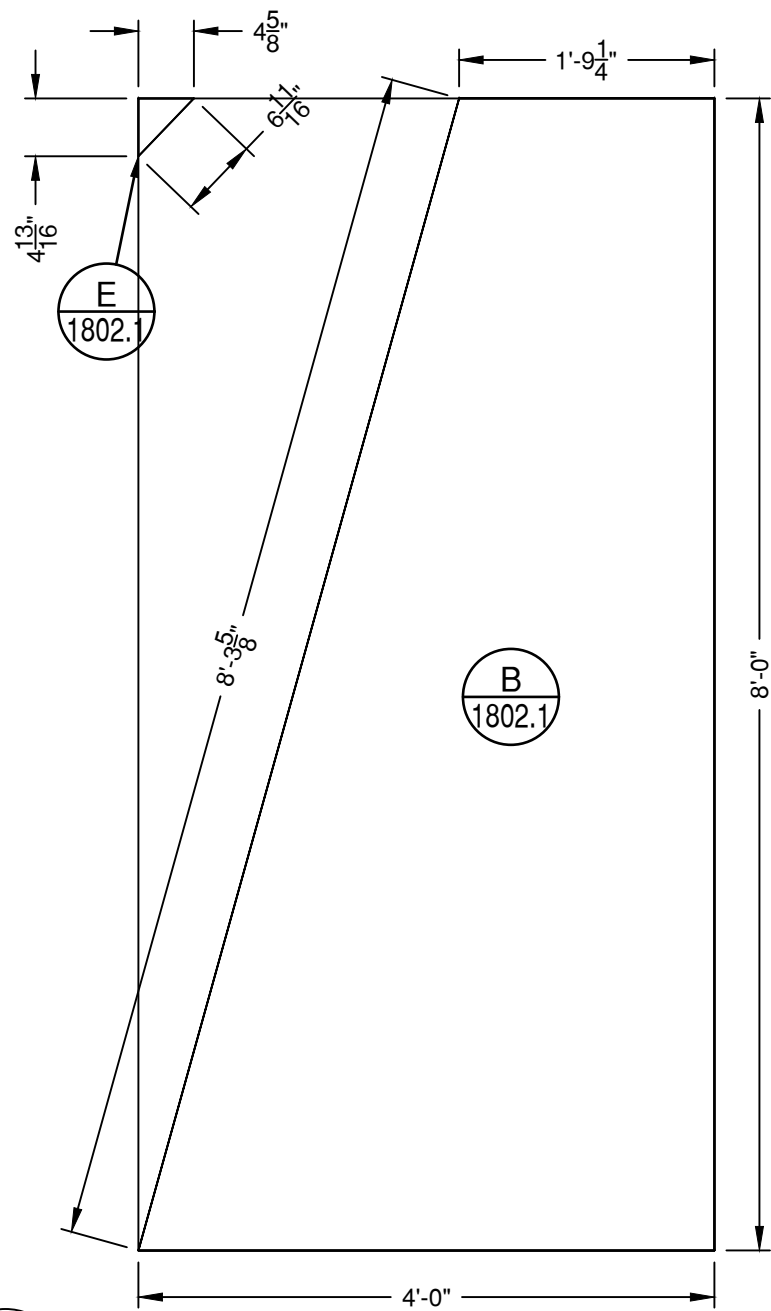
SCALE: AS NOTED

1802

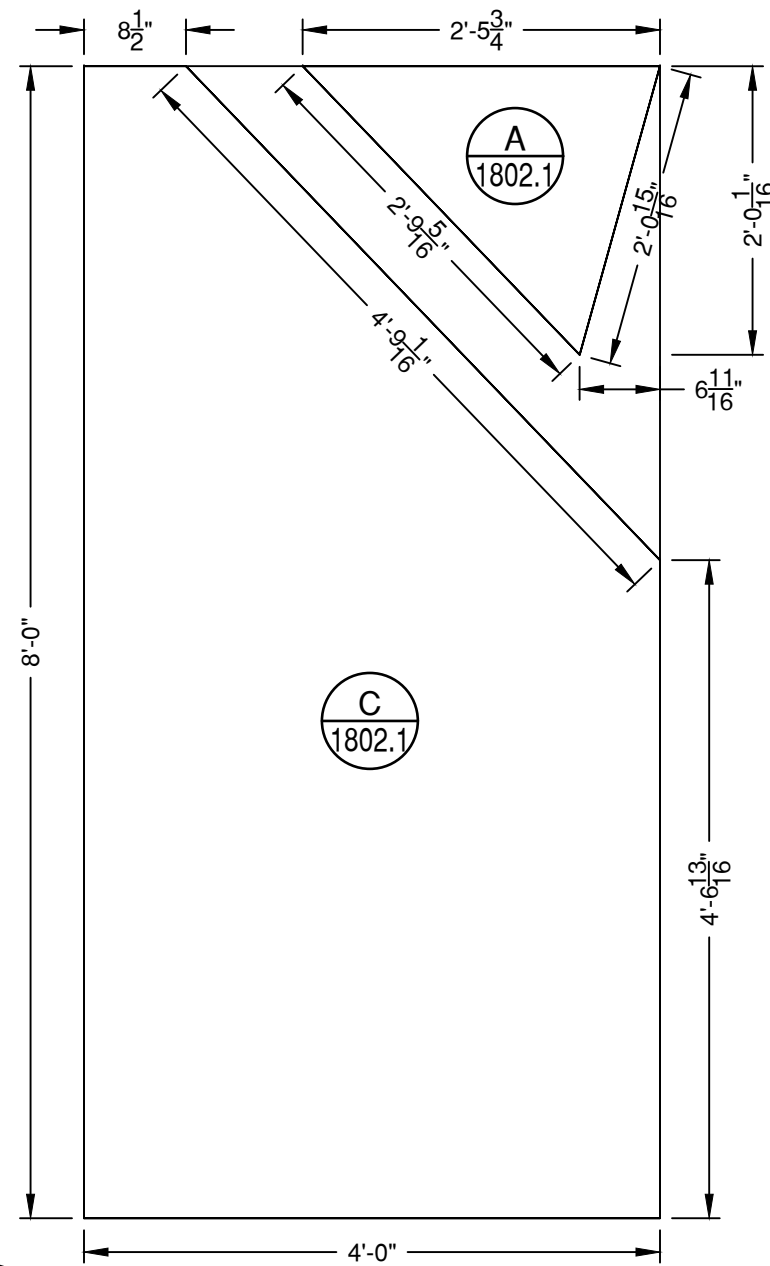
JOSEPH



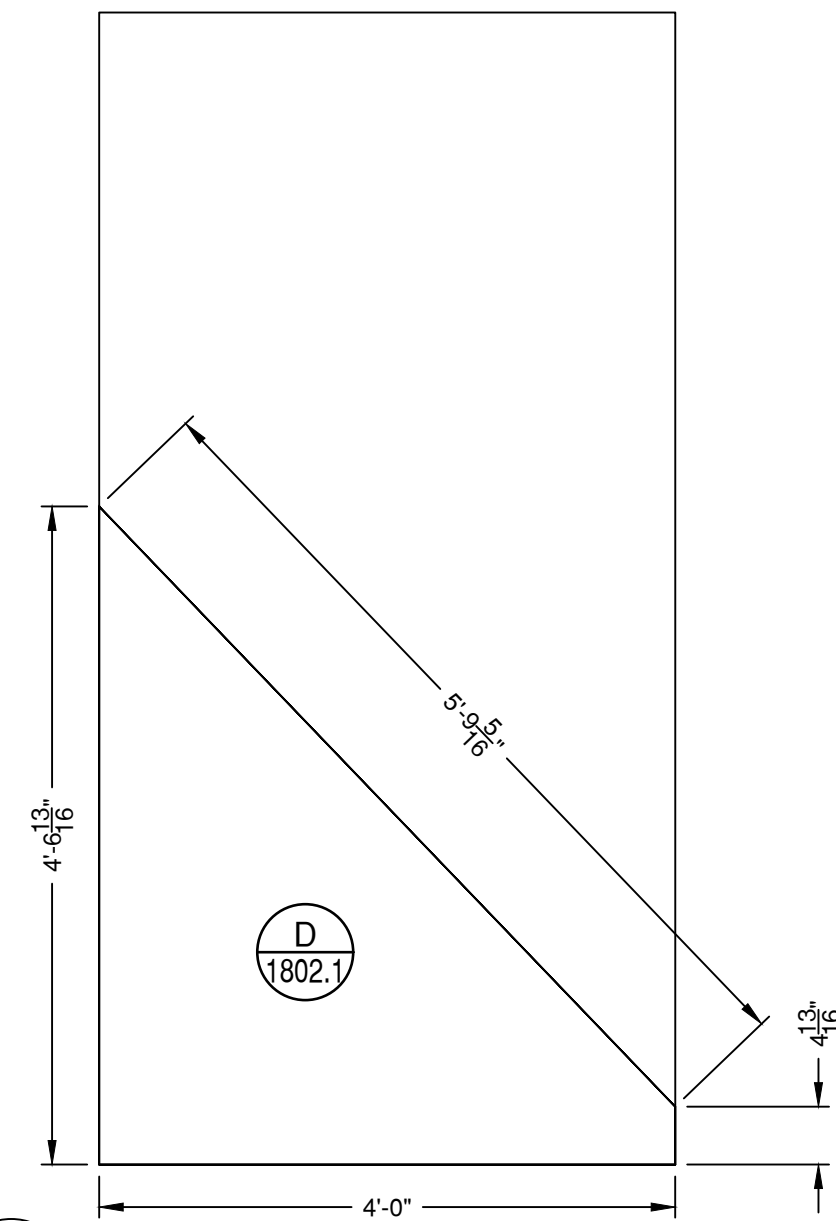
1 FRONT VIEW
 1802.1 CUT PIECES FROM 3/16" LAUAN 3/8"=1'-0"



2 FRONT VIEW
 1802.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"



3 FRONT VIEW
 1802.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"



4 FRONT VIEW
 1802.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"
 SAVE OFFCUT FOR 1804.1

SR PYRAMID
 SR FRAME 2 FACING

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/4/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME	
DATE	HOURS (Closest 1/4 Hour)

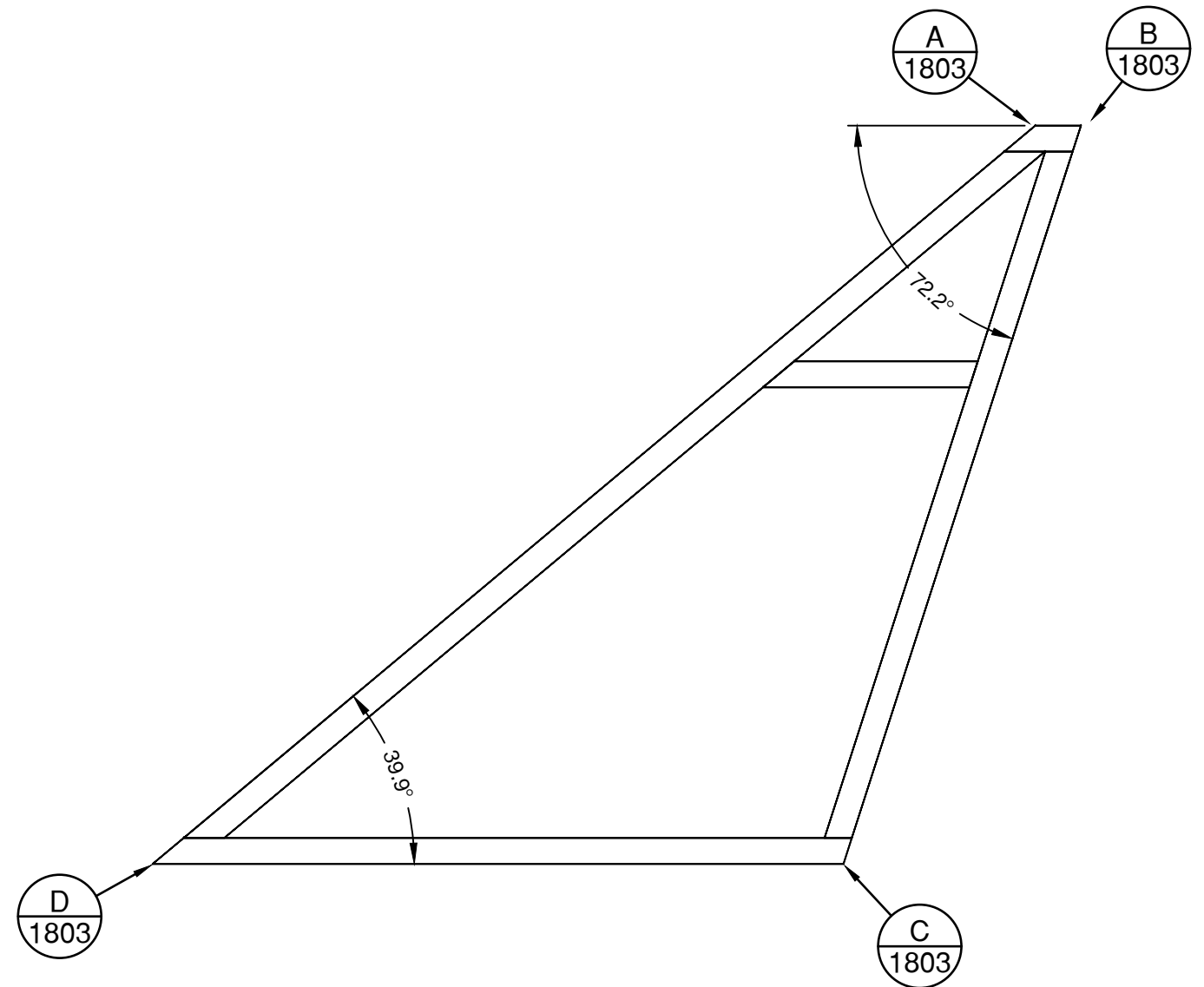
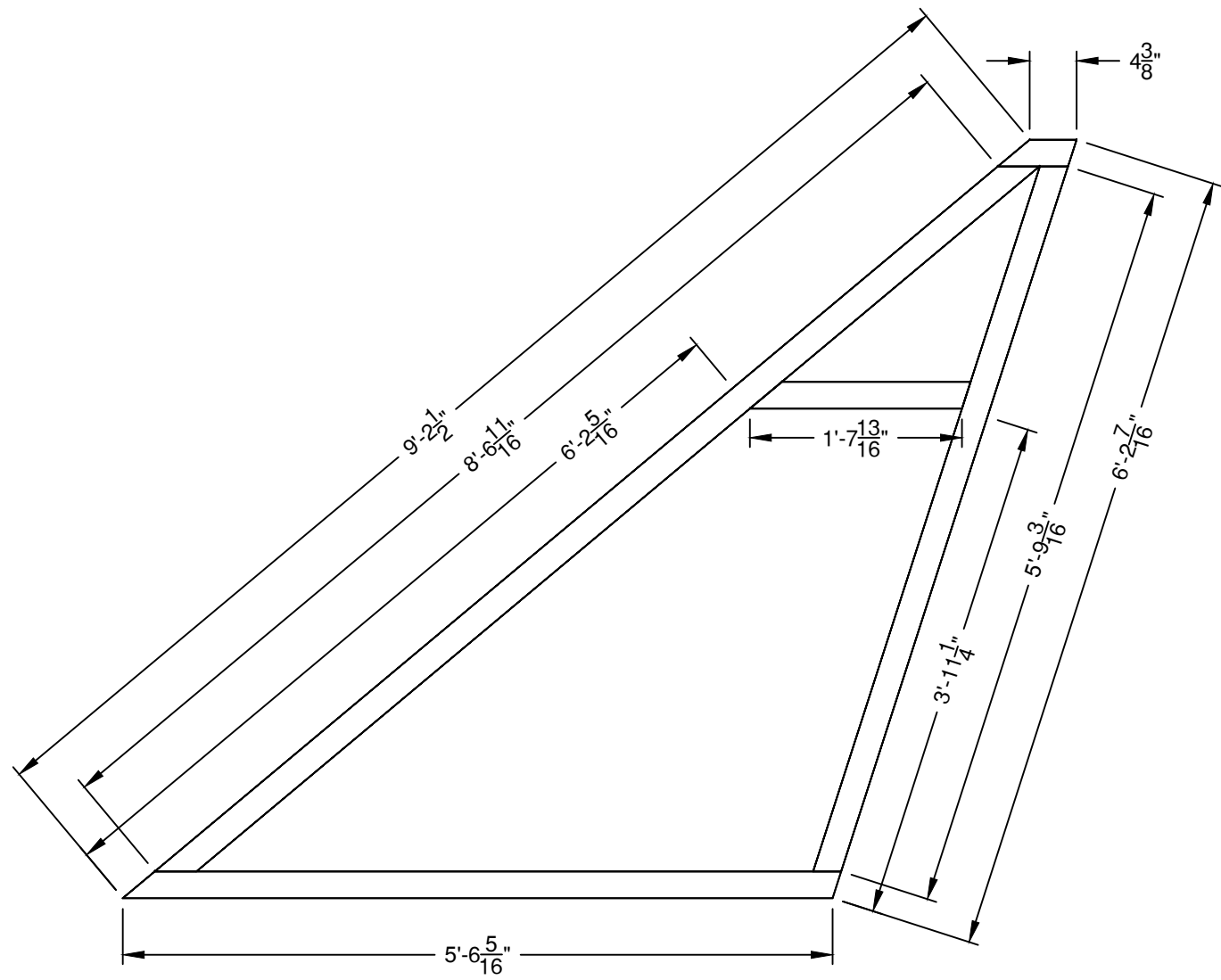
MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

SCALE: AS NOTED

1802.1

JOSEPH



1 FRONT VIEW
1803 BROADWAY FLAT CONSTRUCTION
GLUE AND WIDE CROWN STAPLE (FACE AND BACK) 3/4"=1'-0"

2 FRONT VIEW: ANGLES AND DIAGONALS
1803 DIAGONAL A->C= 6'-1 1/4"
DIAGONAL B->D= 9'-5 7/8" 3/4"=1'-0"

SL PYRAMID

FRAME 1

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/3/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

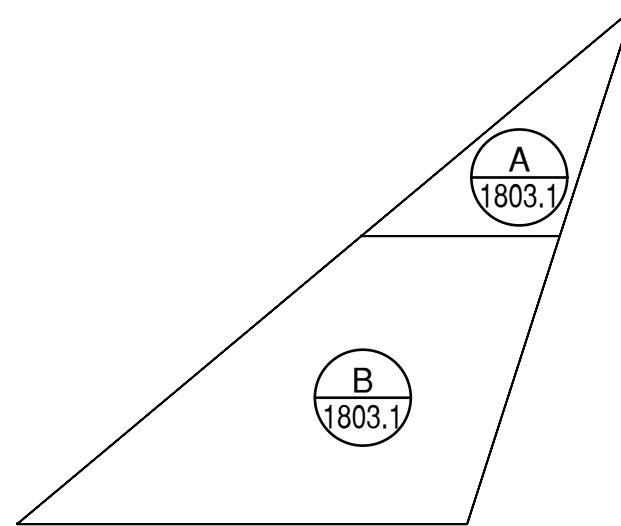
SCRAP USED

MATERIAL	QUANTITY

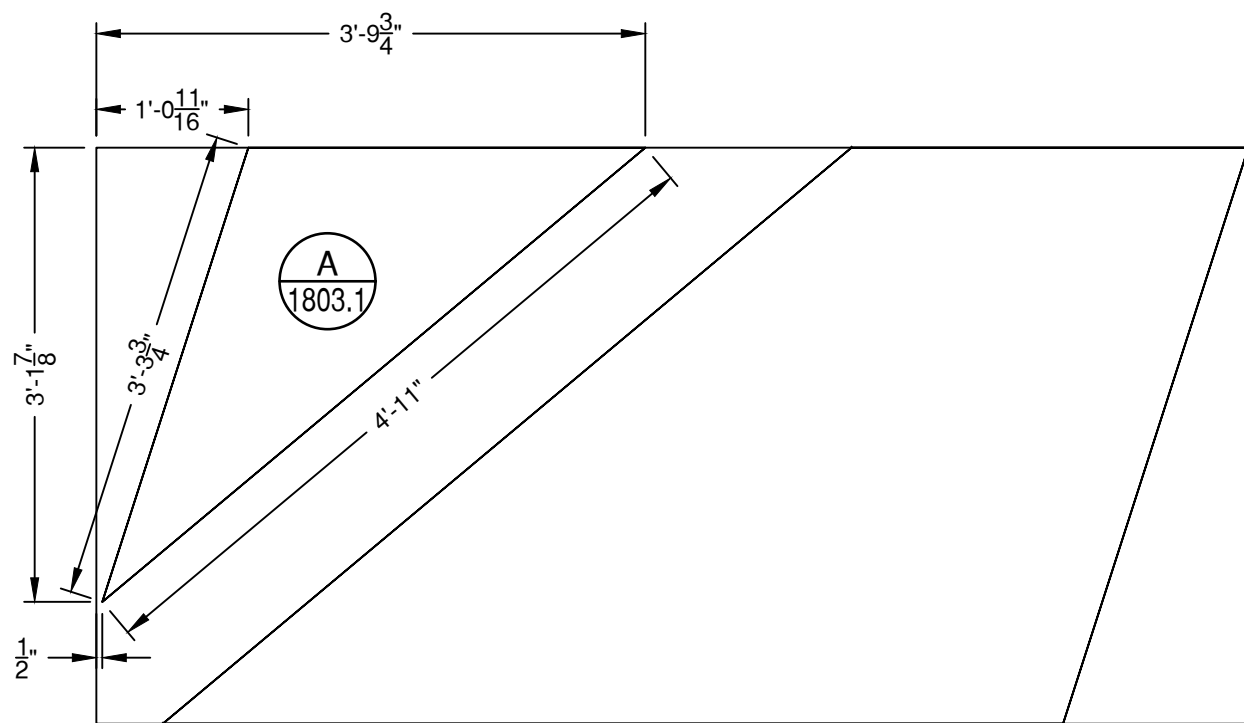
SCALE: AS NOTED

1803

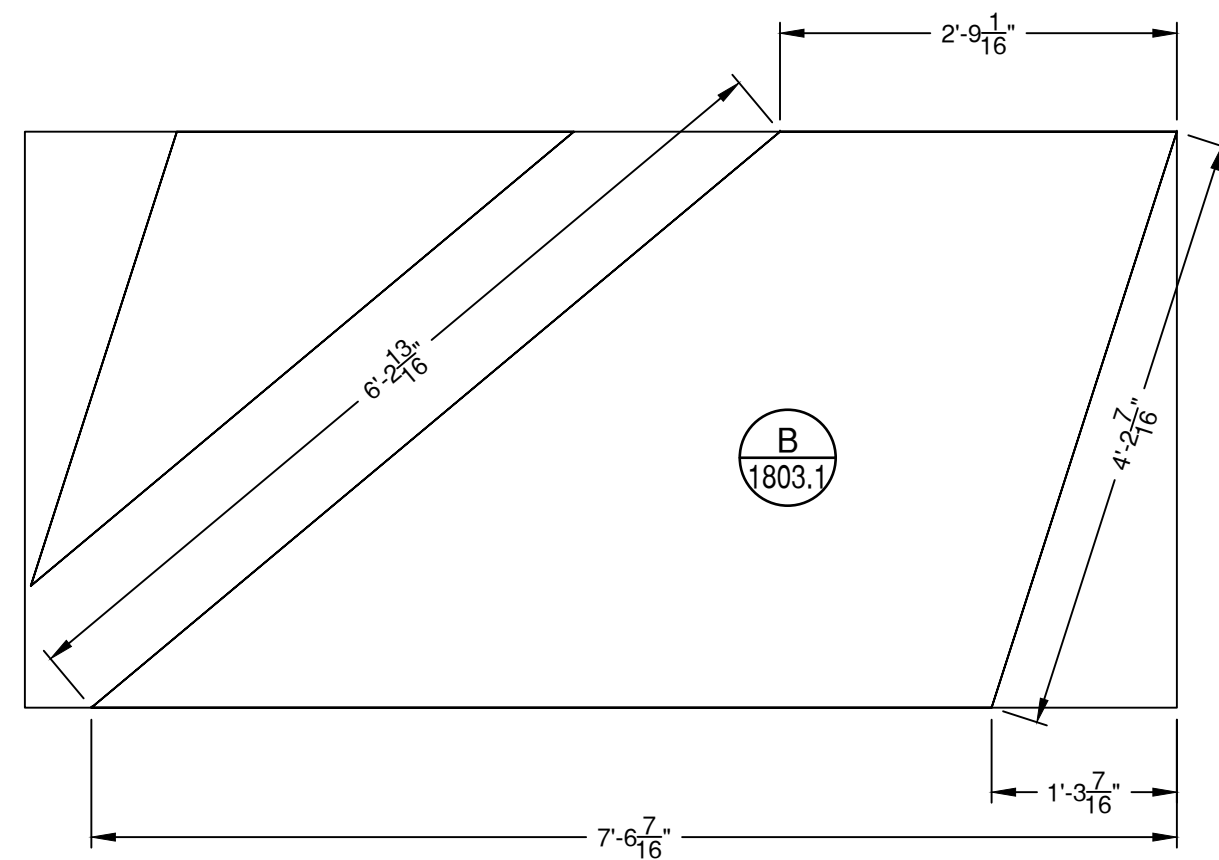
JOSEPH



1 FRONT VIEW
1803.1 CUT PIECES FROM 3/16" LAUAN 3/8"=1'-0"



2 FRONT VIEW
1803.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"



3 FRONT VIEW
1803.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"

SR PYRAMID

SL FRAME 1 FACING

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/4/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

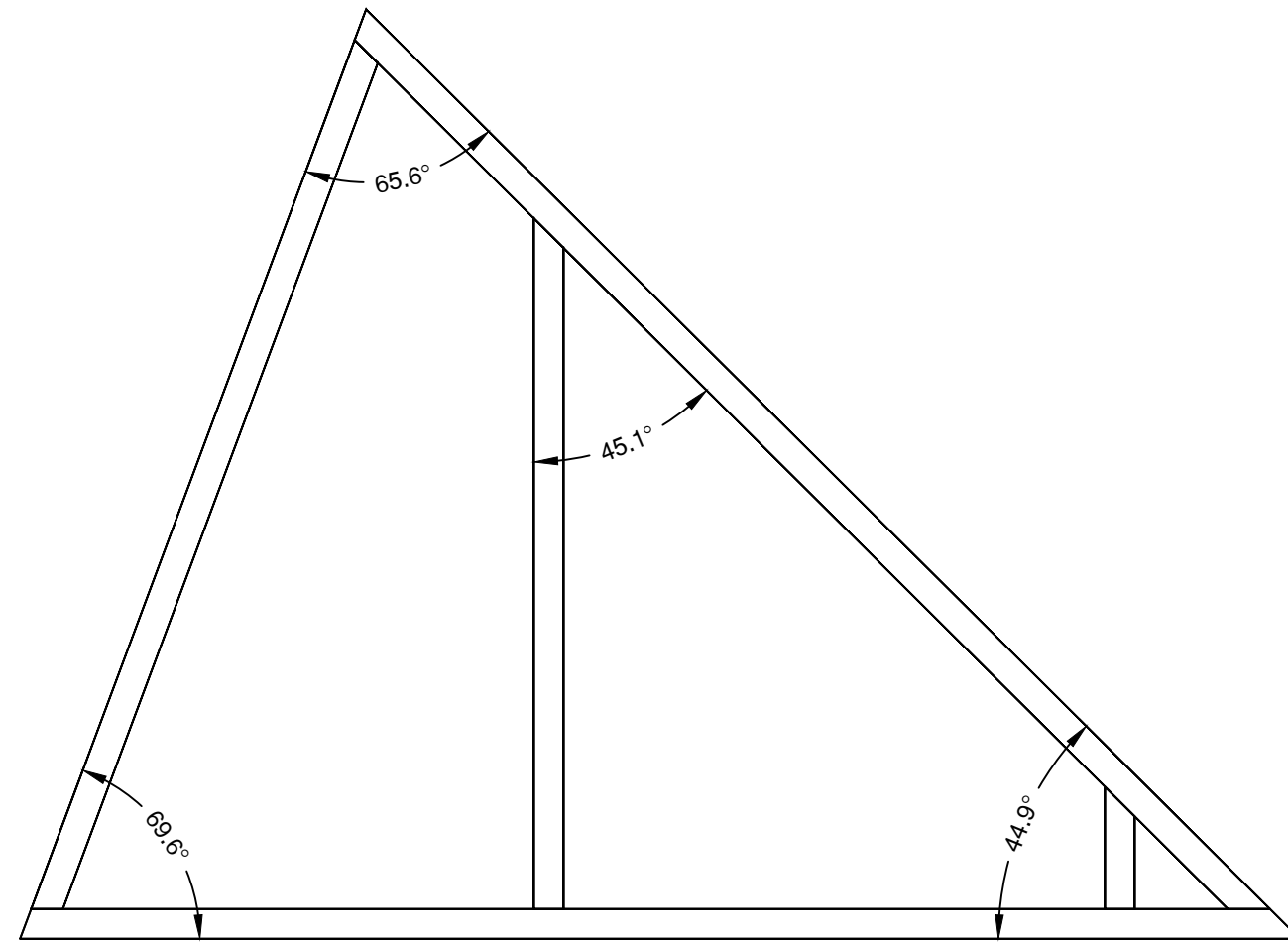
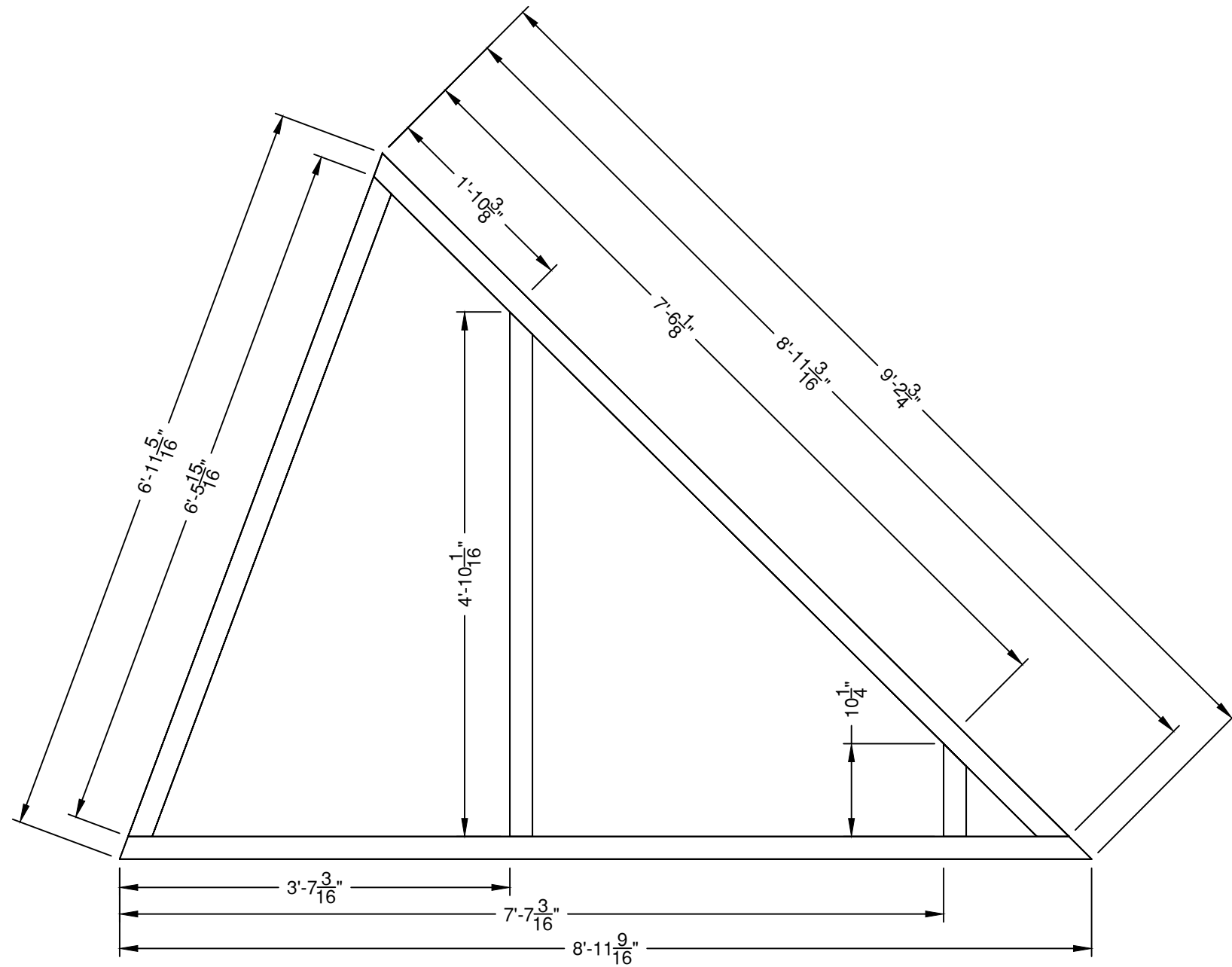
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1803.1

JOSEPH



1 FRONT VIEW
1804 BROADWAY FLAT CONSTRUCTION
GLUE AND WIDE CROWN STAPLE (FACE AND BACK) 3/4"=1'-0"

2 FRONT VIEW: ANGLES
1804 3/4"=1'-0"

SL PYRAMID

FRAME 2

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/3/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

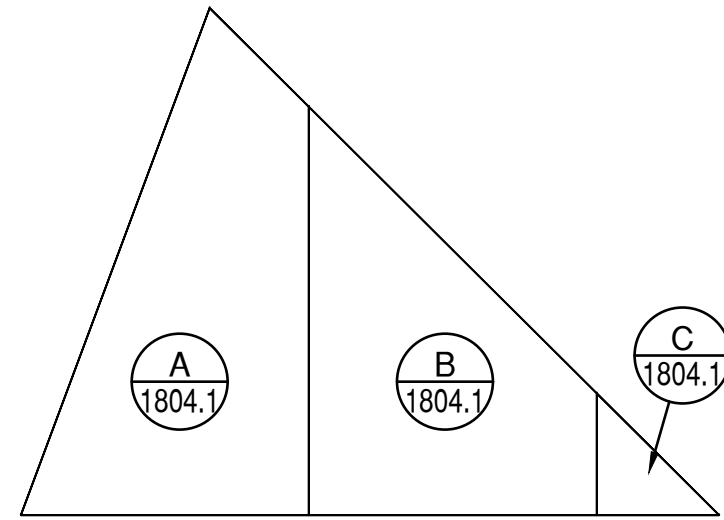
SCRAP USED

MATERIAL	QUANTITY

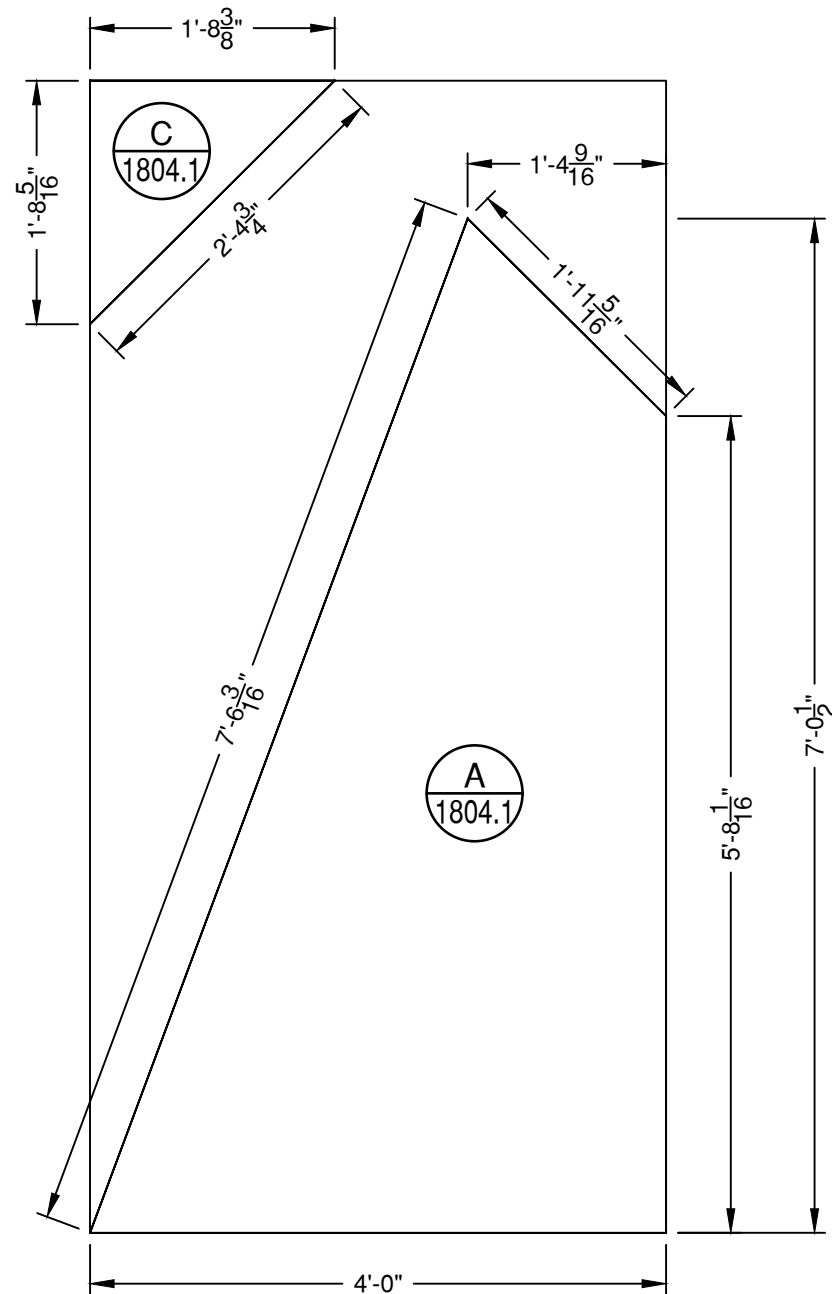
SCALE: AS NOTED

1804

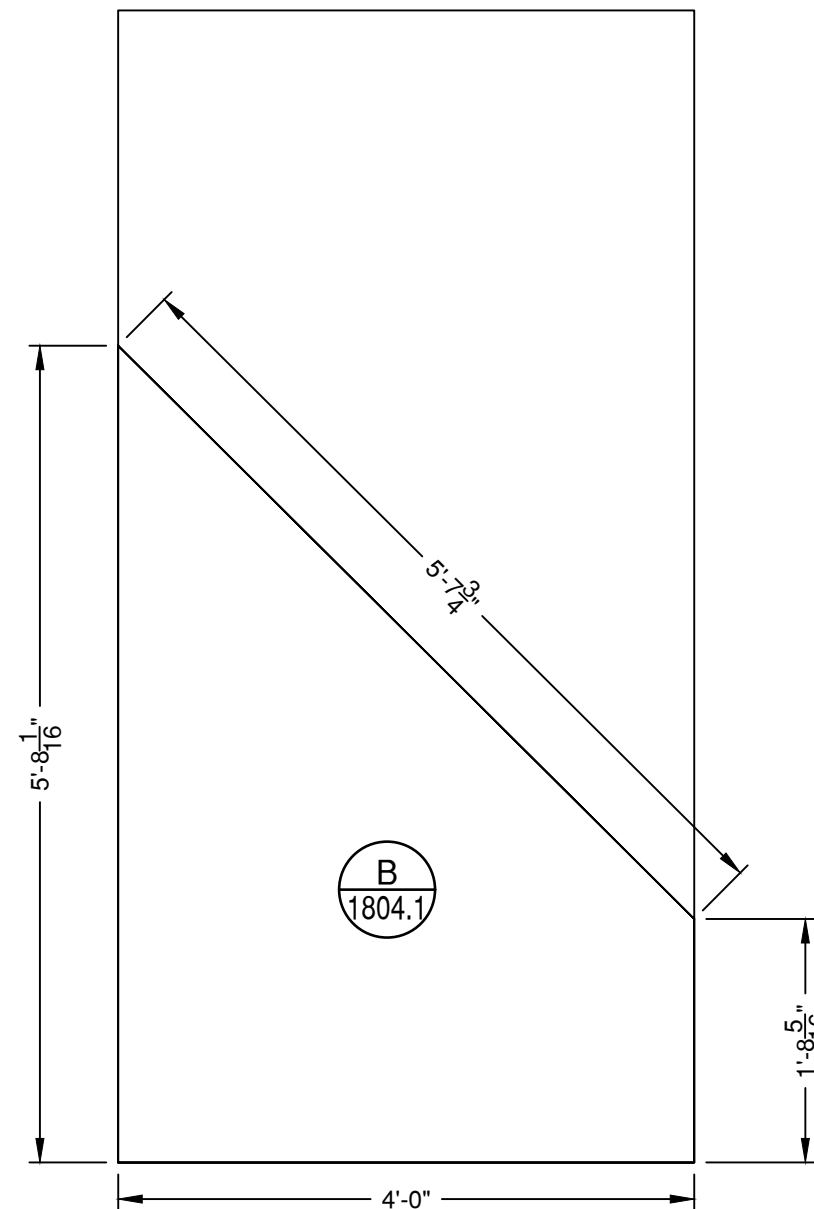
JOSEPH



1 FRONT VIEW
1804.1 CUT PIECES FROM 3/16" LAUAN 3/8"=1'-0"



2 FRONT VIEW
1804.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"



3 FRONT VIEW
1804.1 CUT PIECES FROM 3/16" LAUAN 3/4"=1'-0"
USE OFFCUT FROM PIECE D ON PLATE 1802.1

SR PYRAMID

SL FRAME 2 FACING

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/4/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

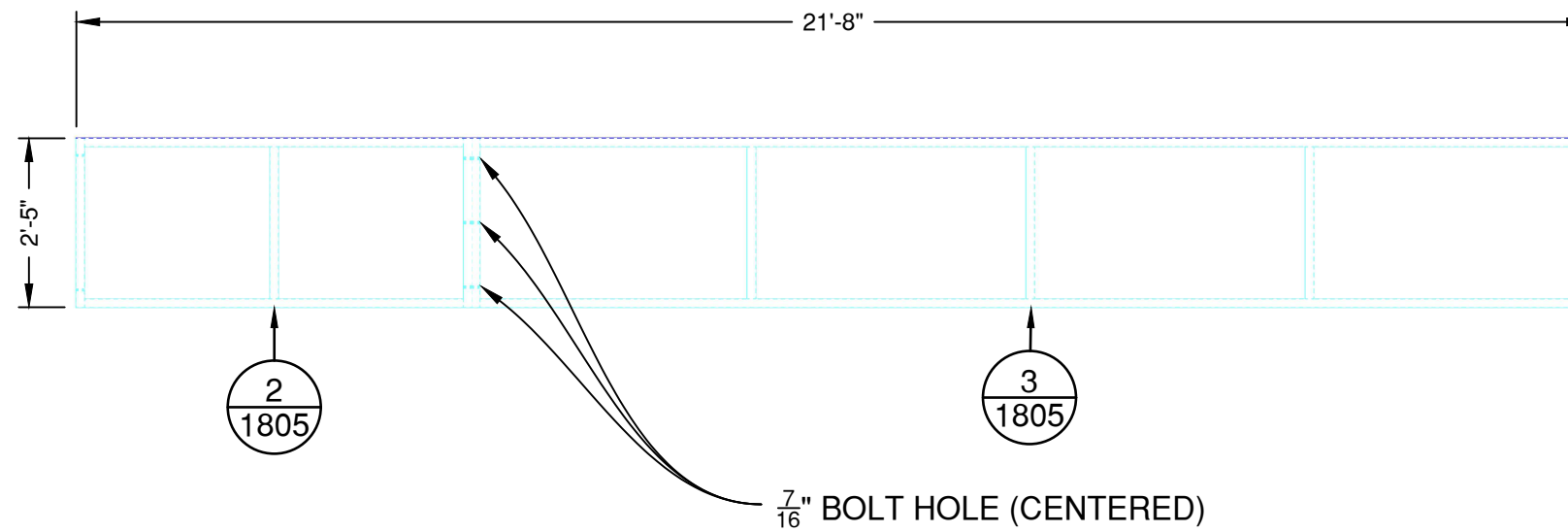
MATERIAL	QUANTITY

SCRAP USED

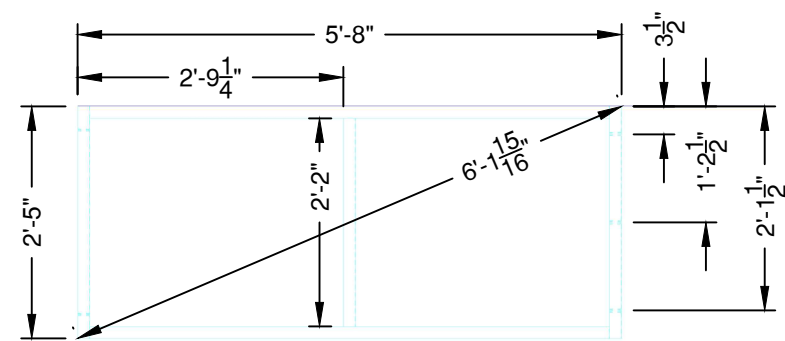
MATERIAL	QUANTITY

SCALE: AS NOTED

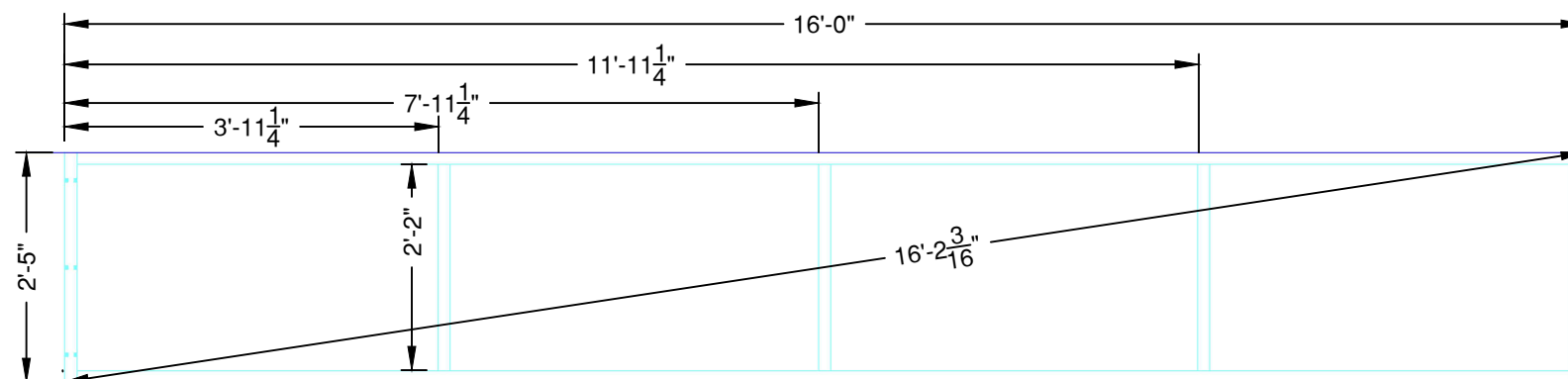
1804.1



1 TOP VIEW
1805 1.5" x .065 SQ. TUBE CONST. 3/8"=1'-0"
WELD 2 SIDES (FILLETTS AND/OR FACE WELDS)
GRIND ALL FACE WELDS
3/4" CDX PLY LID (TEK SCREW)



2 TOP VIEW
1805 1.5" x .065 SQ. TUBE CONST. 1/2"=1'-0"
WELD 2 SIDES (FILLETTS AND/OR FACE WELDS)
GRIND ALL FACE WELDS
3/4" CDX PLY LID (TEK SCREW)



3 TOP VIEW
1805 1.5" x .065 SQ. TUBE CONST. 1/2"=1'-0"
WELD 2 SIDES (FILLETTS AND/OR FACE WELDS)
GRIND ALL FACE WELDS
3/4" CDX PLY LID (TEK SCREW)
USE SAME BOLT HOLE PLACEMENT AS SMALLER FRAME

**PYRAMIDS
WAGON**

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/4/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

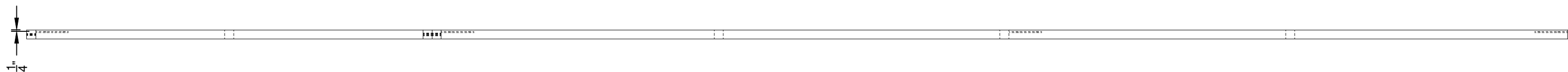
MATERIAL	QUANTITY

SCRAP USED

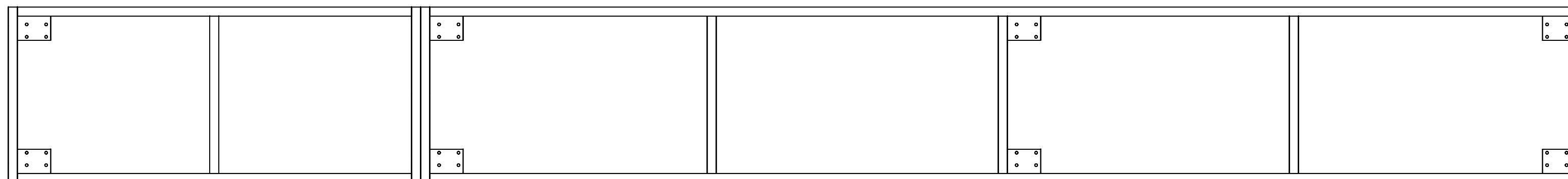
MATERIAL	QUANTITY

SCALE: AS NOTED

JOSEPH



1 FRONT VIEW
 1805.1 BOLT WAGON TOGETHER 3/4"=1'-0"
 WILL NEED TO REDRILL THE TWO OUTER BOLT HOLES
 USE CASTER PLATES FROM PLATE PLM-1503
 FILLET WELD TOP AND BOLT



2
 1805

3
 1805

2 TOP VIEW
 1805.1 BOLT WAGON TOGETHER 3/4"=1'-0"
 WILL NEED TO REDRILL THE TWO OUTER BOLT HOLES
 USE CASTER PLATES FROM PLATE PLM-1503
 FILLET WELD TOP AND BOLT

PYRAMIDS

CASTER PLATES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	6/6/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

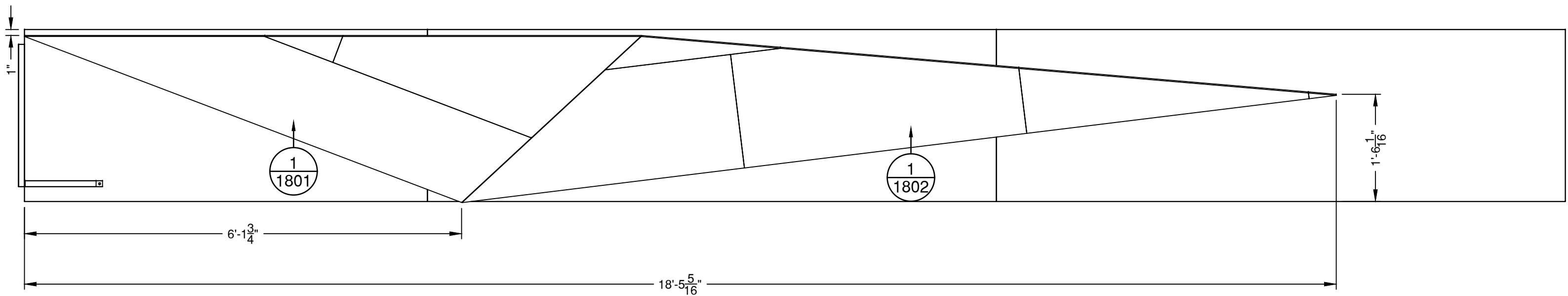
SCRAP USED

MATERIAL	QUANTITY

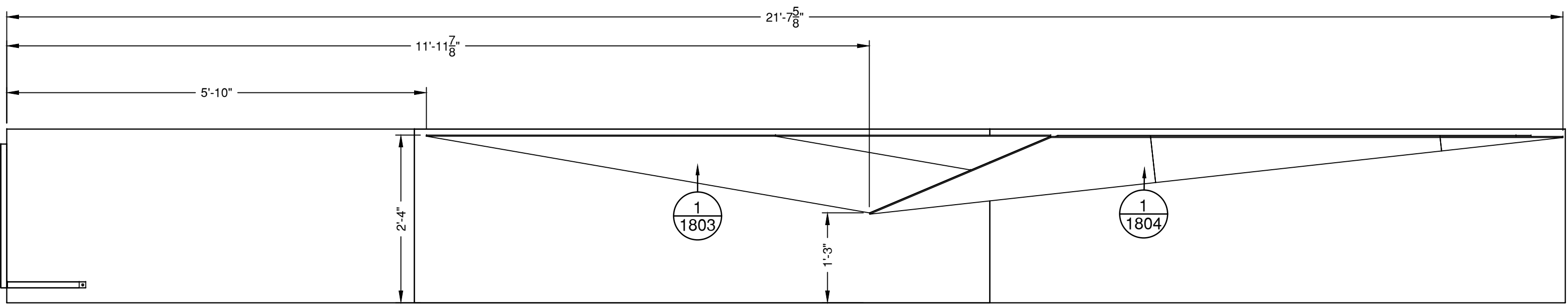
SCALE: AS NOTED

1805.1

JOSEPH



1 TOP VIEW: SR PYRAMID PLACEMENT
 1806 3/4"=1'-0"



2 TOP VIEW: SL PYRAMID PLACEMENT
 1806 3/4"=1'-0"

PYRAMIDS

PYRAMID PLACEMENT

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/8/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

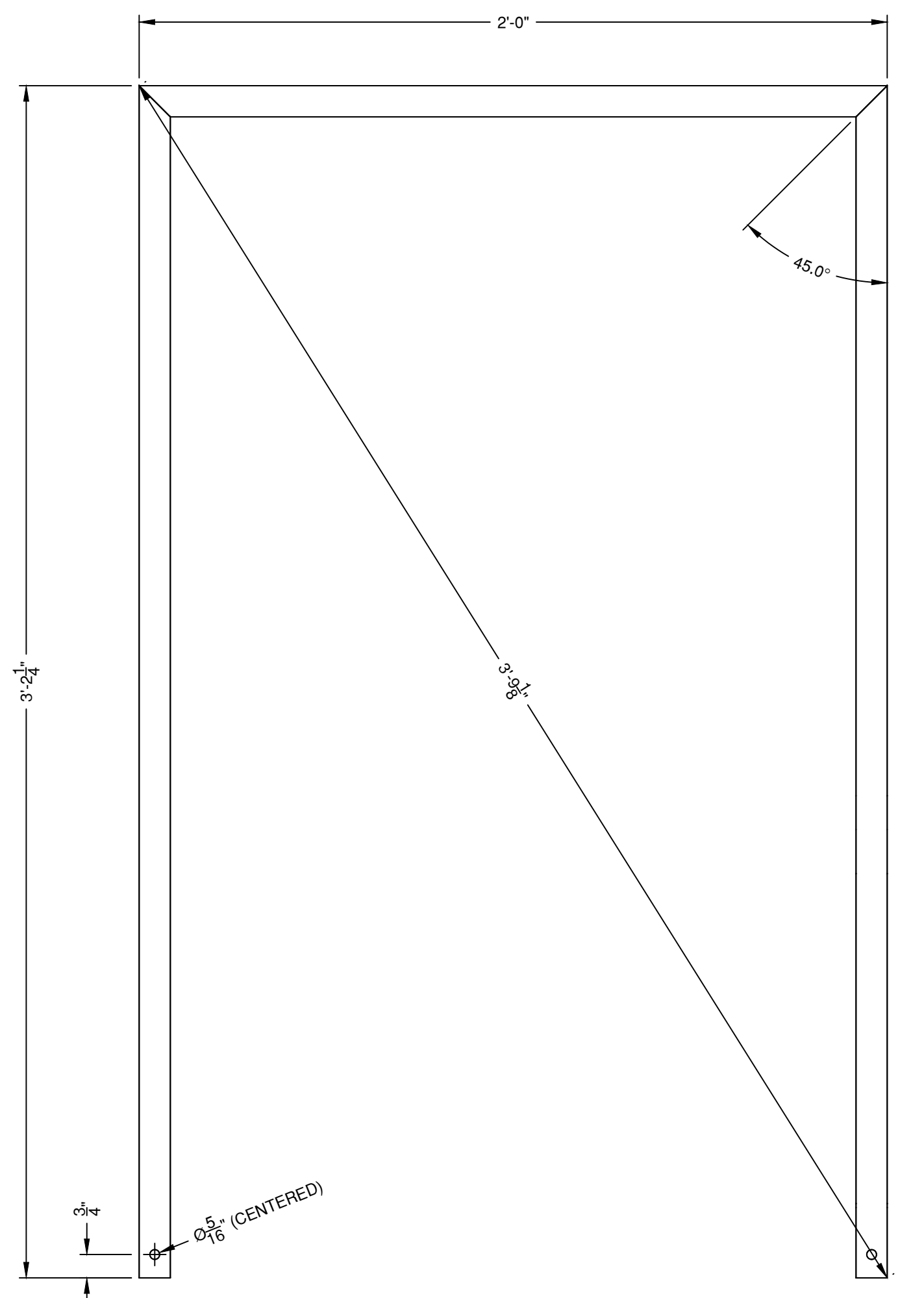
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1806

JOSEPH



1 FRONT VIEW
 1807 1" x .065" SQ. TUBE CONST.
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND ANY AND ALL FACE WELDS
 3"=1'-0"

PYRAMIDS

PUSH BAR

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	6/12/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

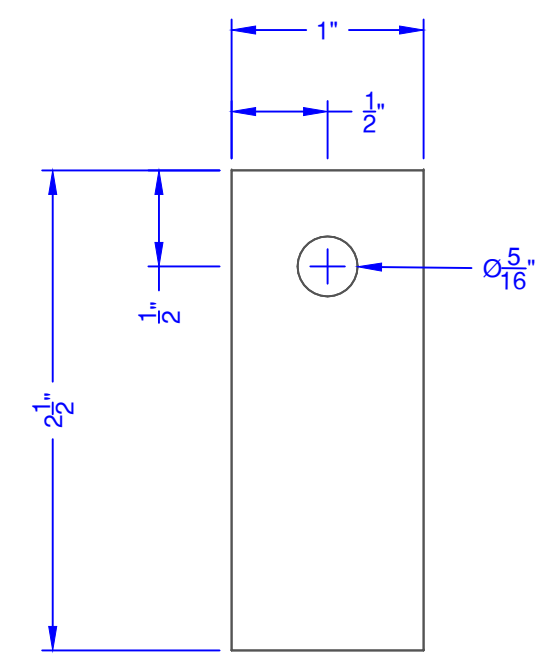
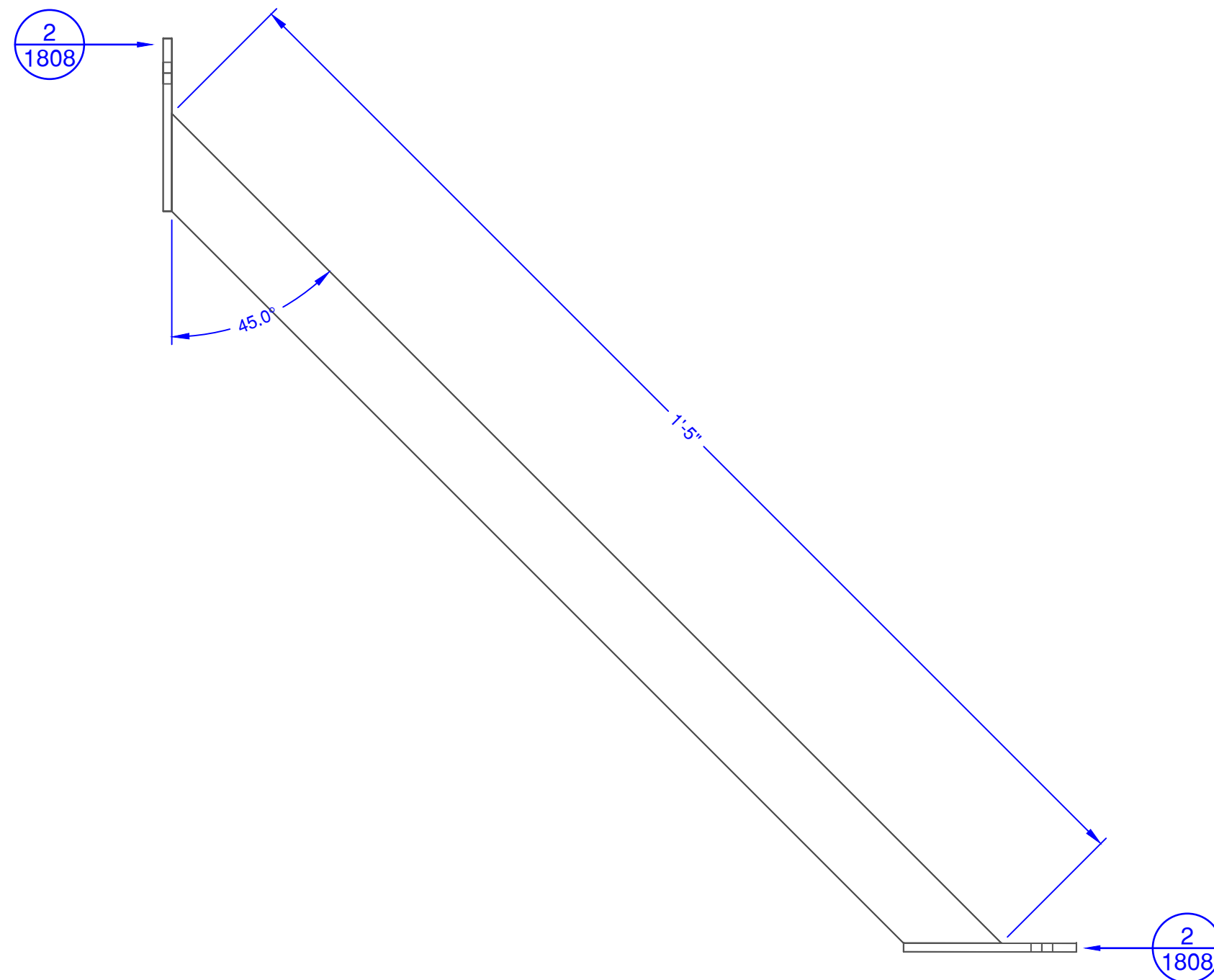
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1807

JOSEPH



1
1808 SIDE VIEW
 1" x .065" SQ. TUBE CONST.
 WELD 2 SIDES (FILLETs AND/OR FACES)
 GRIND ANY AND ALL FACE WELDS
 6"=1'-0"

2
1808 SIDE VIEW
 1" FLAT BAR
 MAKE 2
 ACTUAL SIZE

PYRAMIDS
PUSH BAR SUPPORT

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH:	T. FAGERHOLM
DWG BY:	MDB
DATE:	6/14/2019
INVENTORY CODE:	JO-PYR
FILE:	JO - 1800 - PYR

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

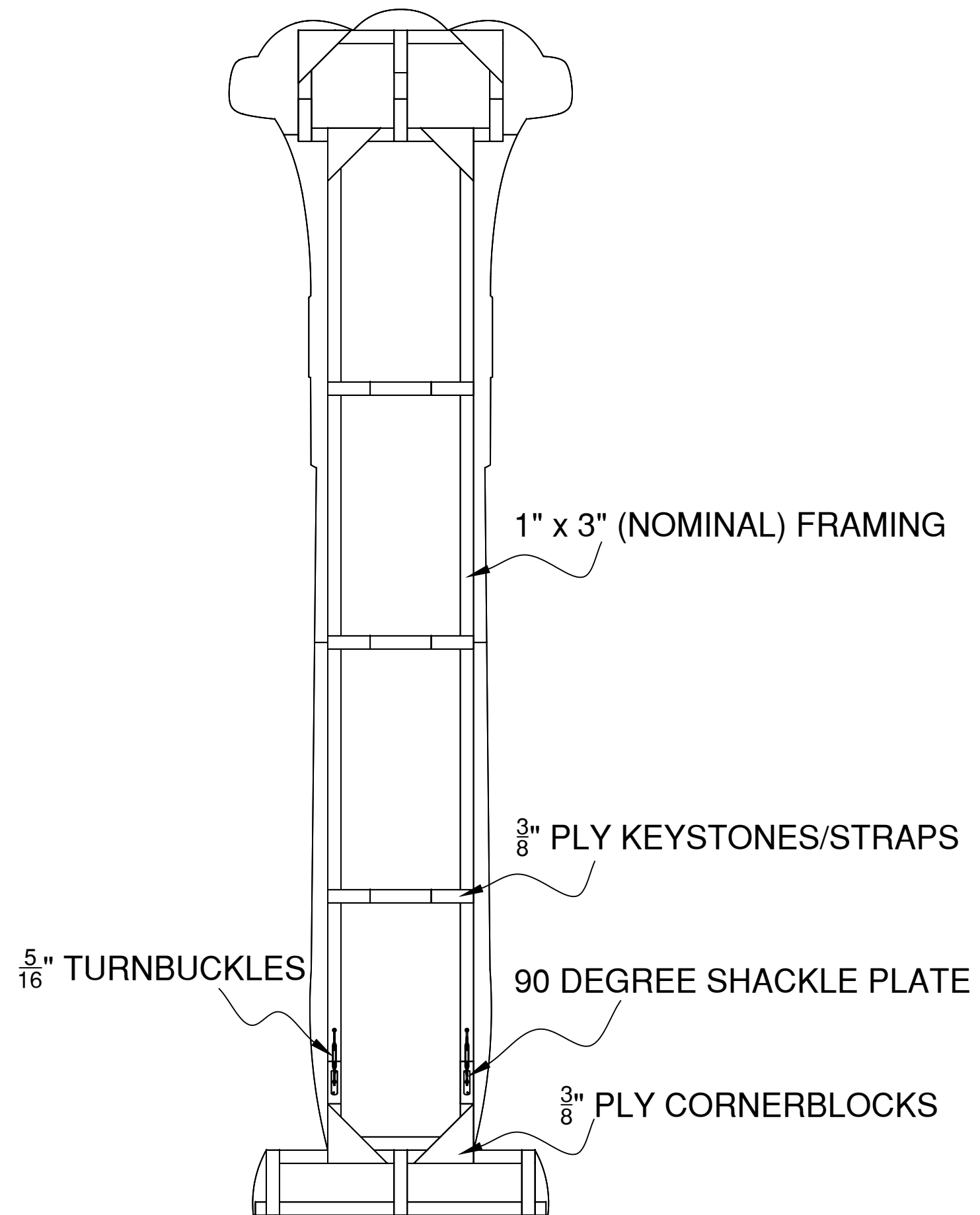
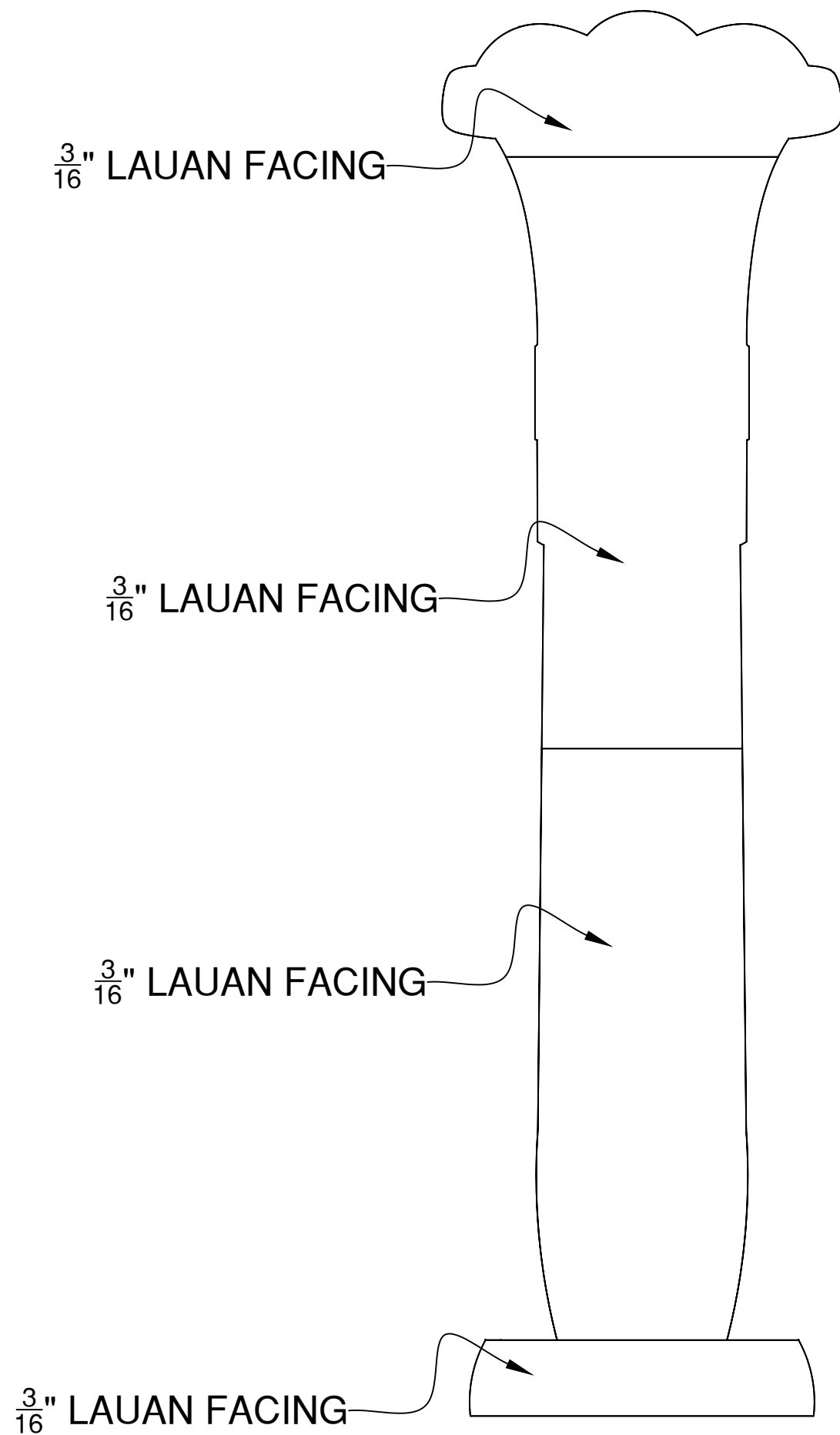
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1808

JOSEPH



1 FRONT VIEW: OVERVIEW
1900 HARDCOVERED BROADWAY FLAT CONST. 1/2"=1'-0"
BUILD 4
RIGGED TO FLY
MATERIALS NOTED ABOVE
FACING CUT ON THE CNC

2 REAR VIEW: OVERVIEW
1900 HARDCOVERED BROADWAY FLAT CONST. 1/2"=1'-0"
RIGGED TO FLY
MATERIALS NOTED ABOVE

COLUMNS

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/17/2019
INVENTORY CODE:	JO - 1900
FILE:	JO-1900-CLM

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

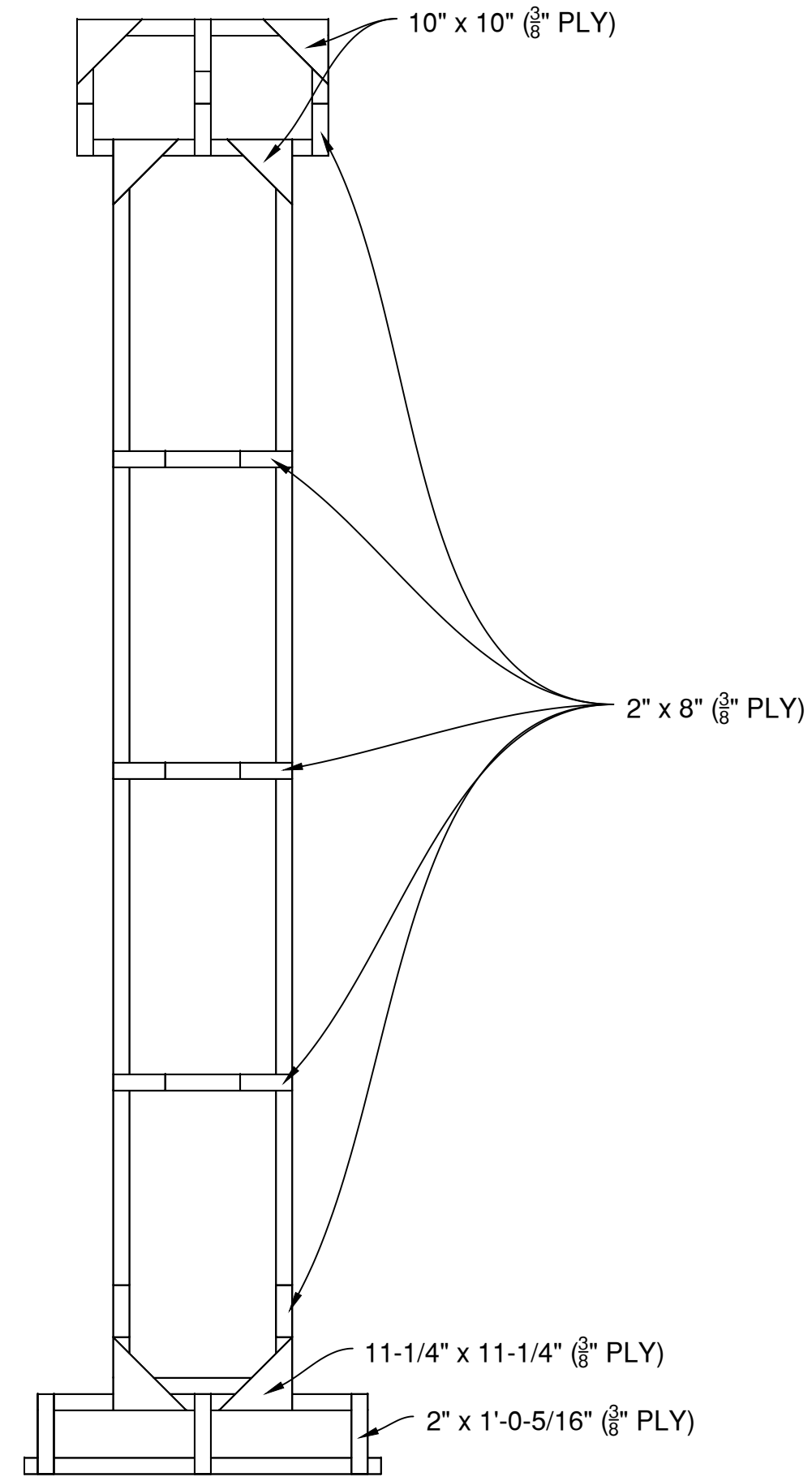
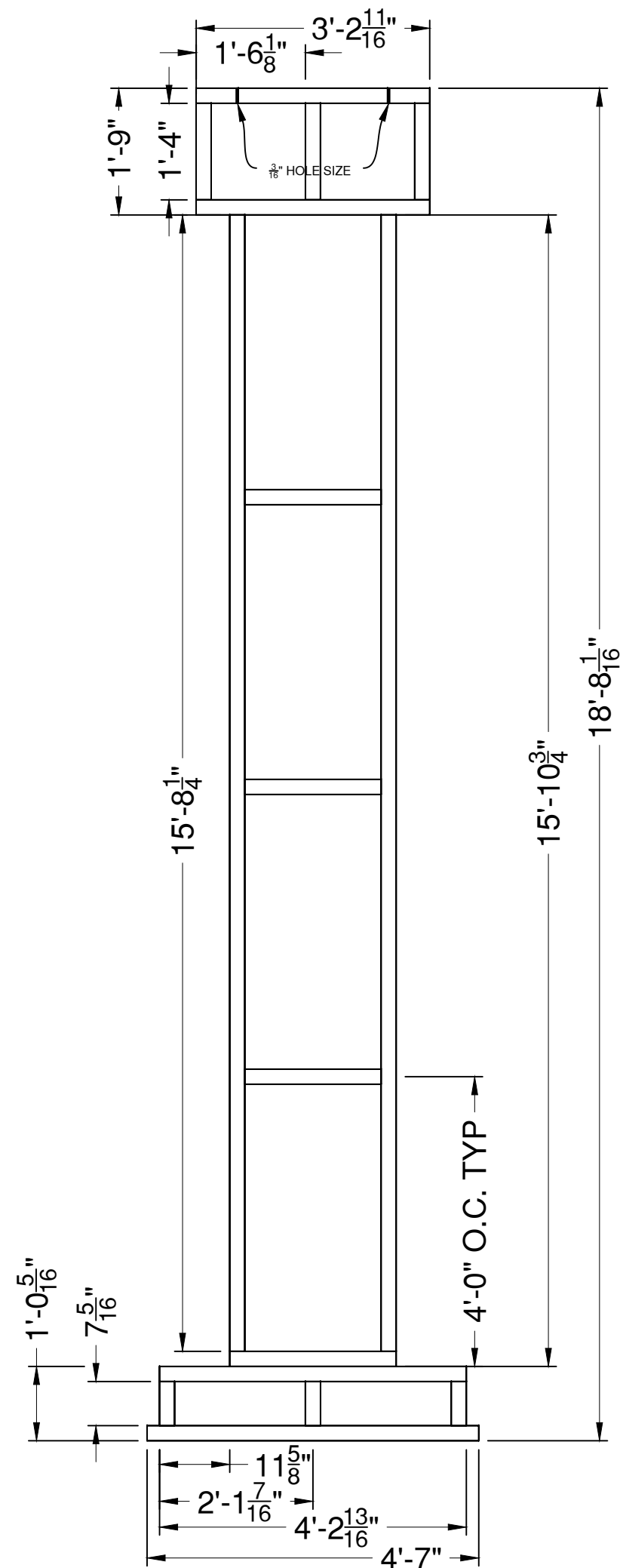
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1900

JOSEPH



1
1901 REAR VIEW: W/O CORNERBLOCKS AND KEYSTONES
HARDCOVERED BROADWAY FLAT CONST. 1/2"=1'-0"
BUILD 4
1"x3" (NOMINAL) CONST.
DRILL (2) 3/16" HOLES 6-13/16" FROM BOTH EDGES OF TOP RAIL
GLUE BUTT JOINTS

2
1901 REAR VIEW: CORNERBLOCKS AND KEYSTONES
3/8" PLY CORNERBLOCKS AND KEYSTONES 1/2"=1'-0"
GLUE AND STAPLE CORNERBLOCKS AND KEYSTONES
PLY GRAIN SHOULD RUN PERPENDICULAR TO JOINT

COLUMNS

FLAT FRAMES

DIRECTOR: BRAD CARROL	
DESIGNER: JASON LAJKA	
TECH DIRECTOR: T. FAGERHOLM	
DWG BY: MDB	DATE: 5/17/2019
INVENTORY CODE: JO - 1900	
FILE: JO-1900-CLM	

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1901

JOSEPH

COLUMNS

LAUAN LAYOUT

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/20/2019
INVENTORY CODE:	JO - 1900
FILE:	JO-1900-CLM

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

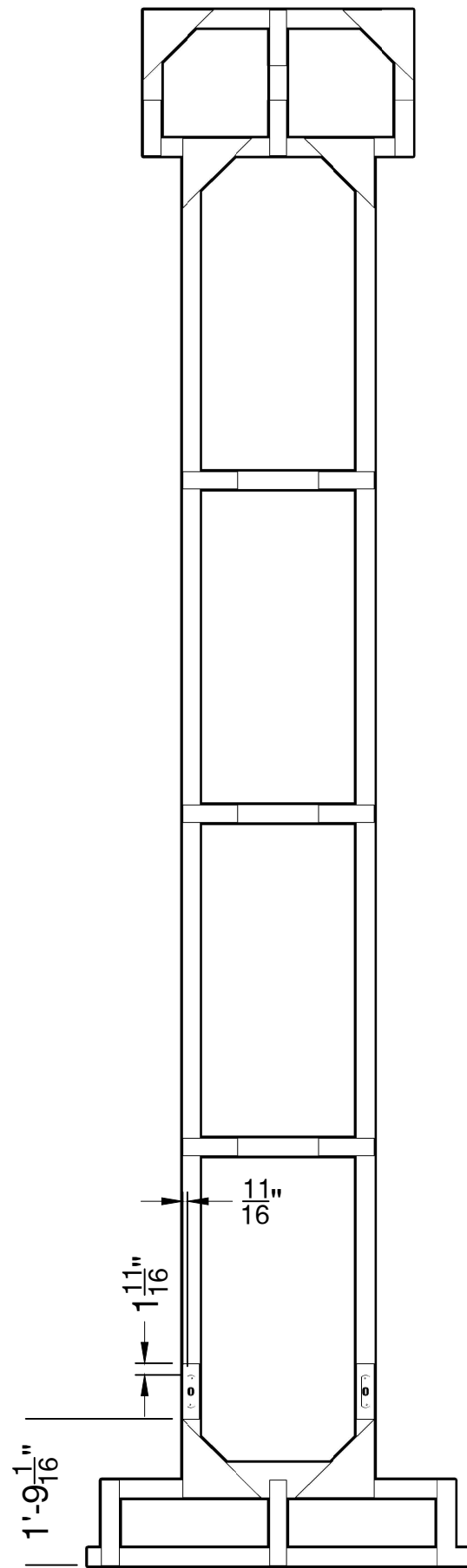
MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

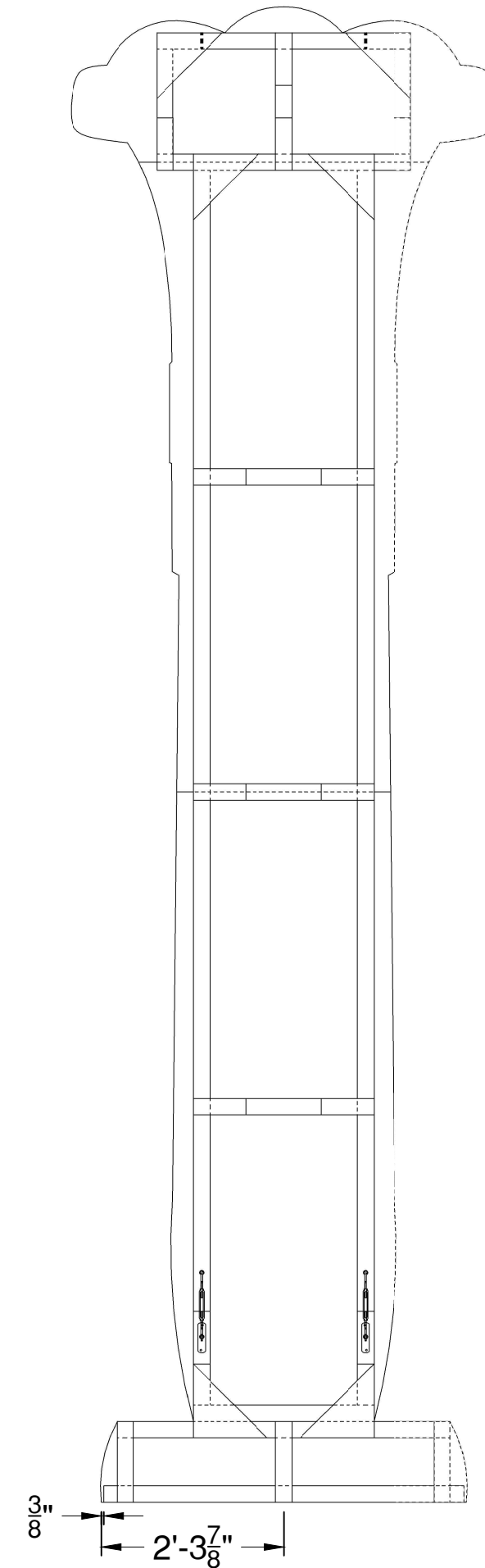
MATERIAL	QUANTITY

SCALE: AS NOTED



1 REAR VIEW: SHACKLE PLATE PLACEMENT
1902 USE 1/4" STOVE BOLTS
1/4" WASHERS & LOCK NUT

1/2"=1'-0"

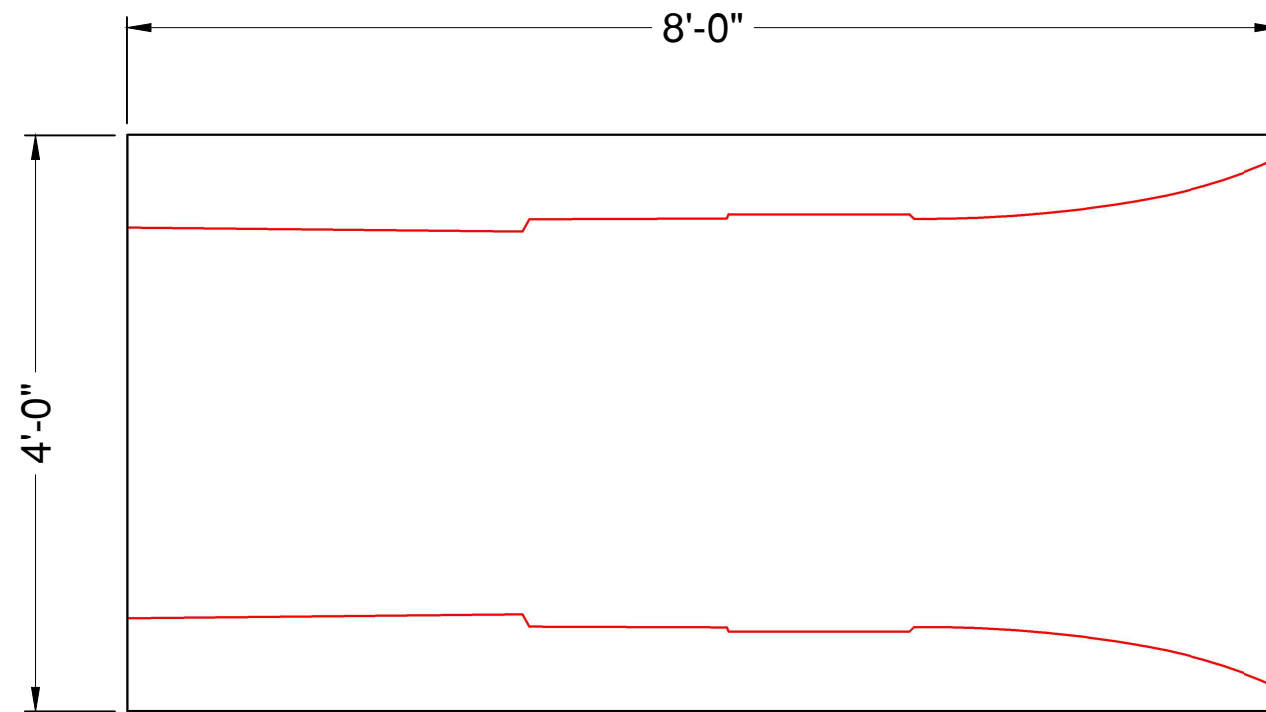


2 REAR VIEW: CUTOUT LAYOUT
1902 GLUE AND NARROW CROWN STAPLE TO FACE
JC AND SAND ANY HOLES ON FACE

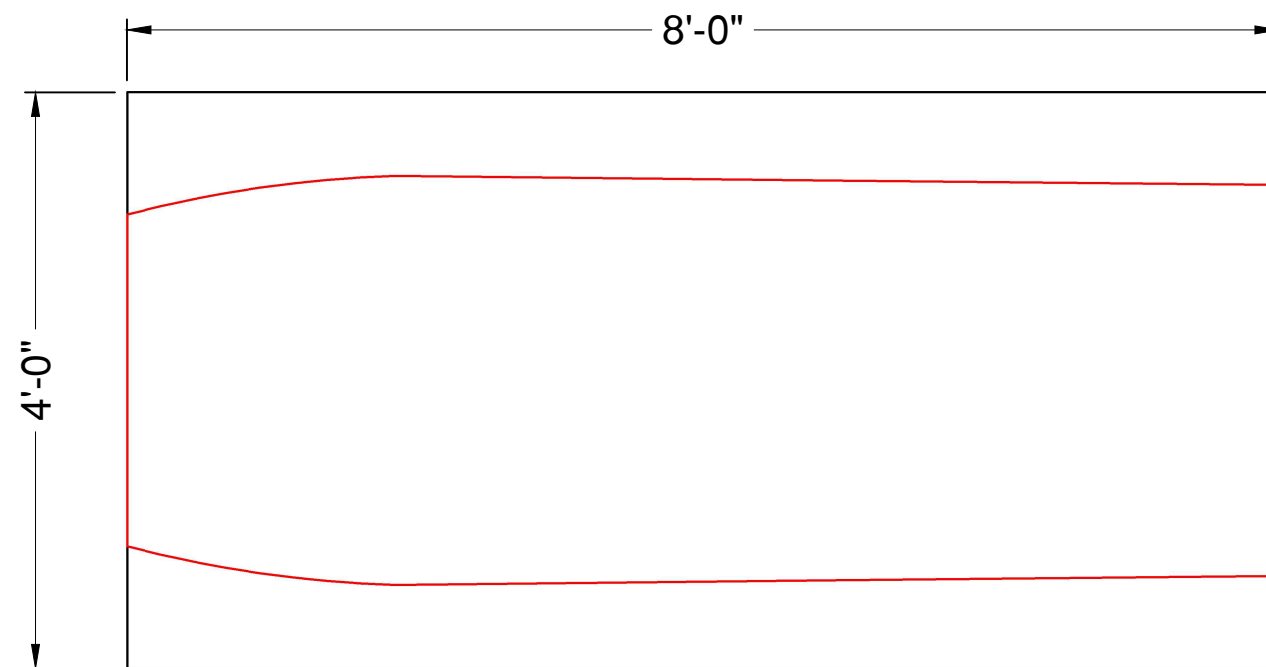
1/2"=1'-0"

1902

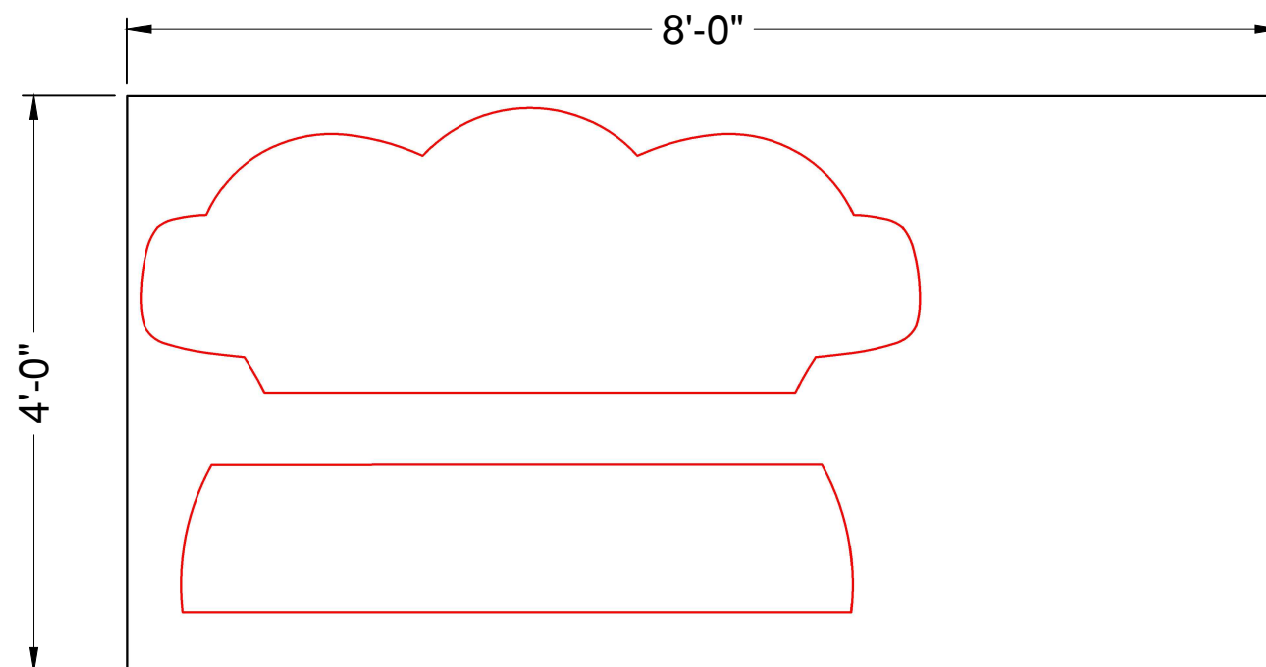
JOSEPH



**CUT (4) FROM $\frac{3}{16}$ " LAUAN
 WITH $\frac{3}{8}$ " CEM Outside Profile**



**CUT (4) FROM $\frac{3}{16}$ " LAUAN
 WITH $\frac{3}{8}$ " CEM Outside Profile**



**CUT (4) FROM $\frac{3}{16}$ " LAUAN
 WITH $\frac{3}{8}$ " CEM Outside Profile**

COLUMNS

CNC CUTOUS

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	MDB
DATE:	5/20/2019
INVENTORY CODE:	JO - 1900
FILE:	JO-1900-CLM

BUILD TIME

DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED

MATERIAL	QUANTITY

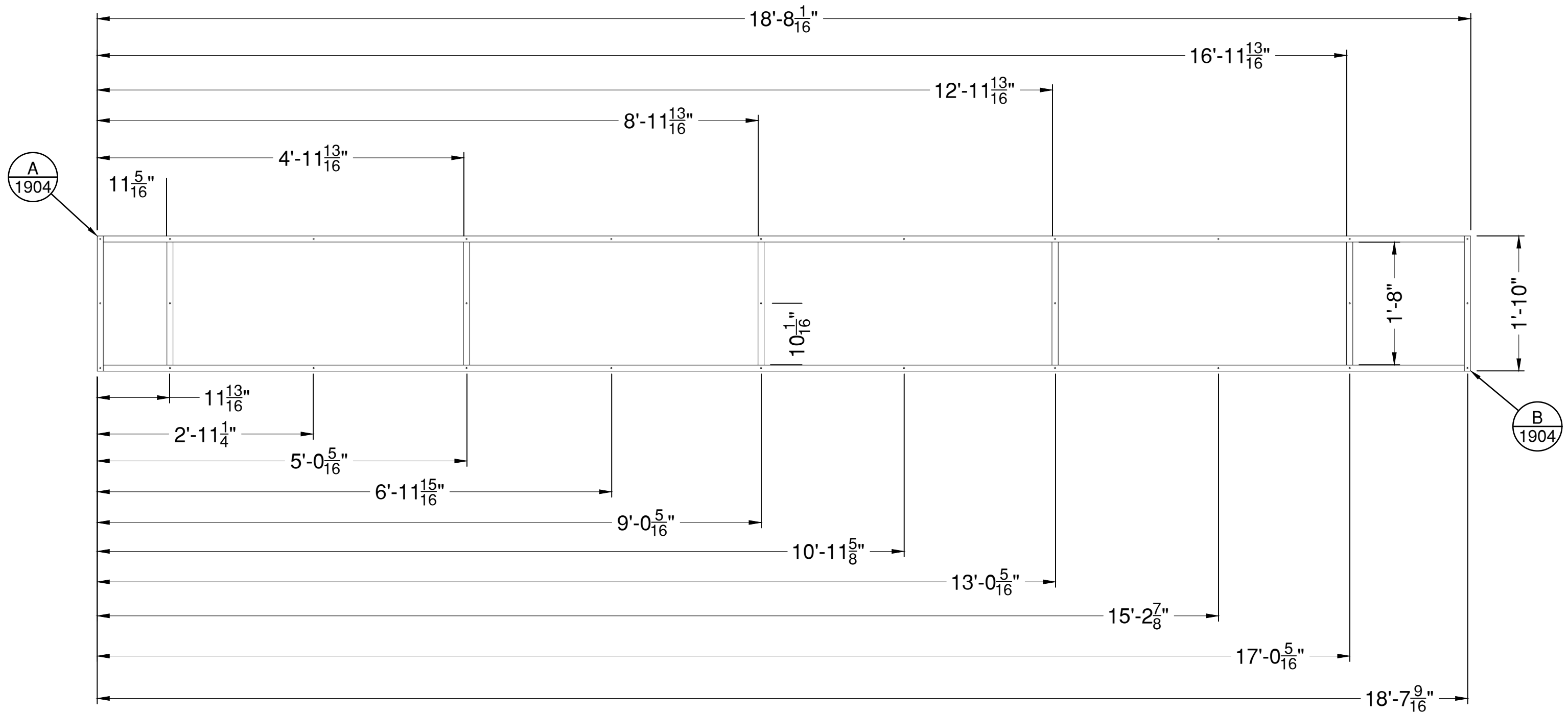
SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED

1903

JOSEPH



COLUMNS
STEEL FRAMES

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH DIRECTOR:	T. FAGERHOLM
DWG BY:	NILS!
DATE:	5/20/2019
INVENTORY CODE:	JO - 1900
FILE:	JO-1900-CLM

BUILD TIME	
DATE	HOURS (Closest 1/4 Hour)

MATERIALS USED	
MATERIAL	QUANTITY

SCRAP USED	
MATERIAL	QUANTITY

SCALE: AS NOTED

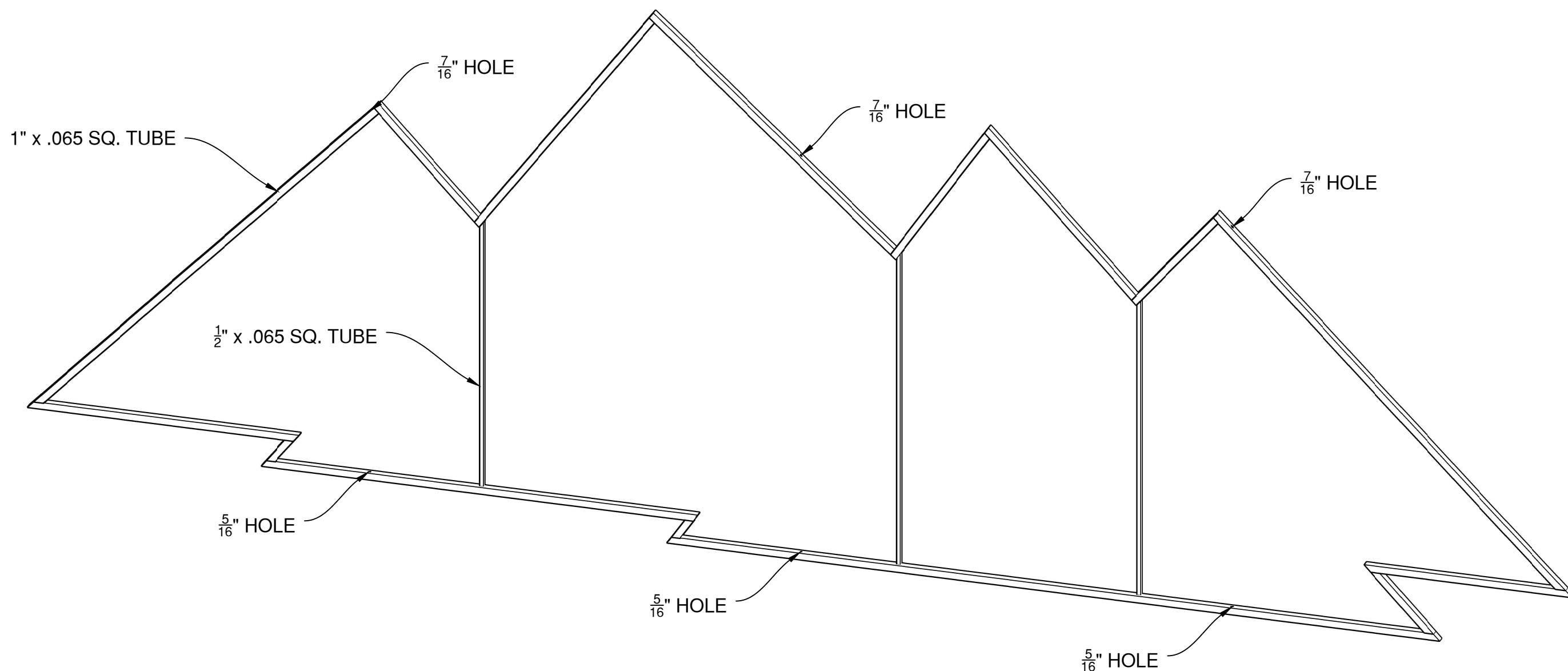
1904

- 1 Column Steel Frames
- 1904 Retro Fit Steel Frames
- 1x1x16ga SQ Tube
- All Holes are 3/16" Diameter. (Centered)
- Counter sink holes for drywall screws
- Diagonal A->B= 18'-9-1/8"

BUILD TWO (2)

3/4"=1'-0"

JOSEPH



1 FRONT RIGHT ISO VIEW
 2000 RIGGED TO FLY 3/4"=1'-0"
 WELD 2 SIDES (IDEALLY FILLETS AND/OR UPSTAGE FACES)
 GRIND ALL FACE WELDS
 1/2" PLY TACK STRIP ON THE US SIDE OF UNIT
 WRAPPED IN POLY CYC, (IN THE RANDALL)

MEGAMIX SIGN

OVERVIEW

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	5/23/2019
INVENTORY CODE:	JO-MPJ
FILE:	JO - 2000 - MPJ

BUILD TIME

DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED

MATERIAL	QUANTITY

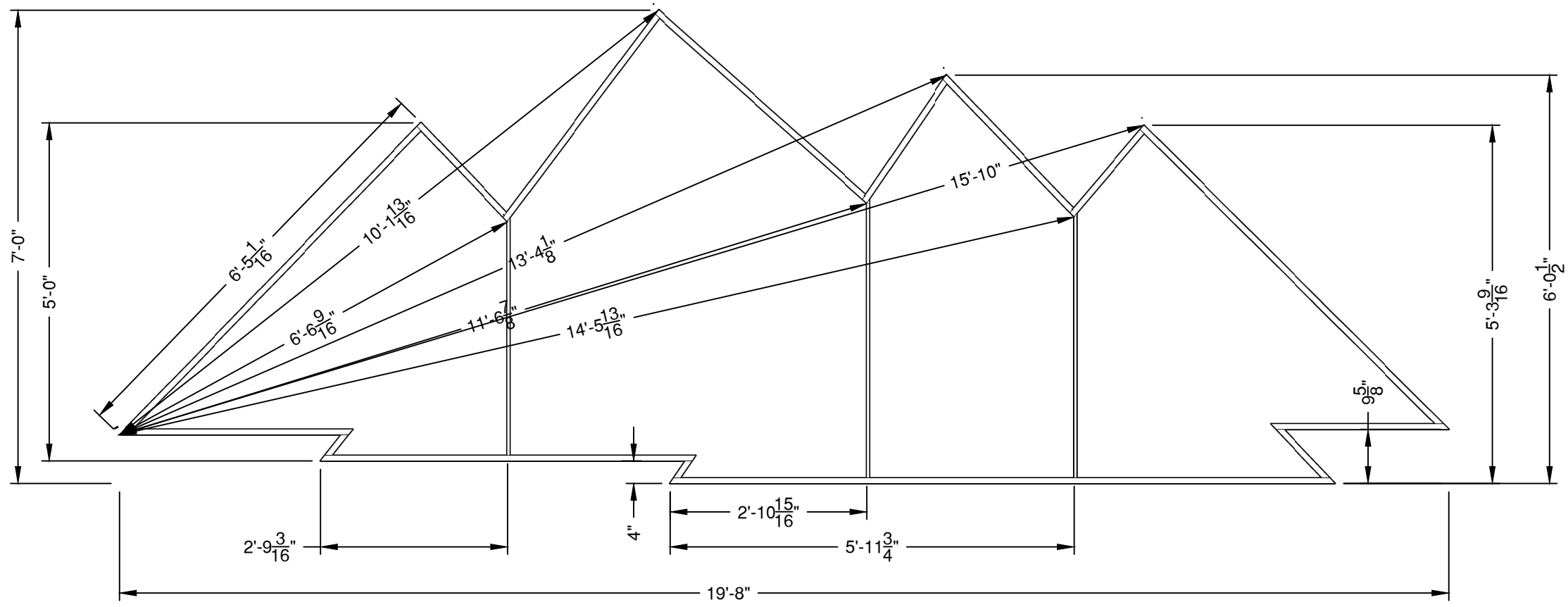
SCRAP USED

MATERIAL	QUANTITY

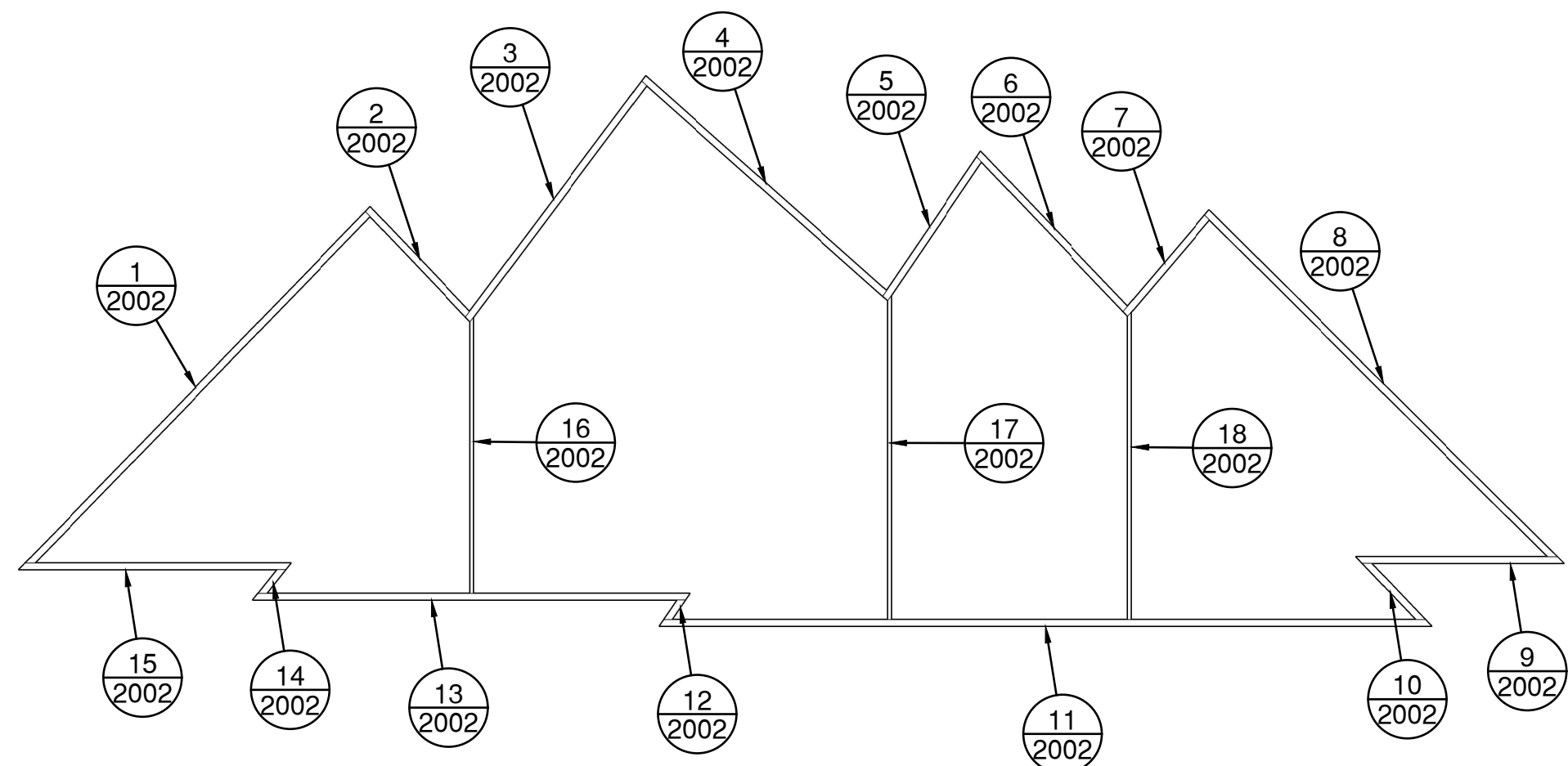
SCALE: AS NOTED

2000

JOSEPH



1 FRONT VIEW: LAYOUT MAP
 2001 WELD 2 SIDES (FILLET'S AND/OR FACES) 1/2"=1'-0"
 GRIND ALL FACE WELDS
 ADD 1/2" PLY TACK STRIP TO BACK OF FRAME
 WRAPPED IN POLY CYC, (IN RANDALL)
 1" x .065 SQ. TUBE CONST. (EXCEPT VERT. ARE 1/2" X .065 SQ. TUBE)



2 FRONT VIEW: LAYOUT
 2001 CUT LIST ON FOLLOWING PLATE (2002) 1/2"=1'-0"
 1/2" x .065 SQ TUBE FLUSH TO THE BACK

MEGAMIX SIGN

STEEL FRAME	
DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	5/23/2019
INVENTORY CODE:	JO-MPJ
FILE:	JO - 2000 - MPJ

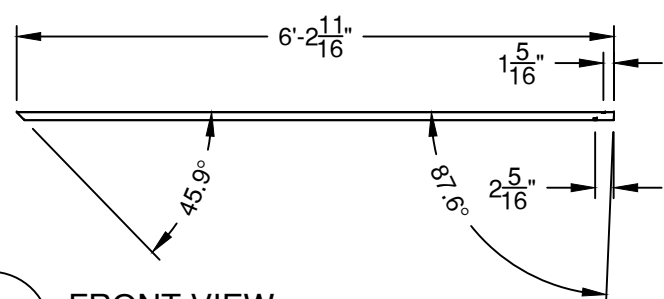
BUILD TIME	
DATE	HOURS (Closest 1/2 Hour)

MATERIALS USED	
MATERIAL	QUANTITY

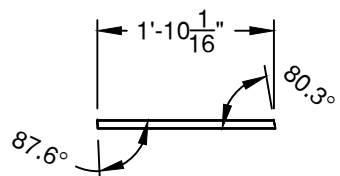
SCRAP USED	
MATERIAL	QUANTITY

SCALE: AS NOTED

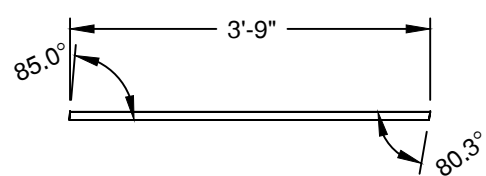
2001



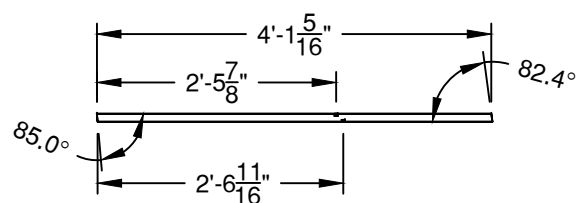
1 FRONT VIEW
2002 HOLE SIZE IS 7/16" (CENTERED) 1/2"=1'-0"
DO NOT DRILL HOLES THROUGH



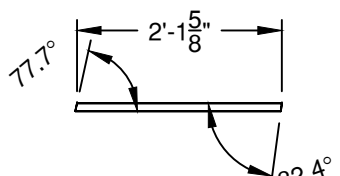
2 FRONT VIEW
2002 1/2"=1'-0"



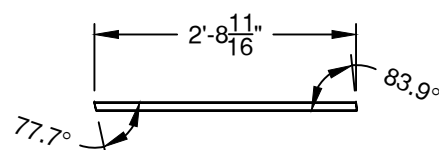
3 FRONT VIEW
2002 1/2"=1'-0"



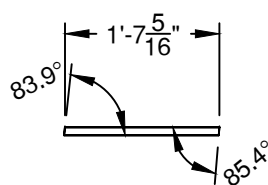
4 FRONT VIEW
2002 HOLE SIZE IS 7/16" (CENTERED) 1/2"=1'-0"
DO NOT DRILL HOLES THROUGH



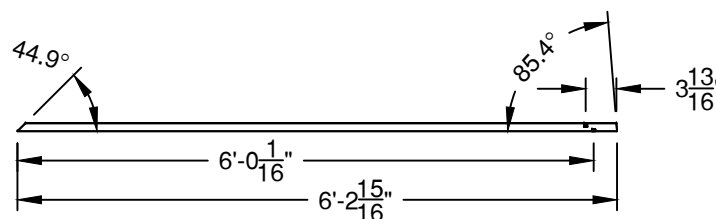
5 FRONT VIEW
2002 1/2"=1'-0"



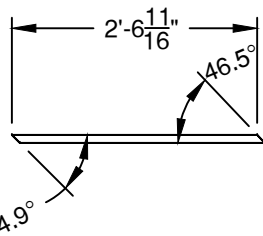
6 FRONT VIEW
2002 1/2"=1'-0"



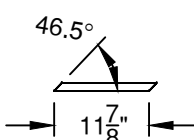
7 FRONT VIEW
2002 1/2"=1'-0"



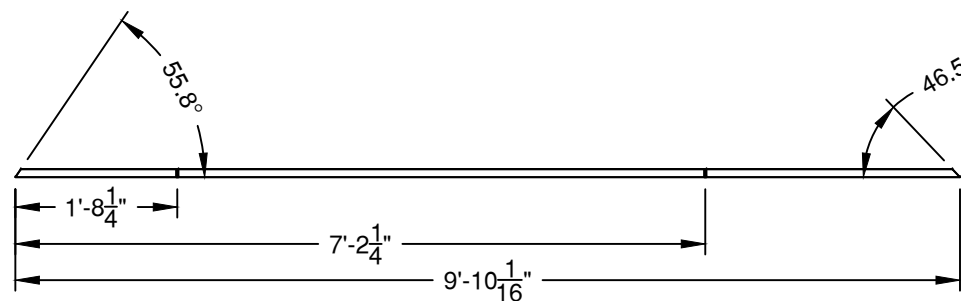
8 FRONT VIEW
2002 HOLE SIZE IS 7/16" (CENTERED) 1/2"=1'-0"
DO NOT DRILL HOLES THROUGH



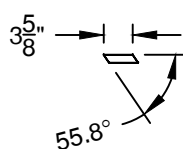
9 FRONT VIEW
2002 1/2"=1'-0"



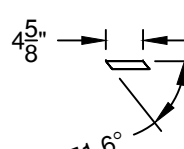
10 FRONT VIEW
2002 1/2"=1'-0"



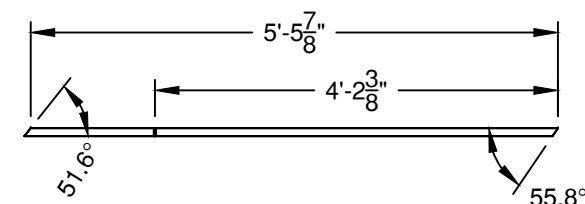
11 FRONT VIEW
2002 HOLE SIZE IS 5/16" (CENTERED) 1/2"=1'-0"
COUNTERSINK THE BOTTOM



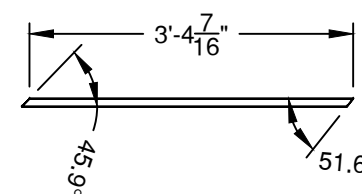
12 FRONT VIEW
2002 1/2"=1'-0"



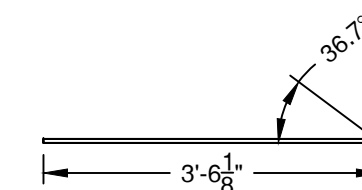
14 FRONT VIEW
2002 1/2"=1'-0"



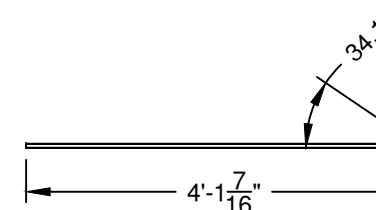
13 FRONT VIEW
2002 HOLE SIZE IS 5/16" (CENTERED) 1/2"=1'-0"



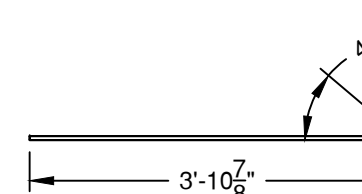
15 FRONT VIEW
2002 1/2"=1'-0"



16 FRONT VIEW
2002 1/2" x .065 SQ. TUBE 1/2"=1'-0"



17 FRONT VIEW
2002 1/2" x .065 SQ. TUBE 1/2"=1'-0"



18 FRONT VIEW
2002 1/2" x .065 SQ. TUBE 1/2"=1'-0"

MEGAMIX SIGN

CUT LIST

DIRECTOR:	BRAD CARROL
DESIGNER:	JASON LAJKA
TECH. DIRECTOR:	T. FAGERHOLM
DWG. BY:	MDB
DATE:	5/23/2019
INVENTORY CODE:	JO-MPJ
FILE:	JO - 2000 - MPJ

BUILD TIME

DATE	HOURS (Closest ± Hour)

MATERIALS USED

MATERIAL	QUANTITY

SCRAP USED

MATERIAL	QUANTITY

SCALE: AS NOTED