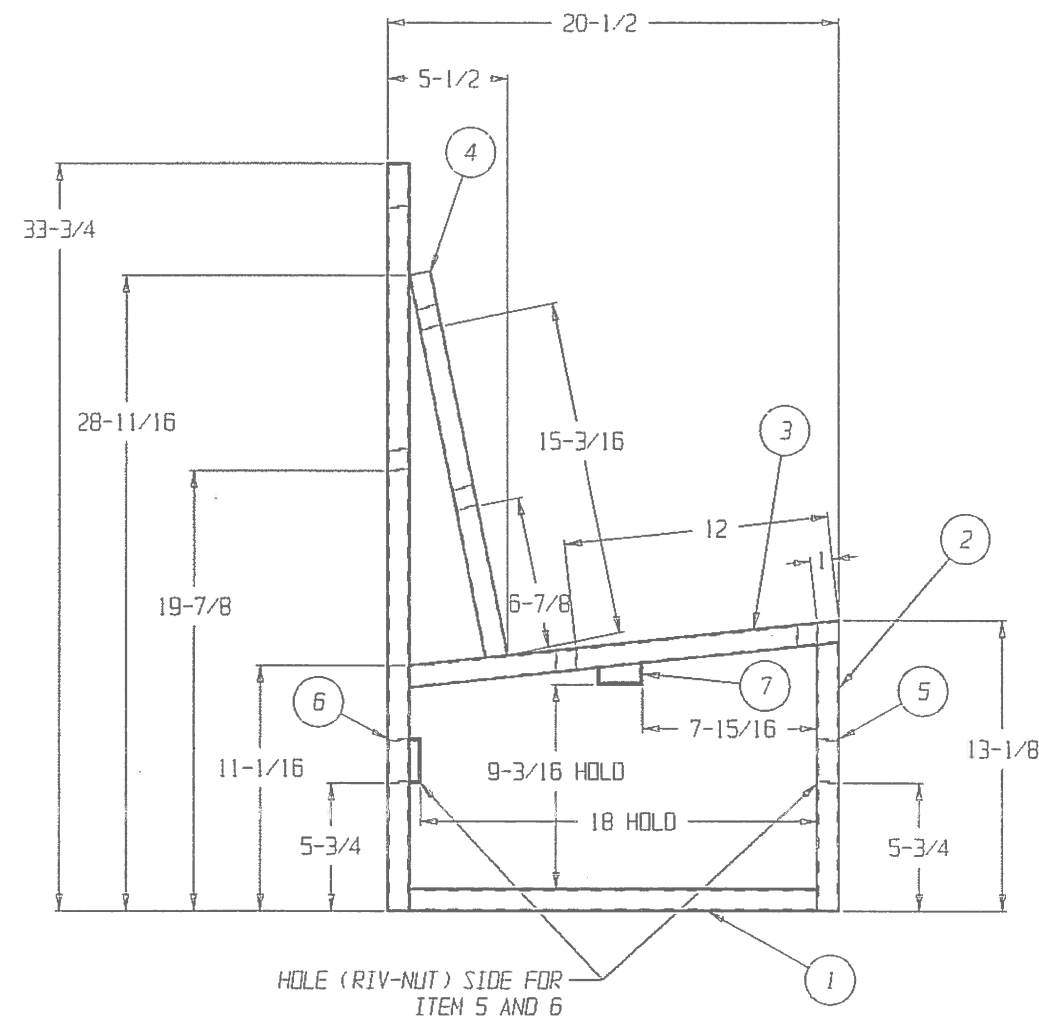
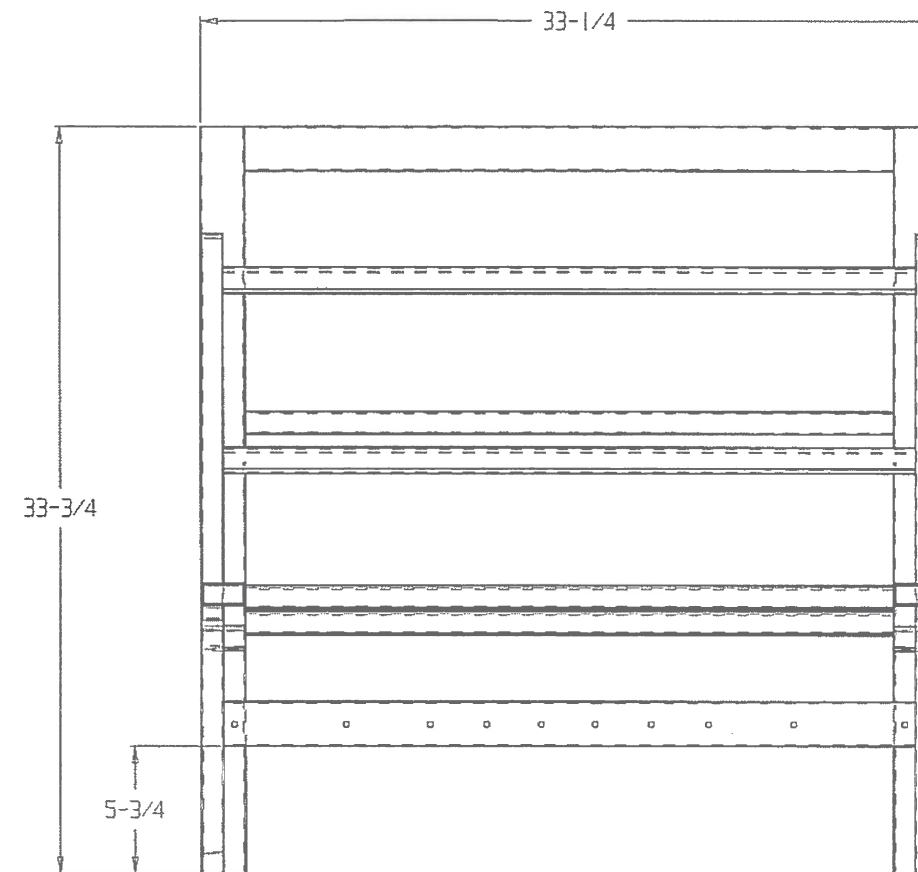


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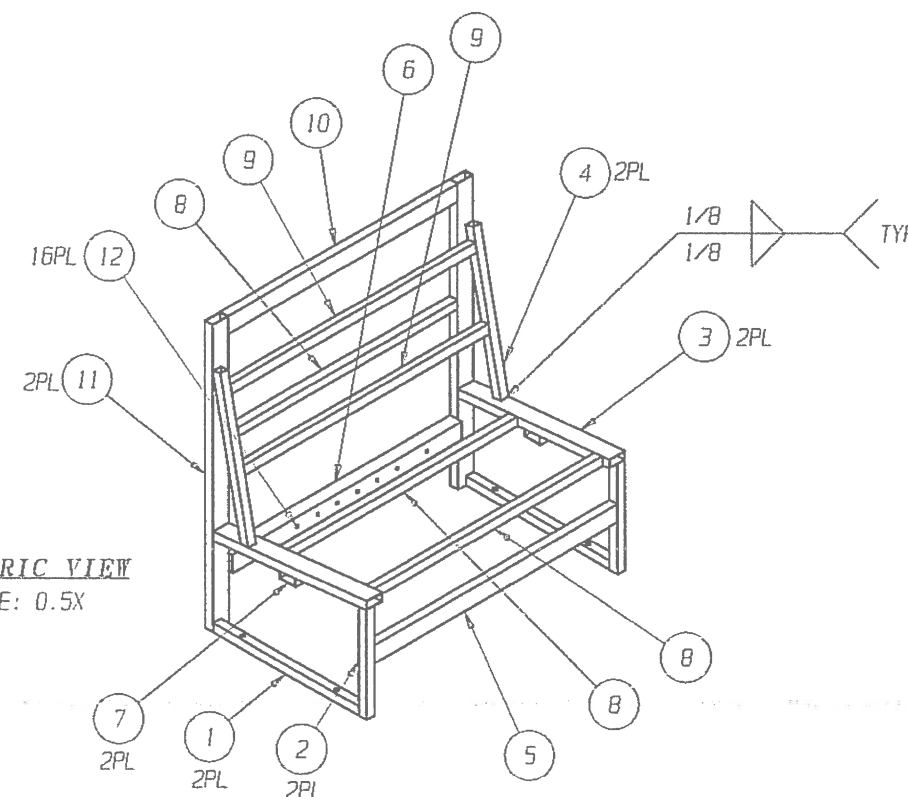
REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	23DEC04



FRONT VIEW
PART# 7820605F



SIDE VIEW



ISOMETRIC VIEW
SCALE: 0.5X

END PROFILE TEMPLATE
PROVIDED BY CRM.

- NOTES:**
- FOR BILL OF MATERIALS SEE AR16161A1001
 - DO NOT SCALE DRAWING
 - WELD PROCESS: GMAW

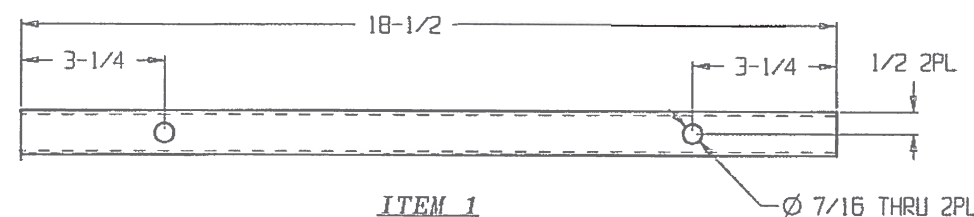
DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

APPROVED

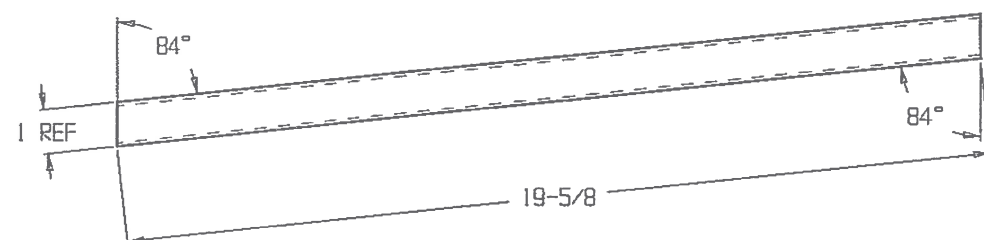
COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: BHH	CHECKED BY: <i>[Signature]</i>
DINING SINGLE SEAT FRAME SUB-ASSEMBLY	APPROVED BY: <i>[Signature]</i>
MODEL: AR16161A1001	DATE: 23DEC04
NEXT: -	WBS: 16-1 DWG#: AR1A161A1001A

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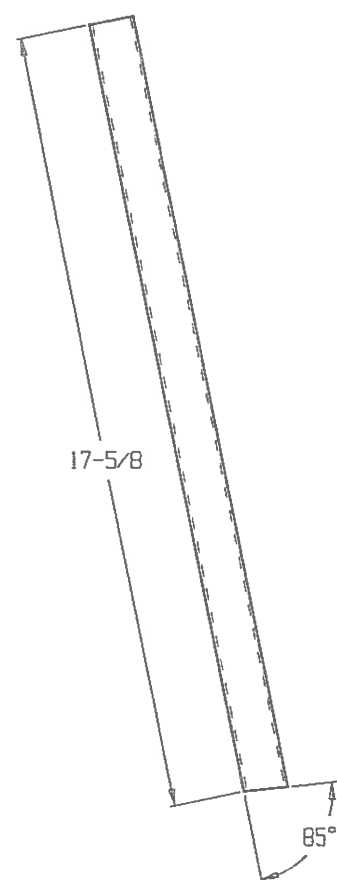
REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	23DEC04



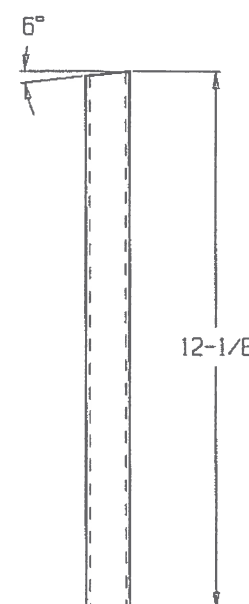
ITEM 1
FROM DWG: ARIA16IA1001,1009
MATERIAL: 1" X 1" X 16GA
A36 MILD STEEL TUBE
km2 1/10/05



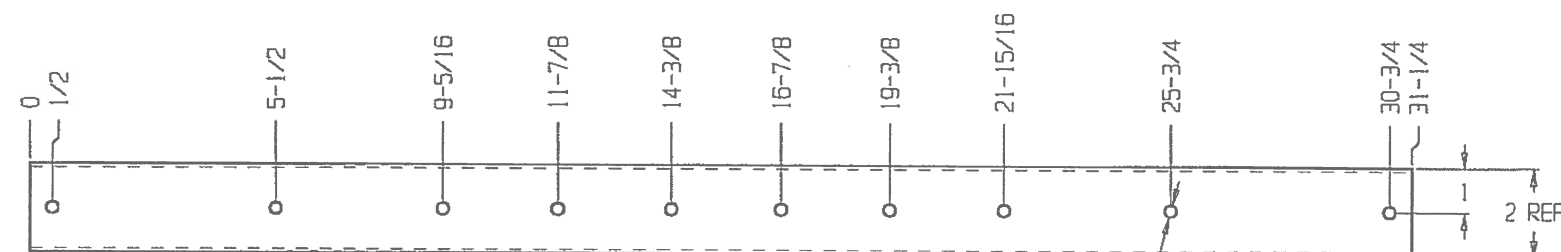
ITEM 3
FROM DWG: ARIA16IA1001,1009
MATERIAL: 2" X 1" X 16GA
A36 MILD STEEL TUBE
km2 1/10/05



ITEM 4
FROM DWG: ARIA16IA1001,1009
MATERIAL: 1" X 1" X 16GA
A36 MILD STEEL TUBE
km2 1/10/05



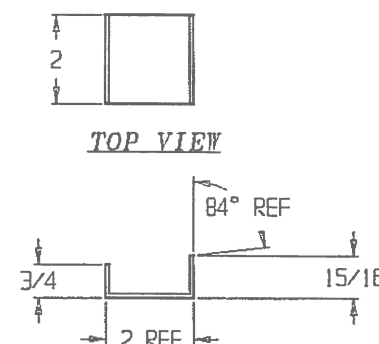
ITEM 2
FROM DWG: ARIA16IA1001,1009
MATERIAL: 1" X 1" X 16GA
A36 MILD STEEL TUBE
km2 1/10/05



ITEM 5
FROM DWG: ARIA16IA1001
MATERIAL: 2" X 1" X 16GA
A36 MILD STEEL TUBE



ITEM 6
FROM DWG: ARIA16IA1001
MATERIAL: 2" X 1" X 16GA
A36 MILD STEEL TUBE



ITEM 7
FROM DWG: ARIA16IA1001
MATERIAL: 2" X 2" X 16GA
A36 MILD STEEL TUBE

NOTES:

1. FOR BILL OF MATERIALS SEE ARIA16IA1001
2. DO NOT SCALE DRAWING

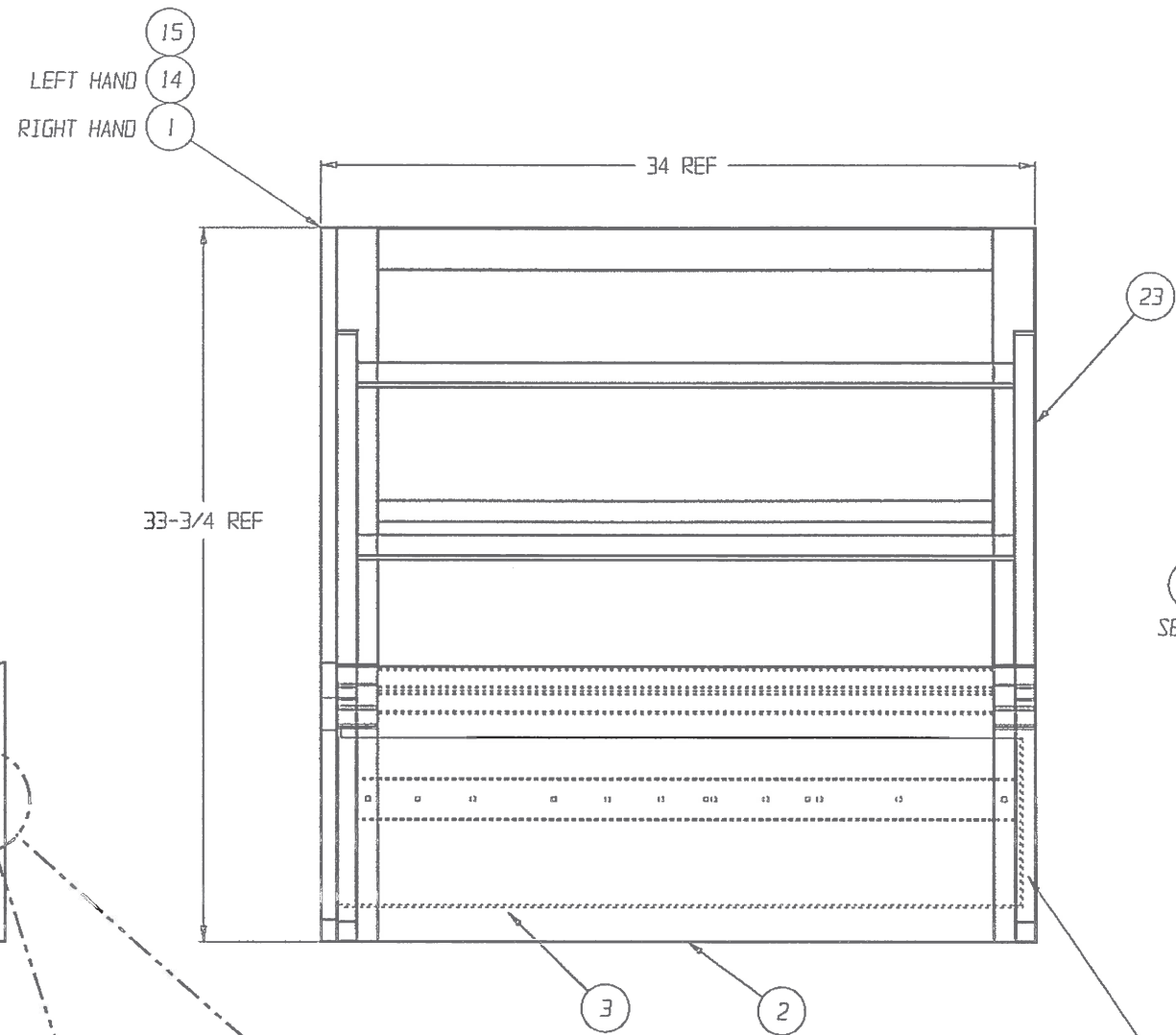
DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

APPROVED

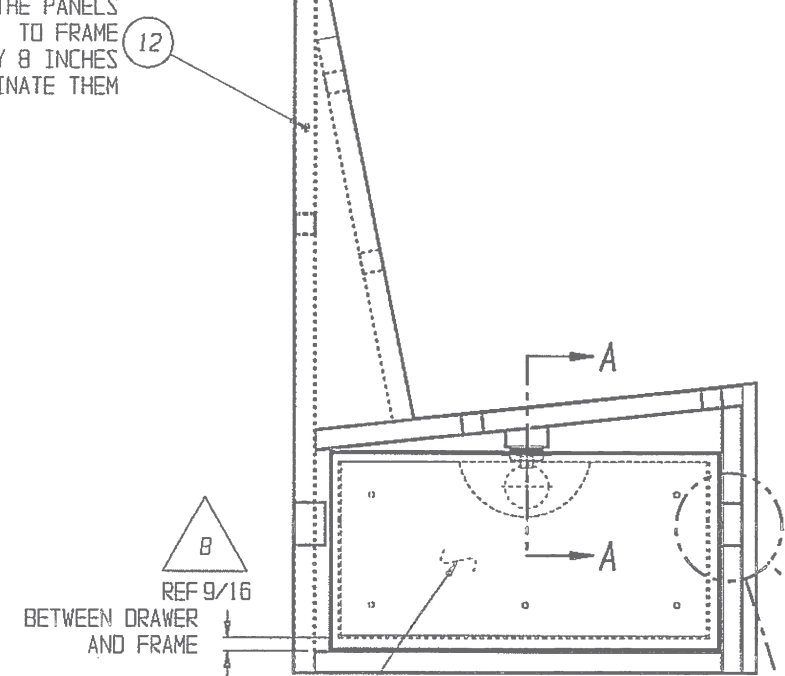
COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/2"=1"
DRAFTED BY: BHH	
CHECKED BY: 1/10/05	
APPROVED BY: 1/10/05	
MODEL: ARIA16IA1001	
NEXT: -	WBS: 13-1 DWG#: ARIA16IA1003A

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REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	03JAN05
B	MOVED DRAWER 3/16" UPWARD INCREASED LENGTH OF ITEM 10	BHH	20DEC06
C	CLARIFIED QTY'S OF SUB-ASSYS	SPF	24OCT07



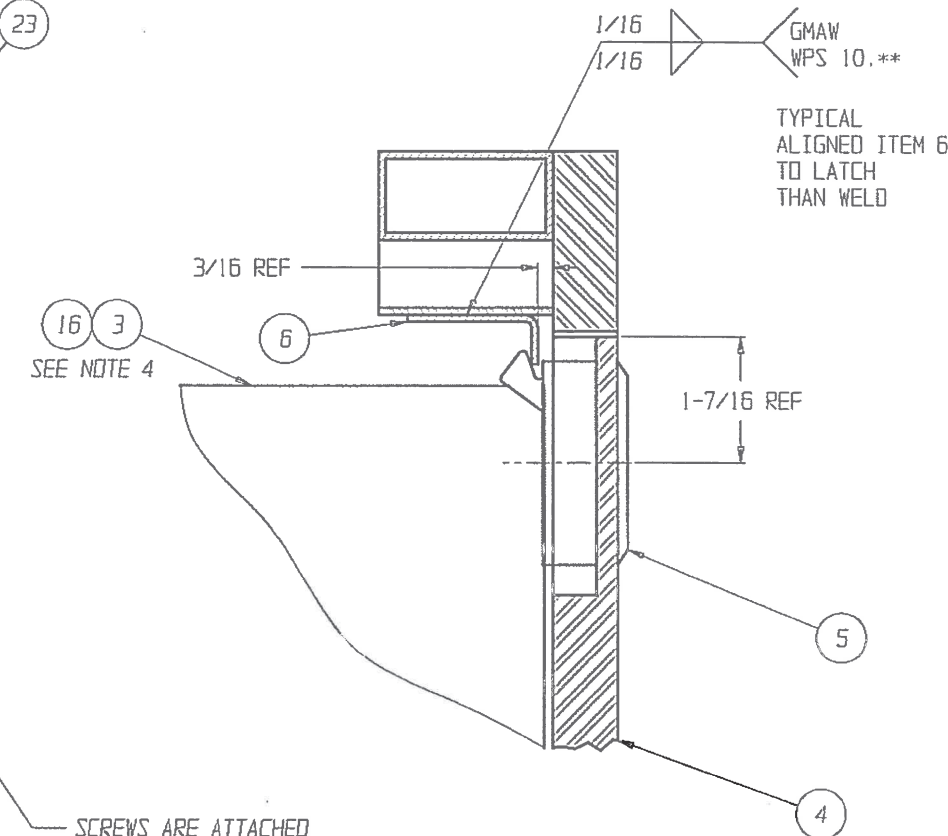
SCREW THE PANELS TO FRAME ON EVERY 8 INCHES THAN LAMINATE THEM



FRONT VIEW

RIGHT HAND SHOWN

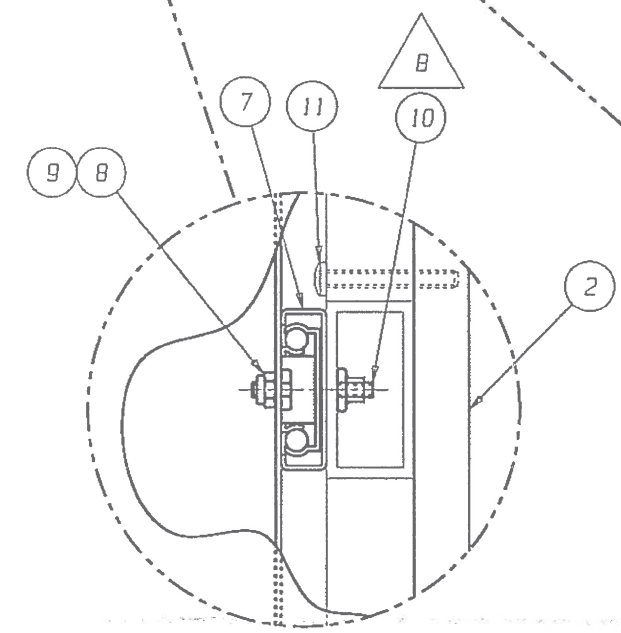
SCREWS ARE ATTACHED FROM INSIDE OF DRAWER (ITEM 13)



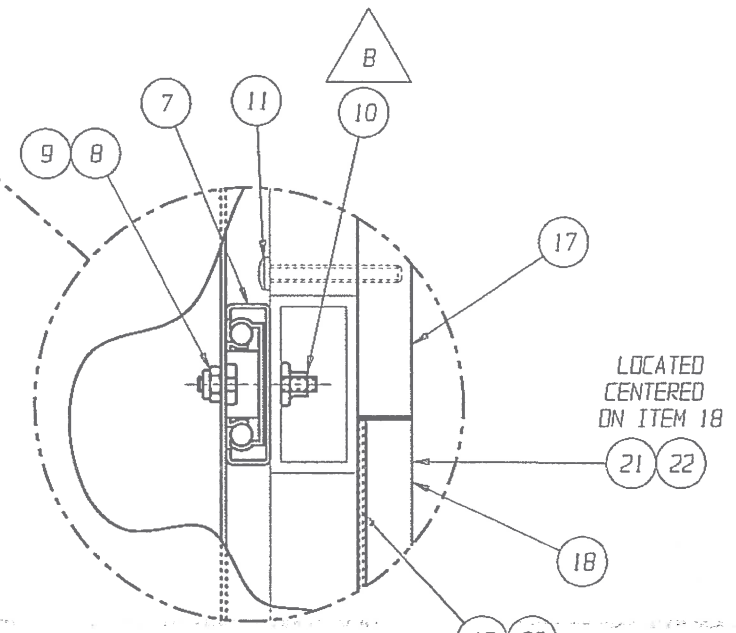
SECTION A-A
SCALE: 4X

SCREWS ARE ATTACHED FROM INSIDE OF SEAT (ITEM 11)

CAR SET SUB-ASSY QTY'S	
QTY	DESCRIPTION
SA1 - 3	RIGHT HAND W/ REG DRAWER
SA2 - 1	RIGHT HAND W/ SHORTER DRAWER
SA3 - 1	RIGHT HAND W/ NO DRAWER
SA4 - 3	LEFT HAND W/ REG DRAWER
SA5 - 2	LEFT HAND W/ NO DRAWER
ASSYS W/ NO DRAWER STILL GET FALSE DRAWER FRONT W/ LATCH	



SCALE: 4X
TYPICAL



SCALE: 4X
DETAIL TYPICAL FOR ADA SEAT ONLY

LOCATED CENTERED ON ITEM 18

APPROVED

NOTES:

- FOR BILL OF MATERIALS SEE AR1P16IA1006
- DO NOT SCALE DRAWING
- FOR SEAT INSTALL INSTRUCTIONS SEE AR1A16IA1011

DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

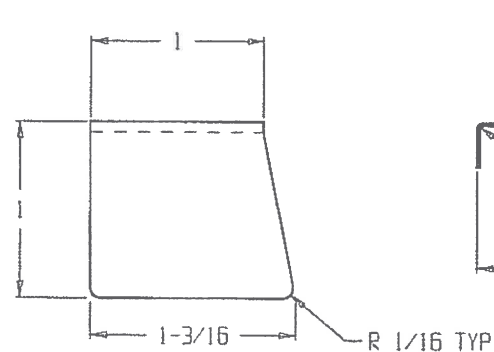
COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2008	
RAILCAR(S): TYPE 1	SCALE (O): 1/4"=1"
DRAFTED BY: BHH	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
MODEL: AR1M16IA1001	
NEXT: -	WBS: 16-1
DWG#: AR1A16IA1006C	

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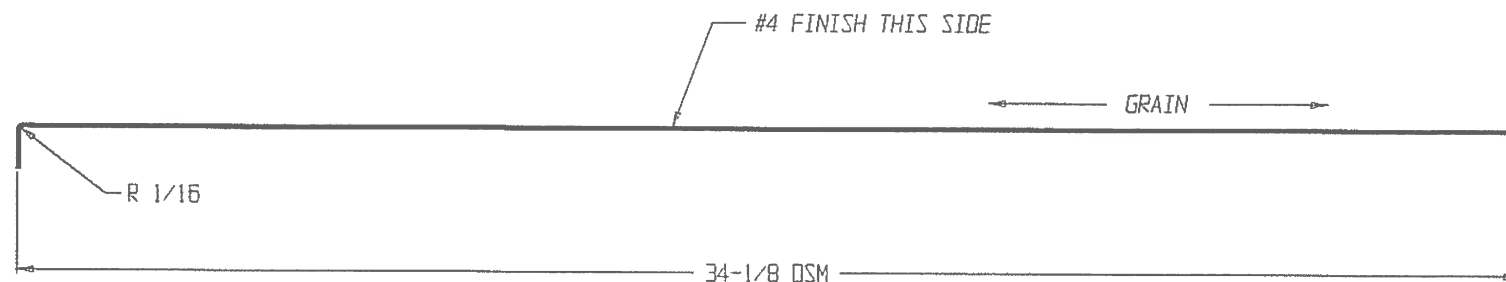
REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	KNZ	31MAR05



TOP VIEW



SIDE VIEW
SCALE: 4X

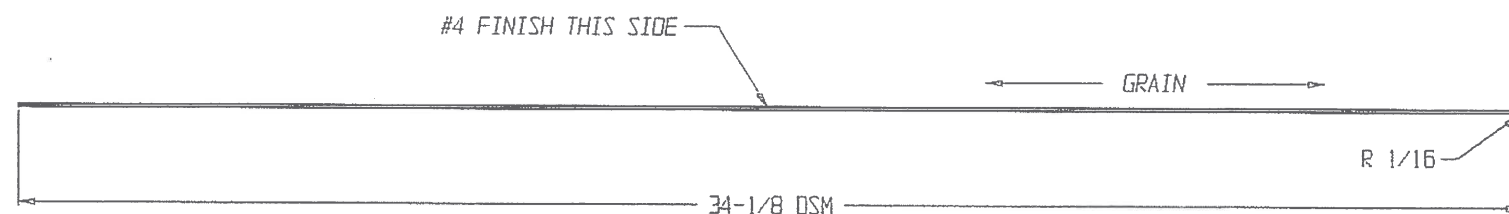


FRONT VIEW

PART NO. 7820711F
MATERIAL: 16GA T304 SST #4 FINISH ONE SIDE

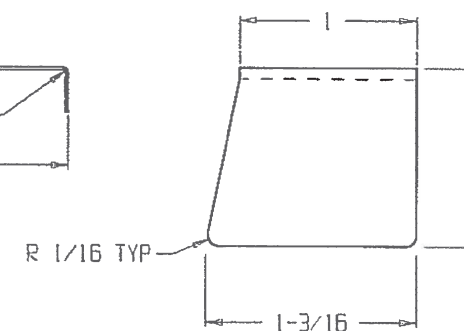


TOP VIEW



FRONT VIEW

PART NO. 7820712F
MATERIAL: 16GA T304 SST #4 FINISH ONE SIDE



SIDE VIEW
SCALE: 4X

NOTES:

- FOR BILL OF MATERIALS, SEE AR16161A1006
- DO NOT SCALE DRAWING

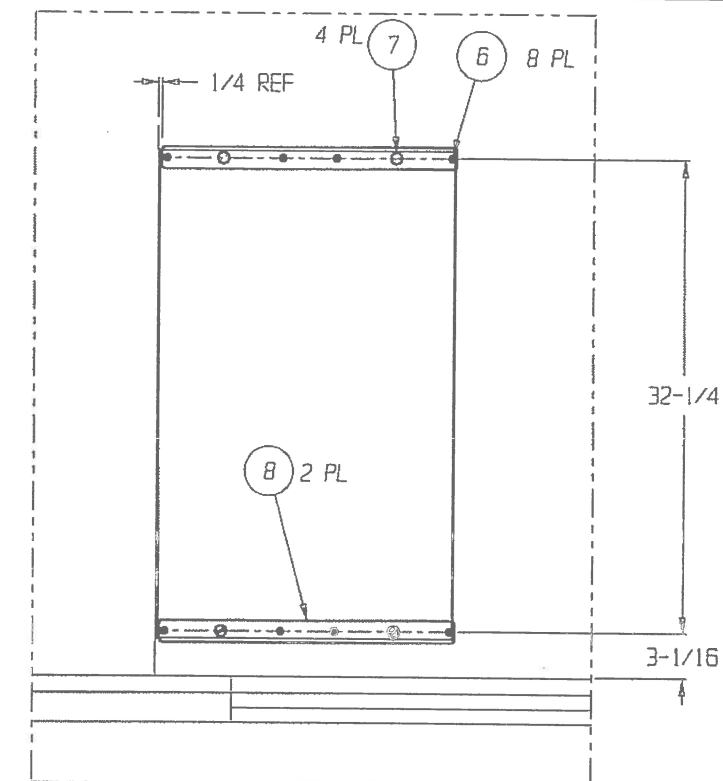
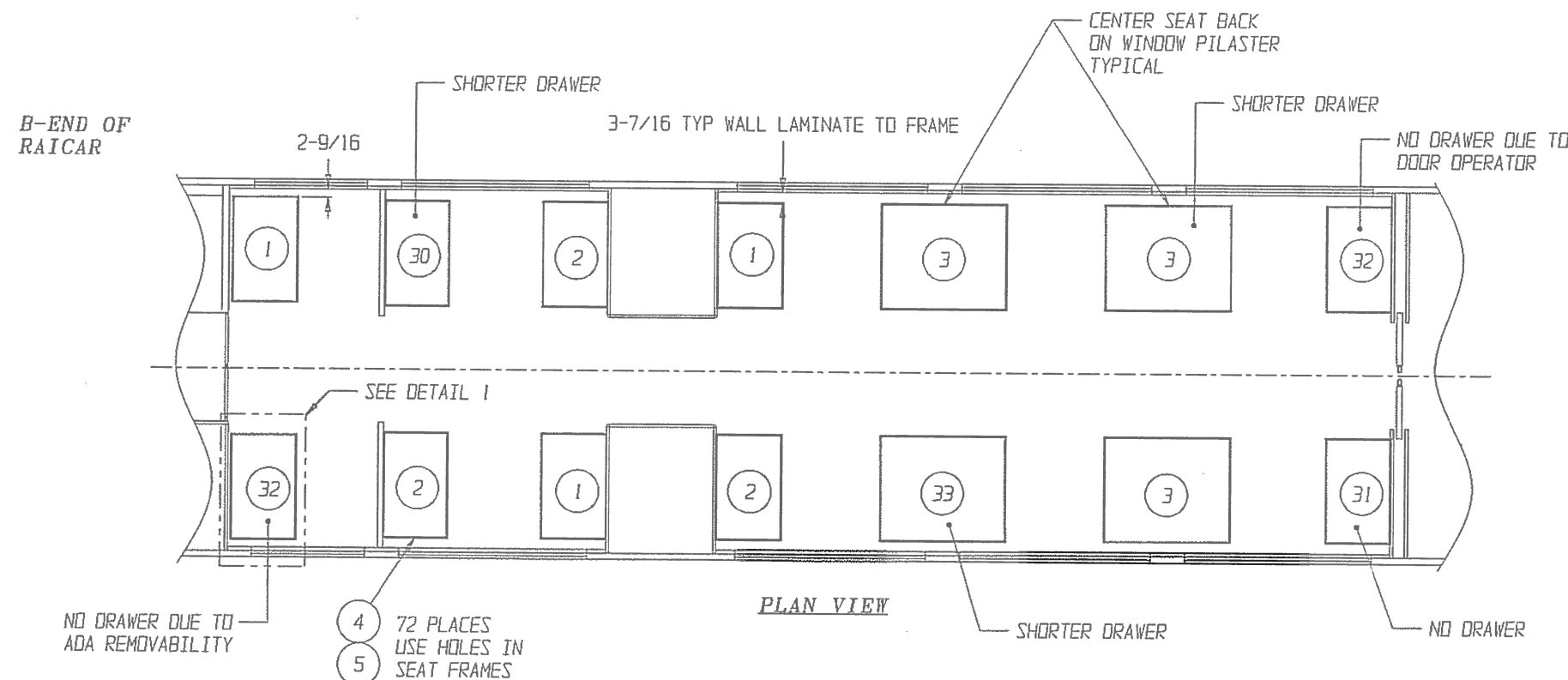
DIMENSION TOLERANCE = $\pm 1/16$ "
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64$ "
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: SPF	CHECKED BY: <i>[Signature]</i>
DINING SINGLE SEAT TRIM FABRICATION	APPROVED BY: <i>[Signature]</i>
	MODEL: ---

APPROVED

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REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	04JAN05
B	ADD SEAT TOP TRIM	KMZ	31MAR05
C	ADDED MODESTY PANEL INSTALL	DRZ	21OCT06
D	UPDATED ITEM 7	JGM	29MAR07
E	CLARIFIED SUB-ASSY QTY'S, FIXED ERRORS	SPF	25OCT07



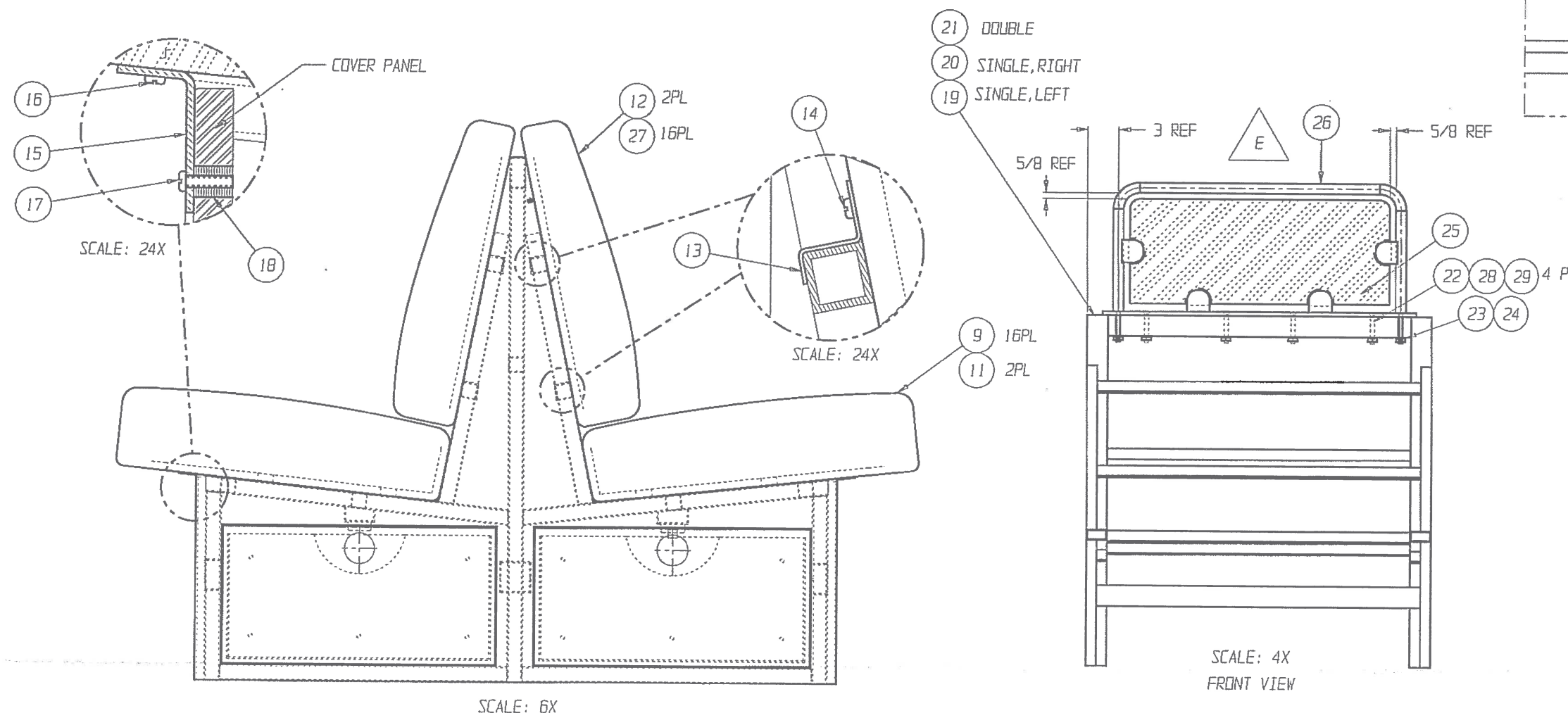
DETAIL 1
ADA SEAT MOUNTING DETAIL
SCALE: 4X
SEAT IS NOT SHOWN
FOR CLARITY

APPROVED

NOTES:

- FOR BILL OF MATERIALS, SEE ARI1616IA1011
- DO NOT SCALE DRAWING
- ALL DIMENSIONS ARE TYPICAL
- ROUTE FLOOR TO ACCOMMODATE TAPPING PAD ON ITEM 8
- INSTALL MODESTY PANEL BEFORE INSTALLING SEAT CUSHIONS

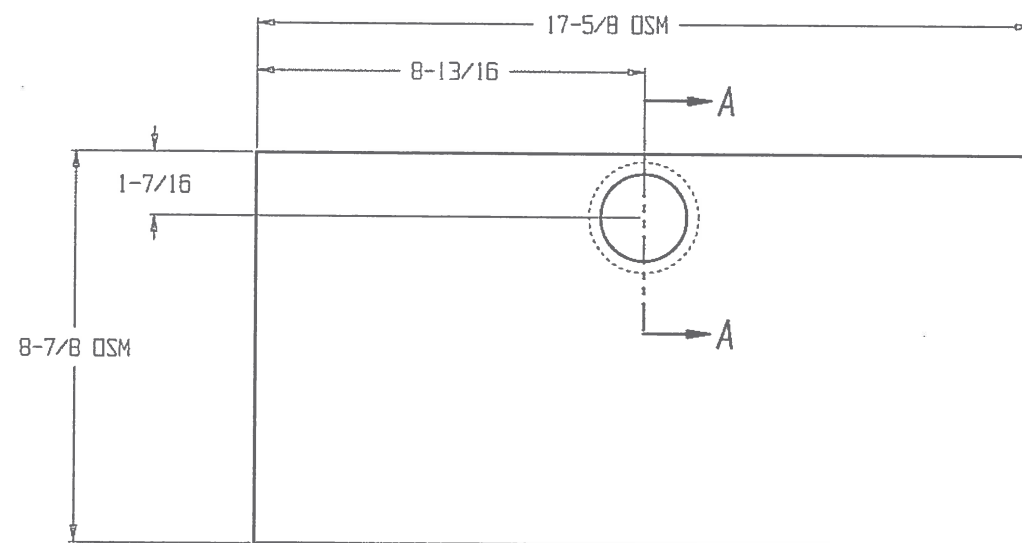
DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
UNLESS OTHERWISE SPECIFIED



COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2008	
RAILCAR(S): TYPE 1	SCALE (D): 1/2" = 1'
DINING SEAT INSTALLATION	DRAFTED BY: BHH
	CHECKED BY: [Signature]
	APPROVED BY: [Signature]
NEXT: --	WBS: 16-1 DWG #: ARI1616IA1011E

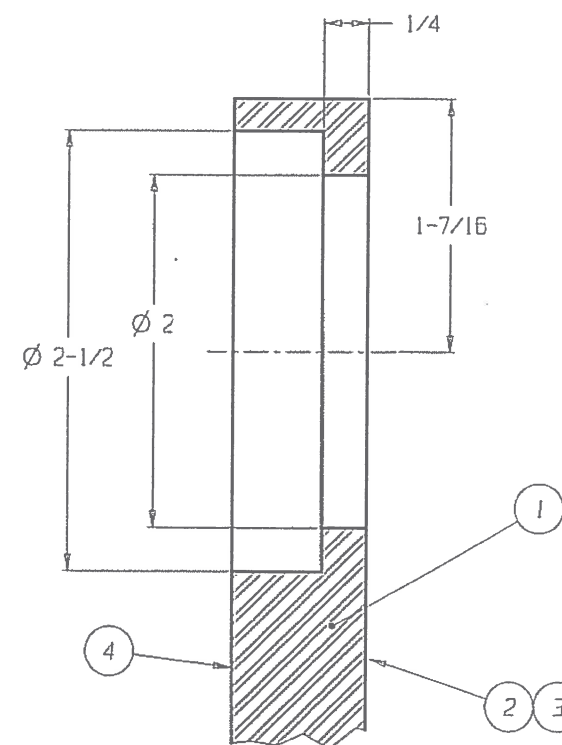
THE INFORMATION ON THIS DOCUMENT IS PROPRIETARY. RECIPIENT BY ITS RECEIPT AGREES TO KEEP THIS DATA CONFIDENTIAL IN ALL RESPECTS. INFORMATION ON THIS DOCUMENT SHALL NOT BE COPIED NOR REPRODUCED IN ANY MANNER, NOR DISCLOSED ORALLY OR IN WRITING TO ANY THIRD PARTY, WITHOUT OUR EXPRESS WRITTEN AUTHORIZATION.

REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	05JAN05
B	ADD P/N 7820710F	KMZ	31MAR05
C	UPDATED PLYWOOD CALL-OUT	SPF	26OCT07

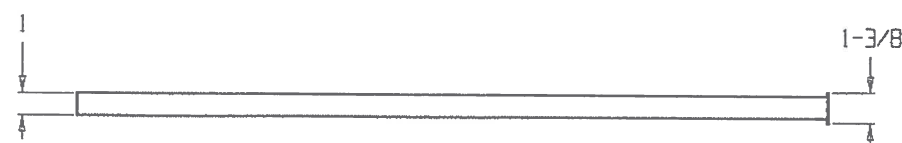


FRONT VIEW

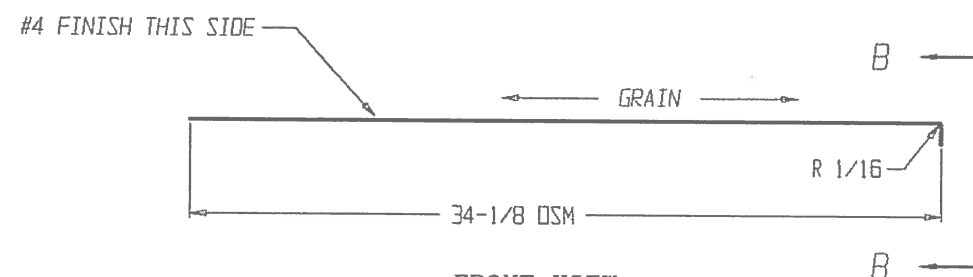
PART NO. 7820612F



SECTION A-A

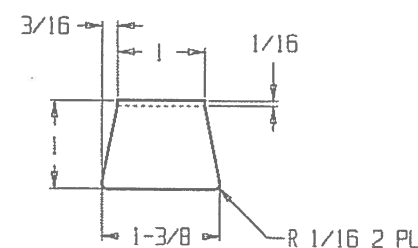


TOP VIEW



FRONT VIEW

PART NO. 7820710F
MATERIAL: 16GA T304 SST #4 FINISH ONE SIDE



SECTION B-B

SCALE: 4X

APPROVED

NOTES:

1. FOR BILL OF MATERIALS SEE AR1161A1014
2. DO NOT SCALE DRAWING

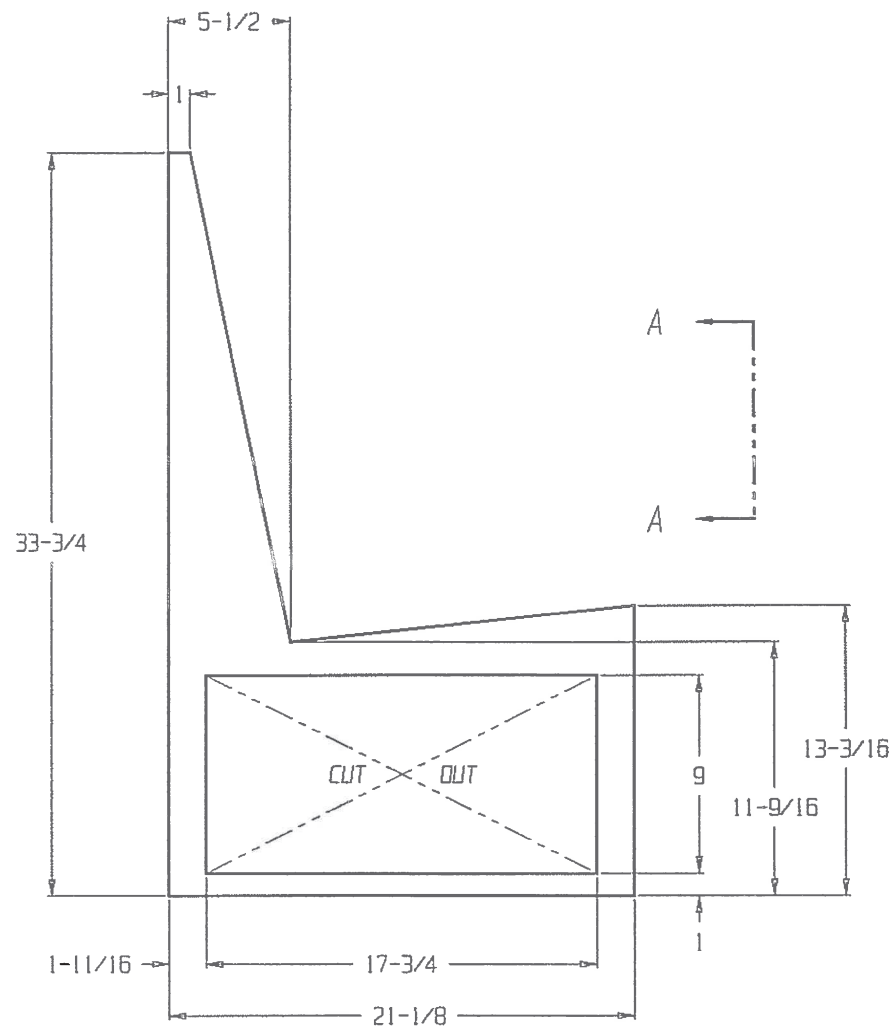
DIMENSION TOLERANCE = $\pm 1/16$ "
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64$ "
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC	
FT LUTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2008	
RAILCAR(S): TYPE 1	SCALE (D): 1/2"=1"
DRAFTED BY: BHH	CHECKED BY: 210279
DINING SEAT DRAWER AND TRIM ITEM FABRICATION	APPROVED BY: 210607
MODEL: AR1161A1001	

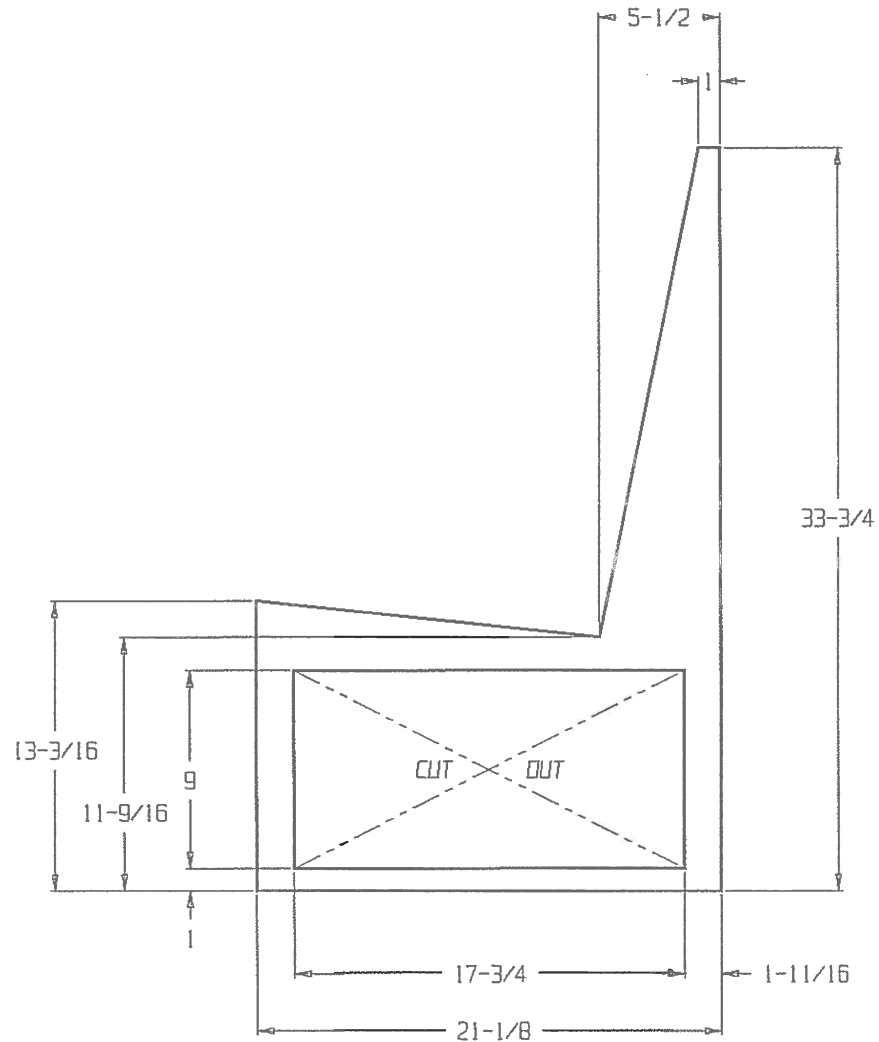
NEXT: - WBS: 16-1 DWG#: AR1A161A1014C

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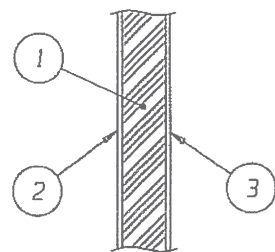
REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	05JAN05
B	UPDATED PLYWOOD CALL-OUT	SPF	26OCT07



FRONT VIEW
ITEM 1 FROM DWG ARI16IA1006
PART NO. 7820609F



FRONT VIEW
ITEM 14 FROM DWG ARI16IA1006
PART NO. 7820610F



SECTION A-A
SCALE: 4X

NOTES:

1. FOR BILL OF MATERIALS SEE ARI16IA1016
2. DO NOT SCALE DRAWING

DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

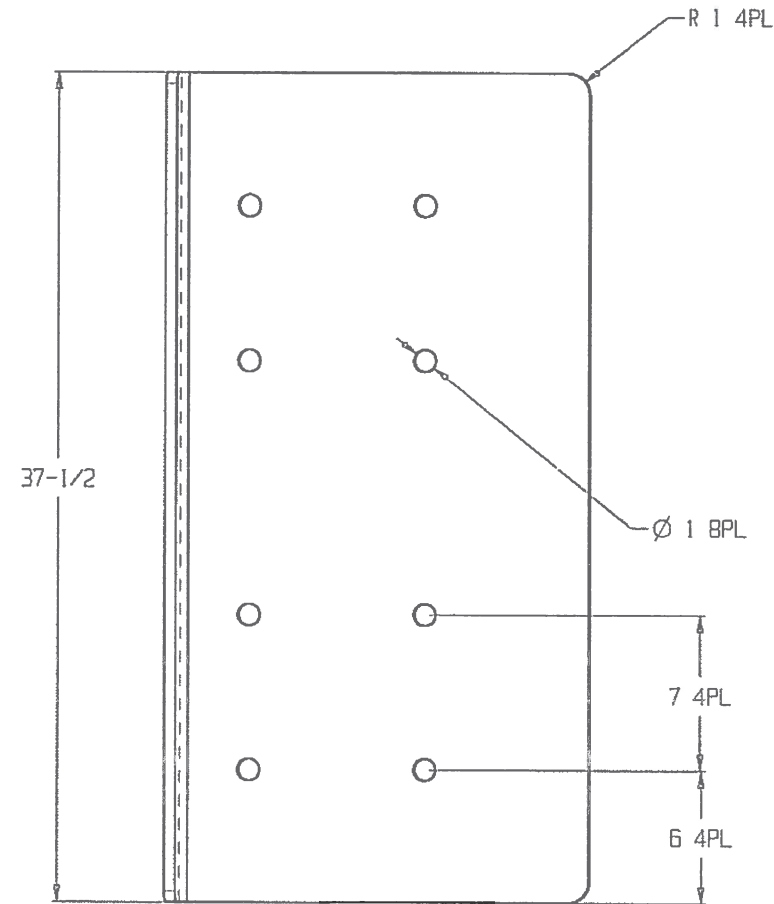
APPROVED

COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2008	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: BHH	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
MODEL: ARI16IA1001	

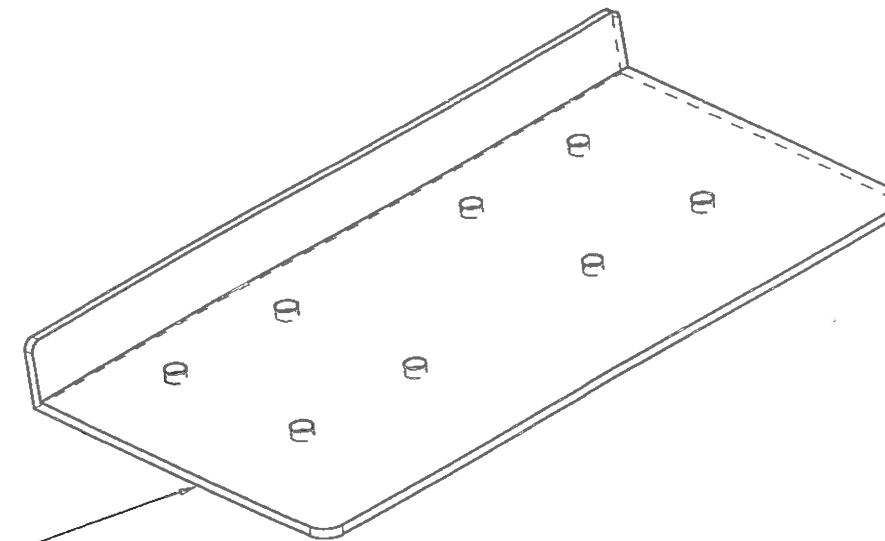
NEXT: - WBS: 16-1 DWG#: ARI16IA1016B

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REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	06JAN05

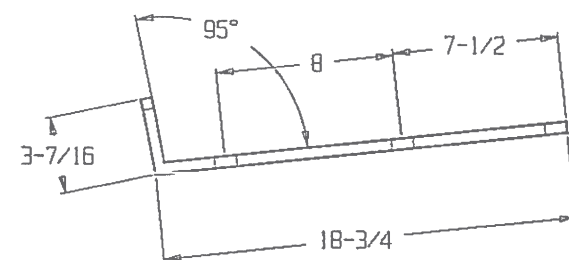


TOP VIEW



KNOCK DOWN ALL EDGES
SO THAT THERE ARE NO
SHARP EDGES

ISOMETRIC VIEW



FRONT VIEW

ITEM 1 FROM DWG ARIA16IA1021
PART NO. 7820630F
MATERIAL: 1/2" PLYWOOD LAMINATED ON
BOTTOM W/ BLACK LAMINATE

FAB FROM TWO PIECES OF PLYWOOD

NOTES:
1. DO NOT SCALE DRAWING

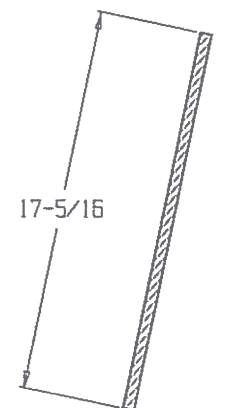
DIMENSION TOLERANCE = $\pm 1/16$ "
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64$ "
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: BHH	
CHECKED BY: JH 1-10-05	
APPROVED BY: BHH 1-20-05	
MODEL: AR16IA1001	
DINING SEAT BOTTOM CUSHION WOOD SUB-ASSEMBLY	
NEXT: --	
WBS: 16-1	DWG#: AR1A16IA1018A

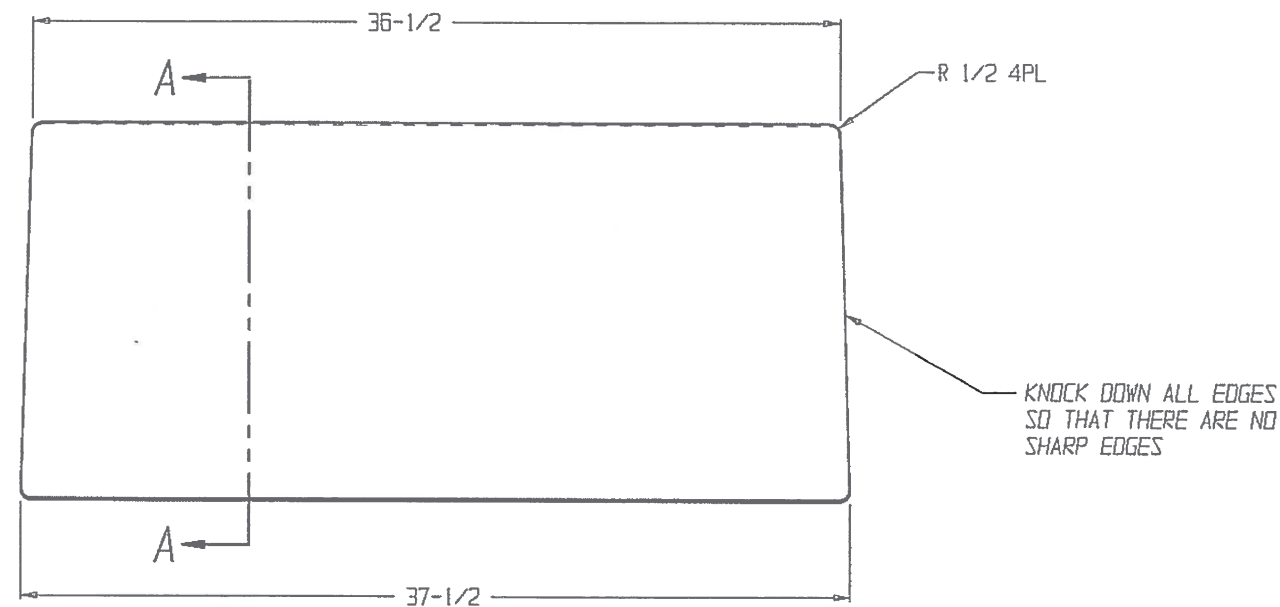
APPROVED

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REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	07JAN05

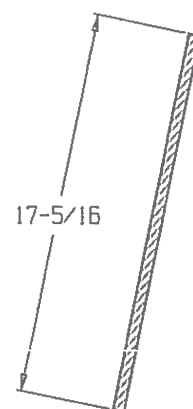


SECTION A-A

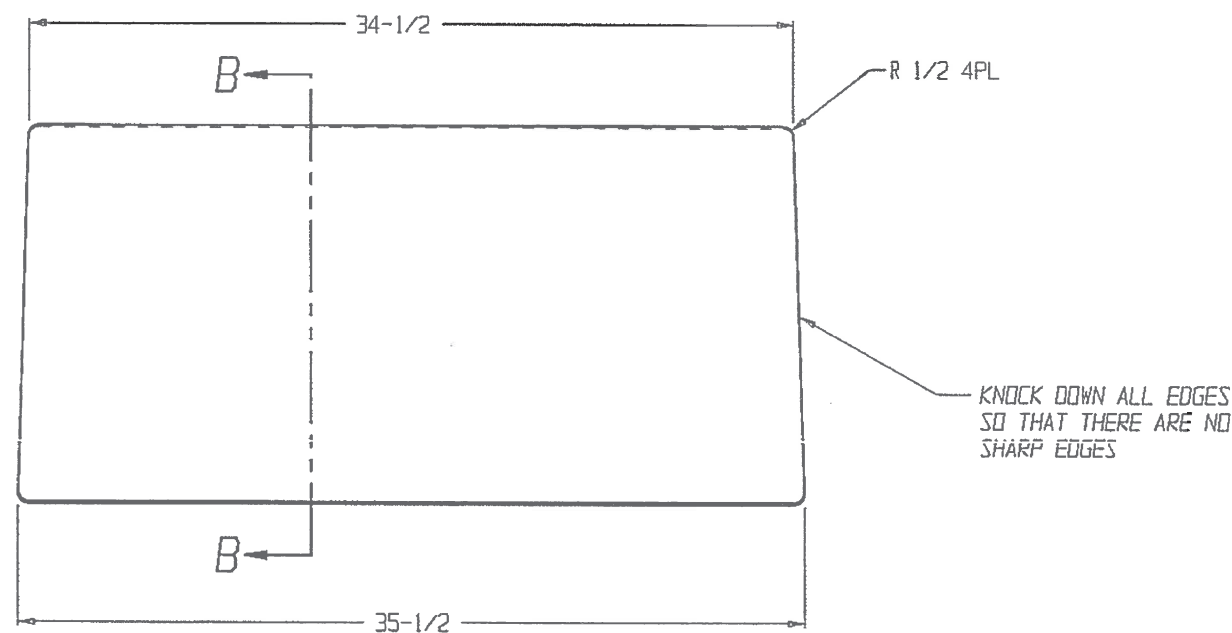


FRONT VIEW

ITEM 1 FROM DWG ARIA16IA1022
PART NO. 7820632F
MATERIAL: 1/2" PLYWOOD LAMINATED ON
BACK W/ BLACK LAMINATE



SECTION B-B



FRONT VIEW

ITEM 1 FROM DWG ARIA16IA1036
PART NO. 7820636F
MATERIAL: 1/2" PLYWOOD LAMINATED ON
BACK W/ BLACK LAMINATE

APPROVED

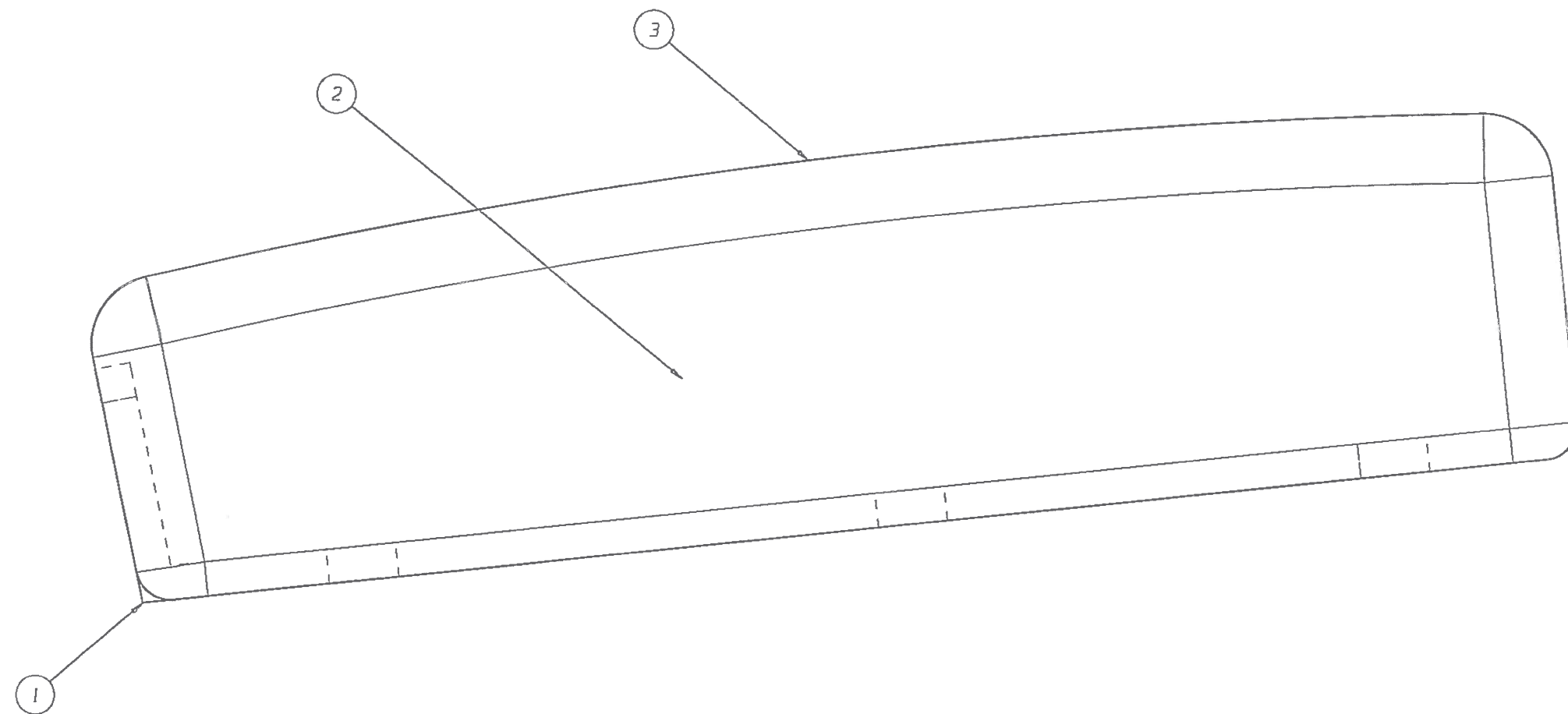
NOTES:

1. DO NOT SCALE DRAWING

DIMENSION TOLERANCE = $\pm 1/16$ "
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64$ "
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: BHH	
CHECKED BY: J.L.V.S.	
APPROVED BY: S.B.S.	
MODEL: AR16IA1001	
NEXT: -	WBS: 16-1
DWG#: ARIA16IA1020A	

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REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	06JAN05



FRONT VIEW
ITEM 2
FROM DWG ARIA16IA1011
PART NO. 7820618F

NOTES:

- 1. FOR BILL OF MATERIALS SEE ARIA16IA1021
- 2. DO NOT SCALE DRAWING

DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

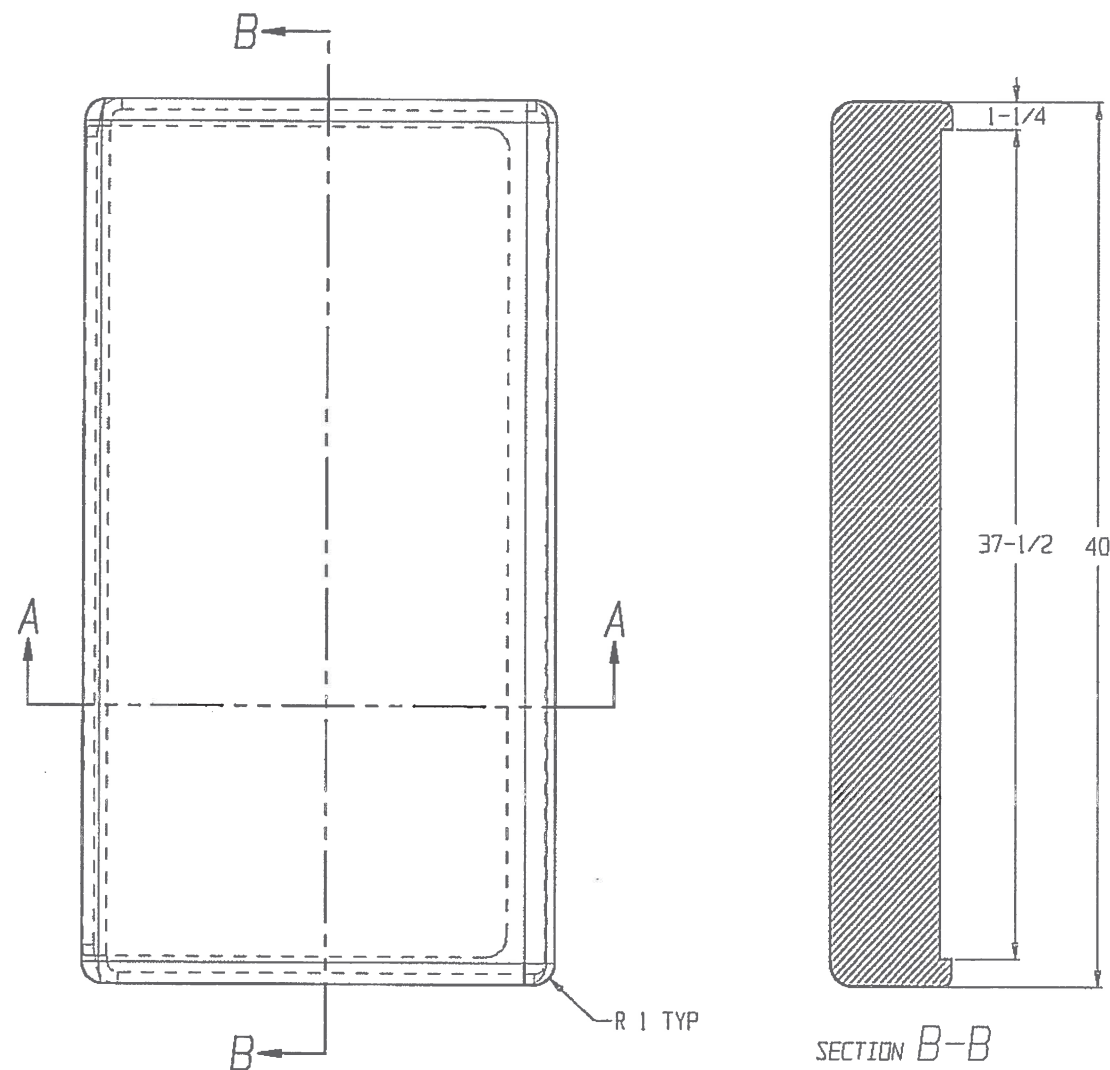
COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303 / 857 - 1056	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1"=1"
DRAFTED BY: BHH	
CHECKED BY: <i>221-70-05</i>	
APPROVED BY: <i>SPN.BQ</i>	
MODEL: ARIA16IA1001	

NEXT: " WBS: 16-1 DWG#: ARIA16IA1021A

APPROVED

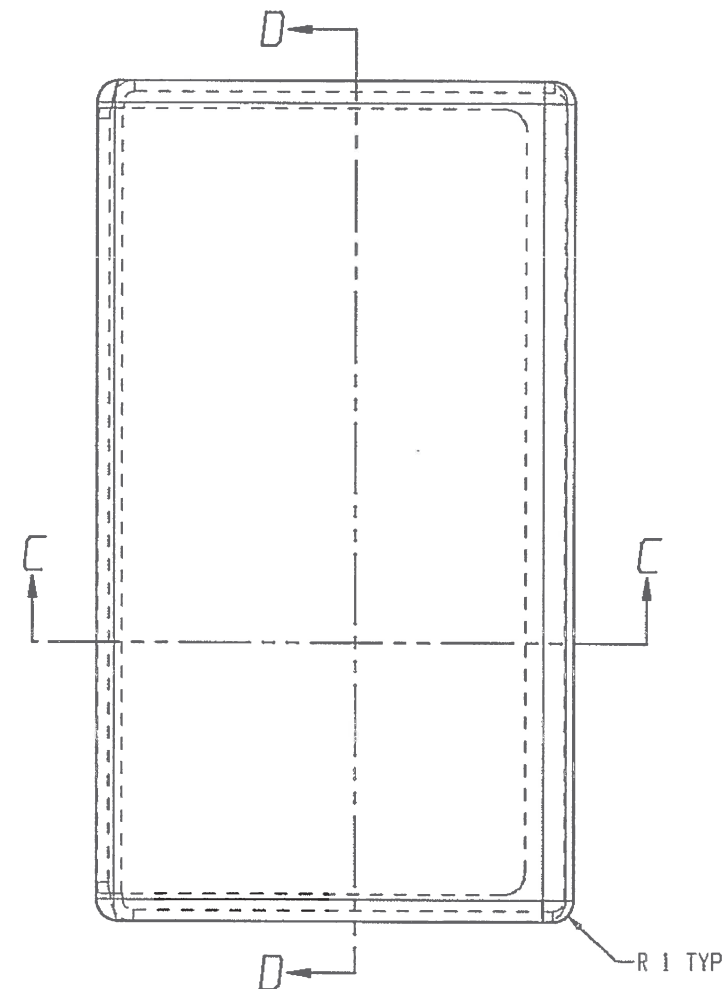
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A	PRODUCTION RELEASE	BHH	06JAN05



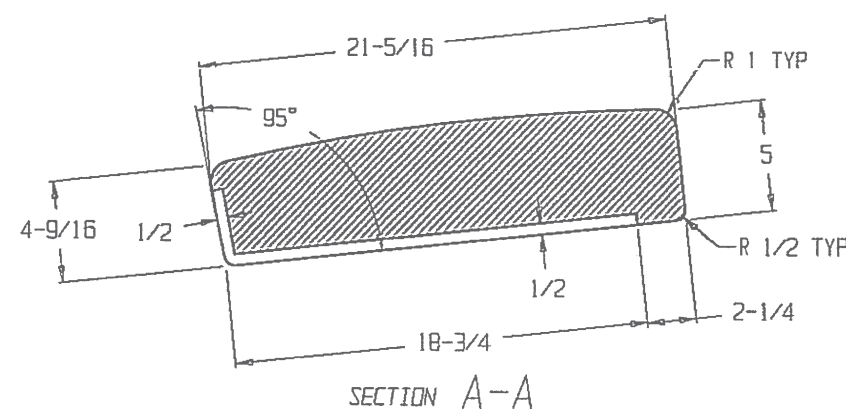
TOP VIEW

ITEM 2 FROM DWG ARI16IA1021
PART NO. 7820631F
MATERIAL: CHEST NUT RIDGE FOAM SAFEGUARD XL MEDIUM

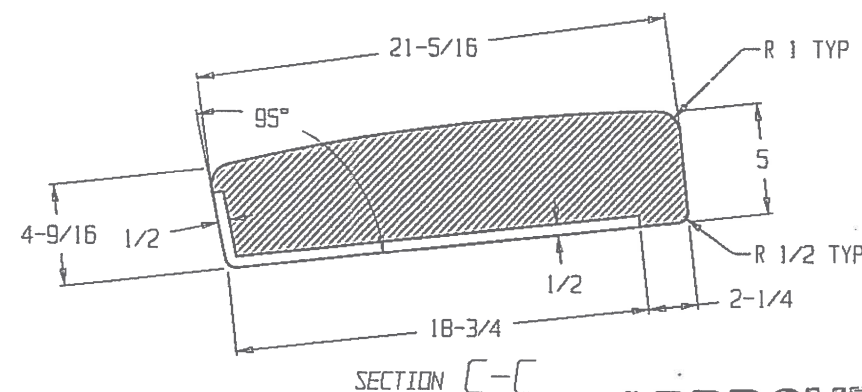


TOP VIEW

ITEM 2 FROM DWG ARI16IA1035
PART NO. 7820635F
MATERIAL: CHEST NUT RIDGE FOAM SAFEGUARD XL MEDIUM



SECTION A-A



SECTION C-C

NOTES:

1. DO NOT SCALE DRAWING

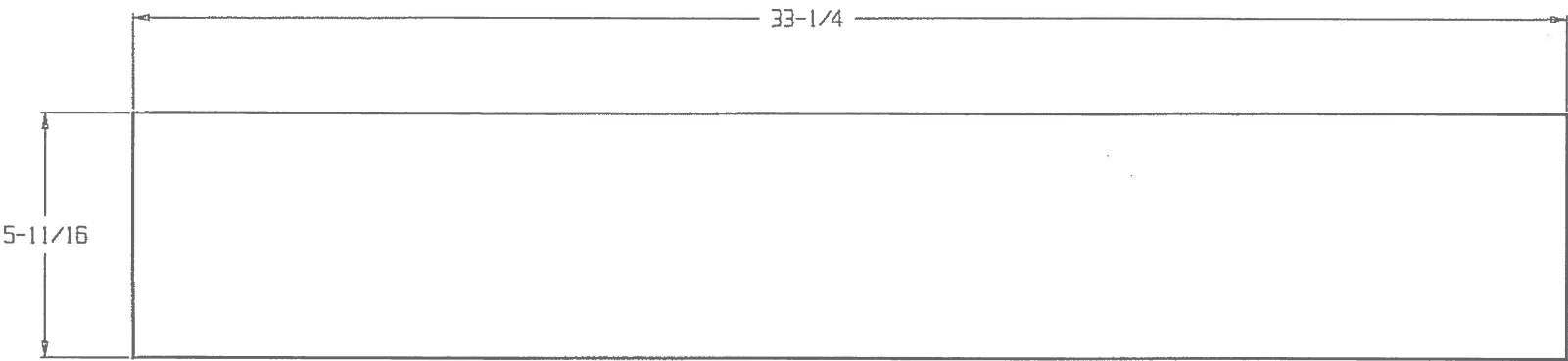
DIMENSION TOLERANCE = $\pm 1/16$ "
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64$ "
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: BHH	CHECKED BY: [Signature]
APPROVED BY: [Signature]	MODEL: AR16IA1001

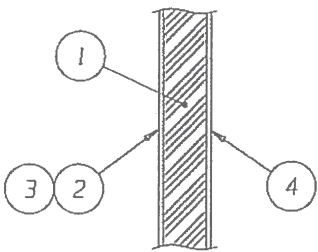
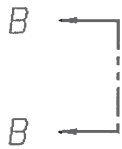
PROTOTYPE WILL BE PROVIDED TO CHESTNUT RIDGE
FOR FIRST ARTICLE FABRICATION

APPROVED

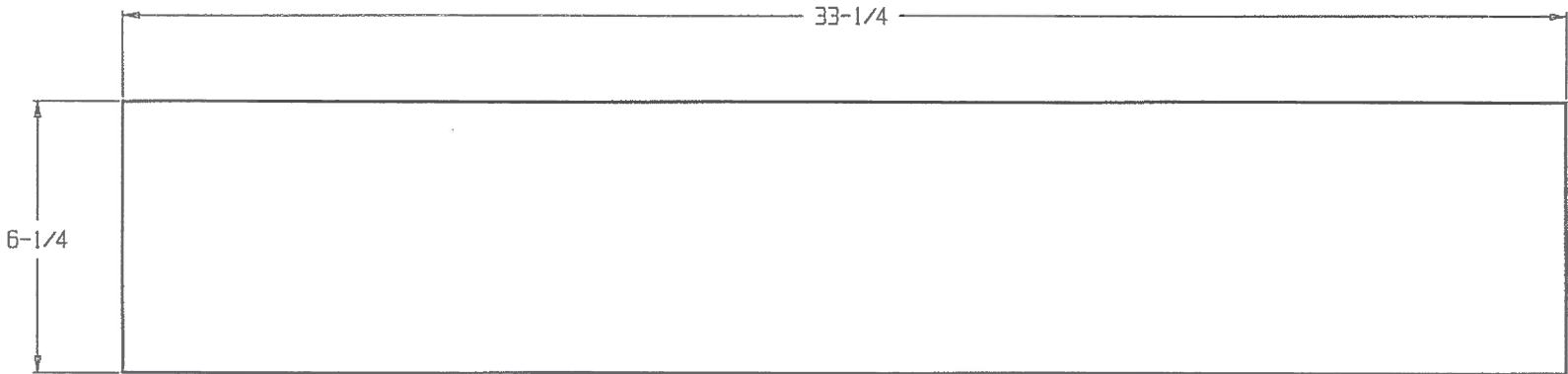
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REV	DESCRIPTION	INIT	DATE
A	PRODUCTION RELEASE	BHH	06JAN05
B	UPDATED PLYWOOD CALL-OUT	SPF	26OCT07



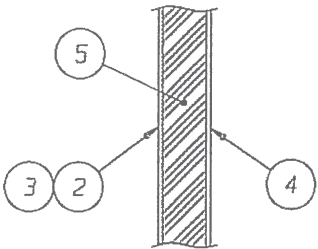
FRONT VIEW
ITEM 17 FROM DWG ARI1A16IA1006
PART NO. 7820625F



SECTION B-B
SCALE: 2X



FRONT VIEW
ITEM 18 FROM DWG ARI1A16IA1006
PART NO. 7820626F



SECTION A-A
SCALE: 2X

APPROVED

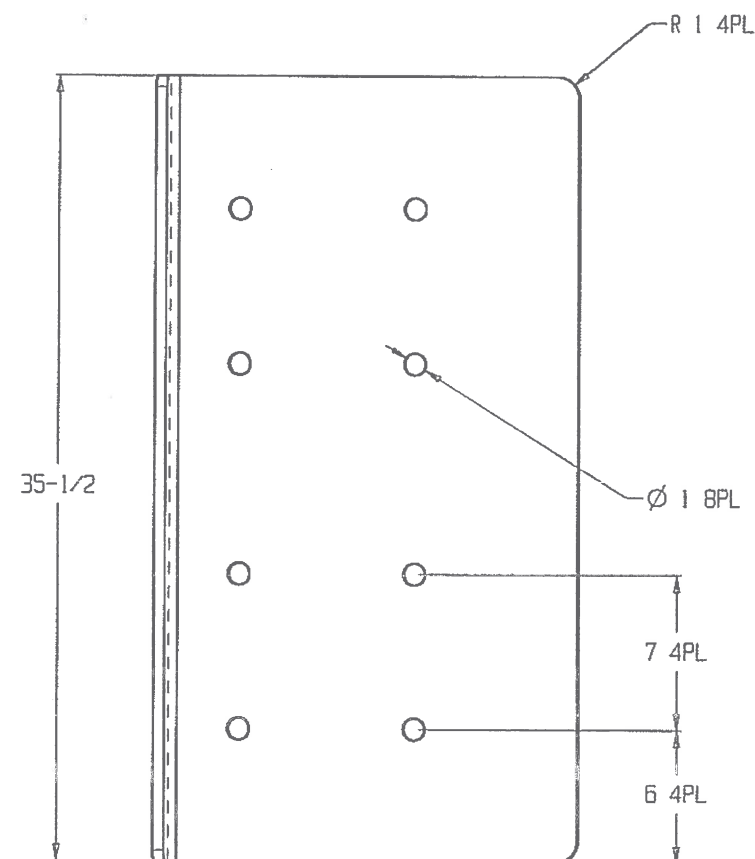
- NOTES:
- FOR BILL OF MATERIALS SEE ARI16IA1030
 - DO NOT SCALE DRAWING

DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

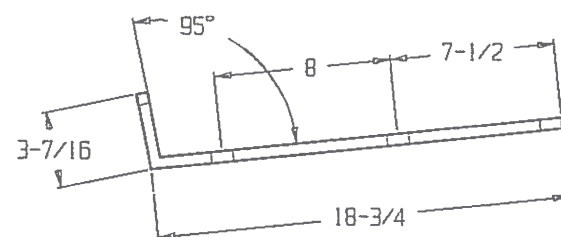
COLORADO RAILCAR MFG LLC FT LIPTON, COLORADO 303 / 857 - 1066	
PROJECT: ALASKA RR 2008	
RAILCAR(S): TYPE 1	SCALE (D): 1/2"=1"
DINING ADA SEAT TRIM ITEM FABRICATION	DRAFTED BY: BHH
	CHECKED BY: <i>[Signature]</i>
	APPROVED BY: <i>[Signature]</i>
	MODEL: ----
NEXT: --	WBS: 16-1 DWG#: ARI1A16IA1030B

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A	PRODUCTION RELEASE	BHH	07JAN05



TOP VIEW

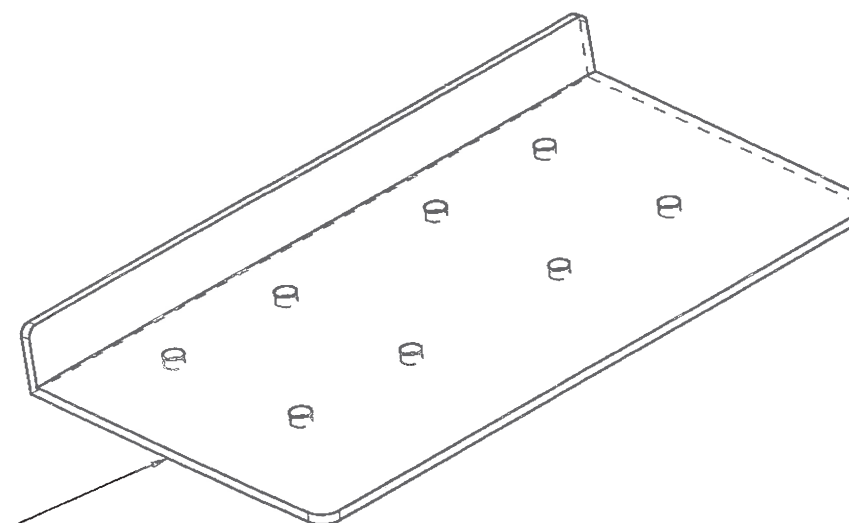


FRONT VIEW

ITEM 1 FROM DWG ARIA16IA1035
PART NO. 7820634F
MATERIAL: 1/2" PLYWOOD LAMINATED ON
BOTTOM W/ BLACK LAMINATE

FAB FROM TWO PIECES OF PLYWOOD

KNOCK DOWN ALL EDGES
SO THAT THERE ARE NO
SHARP EDGES



ISOMETRIC VIEW

NOTES:

1. DO NOT SCALE DRAWING

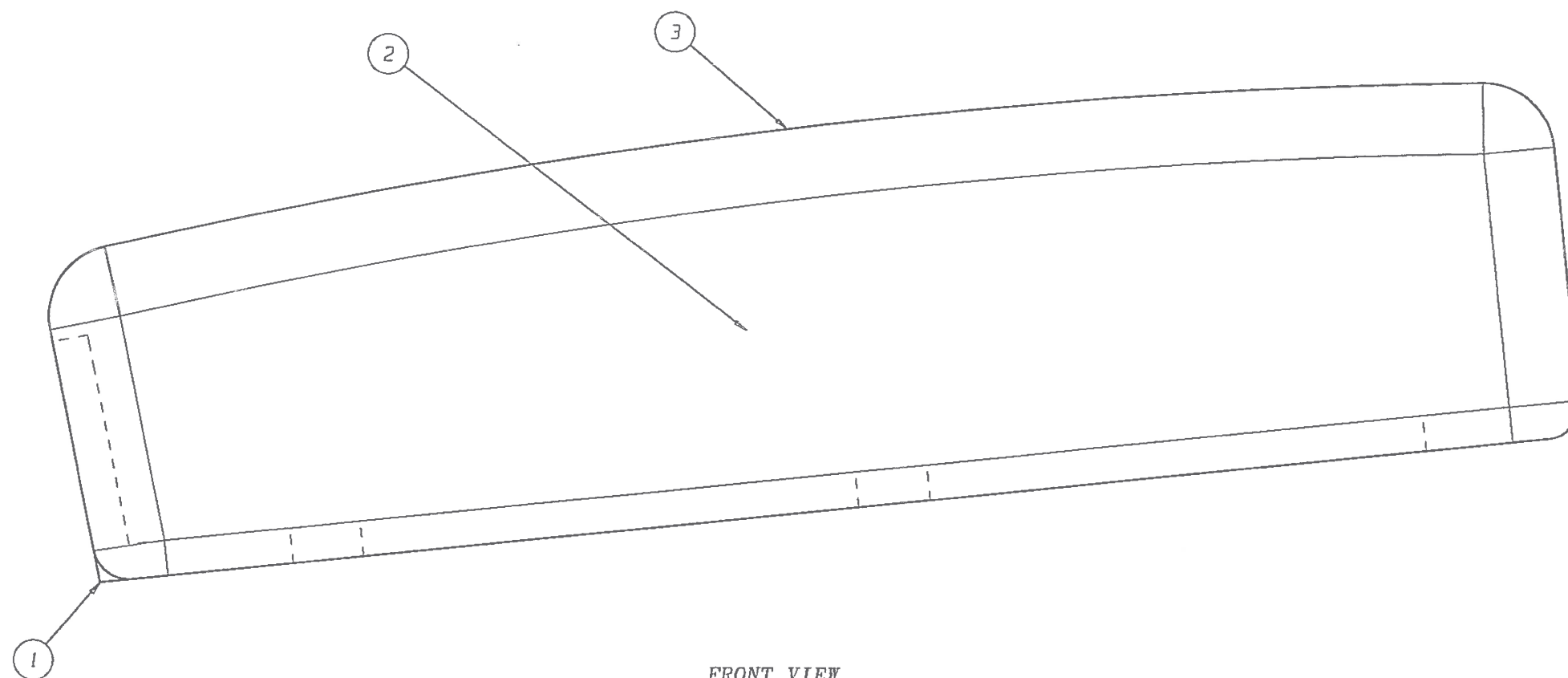
DIMENSION TOLERANCE = $\pm 1/16$ "
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64$ "
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: BHH	CHECKED BY: J. W. 1-10-05
DINING ADA SEAT BOTTOM CUSHION WOOD SUB-ASSEMBLY	APPROVED BY: [Signature]
MODEL: AR16IA1001	

APPROVED

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FRONT VIEW

ITEM 12

FROM DWG ARIA16IA1011
PART NO. 7820620F

NOTES:

1. FOR BILL OF MATERIALS SEE ARIA16IA1035
2. DO NOT SCALE DRAWING

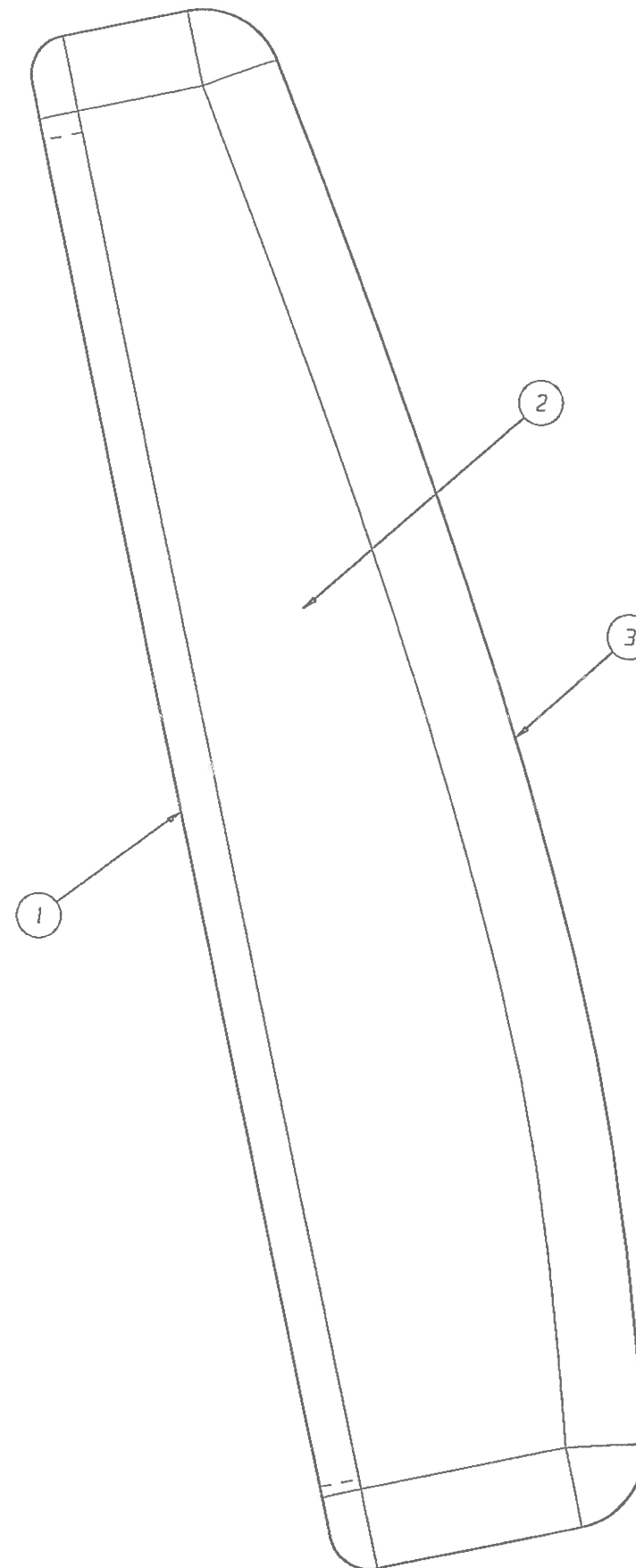
DIMENSION TOLERANCE = $\pm 1/16$ "
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64$ "
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1"=1"
DRAFTED BY: BHH	
CHECKED BY: M-1032	
APPROVED BY: SPP-130	
MODEL: ARIA16IA1001	
NEXT: --	WBS: 16-1
DWG#: ARIA16IA1035A	

APPROVED

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FRONT VIEW
ITEM 12
FROM DWG ARIA16IA1011
PART NO. 7820621F

NOTES:

1. FOR BILL OF MATERIALS SEE ARIA16IA1036
2. DO NOT SCALE DRAWING

DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

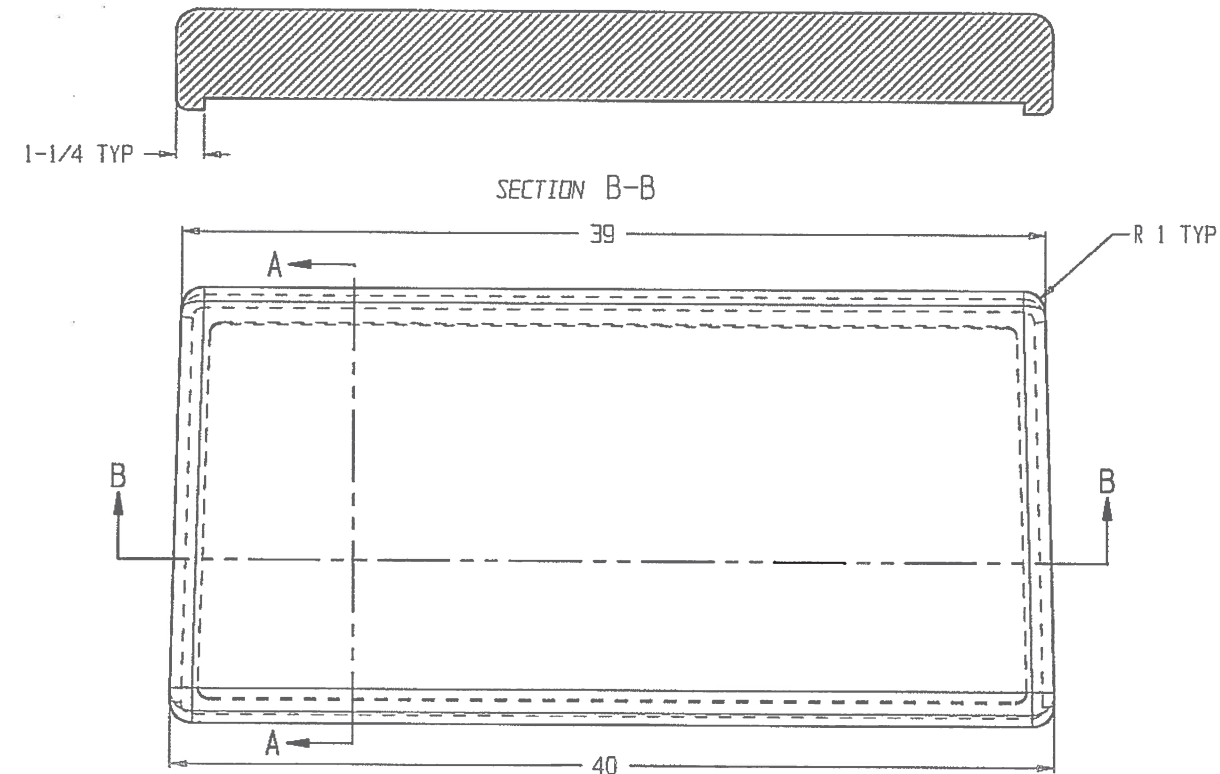
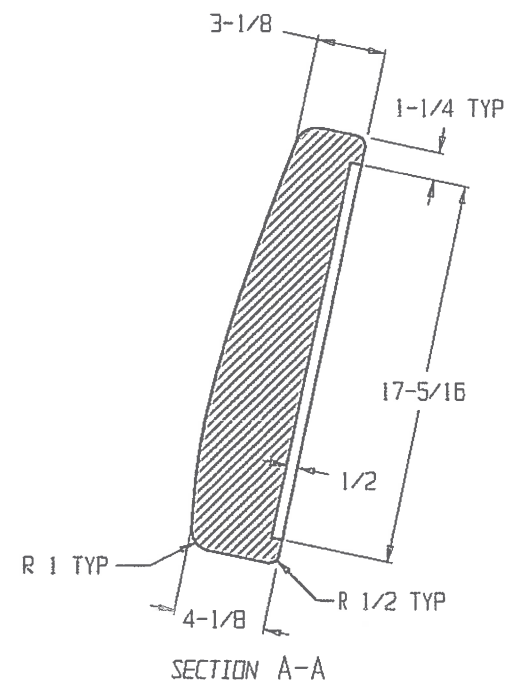
COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1"=1"
DRAFTED BY: BHH	
CHECKED BY: <i>[Signature]</i>	
APPROVED BY: <i>[Signature]</i>	
MODEL: ARIA16IA1001	

APPROVED

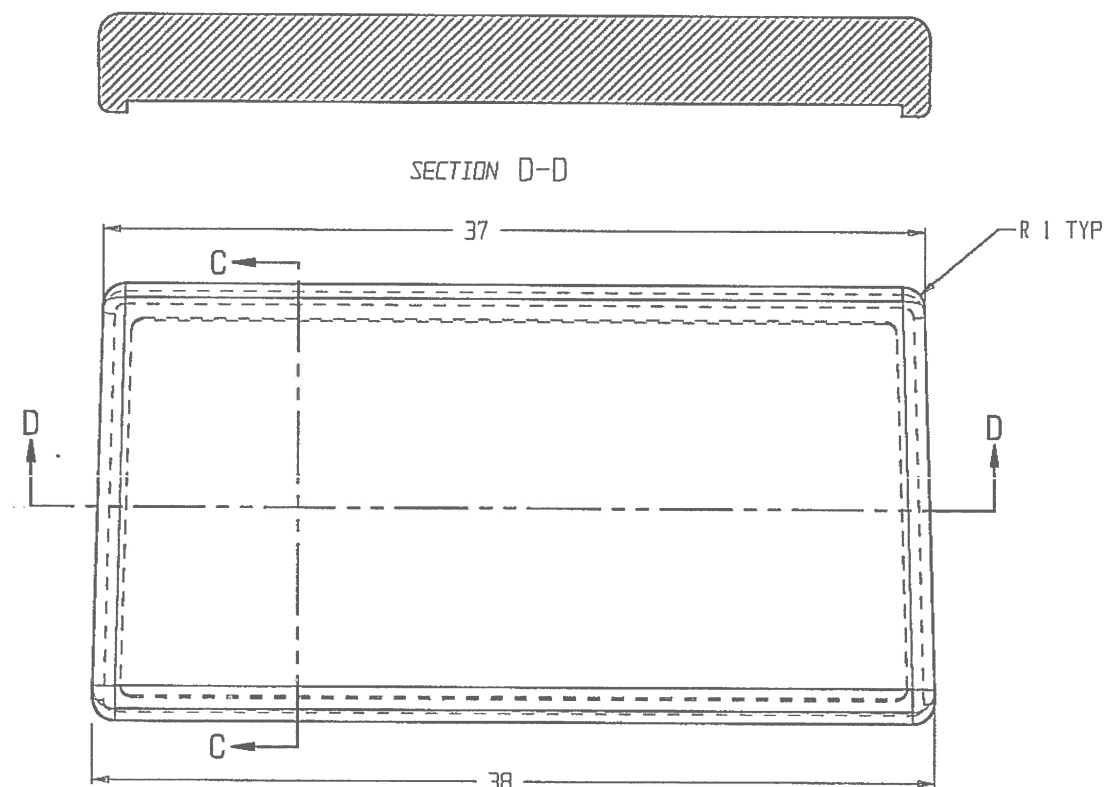
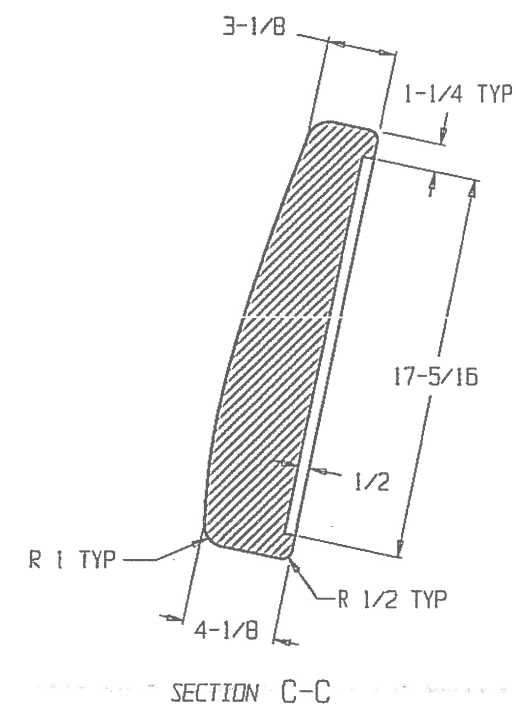
NEXT: " WBS: 16-1 DWG#: ARIA16IA1036A

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A	PRODUCTION RELEASE	BHH	07 JAN 05



FRONT VIEW
ITEM 2 FROM DWG AR1A16IA1022
PART NO. 7820633F
MATERIAL: CHEST NUT RIDGE FOAM SAFEGUARD XL MEDIUM



FRONT VIEW
ITEM 2 FROM DWG AR1A16IA1036
PART NO. 7820637F
MATERIAL: CHEST NUT RIDGE FOAM SAFEGUARD XL MEDIUM

PROTOTYPE WILL BE PROVIDED TO CHESTNUT RIDGE
FOR FIRST ARTICLE FABRICATION

NOTES:
1. DO NOT SCALE DRAWING

DIMENSION TOLERANCE = $\pm 1/16"$
ANGULAR TOLERANCE = $\pm 1^\circ$
DRILLED HOLE TOLERANCE = $\pm \phi 1/64"$
UNLESS OTHERWISE SPECIFIED

COLORADO RAILCAR MFG LLC	
FT LUPTON, COLORADO 303/857-1066	
PROJECT: ALASKA RR 2004	
RAILCAR(S): TYPE 1	SCALE (D): 1/4"=1"
DRAFTED BY: BHH	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
MODEL: AR1A16IA1001	

APPROVED