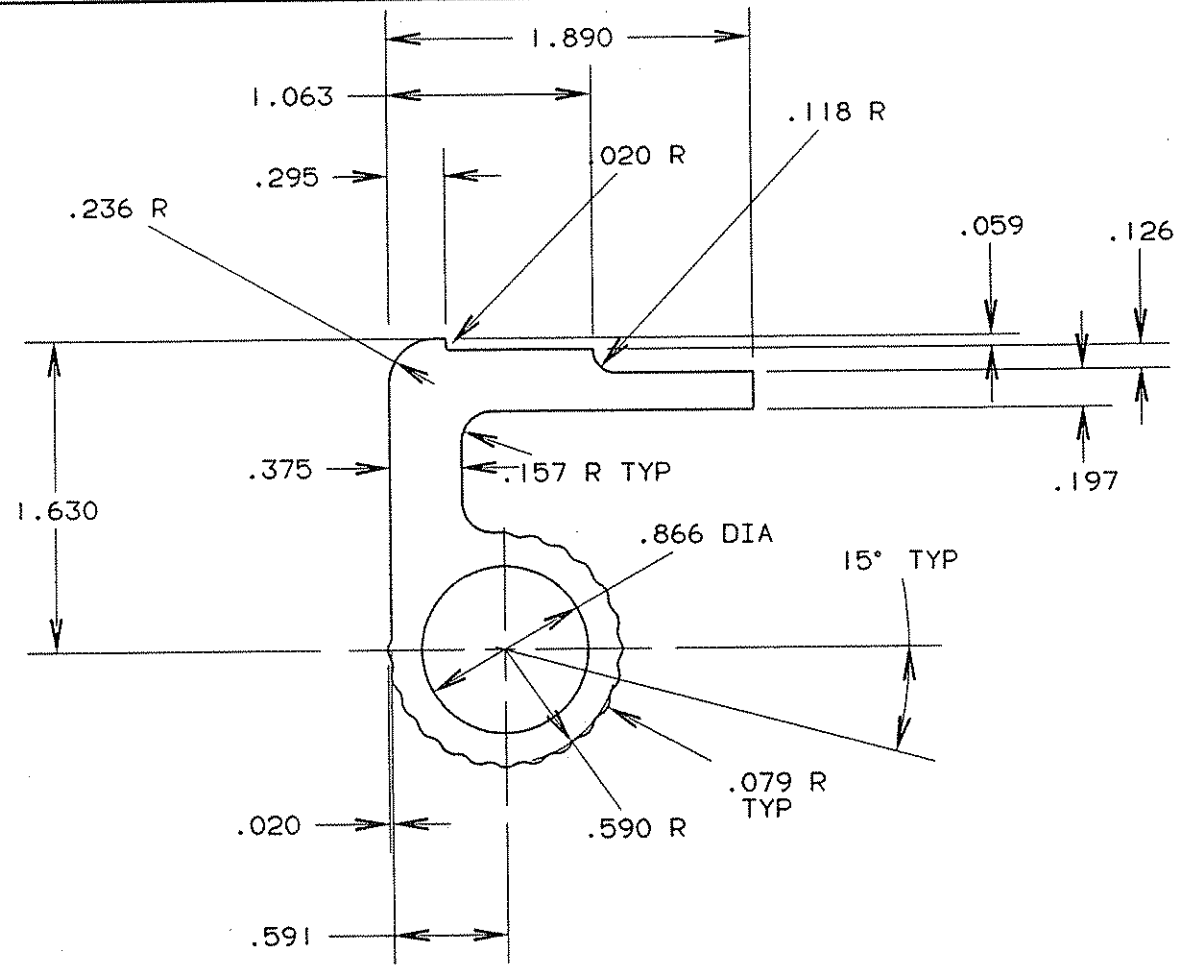
DRAWN	PWS	TITLE	DRAWING NUMBER
APPRV	RJN	EXTRUSION, ALUMINUM AIR DEFLECTOR	48-03001
DATE	09-29-87	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES



SPECIFICATION NUMBERS:

MATERIAL (1)		FREIGHTLINER SPECIFICATION NUMBERS
6061-T6		48-03001-000

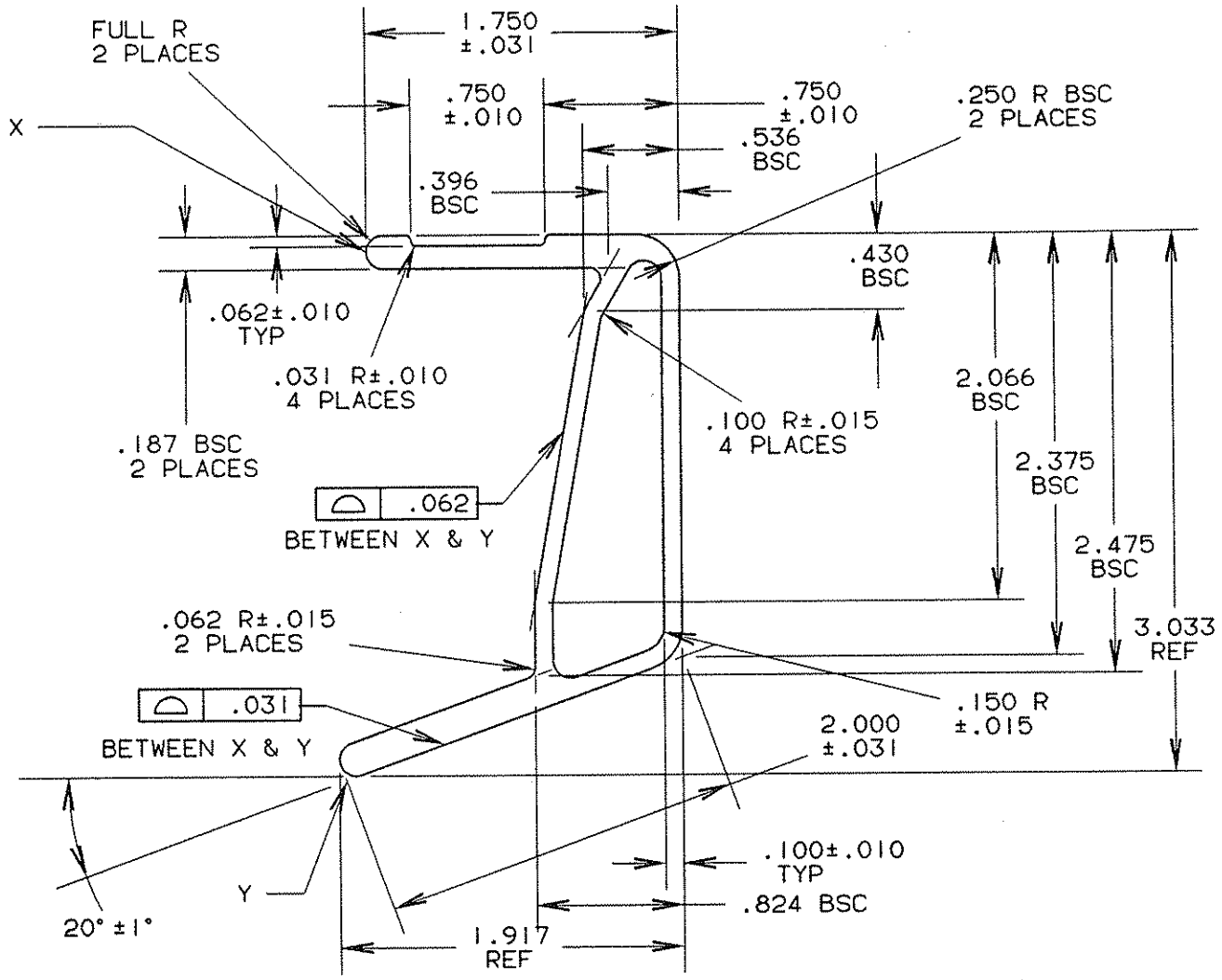
SPECIFICATIONS:

MATERIAL: ALUMINUM ALLOY (1)
FINISH: AS EXTRUDED

CHG	JOB NO	DATE	BY	REVISION
-	PL0238	09-30-87	PWS	ORIGINAL RELEASE

DRAWN	BT	TITLE	DRAWING NUMBER
APPRV	TAL	EXTRUSION STEP SUPPORT, FAIRING	48-03002
DATE	10-09-87	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET | OF | / CHG. LTR. –
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: FT



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
	(2)		48-03002-000

ENGINEERING NOTES:

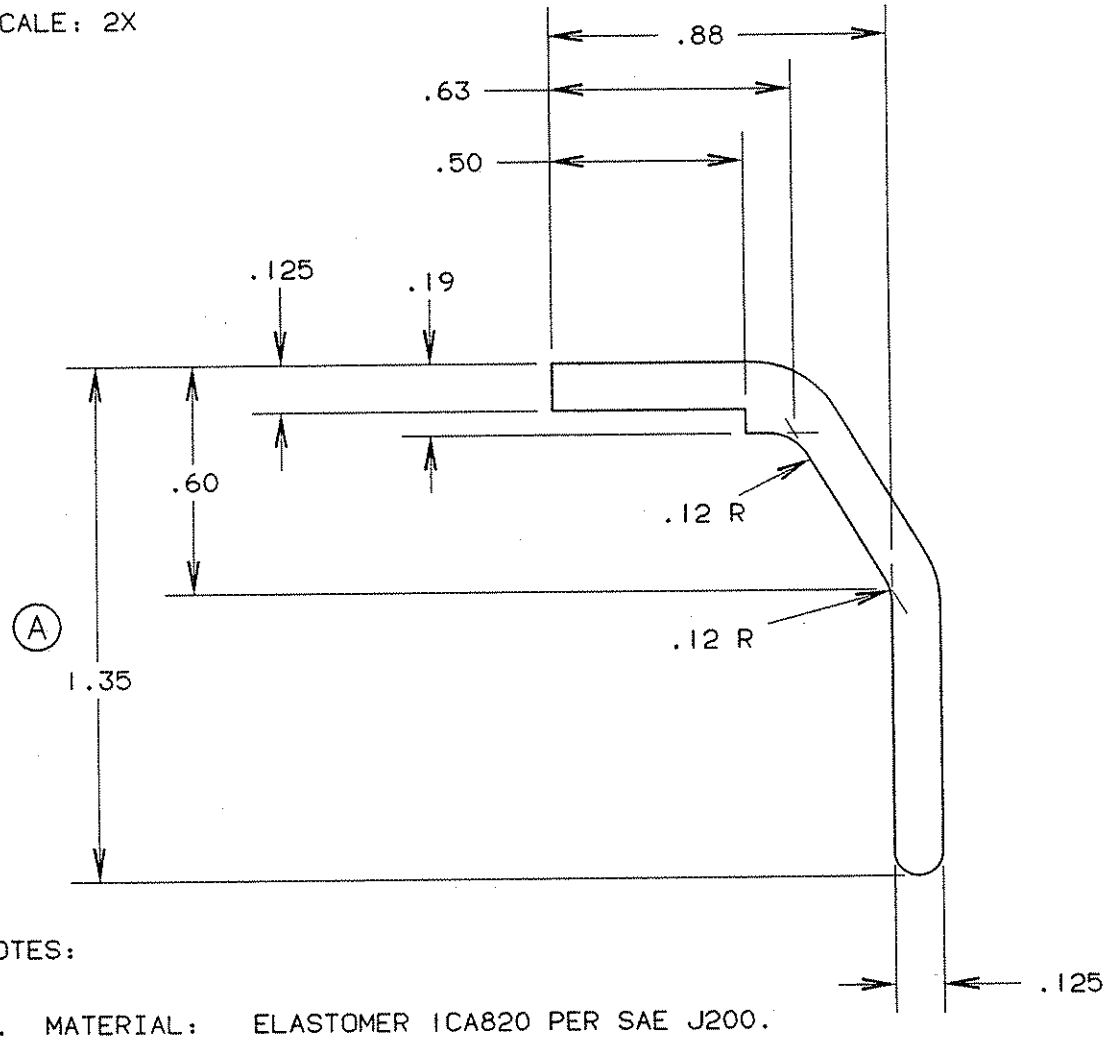
1. SURFACE FINISH TO BE AS EXTRUDED.
2. MATERIAL: ALUMINUM 6063-T6 EXTRUDED.
3. AREA: 1.019 IN^2
4. ALLOWABLE TWIST AND/OR BEND .5° PER FOOT

CHG	JOB NO	DATE	BY	REVISION
-	PH0278	10-09-87	BT	ORIGINAL RELEASE

DRAWN	KRH	TITLE	DRAWING NUMBER
APPRV	KRH	EXTRUSION RUBBER	48-03004
DATE	10-24-87	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. A
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: FT

SCALE: 2X



NOTES:

1. MATERIAL: ELASTOMER 1CA820 PER SAE J200.
   75A TO 85A DUROMETER
   COLOR: BLACK

2. TOLERANCES UNLESS OTHERWISE NOTED:
   .XX = ±.03
   .XXX= ±.010

CHG	JOB NO	DATE	BY	REVISION
-	PK0293	10-24-87	KRH	ORIGINAL RELEASE
A	PK0293	11-29-87	RRC	1.35 WAS 1.10

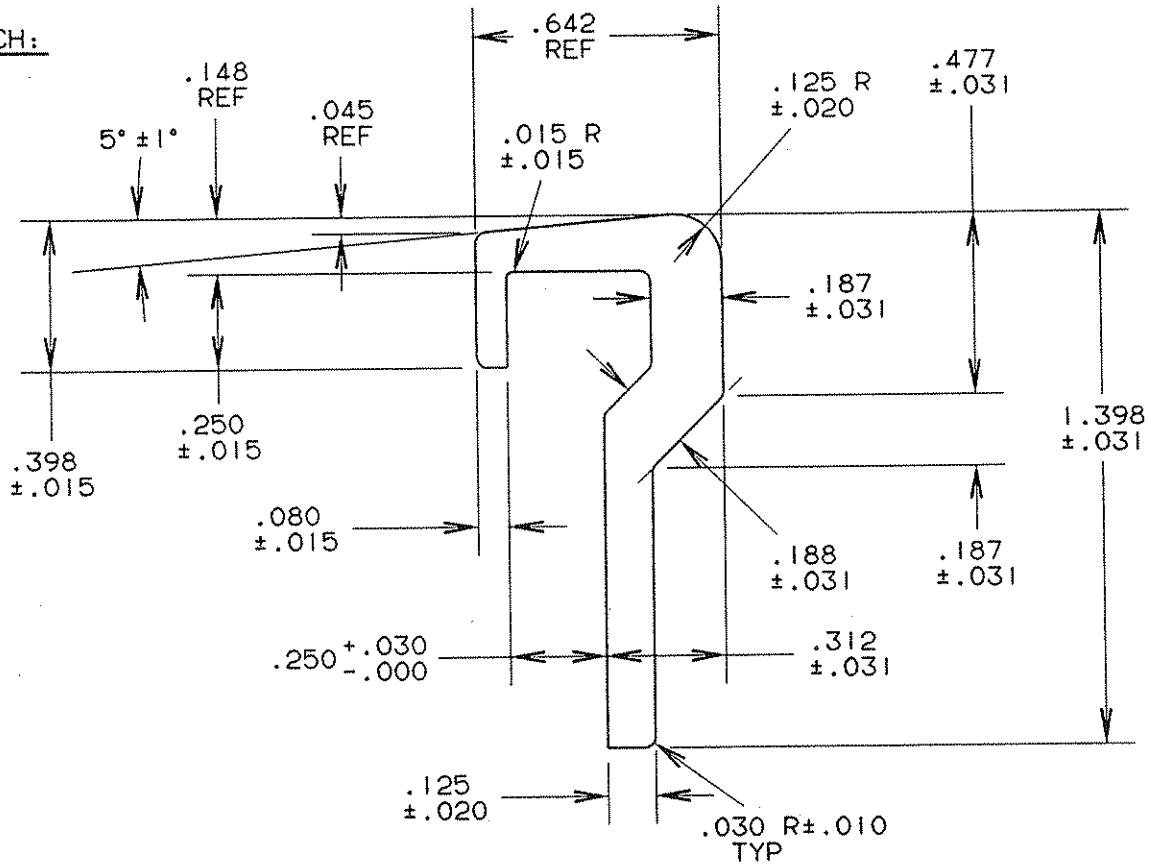
DRAWN	BT	TITLE	DRAWING NUMBER
APPRV	LAD	EXTRUSION ALUMINUM BATTERY BOX	48-03005
DATE	10-29-87	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. A
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: FT

SCOPE: THIS SPECIFICATION IDENTIFIES AN ALUMINUM EXTRUSION.

APPLICATION: BATTERY BOX.

SKETCH:



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
	⚠1		48-03005-000

ENGINEERING NOTES:

⚠1 MATERIAL: ALUMINUM 6061-T6 EXTRUDED.
2. AREA: .296 IN^2

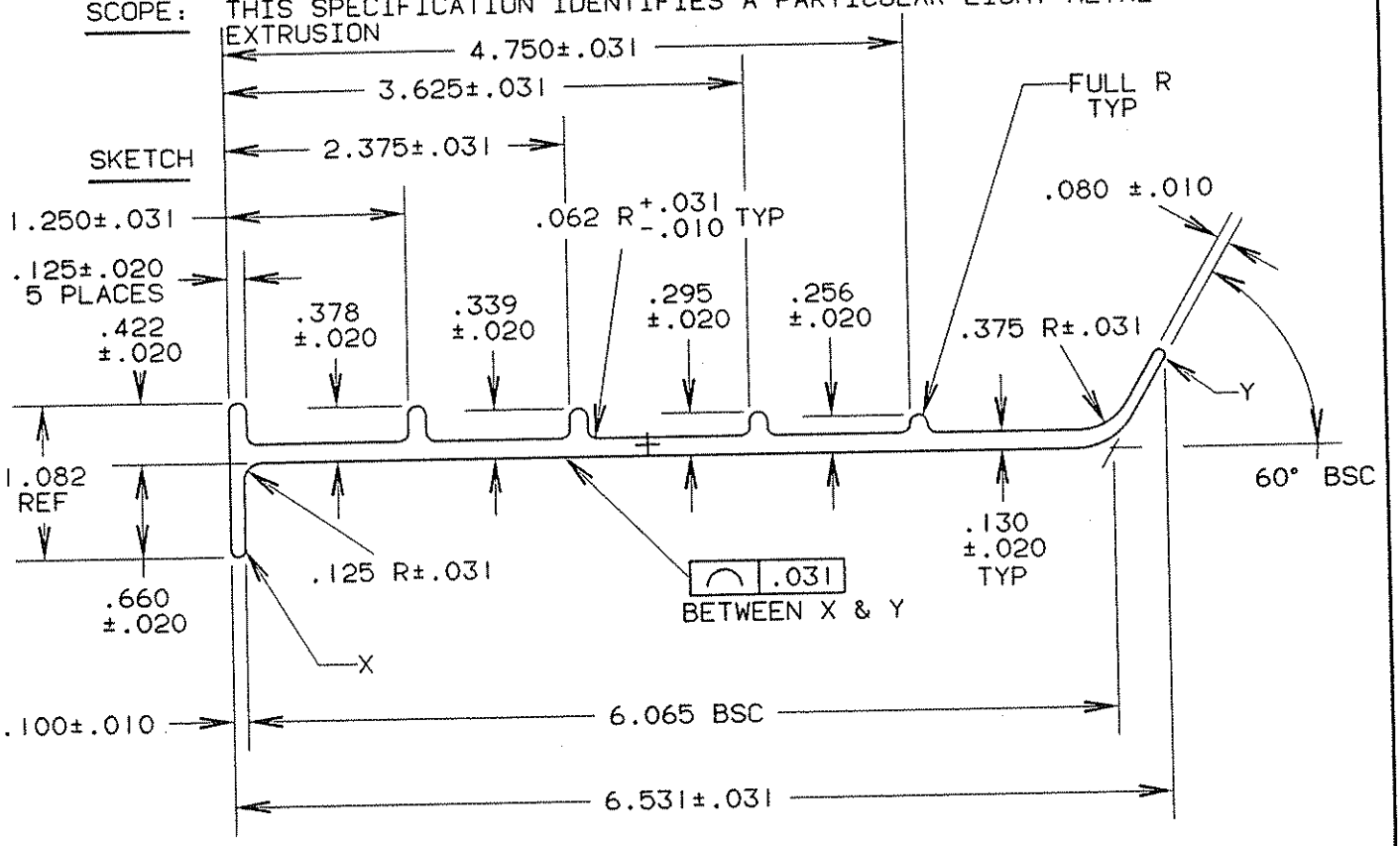
CHG	JOB NO	DATE	BY	REVISION
-	PH0291	10-29-87	BT	ORIGINAL RELEASE
A	PH0291	11-20-87	BT	REVISED TOLERANCES

DRAWN	TAL	TITLE	DRAWING NUMBER
APPRV	TAL	EXTRUSION TREAD, FAIRING	48-03007
DATE	01-26-88	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: LB

SCOPE: THIS SPECIFICATION IDENTIFIES A PARTICULAR LIGHT METAL EXTRUSION

SKETCH



SPECIFICATION NUMBERS:

	MATERIAL ⚠1	WEIGHT LB/FT	EXTRUSION DIE NUMBER		FREIGHTLINER SPECIFICATION NUMBER
		1.22			48-03007-000

SPECIFICATIONS:

⚠1 MATERIAL: ALUMINUM 6061-T6.

2. FINISH AS EXTRUDED

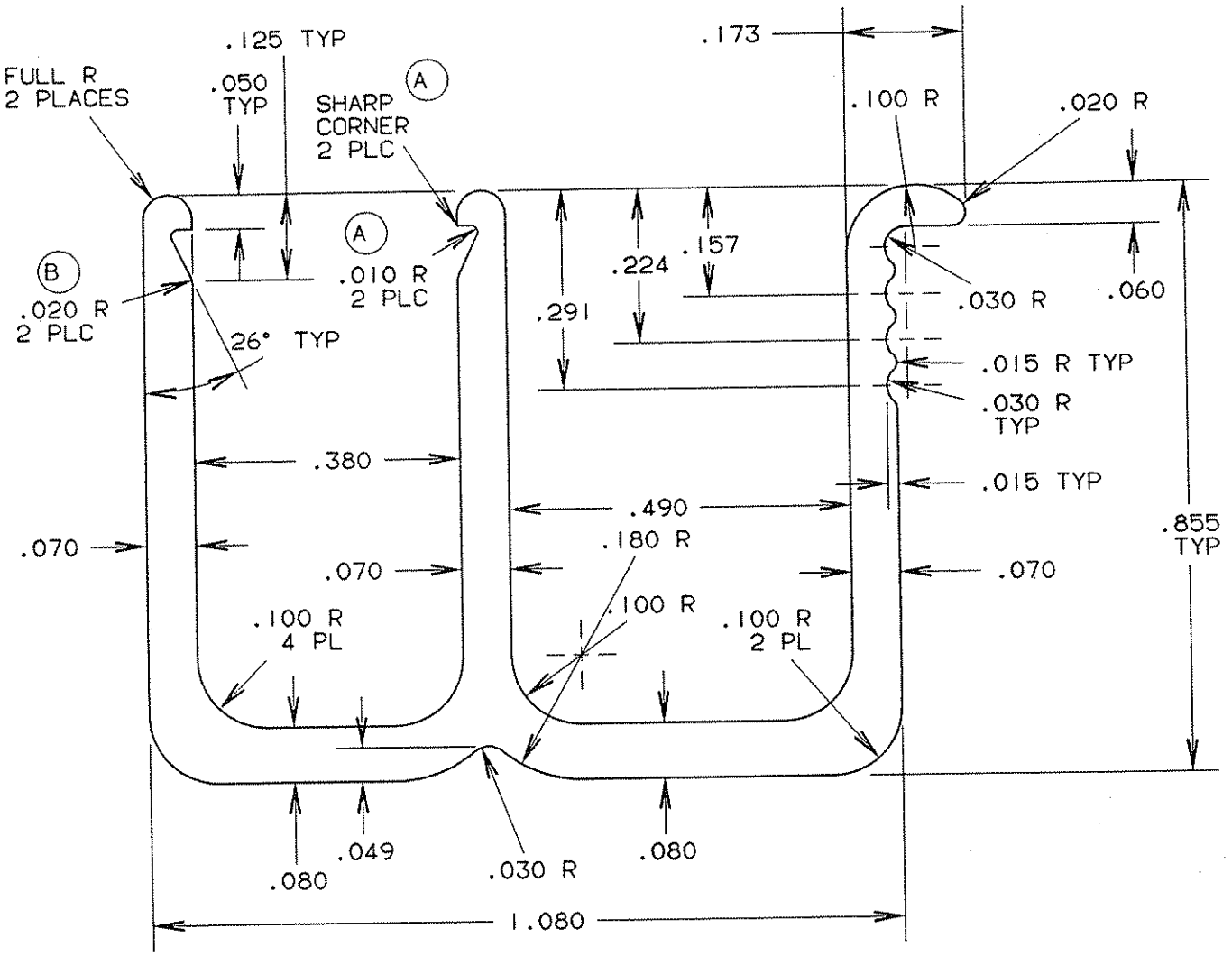
3. ALLOWABLE TWIST: 1/4 DEGREE PER LINEAR FOOT.
ALLOWABLE BEND OR WARP: .026 INCH PER LINEAR FOOT.
PROVIDED PROFILE TOLERANCE IS MET.

4. CROSS SECTIONAL AREA: 1.050 REFERENCE.

CHG	JOB NO	DATE	BY	REVISION
-	PH0278	01-26-88	TAL	ORIGINAL RELEASE

DRAWN	CAJ	TITLE	DRAWING NUMBER
APPRV	PWS	EXTRUSION FRAME, CAB TO SLEEPER OPENING	48-03011
DATE	10-04-88	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. B
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: LB



MATERIAL	AREA SQ.IN.	LB/FT.	FL SPEC NO.
ALUMINUM 6061 T4	.246	.2853	48-03011-000

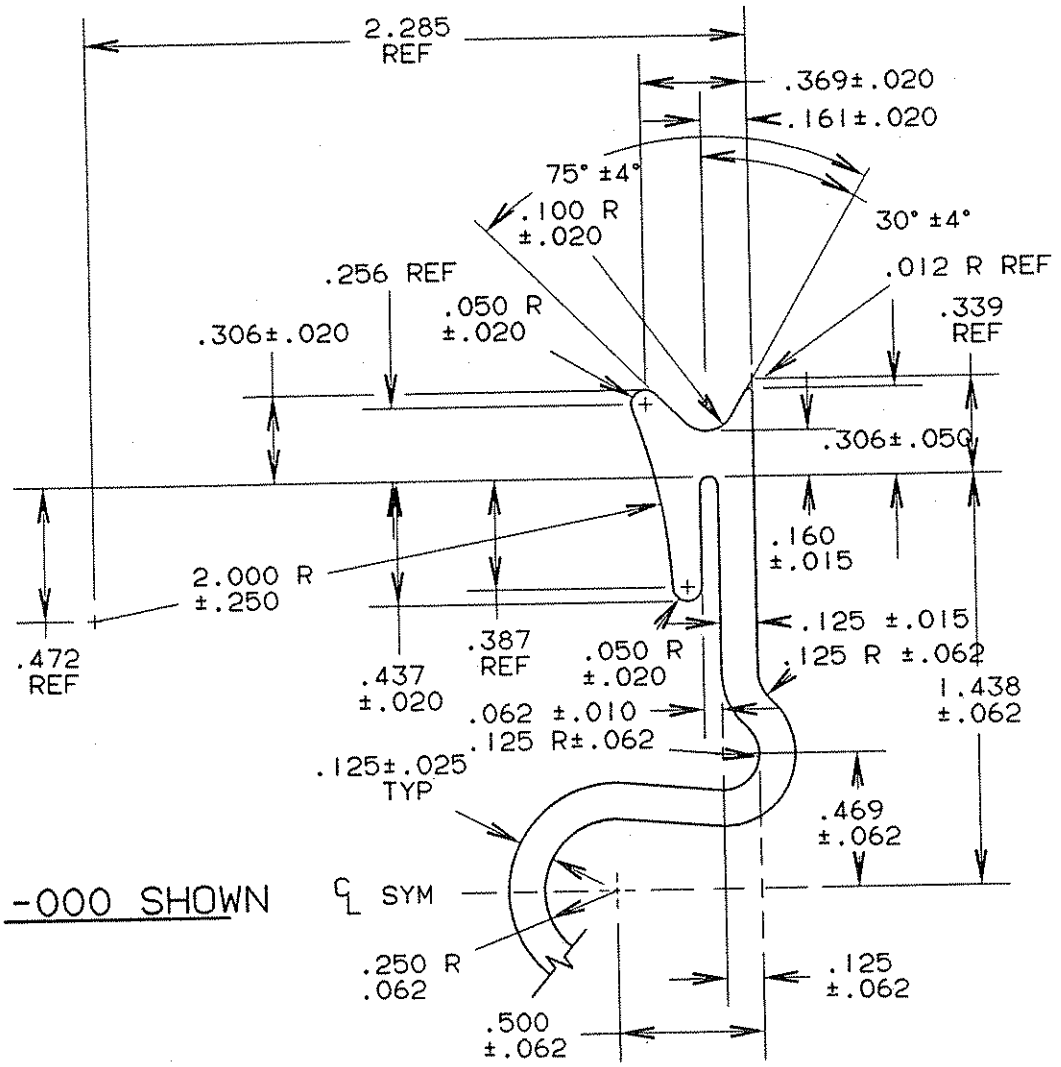
SPECIFICATIONS

1. COMMERCIAL EXTRUSION TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED
2. FINISH: AS EXTRUDED

CHG	JOB NO	DATE	BY	REVISION
-	PK0322	4-28-89	CAJ	INITIAL RELEASE
A	PK0322	07-11-89	EWB	.010 R TO SHARP CORNER 2 PLC.
B	PK0322	11-01-89	EWB	.040 R TO .020 R 2 PLC.

DRAWN	CAJ	TITLE	DRAWING NUMBER
APPRV	PWS	EXTRUSION-RUBBER BOOT, CAB TO SLEEPER BOX	48-03012
DATE	10-04-88	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: IN



MATERIAL	UNITS	AREA SQ.IN.	LB/FT.	FL SPEC NO.
(1)	INCHES	.81738	.54	48-03012-000

SPECIFICATIONS

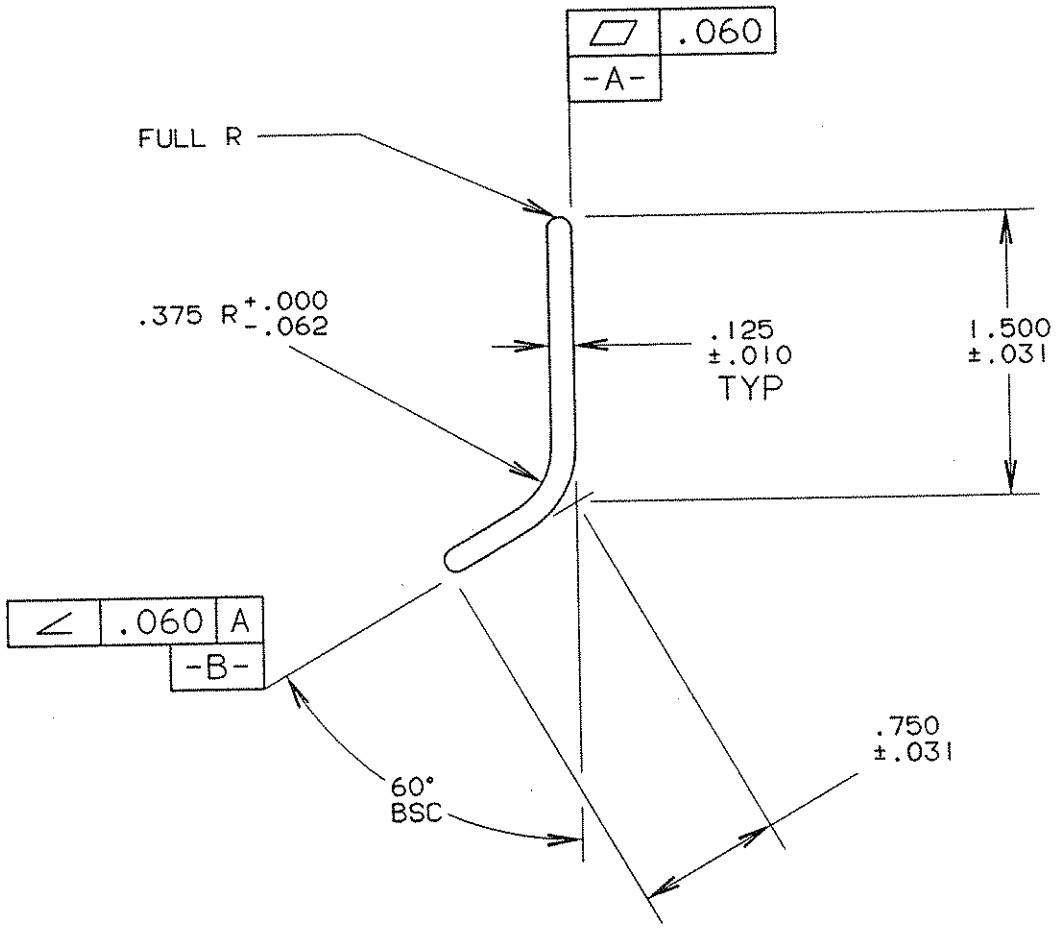
(1) MATERIAL: ASTM-D2000 M 3 BC 614 A14 C20 F17 G21

2 FINISH: AS EXTRUDED

CHG	JOB NO	DATE	BY	REVISION
-	P1018F	10-04-88	RRC	INITIAL RELEASE

DRAWN	GSC	TITLE	DRAWING NUMBER
APPRV	TAL	ANGLE, STEP SUPPORT, UPPER COE/CONV	48-03013
DATE	11-03-88	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: INCHES



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
UNITS OF MEASURE: FEET	(2)		48-03013-000

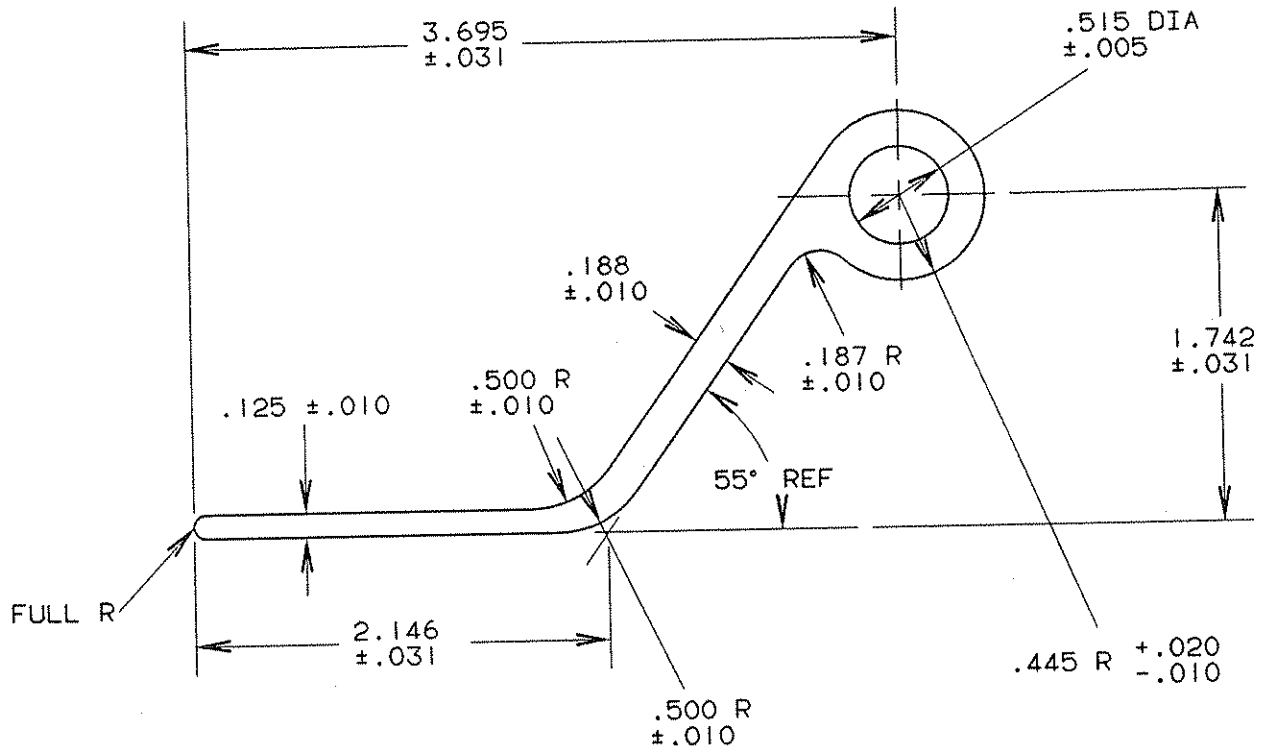
ENGINEERING NOTES

1. SURFACE FINISH TO BE AS EXTRUDED.
2. MATERIAL: ALUMINUM 6063-T6 EXTRUDED
3. ALLOWABLE TWIST AND/OR BEND .5° PER FOOT.
4. AREA: .263 SQ IN.

CHG	JOB NO	DATE	BY	REVISION
-	P8598E	11-03-88	GSC	ORIGINAL RELEASE

DRAWN	GSC	TITLE	DRAWING NUMBER
APPRV	TAL	EXTR, AL, BRKT, FAIR, LWR BLK COE ONLY	48-03014
DATE	11-03-88	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: INCHES



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
UNITS OF MEASURE: FEET	(2)		48-03014-000

ENGINEERING NOTES

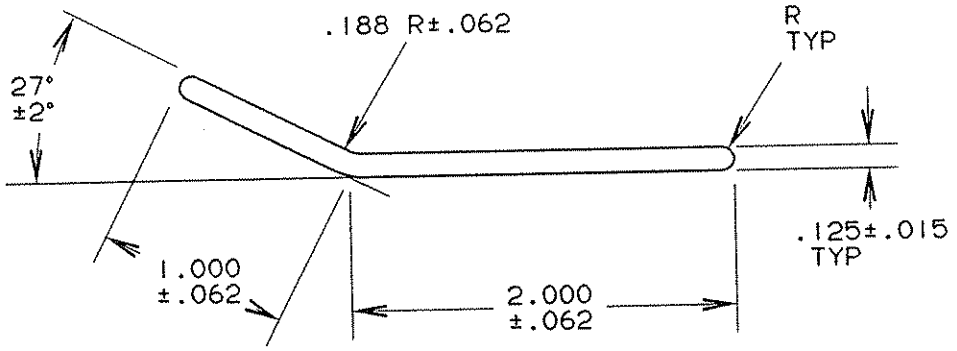
1. SURFACE FINISH TO BE AS EXTRUDED.
2. MATERIAL: ALUMINUM 6063-T6 EXTRUDED
3. AREA: 1.064 SQ IN.

CHG	JOB NO	DATE	BY	REVISION
-	PH0331	11-03-88	GSC	ORIGINAL RELEASE

DRAWN	DRE	TITLE	DRAWING NUMBER
APPRV	TAL	ANGLE, AIR DAM SUPPORT COE/CONV	48-03015
DATE	12-08-88	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: INCHES

SKETCH



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
UNITS OF MEASURE: FEET	(2)		48-03015-000

ENGINEERING NOTES

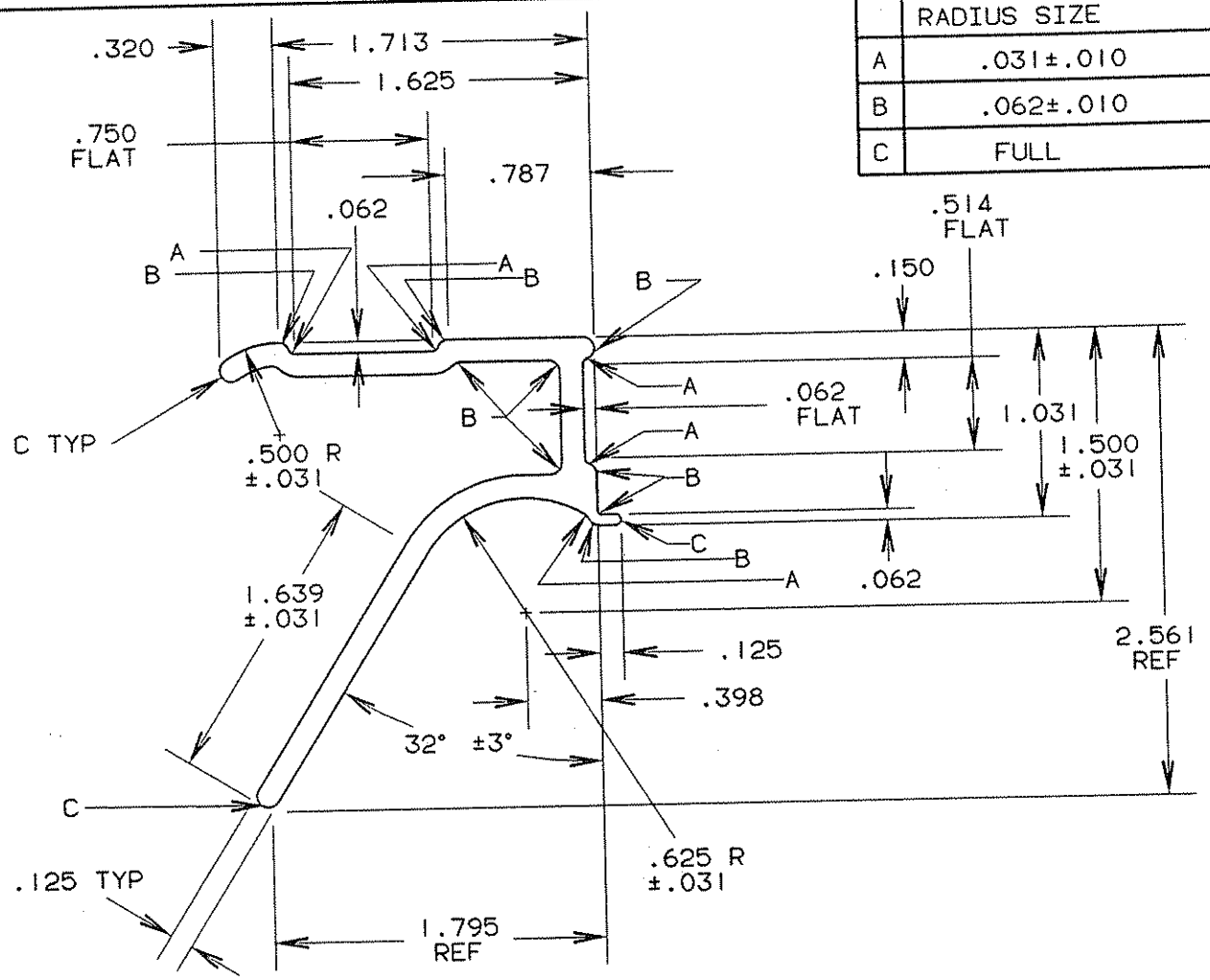
1. SURFACE FINISH TO BE AS EXTRUDED.
2. MATERIAL: ALUMINUM 6063-T6 EXTRUDED
3. ALLOWABLE TWIST AND/OR BEND .5° PER FOOT.
4. AREA: .368 SQ IN.

CHG	JOB NO	DATE	BY	REVISION
-	P8787E	12-08-88	DRE	ORIGINAL RELEASE

DRAWN	JBK	TITLE	DRAWING NUMBER
APPRV	TAL	BRACKET, TRIM FLAP SUPPORT, REAR	48-03017
DATE	01-24-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: INCHES

	RADIUS SIZE
A	.031±.010
B	.062±.010
C	FULL

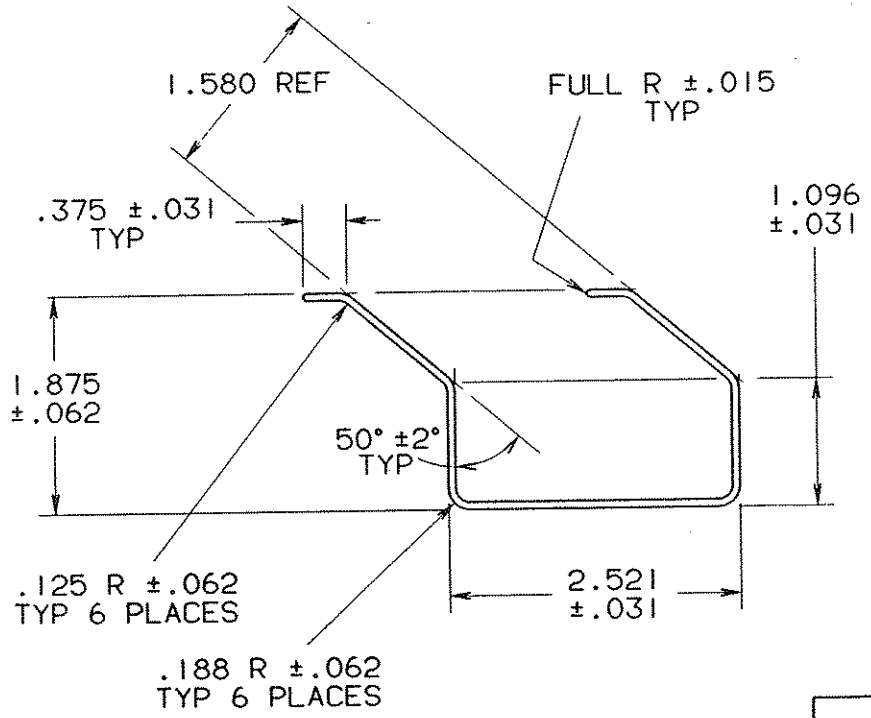


	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
UNIT OF MEASURE: LB	(2)	ADG 8276	48-03017-000

ENGINEERING NOTES

1. SURFACE FINISH TO BE AS EXTRUDED.
2. MATERIAL: ALUMINUM 6061-T6 EXTRUDED
3. AREA: 0.707 SQUARE INCHES, LB/IN: .069
4. TOLERANCE: ±.015 LINEAR, EXCEPT AS NOTED.

CHG	JOB NO	DATE	BY	REVISION
-	PH0328	01-24-89	JBK	ORIGINAL RELEASE



LTR.	JOB NO.	DATE	BY	APPR.	CHANGE INFORMATION FROM	TO
A	P3146F	10-10-89	WLK	PLD PLD	REVISED AND REDRAWN	

NOTES: CROSS SECTION IS ACCEPTABLE IF DIMENSIONS CAN BE OBTAINED BY RESTRAINING MATERIAL USING MODERATE HAND PRESSURE.

SCOPE: THIS SPECIFICATION IDENTIFIES A SPECIFIC LIGHT METAL EXTRUSION.

APPLICATION: SPECIFICALLY USED TO PROVIDE SLEEPERCAB SIDE SKIN TO CURTAIN BOW SUPPORT.

SPECIFICATIONS:

1. THICKNESS: .0625 TYP
2. FINISH: AS EXTRUDED
3. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE.
4. TOLERANCES PER ALUMINUM ASSOC. STANDARDS AND ANSI H35.2 UNLESS OTHERWISE NOTED.
5. WEIGHT: .121 LBS/IN.

MFR. DASH NO.	PART NUMBER	NAME OF PART	MATERIAL	ITEM
-000			AL 6063-T5 (1)	

FREIGHTLINER CORPORATION
PORTLAND, OREGON

THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY DATA OF FREIGHTLINER CORPORATION AND IS NOT FOR DISSEMINATION OR DISCLOSURE IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED EXCEPT AS AUTHORIZED IN WRITING BY FREIGHTLINER CORPORATION.

THIRD ANGLE PROJECTION | UNLESS OTHERWISE NOTED UNITS = INCHES | DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ANSI Y14.5 - 1973 WITH EXCEPTIONS PER FREIGHTLINER E.D.N. SECTION 307

DRAWN BY	WLK	10-10-89
DFTG. CHECKED	PLD	10-10-89
DESIGN APPROVAL	PLD	10-10-89
MFG. APPROVAL	B.CURTIS	10-17-89
FINAL APPROVAL	PWS	10-17-89

EXTRUSION, ALUMINUM (PRIMARY ITEM / PRIMARY DESCP. / 2ND DESCP.)
UPRIGHT, SIDE (LOCATION / MFR.)
CONV SLEEPERCAB (ADDITIONAL INFORMATION)

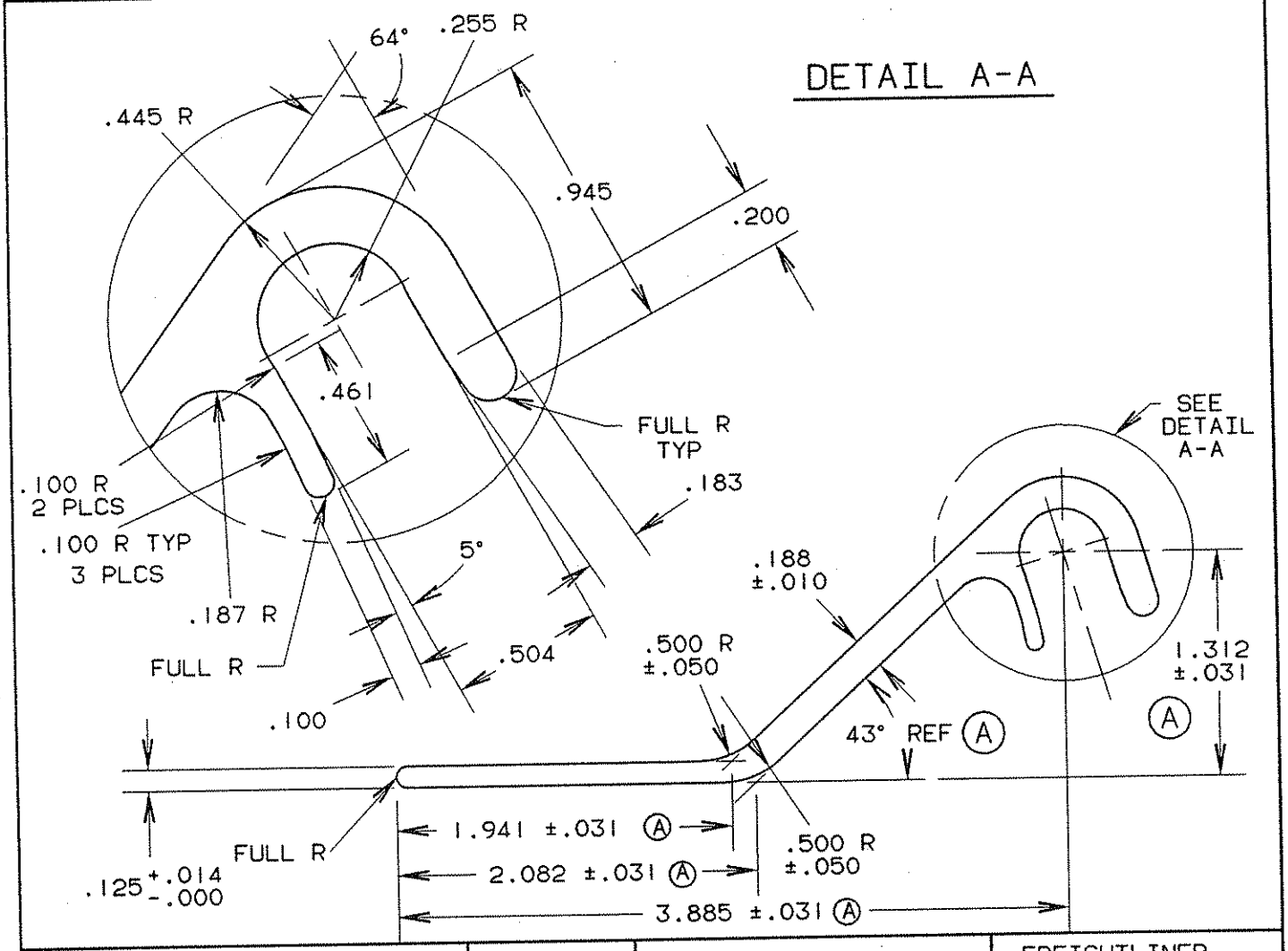
SCALE	SHEET	DRAWING NUMBER	CHG. LTR.
FULL	1 OF 1	48-03020	A

DO NOT SCALE

COMMENT=
GROUP=REL2 SUBGRP=MAS SCALE= 0.0000 DRAWID=48-03020
DATE=11/19/91 TIME=10.26 ACCESS=NONE
LOGON ID=
PLOT TOO LARGE - SCALE OF 0.000 WAS FACTORED BY 1.081

DRAWN	GSC	TITLE	DRAWING NUMBER
APPRV	TAL	EXTR, AL, BRKT, FAIR, LWR BLNK COE ONLY	48-03021
DATE	03-22-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. A
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES | UNIT OF MEASURE: INCHES



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
UNITS OF MEASURE: FEET	(2)	ADG 8476	48-03021-000

ENGINEERING NOTES

1. SURFACE FINISH TO BE AS EXTRUDED.
2. MATERIAL: ALUMINUM 6063-T6 EXTRUDED
3. AREA: 1.003 SQ IN.

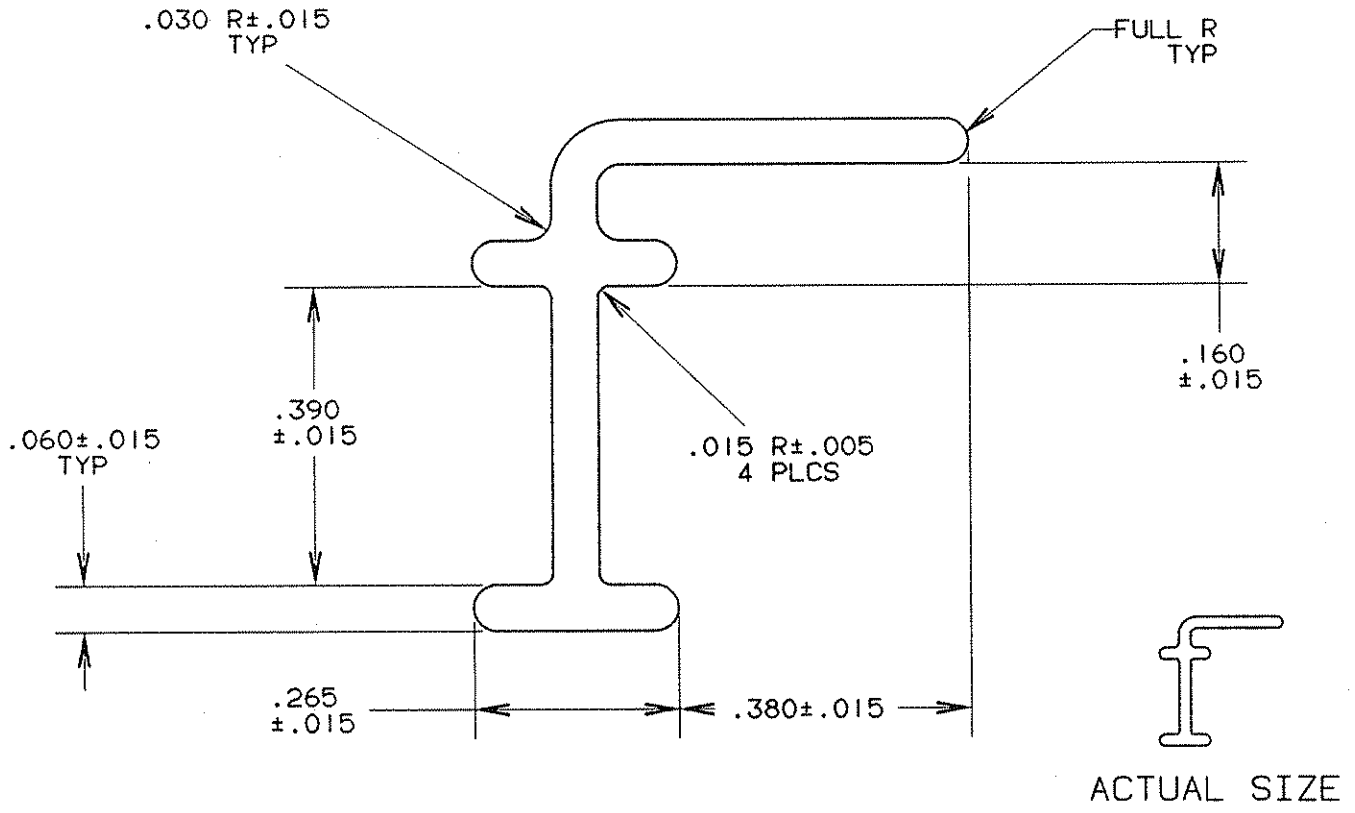
CHG	JOB NO	DATE	BY	REVISION
-	PH0331	03-22-89	GSC	ORIGINAL RELEASE
A	PH0331	11-15-89	GSC	55° TO 43°; 2.146 TO 2.082; 3.695 TO 3.885 1.742 TO 1.312 AND ADDED 1.941

DRAWN	EMH	TITLE	DRAWING NUMBER	
APPRV	DLL	EXTRUSION ALUMINUM	48-03024	
DATE	06-16-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 2	CHG. LTR. -
CADAM ORIGINAL				
UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES			UNIT OF MEASURE:	LB

SCOPE: THIS SPECIFICATION IDENTIFIES A SPECIFIC LIGHT METAL EXTRUSION.

APPLICATION: ESPECIALLY USED FOR A PRIVACY CURTAIN TRACK.

SKETCH:



SPECIFICATION NUMBERS:

MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6063-T4	.097	.010	48-03024-000

CHG	JOB NO	DATE	BY	REVISION
-	PM0421	06-16-89	EMH	ORIGINAL RELEASE

DRAWN	EMH	TITLE	DRAWING NUMBER	
APPRV	DLL	EXTRUSION ALUMINUM	48-03024	
DATE	06-16-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 2 OF 2	CHG. LTR. -
CADAM ORIGINAL				
UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES			UNIT OF MEASURE:	LB

SPECIFICATIONS:

1. FINISH: AS EXTRUDED
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE.

CHG	JOB NO	DATE	BY	REVISION
-	PM0421	06-16-89	EMH	ORIGINAL RELEASE

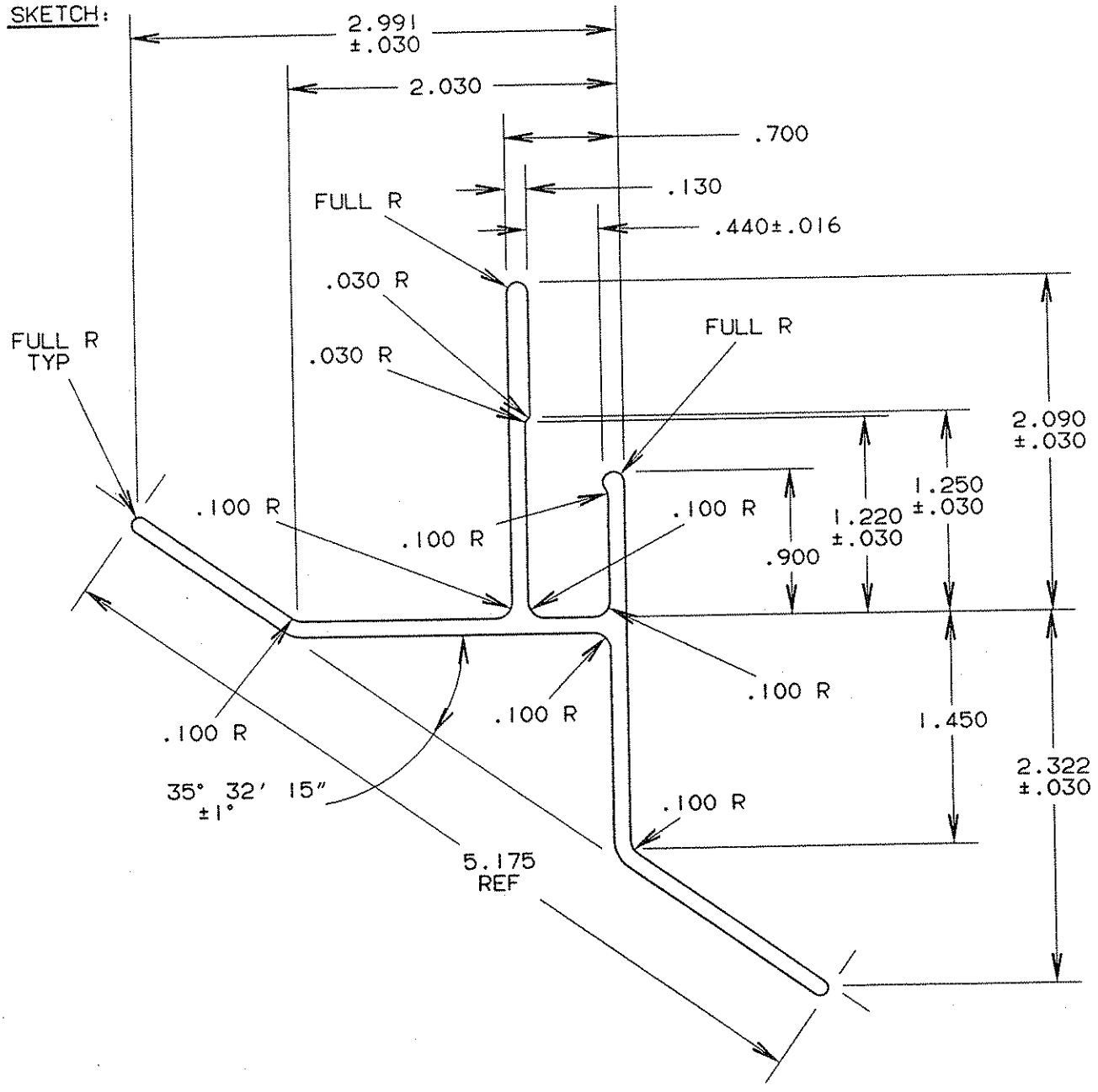
DRAWN	TTR	TITLE	DRAWING NUMBER
APPRV	BBK	EXTRUSION UNDER DASH COVER	48-03025
DATE	07-11-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 2 / CHG. LTR. A
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SCOPE: THIS EXTRUSION IDENTIFIES A PARTICULAR ALUMINUM EXTRUSION.

APPLICATION: ESPECIALLY USED TO SECURE THE CONVENTIONAL INTEGRAL UNDER DASH COVERS.

SKETCH:



CHG	JOB NO	DATE	BY	REVISION
-	PM0421	07-11-89	TTR	INITIAL RELEASE.
A	PM0421	08-10-89	TTR	FROM ±.010 & ±1/2° TO ±.016 & ±1°.

DRAWN	TTR	TITLE	DRAWING NUMBER	
APPRV	BBK	EXTRUSION UNDER DASH COVER	48-03025	
DATE	07-11-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 2 OF 2	CHG. LTR. A
CADAM ORIGINAL				

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SPECIFICATIONS:

MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6061-T6	.94354	0.0925	48-03025-000

1. UNSPECIFIED WALL THICKNESS: .100±.010.

2. FINISH: AS EXTRUDED.

3. SCALE: FULL.

4. UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES TO BE ±.015, ALL OTHER TOLERANCES TO BE PER ALUMINUM ASSOC. STANDARDS AND ANSI H35.2.

CHG	JOB NO	DATE	BY	REVISION
-	PM0421	07-11-89	TTR	INITIAL RELEASE.
A	PM0421	08-10-89	TTR	SEE SHT 1 OF 2.

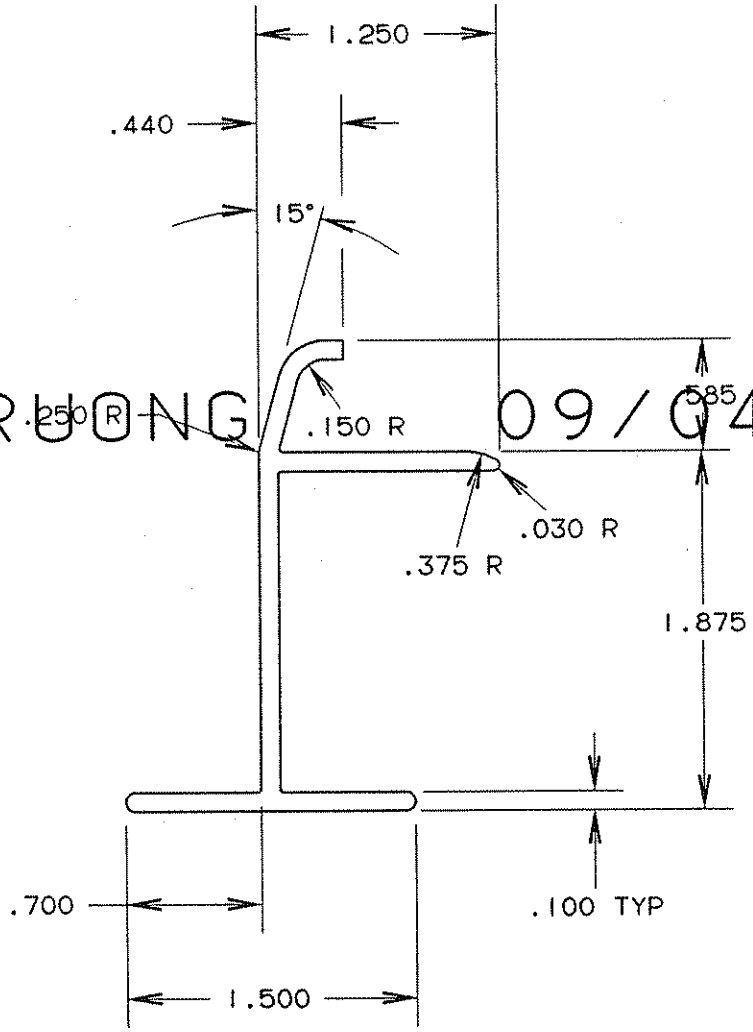
DRAWN	PMT	TITLE EXTRUSION DOOR FRAME	DRAWING NUMBER 48-03029
APPRV	PWS		
DATE	10-07-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 2 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SCOPE: THIS SPECIFICATION IDENTIFIES A PARTICULAR ALUMINUM EXTRUSION.

APPLICATION: CAB DOOR FRAME OPENING.

SKETCH:



5 PM TRUONG 09/04/90

CIRCUMSCRIBED
DIAMETRE = 2.720

CHG	JOB NO	DATE	BY	REVISION
-	P8231F	10-07-89	PMT	INITIAL RELEASE.

DRAWN	PMT	TITLE	DRAWING NUMBER	
APPRV	PWS	EXTRUSION UNDER DASH COVER	48-03029	
DATE	10-07-89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 2 OF 2	CHG. LTR. -
CADAM ORIGINAL				

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SPECIFICATIONS:

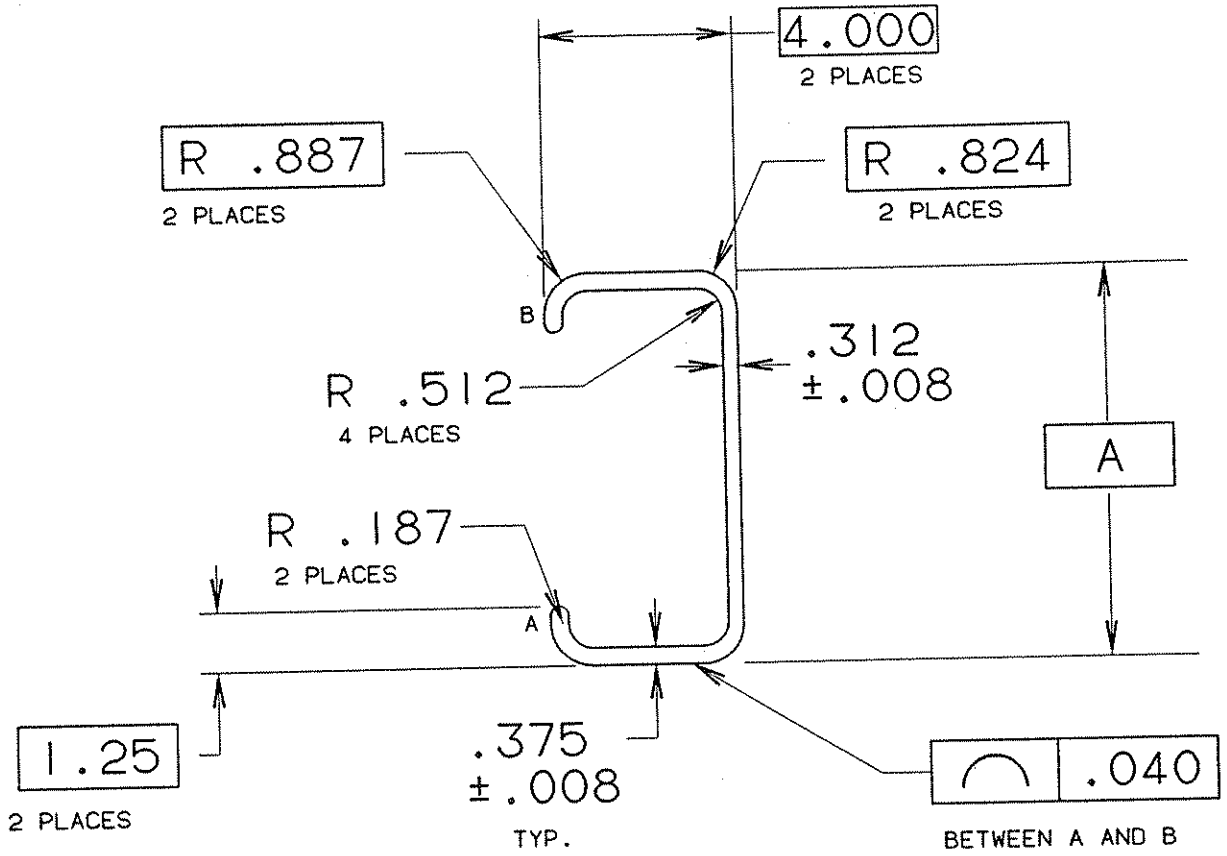
MATERIAL	AREA SQ. IN.	WEIGHT LB/FT	F/L SPEC NO.
6061-T4	.5124	0.605	48-03029-000

1. UNSPECIFIED WALL THICKNESS: .100±.010.
2. TOLERANCE: ±.015 EXCEPT AS NOTED.
3. UNSPECIFIED RADIUS: .015 ±.015
4. FINISH: AS EXTRUDED.
5. SCALE: FULL

CHG	JOB NO	DATE	BY	REVISION
-	P8231F	10-07-89	PMT	INITIAL RELEASE.

DRAWN	TJM	TITLE	ITEM NUMBER
APPRV	GHA	EXTRUDED ALUMINUM CROSS MEMBER	48-03040
DATE	04/20/90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1

UNLESS OTHERWISE NOTED, ALL DIMENSIONS IN INCHES.



	MATERIAL	DIM A	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
B	6061-T6	8.267	5.567	0.546	48-03040-000
B	6061-T6	7.806	5.427	0.532	48-03040-001
B	6061-T6	8.019	5.493	0.538	48-03040-002

SPECIFICATIONS:

1. FINISH: AS EXTRUDED.
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE.
3. TOLERANCES OTHER THAN NOTED PER ALUMINUM ASSOC. STANDARDS & ANSI H35.2.

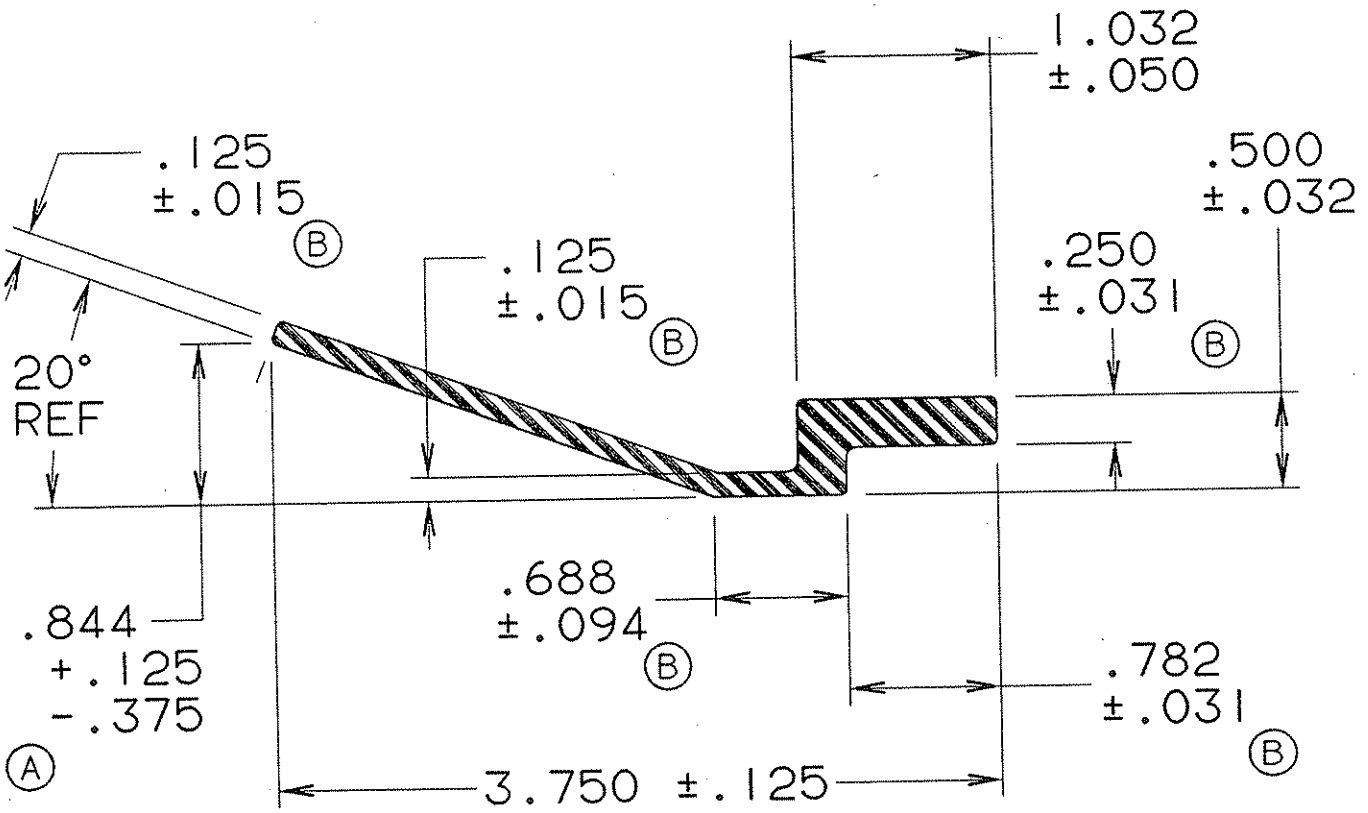
CHG	JOB/RLSE NO	DATE	BY	REVISION
-	PH0330-09	04/20/90	RDF	DOCUMENTED
A	P5931G-01	05/18/90	RDF	ADDED -001, DIM A
B	P8548G-01	10/16/90	SJT	ADD -002, REVISE WT.-000, & -001

DRAWN	PLD	TITLE	DRAWING NUMBER
APPRV	RDF	EXTRUSION, RUBBER SEAL, COWL-TO-HOOD	48-03041
DATE	5-4-90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. B
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

1 ALL FILLET RADII = .062 ±.031

2 ALL OUTSIDE RADII = .031 ±.031



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
	1		48-03041-000

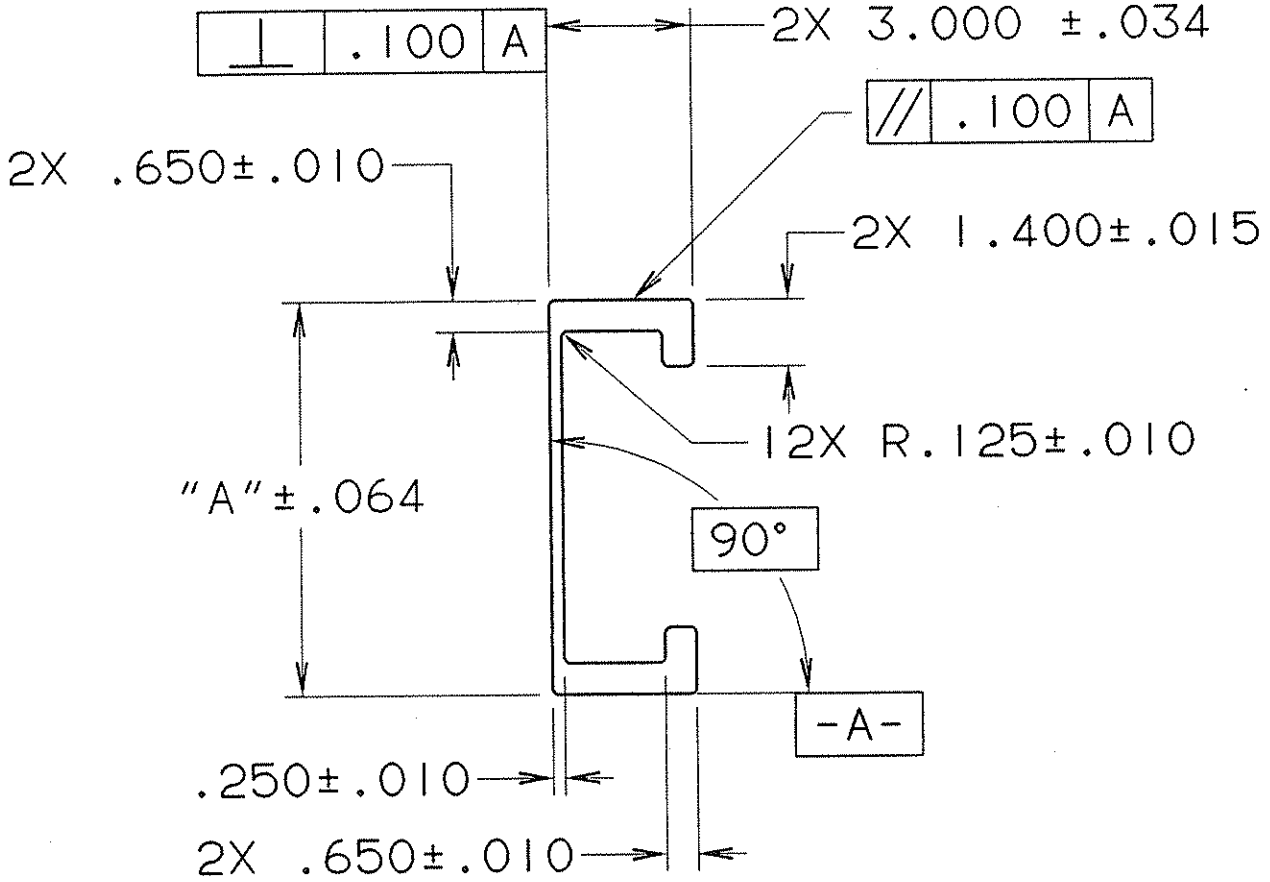
1 RUBBER
A DUROMETER 80 EPDM
COLOR: BLACK

2 PART MAY BE RESTRAINED FOR CHECKING

CHG	JOB NO	DATE	BY	REVISION
-	P5050G	5-4-90	PLD	INITIAL RELEASE
A	P5050G	9-5-90	PLD	FROM ±.125 TO +.125/-.375
B	P6730G-03	6-3-91	PLD	FROM ±.010, ±.010, ±.020, ±.031, ±.015 TO ±.015, ±.015, ±.031, ±.094, ±.031

APPRV	GHA	EXTRUDED ALUMINUM CROSS MEMBER	48-03042
DATE	06-18-90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1

UNLESS OTHERWISE NOTED, ALL DIMENSIONS IN INCHES.



MATERIAL	DIMEN "A"	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6061-T6	7.743	6.079	0.595	48-03042-001
6061-T6	8.267	6.603	0.646	48-03042-000

SPECIFICATIONS:

1. FINISH: AS EXTRUDED
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE.
3. TOLERANCES OTHER THAN NOTED PER ALUMINUM ASSOC. STANDARDS AND ANSI H35.2.

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	PH0384-03	06-18-90	RDF	DOCUMENTED
A	P8386G-01	04-23-91	TJM	ADDED GDT

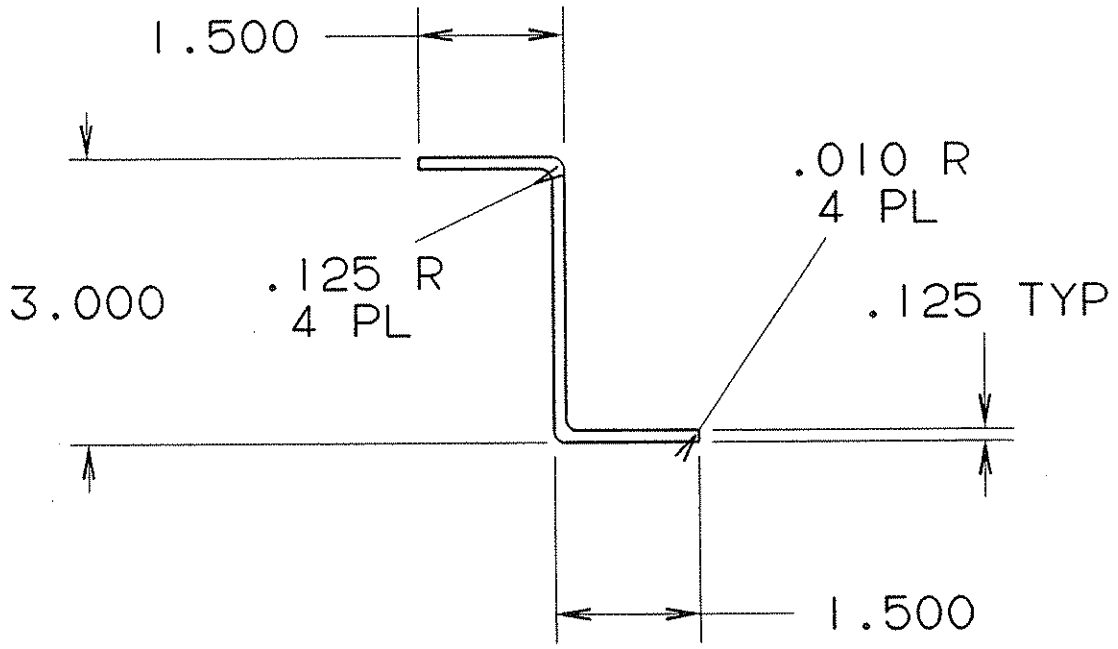
DRAWN	EWB	TITLE	ITEM NUMBER
APPRV	RDF	EXTRUSION-ALUMINUM ZEE	48-03043
DATE	07/16/90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1

UNLESS NOTED, ALL DIMENSIONS IN INCHES.

SCOPE: THIS SPECIFICATION INDENTIFIES THE CONFIGURATION OF A PARTICULAR LIGHT METAL EXTRUSION.

APPLICATION: ESPECIALLY USED TO REINFORCE THE COE TUNNEL COVER TOP PANEL.

SKETCH:



MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6061-T4	.720	.071	48-03043-000

SPECIFICATIONS:

1. FINISH: AS EXTRUDED
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE.
3. TOLERANCES OTHER THAN NOTED PER ALUMINUM ASSOCIATION STANDARDS AND ANSI H35.2.

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	P5459F-02	07/16/90	RDF	DOCUMENTED
A	P5459F-03	08/03/90	RDF	FROM 2.611 TO 3.000

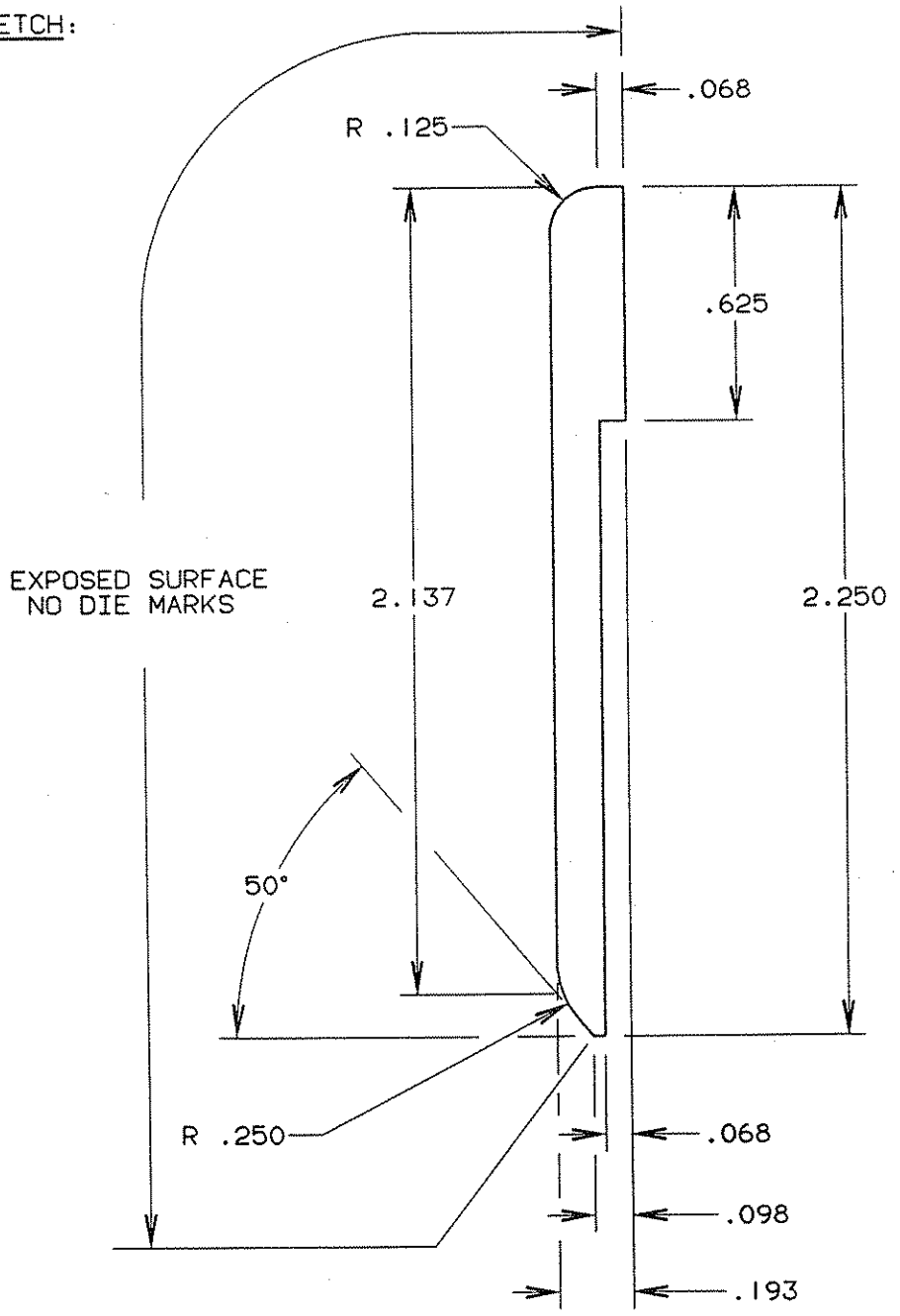
DRAWN	PMT	TITLE	DRAWING NUMBER
APPRV	PWS	EXTRUSION BELT RAIL	48-03044
DATE	08-01-90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 2 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SCOPE: THIS SPECIFICATION IDENTIFIES A PARTICULAR ALUMINUM EXTRUSION.

APPLICATION: OUTER BELT RAIL-CAB DOOR

SKETCH:



CHG	JOB NO	DATE	BY	REVISION
-	PK0325	08-01-90	PMT	INITIAL RELEASE.

DRAWN	PMT	TITLE	DRAWING NUMBER	
APPRV	PWS	EXTRUSION DOOR FRAME	48-03044	
DATE	07-06-90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 2 OF 2	CHG. LTR. -
CADAM ORIGINAL				

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SPECIFICATIONS:

MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6061-T6	.3138	.0314	48-03044-000

1. UNSPECIFIED CORNER RADIUS: $.010^{+.008}_{-.005}$
2. FINISH: AS EXTRUDED.
3. SCALE: 2X EXCEPT AS NOTED.
4. TOLERANCE: ±.005 EXCEPT AS NOTED.

CHG	JOB NO	DATE	BY	REVISION
-	PK0325	07-06-90	PMT	INITIAL RELEASE.

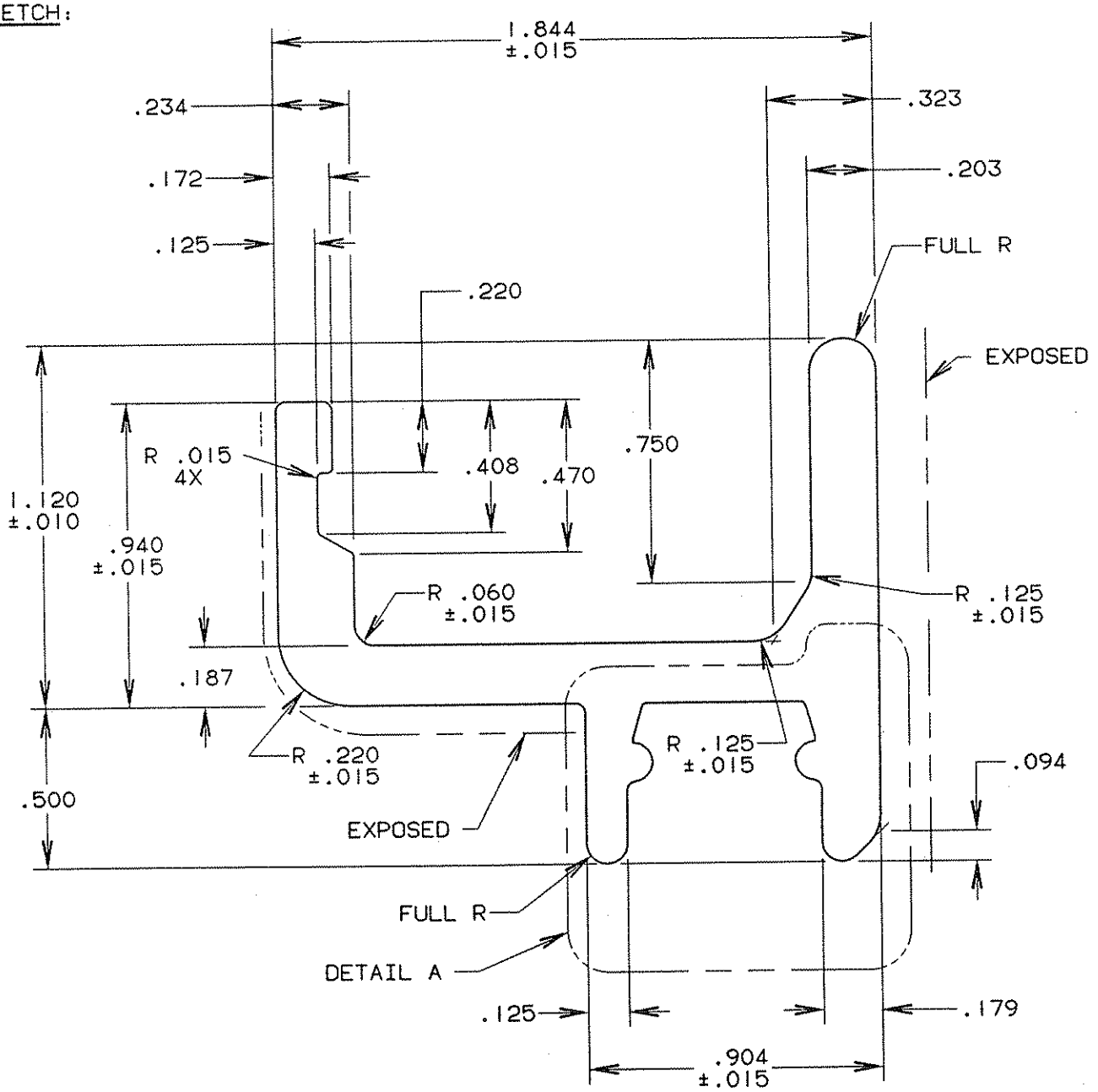
DRAWN	PMT	TITLE	DRAWING NUMBER
APPRV	PWS	EXTRUSION DOOR FRAME	48-03045
DATE	09-27-90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 3 / CHG. LTR. B
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SCOPE: THIS SPECIFICATION IDENTIFIES A PARTICULAR ALUMINUM EXTRUSION.

APPLICATION: CAB DOOR FRAME

SKETCH:



CHG	JOB NO	DATE	BY	REVISION
-	PK0325	09-27-90	PMT	INITIAL RELEASE.
A	PK0325	10-09-90	PMT	MAT'L FROM 6063-T4 TO 6005-T1
B	PK0325-26	04-01-91	PMT	REMOVED RAISED BEAD

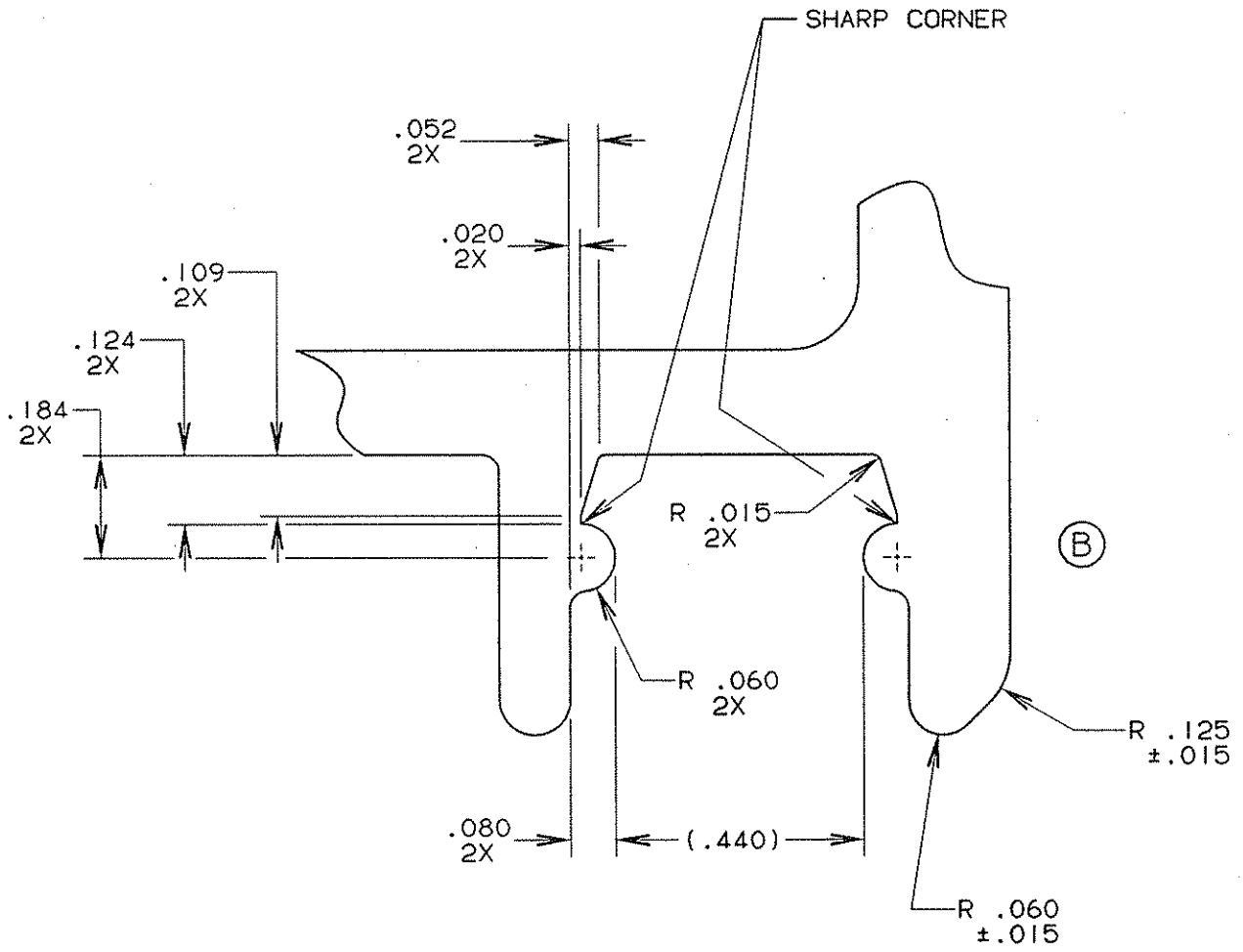
DRAWN	PMT	TITLE	DRAWING NUMBER	
APPRV	PWS	EXTRUSION DOOR FRAME	48-03045	
DATE	09-27-90			
CADAM ORIGINAL		FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 2 OF 3	CHG. LTR. B

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SCOPE: THIS SPECIFICATION IDENTIFIES A PARTICULAR ALUMINUM EXTRUSION.

APPLICATION: CAB DOOR FRAME

SKETCH:



DETAIL A

SCALE: 3X

CHG	JOB NO	DATE	BY	REVISION
-	PK0325	09-27-90	PMT	INITIAL RELEASE.
A	PK0325	10-09-90	PMT	MAT'L FROM 6063-T4 TO 6005-T1
B	PK0325-26	04-01-91	PMT	REMOVED RAISED BEAD

DRAWN	PMT	TITLE	DRAWING NUMBER	
APPRV	PWS	EXTRUSION DOOR FRAME	48-03045	
DATE	09-27-90	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 3 OF 3	CHG. LTR. B
CADAM ORIGINAL				

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES

SPECIFICATIONS:

MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
(A) 6005-T1	.8441	.0819	48-03045-000

1. UNSPECIFIED CORNER RADIUS: $.030 \begin{smallmatrix}+.005\\-.010\end{smallmatrix}$
2. FINISH: AS EXTRUDED.
3. SCALE: 2X & NOTED
4. TOLERANCE: ±.005 EXCEPT AS NOTED.

CHG	JOB NO	DATE	BY	REVISION
-	PK0325	06-22-90	PMT	INITIAL RELEASE.
A	PK0325	10-09-90	PMT	MAT'L FROM 6063-T4 TO 6005-T1
B	PK0325-26	04-01-91	PMT	REMOVED RAISED BEAD

DRAWN	SJT	TITLE	ITEM NUMBER
APPRV	RDF	FLAT BAR, ALUMINUM EXTRUSION, 6061	48-03046
DATE	04/15/91	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1

UNLESS OTHERWISE NOTED, ALL DIMENSIONS IN INCHES.

SCOPE: THIS SPECIFICATION IDENTIFIES 6061 ALUMINUM FLAT BAR.

APPLICATION: GOOD FORMABILITY, WELDABILITY, AND CORROSION RESISTANCE. ONE OF THE MOST VERSATILE OF THE HEAT TREATABLE ALLOYS. SUPERIOR ANODIZING CHARACTERISTICS AND USED EXTENSIVELY IN FORGING APPLICATIONS.

SPECIFICATION NUMBERS:

SIZE		TEMPER	FREIGHTLINER SPECIFICATION NUMBER
THICKNESS	WIDTH		
1/2	5.796	T6511	48-03046-000

SPECIFICATIONS:

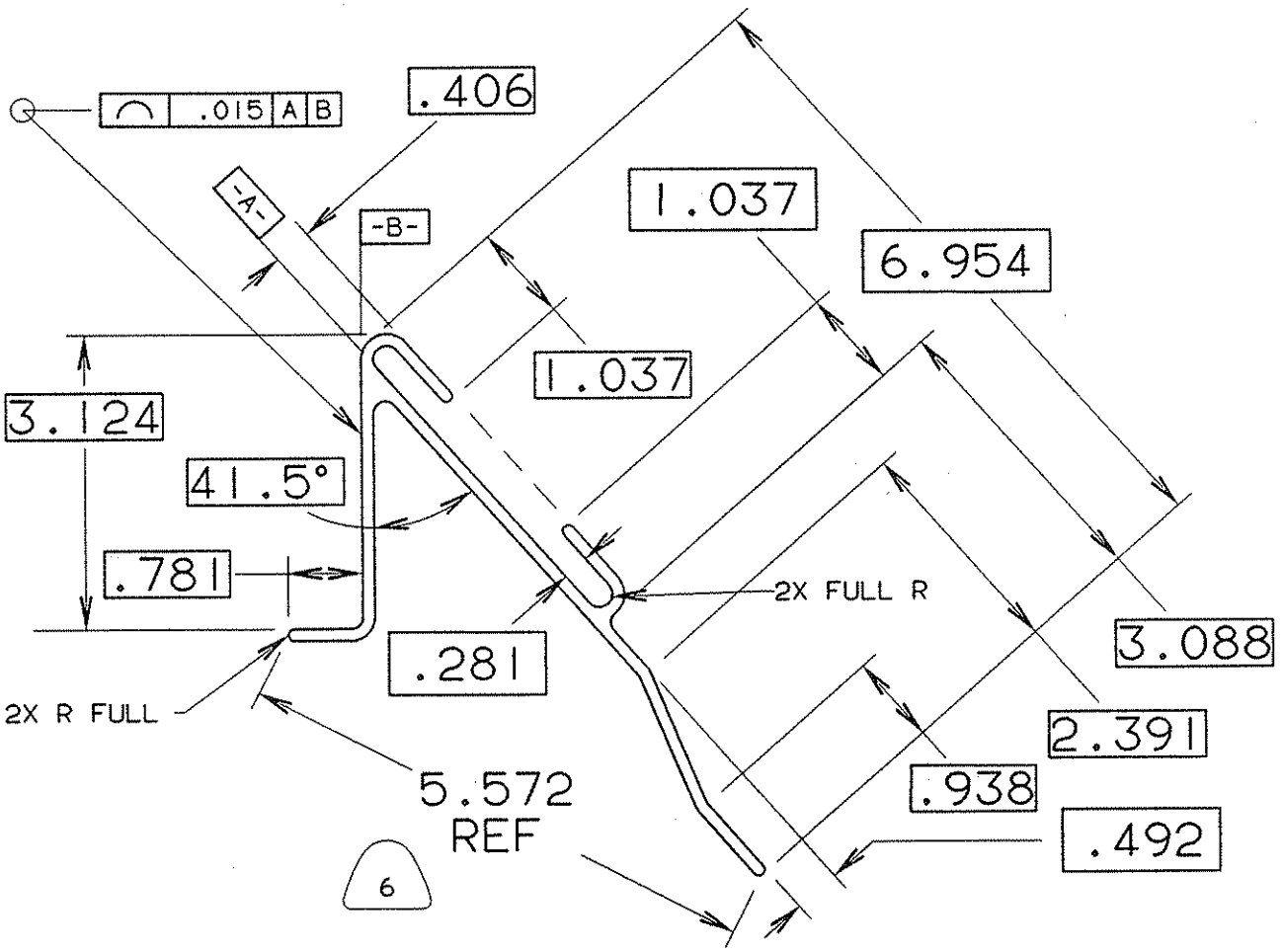
1. BAR HEREIN DESCRIBED SHALL MEET APPLICABLE PROVISIONS OF QQ-A-200/8.
2. MECHANICAL PROPERTIES:

TEMPER	MINIMUM PROPERTIES		
	TENSILE ULT K.S.I.	YIELD K.S.I.	ELONGATION % IN 2.000 INCHES
T6511	38	35	8-10

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	PH0434-01	04/15/91	SJT	DOCUMENTED

DRAWN	WLK	TITLE	DRAWING NUMBER
APPRV	RDF	EXTRUSION, CLASSIC VISOR	48-03048
DATE	03/04/91	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES



MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6063-T6	1.639	.156	48-03048-000

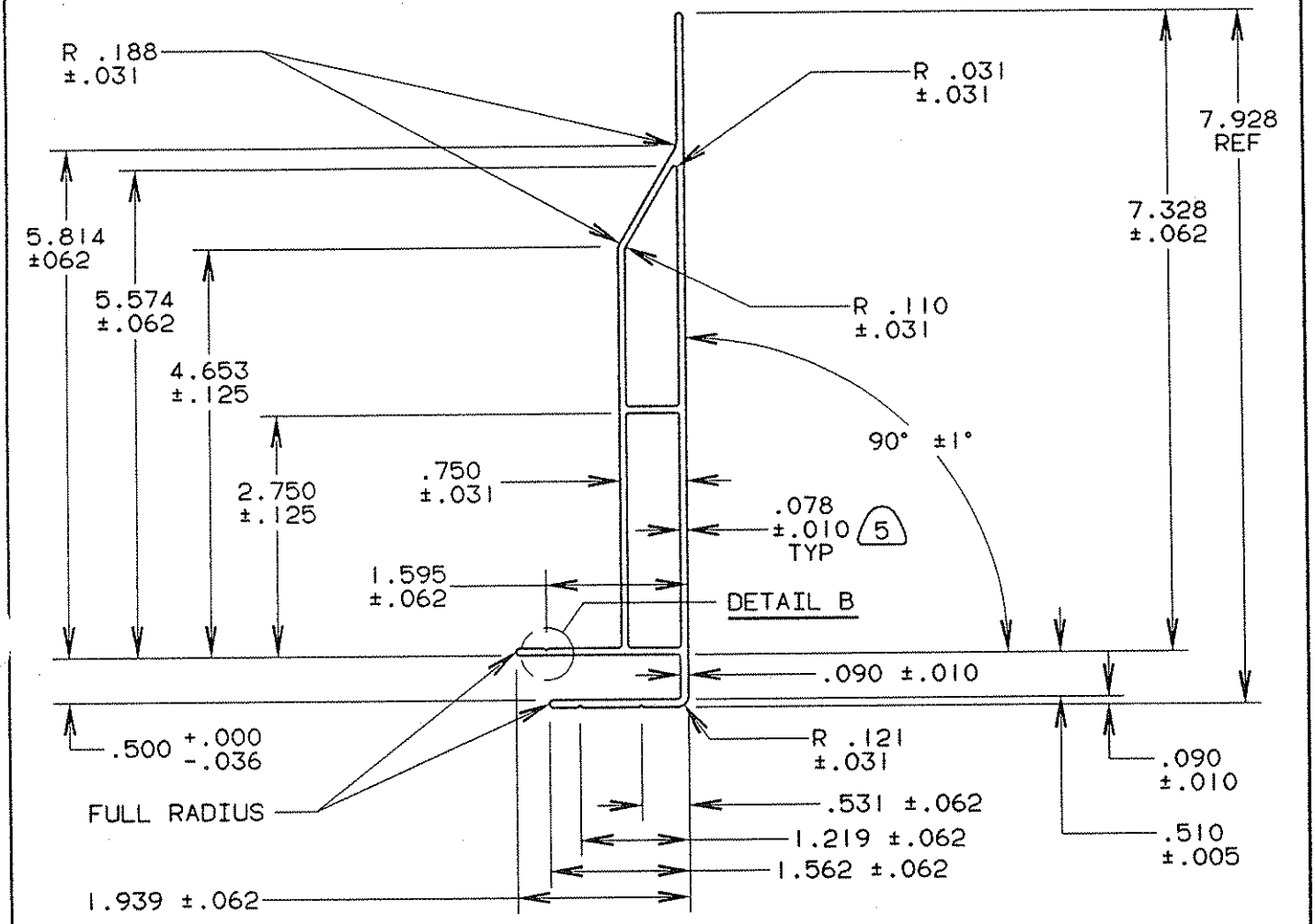
SPECIFICATIONS:

1. FINISH: AS EXTRUDED
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE
3. TOLERANCES OTHER THAN NOTED PER ALUMINUM ASSOC STDS& ANSI H35.2
4. ALL INSIDE RADII TO BE .125 ±.015 UNLESS OTHERWISE SPECIFIED.
5. WALL THICKNESS .125 TYP
6. MAY BE RESTRAINED TO THIS DIMENSION DURING INSPECTION.

CHG	JOB NO	DATE	BY	REVISION
-	PL0316-07	03/04/91	RDF	INITIAL RELEASE

DRAWN	JMW	TITLE	DRAWING NUMBER
APPRV	PWS	EXTRUSION, AL PANEL, BUNK	48-03052
DATE	05/30/91	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 2 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES



MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6063-T5	1.405	.1083	48-03052-000

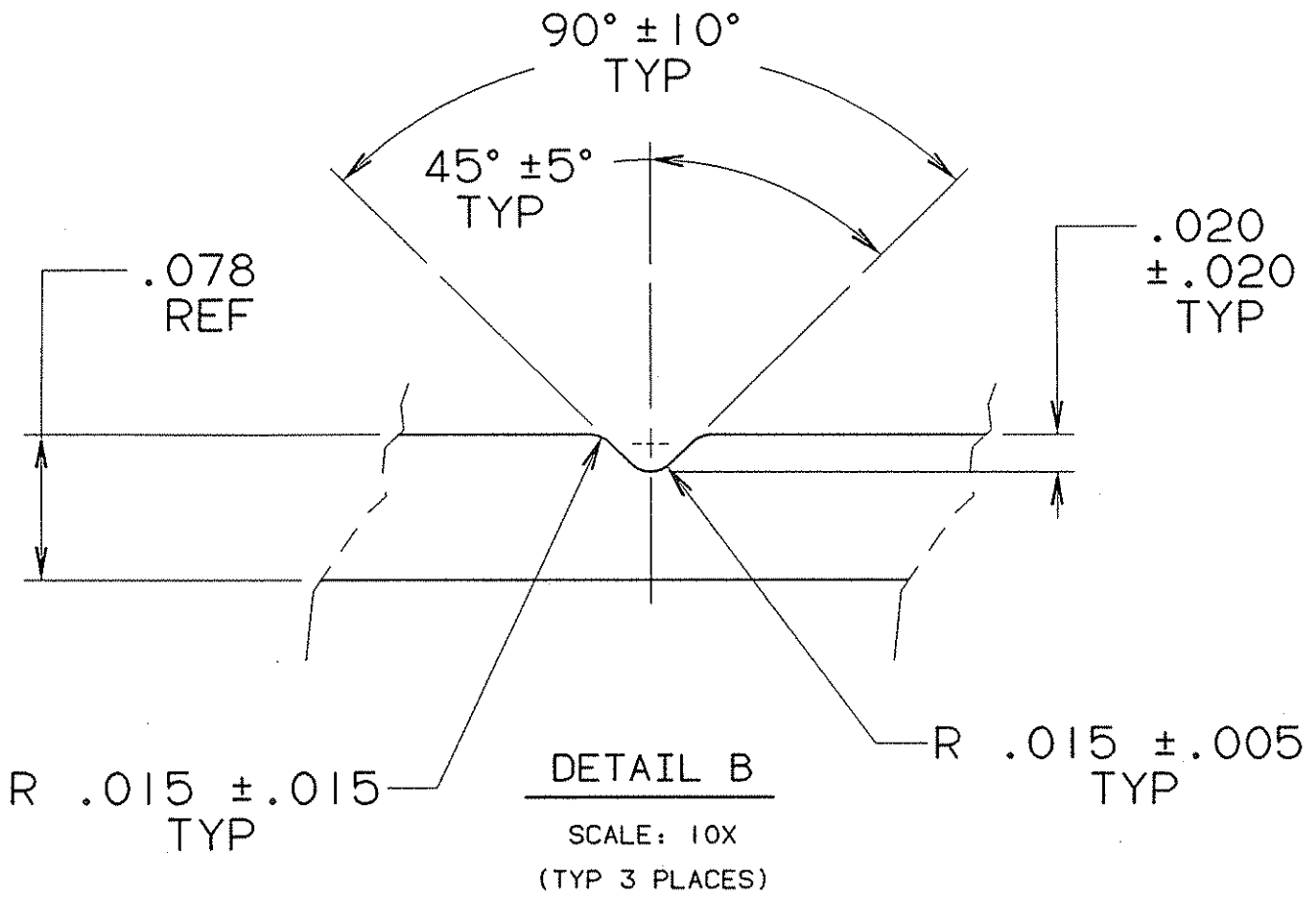
SPECIFICATIONS:

1. FINISH: AS EXTRUDED.
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE.
3. TOLERANCES OTHER THAN NOTED PER ALUMINUM ASSOC. STANDARDS AND ANSI H35.2.

CHG	JOB NO	DATE	BY	REVISION
-	PK0393-01	05/30/91	JMW	ORIGINAL RELEASE

DRAWN	JMW	TITLE	DRAWING NUMBER
APPRV	PWS	EXTRUSION, AL PANEL, BUNK	48-03052
DATE	05/30/91	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 2 OF 2 / CHG. LTR. -
CADAM ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES



DETAIL B

SCALE: 10X

(TYP 3 PLACES)

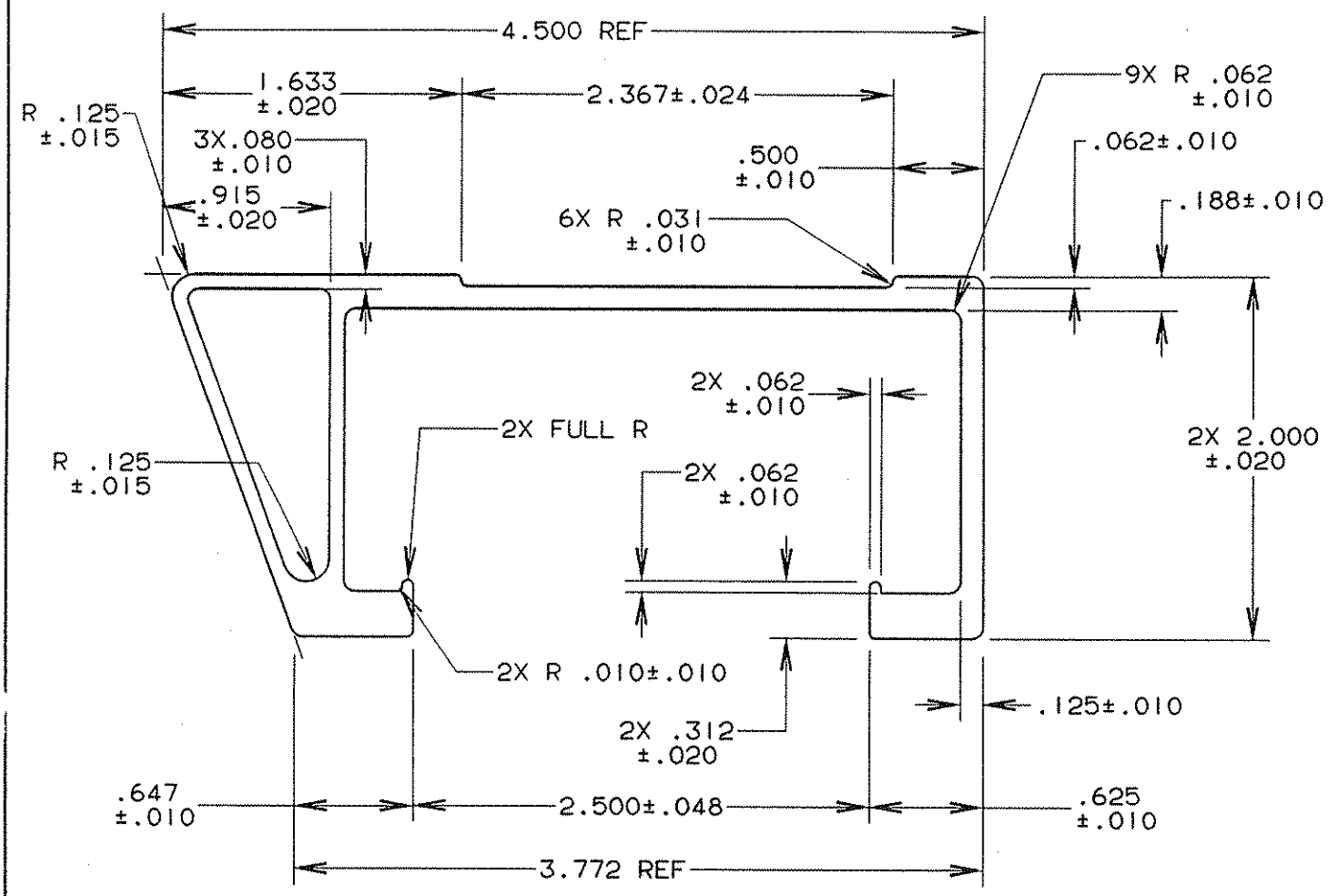
SPECIFICATIONS:

4. ALL FILLET RADII .031 ±.010 UNLESS OTHERWISE NOTED.
5. UNLESS OTHERWISE NOTED.
6. SCALE: 1/2 & NOTED.

CHG	JOB NO	DATE	BY	REVISION
-	PK0393-01	05/30/91	JMW	ORIGINAL RELEASE

DRAWN	BT	TITLE	DRAWING NUMBER	
APPRV	TAL	EXTRUSION, STEP SUPPORT, FAIRING	48-03054	
DATE	06/28/91			
CADAM ORIGINAL		FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET | OF |	CHG. LTR. -

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES



MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6005-T5	1.410	.137	48-03054-000

SPECIFICATIONS:

1. FINISH: AS EXTRUDED
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SIZE.
3. ALLOWABLE TWIST AND/OR BEND .5° PER FOOT
4. TOLERANCES OTHER THAN NOTED PER ALUMINUM ASSOC. STANDARDS AND ANSI H35.2.

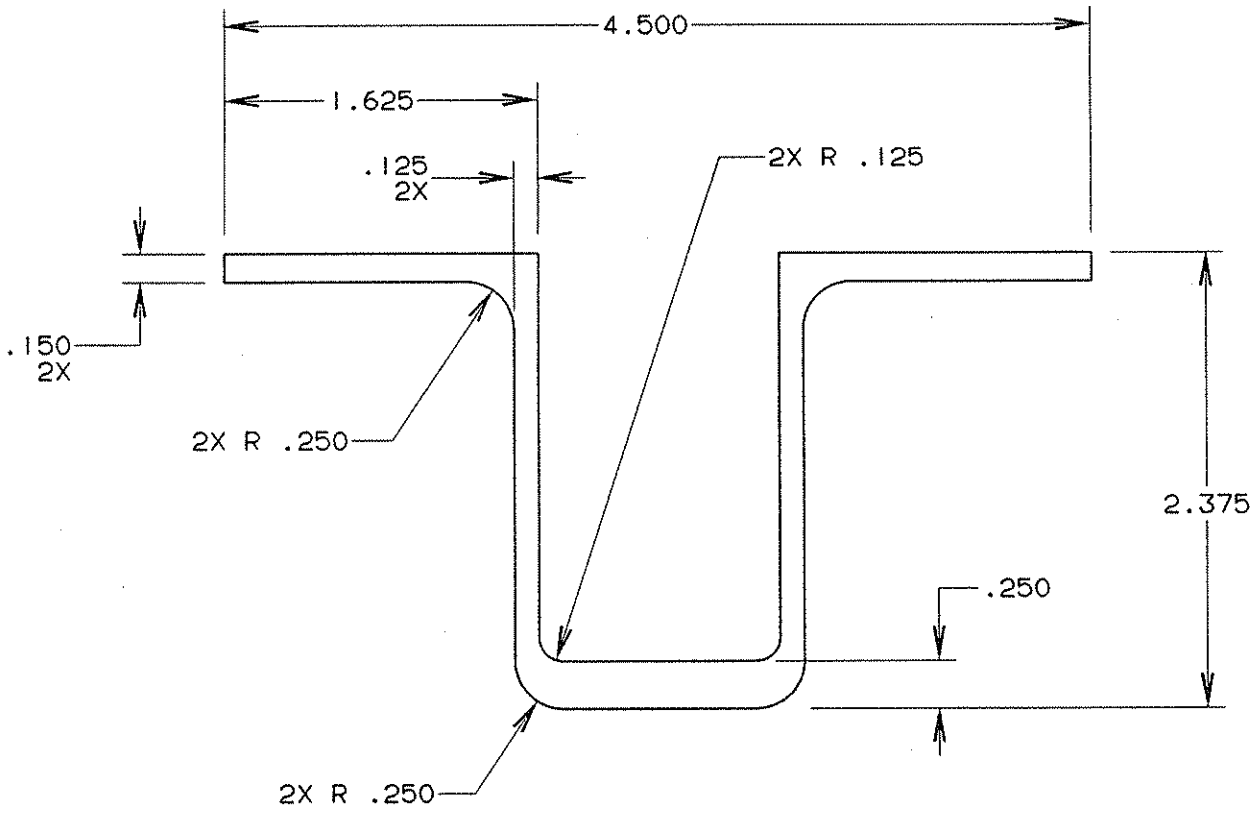
CHG	JOB NO	DATE	BY	REVISION
-	PH0335-02	06/28/91	BT	DOCUMENTED

DRAWN	PMT	TITLE EXTRUSION CURTAIN HEADER	ITEM NUMBER 48-03061
APPRV	PWS		
DATE	11/11/91	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1

SCOPE: THIS SPECIFICATION IDENTIFIES A PARTICULAR ALUMINUM EXTRUSION.

APPLICATION: COE CURTAIN HEADER

SKETCH:



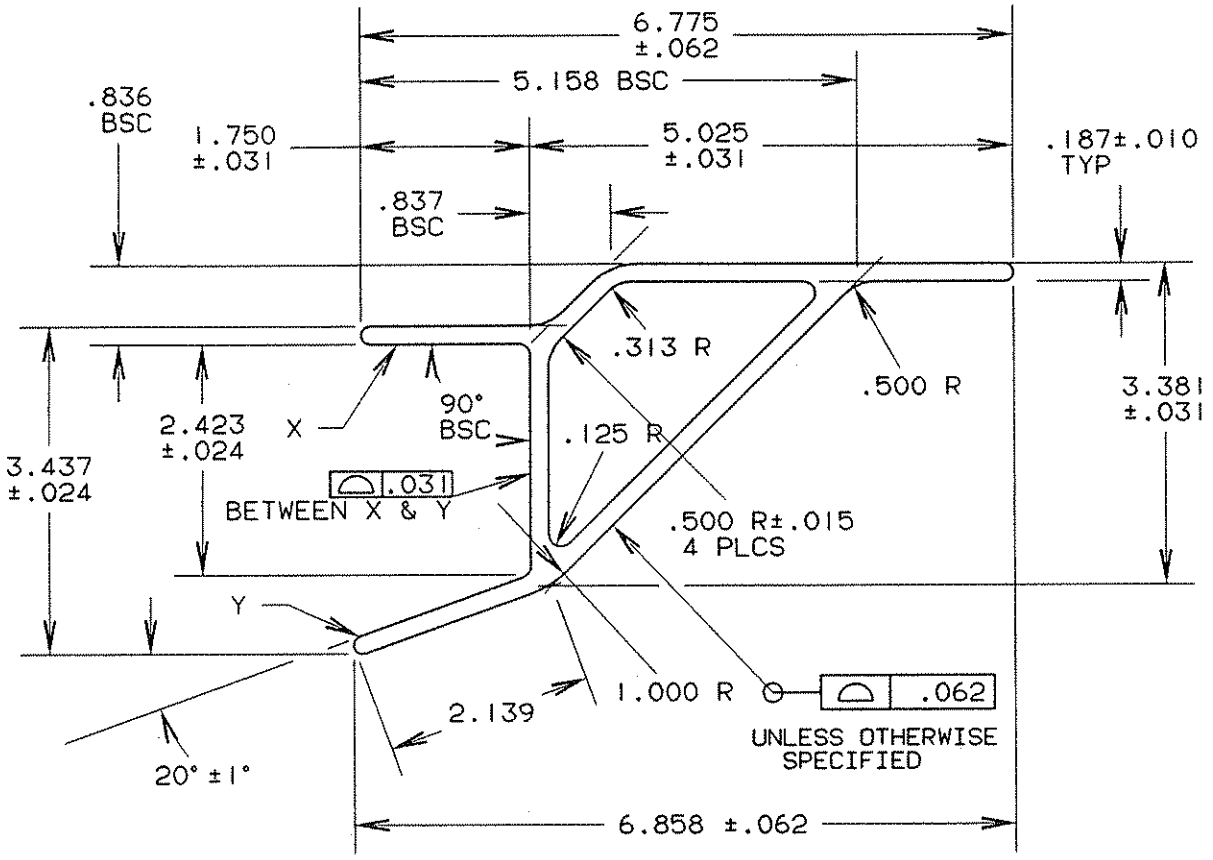
MATERIAL	AREA SQ. IN.	WEIGHT LB/IN	F/L SPEC NO.
6005-T5	1.3629	.1363	48-03061-000

SPECIFICATIONS:

1. FINISH: AS EXTRUDED
2. F/L CAN SUPPLY OPTICAL TRACING TEMPLATES TO ANY DESIRED SCALE.
3. TOLERANCES OTHER THAN NOTED PER ALUMINUM ASSOCIATION STANDARDS AND ANSI H35.2.

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	PK0364-07	11/11/91	ERK	DOCUMENTED

DRAWN	BT	TITLE	DRAWING NUMBER	
APPRV	TAL	EXTRUSION LOWER STEP SUPPORT, FAIRING	48-03003	
DATE	10-13-87	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. A
CADAM ORIGINAL				
UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES		UNIT OF MEASURE: FT		



	MATERIAL	EXTRUSION DIE NUMBER	FREIGHTLINER SPECIFICATION NUMBER
	(2)	ADG 7267	48-03003-000

ENGINEERING NOTES:

1. SURFACE FINISH TO BE AS EXTRUDED.
2. MATERIAL: ALUMINUM 6061-T6 EXTRUDED.
3. AREA: 3.032 IN^2
4. ALLOWABLE TWIST AND/OR BEND .5° PER FOOT

CHG	JOB NO	DATE	BY	REVISION
-	PH0278	10-13-87	BT	ORIGINAL RELEASE
A	P2445D	04-12-89	GSC	REVISED AND REDRAWN.