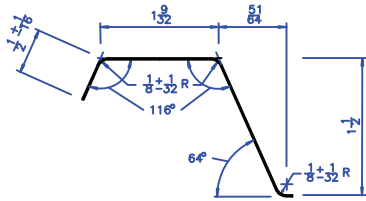
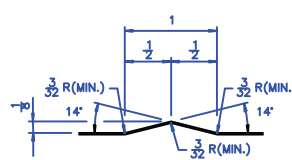


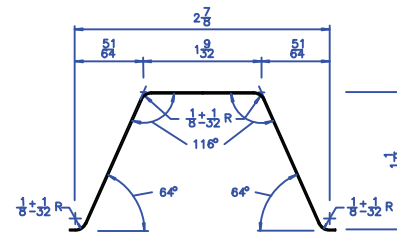
CROSS SECTION



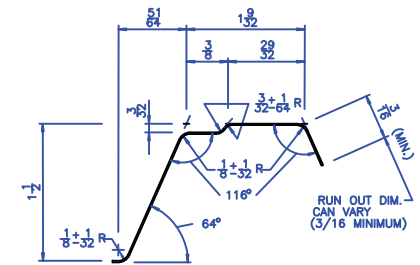
END CORRUGATION (WITHOUT SEALANT GROOVE)



TYPICAL BEAD



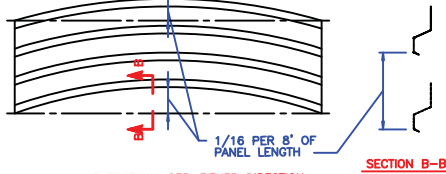
TYPICAL INTERIOR CORRUGATION



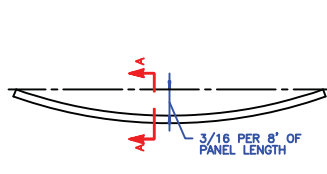
END CORRUGATION (WITH SEALANT GROOVE)

NOTES:

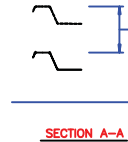
- ANGLE TOLERANCES $\pm 2^\circ$, EXCEPT AS SHOWN. HORIZONTAL PLANES $\pm 2^\circ$ FROM HORIZONTAL, EXCEPT AS SHOWN. ANGLES TO BE MEASURED FROM A FLAT PLANE, WITH PANEL HELD TO THAT PLANE WITHOUT DISTORTION OF AS FABRICATED WIDTH AND WITH OUTSIDE CORRUGATIONS FREE.
- CROSS SECTION TOLERANCES SHOWN TO BE HELD THROUGHOUT LENGTH OF PANEL EXCEPT WHERE PANEL IS BY SHEARING OR BENDING.
- MAXIMUM ALLOWABLE LATERAL OR VERTICAL DISTORTION BY THE SHEARING OPERATIONS IS $\pm 1/32$ FROM AS ROLLED SHAPE.
- DIMENSIONS SHOWN ARE FOR PANEL HELD IN FLAT PLANE, WITHOUT DISTORTION OF AS FABRICATED WIDTH AND WITH OUTSIDE CORRUGATIONS FREE.
- ANY REDUCTION IN AREA AT BEND RADII SHALL NOT EXCEED 10% OF ADJACENT MATERIAL THICKNESS.



ALLOWABLE EDGE CAMBER—EITHER DIRECTION



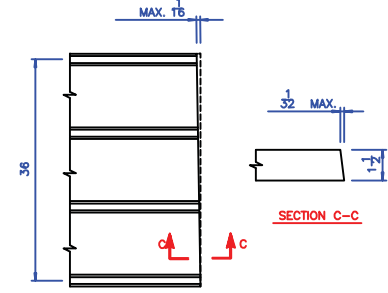
ALLOWABLE BOW—EITHER DIRECTION



SECTION A-A

ALLOWABLE COMBINATION OF CAMBER AND BOW (PER L OF PANEL LENGTH)

CAMBER IN' L OF PANEL LENGTH								BOW IN' L OF PANEL LENGTH							
32	28	24	20	16	12	8	0	8	12	16	20	24	28	32	
1/4	7/32	3/16	5/32	1/8	3/32	1/16	0	0	0	0	0	0	0	0	
3/16	11/64	9/64	1/8	3/32	5/64	3/64	1/32	3/64	1/16	3/32	1/8	5/32	3/16	7/32	
1/8	7/64	3/32	5/64	1/16	3/64	1/32	3/32	9/64	3/16	15/64	9/32	21/64	3/8	1/2	
1/8	7/64	3/32	5/64	1/16	3/64	1/32	1/8	3/16	1/4	5/16	3/8	7/16	1/2	1/2	
1/16	1/16	3/64	3/64	1/32	3/64	1/64	5/32	15/64	5/16	25/64	15/32	35/64	5/8	3/4	
0	0	0	0	0	0	0	3/16	9/32	3/8	15/32	9/16	21/32	3/4	3/4	



SQUARENESS TOLERANCE

FOR PANELS WITH OUTSIDE CORRUGATIONS CAMBERED IN OPPOSITE DIRECTIONS, THE TOTAL IS NOT TO EXCEED 1/16 PER 8' PANEL LENGTH.

MATERIALS		
FLAT MAT'L ORDER WIDTH	THICKNESS & MATERIAL	MAT'L SPECS.
1/4 - 0 43/4 + 1/16	24 AND 26 GA. PRE-PAINTED STEEL	ASTM A653 GRADE 45 STEEL, BMC SPEC. NO. 10090 & 10156.
1/4 - 0 43/4 + 1/16	28GA. PRE-PAINTED STEEL	ASTM A653 GRADE 80 STEEL, BMC SPEC. NO. 10090 & 10156.

NO.	REVISION	DRAWN KB. NO.	CHECKED ENGRG.	NO.	REVISION	DRAWN KB. NO.	CHECKED ENGRG.
7	REVISED & REDRAWN FOR CLARITY	CWS	JWH	10	CONVERTED TO AUTOCAD UPDATED MATERIAL SPECIFICATIONS ASTM WAS A445. ADDED EMS NUMBERS TO MATERIALS BLOCK.	VLJ	9702
8	CHANGED FLAT WIDTH & GRADE REVISED END LIP DIMENSIONS.	RHE	JRS				
9	ADDED MAT'L. CHART & REDRAWN FROM "D" SIZE TO "B" SIZE.	RHE	JDA	6	REVISED MAT'L. WIDTH TO 43 5/8 WAS 43 3/4. 1/2" LIP WAS 5/8".	RWR	RWR

- TOLERANCES AS FOLLOWS UNLESS OTHERWISE NOTED:
 - MACHINING $+ 1/64$
 - SHEET METAL SHEARING THRU TO GA. $\pm 1/16$
 - STRUCTURAL LENGTH $\pm 1/8$
 - BRAKE PARTS $\pm 2^\circ$
 - PUNCHING LOCATION $\pm 1/16$
- ALL WELDING SYMBOLS ARE ACCORDING TO BUTLER STDS.
- FOR MACHINING FINISHES SEE BUTLER STANDARDS BOOK

ITEM NO.	NO. REQ'D.	PART NUMBER	NAME AND SIZE	MAT'L. OR SPEC.
BUTLER II WALL PANEL				
DRAWN BY	JDA	CHECKED BY	RLA	PRODUCT ENGRG. APPR.
			RKP	KB NUMBER
PART WT.				NEXT ASSM. DWG. NO. NON-SHIPPIABLE
ORDER NUMBER				PART GROUP NO. 10-30
				FIRST RELEASE DATE UNKNOWN
				REVISION DATE 11/15/96
				BUTLER MANUFACTURING COMPANY
				BUTLER
				GENERAL OFFICES - KANSAS CITY, MISSOURI
				B 027160 10