

# NORTH EAST WINDOWS USA, LLC TEST REPORT

**SCOPE OF WORK**

AAMA/WDMA/CSA 101/I.S.2/A440 TESTING ON DH990/ DOUBLE HUNG WINDOW

**REPORT NUMBER**

K1989.01-525-44-R0

**TEST DATE(S)**

04/29/21 - 04/30/21

**ISSUE DATE**      **[REVISED DATE]**

07/07/21      12/21/21

**RECORD RETENTION END DATE**

04/30/25

**PAGES**

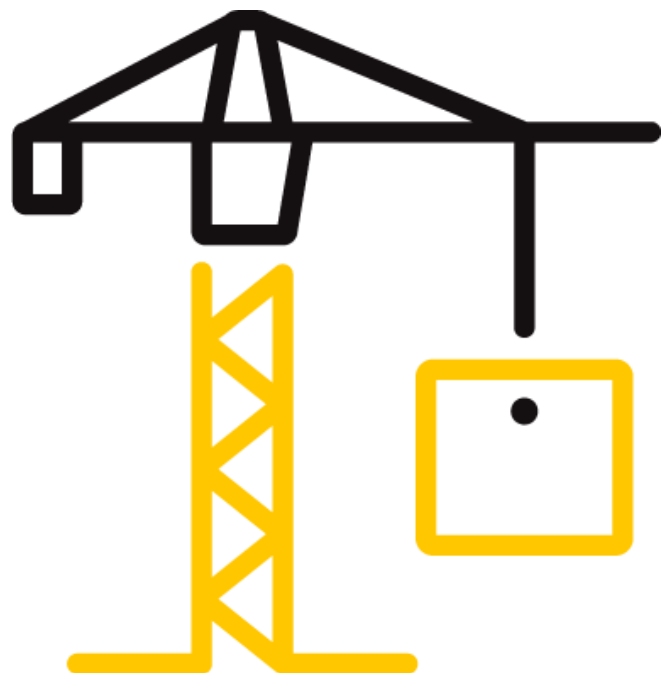
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**DOCUMENT CONTROL NUMBER**

ATI 00506 (07/24/17)

RT-R-AMER-Test-2809

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## TEST REPORT FOR CUSTOMER NAME OR SIMPLE NAME

Report No.: K1989.01-525-44-r0

Date: 07/07/21

### REPORT ISSUED TO

#### NORTH EAST WINDOWS USA, LLC

One Keen Place

Merrick, NY 11566

### SECTION 1

#### SCOPE

Intertek Building & Construction (B&C) was contracted by North East windows to perform testing in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11, *NAFS 2017 - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*, on their DH990, Double Hung. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at Intertek-Farmingdale test facility in Farmingdale, NY. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

### SECTION 2

#### SUMMARY OF TEST RESULTS

TITLE	RESULTS
Primary Product Designator	R-PG50-1000 x 1600 (40" x 63") -H
Design Pressure	±2400 Pa (± 50 psf)
Air Infiltration	0.3 L/s/m <sup>2</sup> (0.05 cfm/ft <sup>2</sup> )
Water Penetration Resistance Test Pressure	360 Pa (07.52 psf)

For INTERTEK B&C:

<b>COMPLETED BY:</b>	Kevin McNeil	<b>REVIEWED BY:</b>	Brian Philcrantz, FMPC
<b>TITLE:</b>	Technician Team leader – Building & Construction	<b>TITLE:</b>	Regional Manager Building & Construction
<b>SIGNATURE:</b>		<b>SIGNATURE:</b>	
<b>DATE:</b>	12/21/21	<b>DATE:</b>	12/21/21

MJH:km

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### SECTION 3

#### TEST METHOD(S)

The specimens were evaluated in accordance with the following:

**AAMA/WDMA/CSA 101/I.S.2/A440-17**, *NAFS 2011 - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

**AAMA 205-15**, *In-Plant Testing Guidelines for Manufacturers and Independent Laboratories*

**ASTM E283-(2012)**, *Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen*

**ASTM E330/E330M-14**, *Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference*

**ASTM E547-(2016)**, *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference*

**ASTM E987-(2009)**, *Standard Test Methods for Deglazing Force of Fenestration Products*

**ASTM E2068-(2016)**, *Standard Test Method for Determination of Operating Force of Sliding Windows and Doors<sup>1</sup>*

**ASTM F588-14**, *Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact*

### SECTION 4

#### MATERIAL SOURCE/INSTALLATION

Test specimen was provided by the client. Representative samples of the test specimen will be retained by Intertek B&C for a minimum of four years from the test completion date.

The specimen was installed into a Spruce-Pine-Fir wood buck. The rough opening allowed for a 1/4" shim space. The exterior perimeter of the window was sealed with Clear Silicone. Installation of the tested product was performed by the Client.

LOCATION	ANCHOR DESCRIPTION	ANCHOR LOCATION
Exterior face	Extruded nailer fin	Spaced every other hole, 5" on center on extruded nailer fin

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### SECTION 5

#### EQUIPMENT

Calibration of test equipment was performed by Intertek B&C in accordance with AAMA 205-01 "In-Plant Testing Guidelines for Manufacturers and Independent Laboratories"

### SECTION 6

#### LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Michael Hendriks	Intertek B&C
Giovanni Arteaga	Intertek B&C

### SECTION 7

#### TEST SPECIMEN DESCRIPTION

**Product Type:** Double Hung window

**Series/Model:** DH990

**Product Size(s):**

#### Test Specimen #1

OVERALL AREA:	WIDTH		HEIGHT	
	millimeters	inches	Millimeters	inches
1.63 m <sup>2</sup> (17.5 ft <sup>2</sup> )				
Overall Size	1000	40	1600	63
Exterior Sash	921	36.25	749	29.5
Interior Sash	946	37.25	775	30.5

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**Frame Construction:**

FRAME MEMBER	MATERIAL	DESCRIPTION
Head/Jambs/Sill	Rigid PVC	Extruded member drawing # B-3512 QC
Head Adaptor	Rigid PVC	Extruded Drawing # B-3005 QC
Sill adaptor	Rigid PVC	Extruded member drawing # B-3006 QC

	JOINERY TYPE	DETAIL
All Corners	Mitered	Thermally welded

**Sash Construction: Exterior/Interior**

SASH MEMBER	MATERIAL	DESCRIPTION
Top Rail	Rigid PVC	Extruded member drawing # 3003
Stile	Rigid PVC	Extruded member drawing # 3000
Keeper/lock Rail	Rigid PVC	Extruded member drawing # 30004
Glazing bead	Rigid PVC	Extruded member drawing # 3008

	JOINERY TYPE	DETAIL
All Corners	Mitered	Thermally welded

**Reinforcement:**

DRAWING NUMBER	LOCATION	MATERIALS
00311 A	Jambs	Aluminum
00311 A	Keeper rail	Aluminum
00311 A	Top rail	Aluminum
00311 A	Bottom Rail	Aluminum
N/A	All 4 frame corners	Steel angle.
00311 A	Lock rail	Aluminum

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### Weatherstripping:

DESCRIPTION	QUANTITY	LOCATION
Fin Wool pile, 0.298 backed T slot .289 tall.	1 row	Exterior interior sash, meeting rail.
Fin Wool pile, 0.298 backed T slot .289 tall.	2 row	Exterior Interior sash, stile side and front face.
Fin Wool pile, 0.298 backed T slot .289 tall.	1 row	Exterior sash head exterior face.
Fin Wool pile, 0.298 backed T slot .289 tall.	1 row	Interior sash bottom rail interior face.
T slot hollow bulb gasket	1 row	Interior sash bottom rail exterior face.

### INTERIOR SASH

**Glazing:** No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made.

GLASS TYPE	SPACER TYPE	INTERIOR LITE	EXTERIOR LITE	GLAZING METHOD
13/16" IG	Swiggle-aluminum spacer	3/32" Annealed	3/32" Annealed	Wet glazed. Laid in a bed of clear silicone. Spaced in opening with rubber setting blocks.

LOCATION	QUANTITY	DAYLIGHT OPENING		GLASS BITE
		millimeters	inches	
Center of sash	1	349 x 283	34-7/8" x 28-1/4"	0.5"

### EXTERIOR SASH

**Glazing:** No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made.

GLASS TYPE	SPACER TYPE	INTERIOR LITE	EXTERIOR LITE	GLAZING METHOD
13/16" IG	Swiggle-aluminum spacer	3/32" Annealed	3/32" Annealed	Wet glazed. Laid in a bed of clear silicone. Spaced in opening with rubber setting blocks.

LOCATION	QUANTITY	DAYLIGHT OPENING		GLASS BITE
		millimeters	inches	
Center of sash	1	339 x 273	33-7/8" x 27-1/4"	0.5"

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### Drainage:

DRAINAGE METHOD	SIZE	QUANTITY	LOCATION
Weep holes	2" wide by 1/4" high	2	3-1/3" O.C. from right and left side of sill

### Hardware:

DESCRIPTION	QUANTITY	LOCATION
Night Latches	2	Exterior sash stile
Tilt latch	4	2 on each operable sash top rail
Tilt pins	2	2 on each operable sash bottom rail
Tilt lock balances	4	1 per side of operable sash in jamb
Keepers	2	Exterior sash meeting rail
Anti-thief cam locks	2	Interior sash meeting rail

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**SECTION 8**

**TEST RESULTS**

The temperature during testing was 24°C (74°F). The results are tabulated as follows:

**Test Specimen:**

TITLE OF TEST	RESULTS	ALLOWED	NOTE
<p><b>Operating Force,</b> per ASTM E2068</p>	<p><b>Exterior sash:</b></p> <p><b>Initiate Motion:</b> up 718 N (15 lbf) <b>Initiate Motion:</b> down 670 N (14 lbf) <b>Maintain Motion:</b> Up 718 N (15 lbf) <b>Maintain Motion:</b> 670 N (14 lbf) <b>Latches:</b> 27 N (6 lbf)</p> <p><b>Interior Sash:</b></p> <p><b>Initiate Motion:</b> up 58 N (13 lbf) <b>Initiate Motion:</b> down 45 N (10 lbf) <b>Maintain Motion:</b> Up 58 N (13 lbf) <b>Maintain Motion:</b> Down 45 N (10 lbf) <b>Latches:</b> 36 N (8 lbf)</p>	<p>200 N (44.96 lbf) Max</p> <p>155 (34.85 lbf) Max</p> <p>100 N (22.48 lbf) max</p> <p>200 N (44.96) lbf) Max</p> <p>155 (34.85 lbf) Max</p> <p>100 N (22.48 lbf) max</p>	<p>1</p>
<p><b>Air Leakage,</b> Infiltration per ASTM E283 at 75 Pa (1.57 psf)</p>	<p>0.3 L/s/m<sup>2</sup> (0.05 cfm/ft<sup>2</sup>)</p>	<p>1.5 L/s/m<sup>2</sup> (0.3 cfm/ft<sup>2</sup>) max.</p>	<p>1</p>
<p><b>Water Penetration,</b> per ASTM E547 360 Pa (7.52 psf)</p>	<p>Pass</p>	<p>No leakage</p>	<p>1, 4</p>



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TITLE OF TEST	RESULTS	ALLOWED	NOTE
<b>Uniform Load Deflection,</b> per ASTM E330 Deflections taken at meeting rail +2400 Pa (+50.00 psf) -2400 Pa (-50.00 psf)	2.79 mm (0.11") 4.57 mm (0.18")	RECORD ONLY RECORD ONLY	1, 3, 4, 5, 6
<b>Uniform Load Structural,</b> per ASTM E330 Permanent set taken at meeting rail +3600 Pa (+75.00 psf) -3600 Pa (-75.00 psf)	0.0 mm (0.00") 0.25 mm (0.01")	3.68 mm (0.145") max. 3.68 mm (0.145") max.	1,3, 5, 6
<b>Forced Entry Resistance,</b> per ASTM F588 Type: A - Grade: 10	Pass	No entry	1
<b>Thermoplastic Corner Weld</b>	Pass	Meets as stated	1
<b>Deglazing,</b> per ASTM E987 Operating direction, 320 N (70 lbf)	Pass	Meets as stated	1
Remaining direction, 230 N (50 lbf)	Pass	Meets as stated	1

*Note 1: The tested specimen meets the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440 for air leakage resistance.*

*Note 2: Without insect screen.*

*Note 3: The client opted to start at a pressure higher than the minimum required.*

*Note 4: The deflections reported are not limited by AAMA/WDMA/CSA 101/I.S.2/A440 for this product designation. The deflection data is recorded in this report for special code compliance and information only.*

*Note 5: Loads were held for 10 seconds.*

*Note 6: Tape and film were used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.*

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### SECTION 9 ALTERATIONS

*No alterations were required.*

### SECTION 10 CONCLUSION

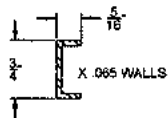
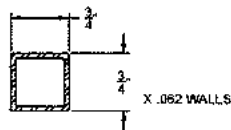
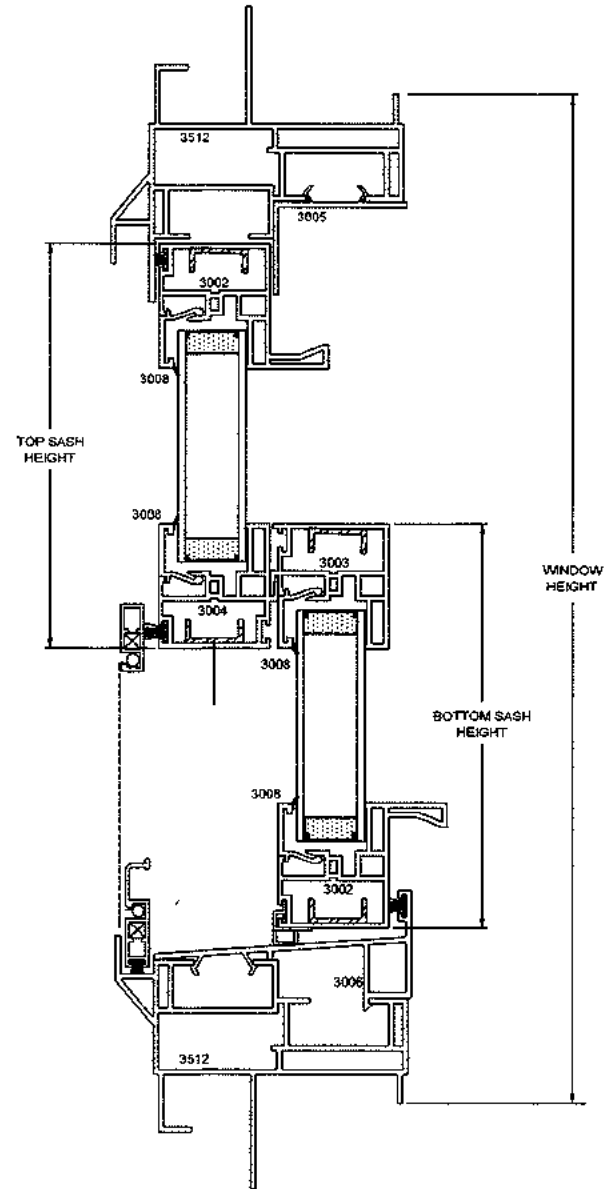
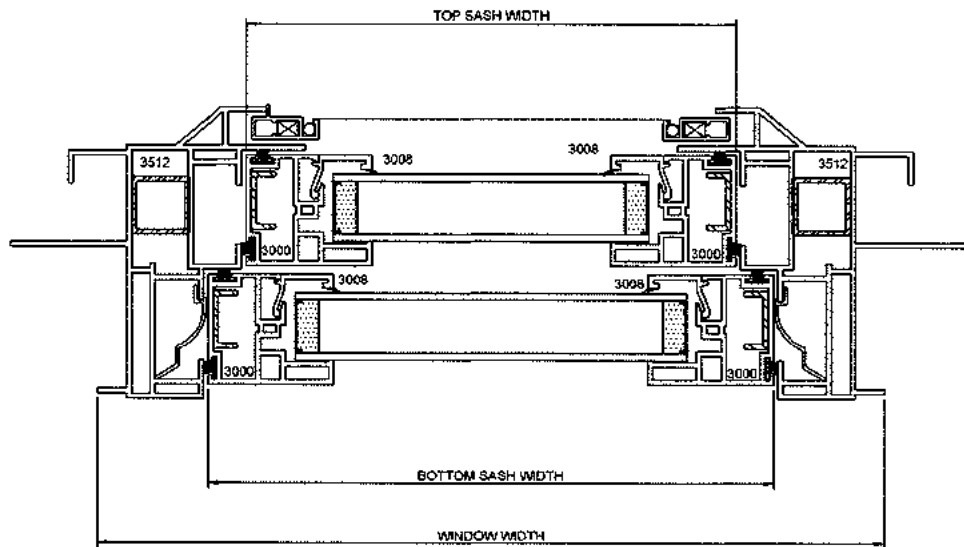
The specimen tested successfully met the performance requirements for a R-PG50-1000 x 1600 (40" x 63") -H rating.

### SECTION 11 DRAWINGS

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek B&C per the drawings included in this report. Any deviations are documented herein or on the drawings.


NORTH EAST WINDOWS USA, INC.

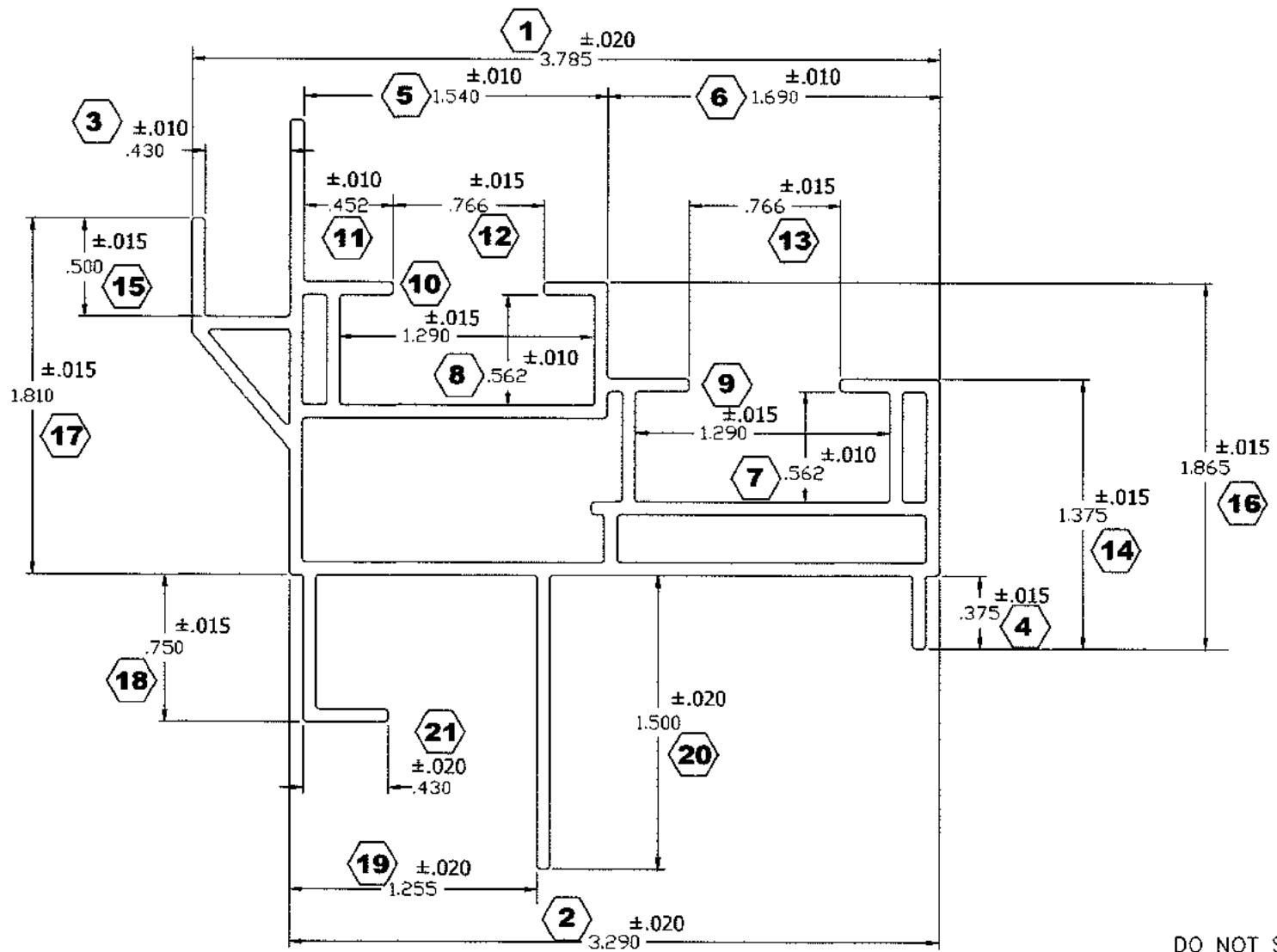
DH990 PROFILE PRINTS & B.O.M.



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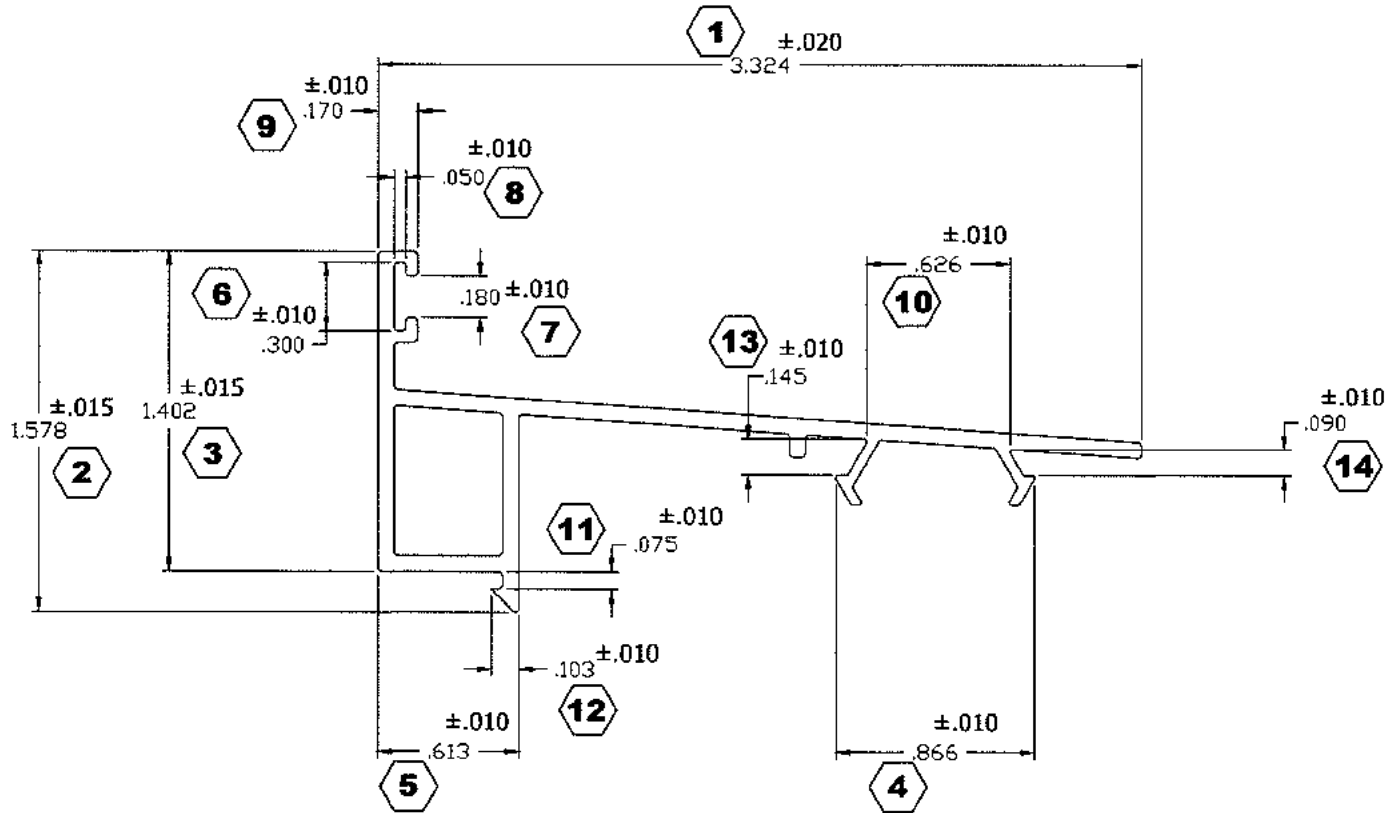
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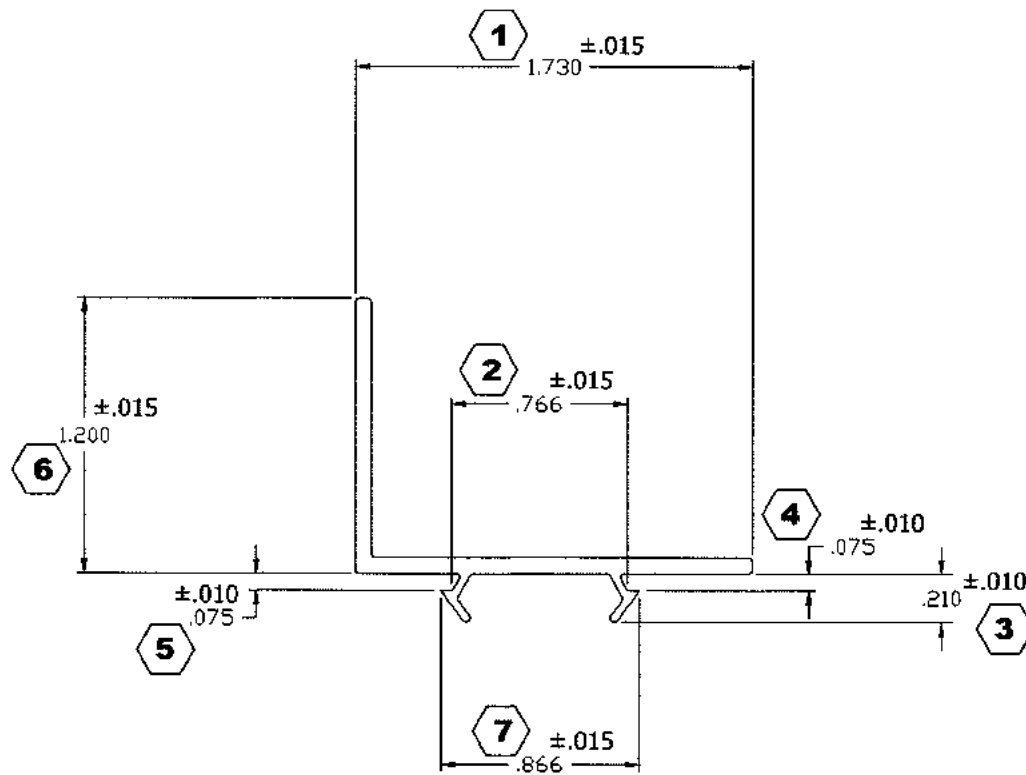
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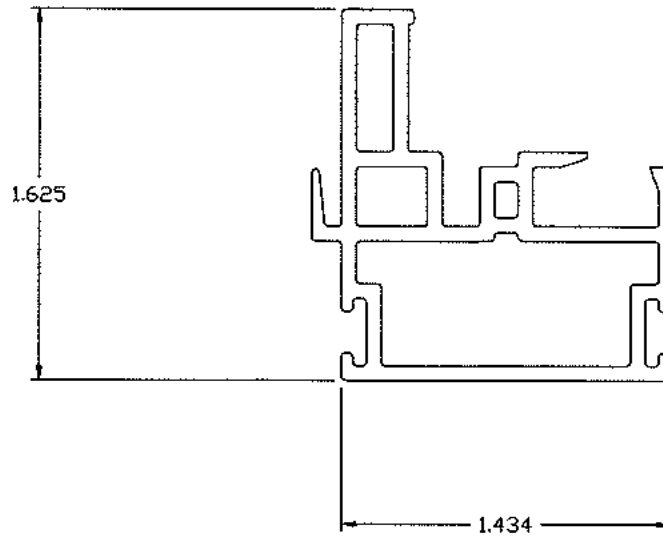
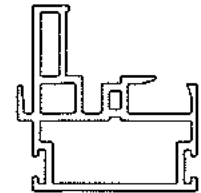
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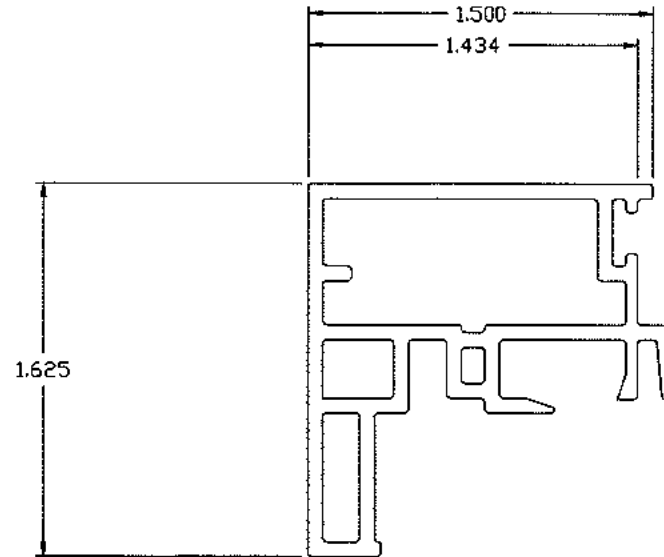
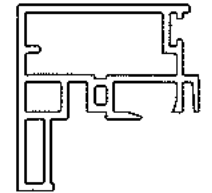
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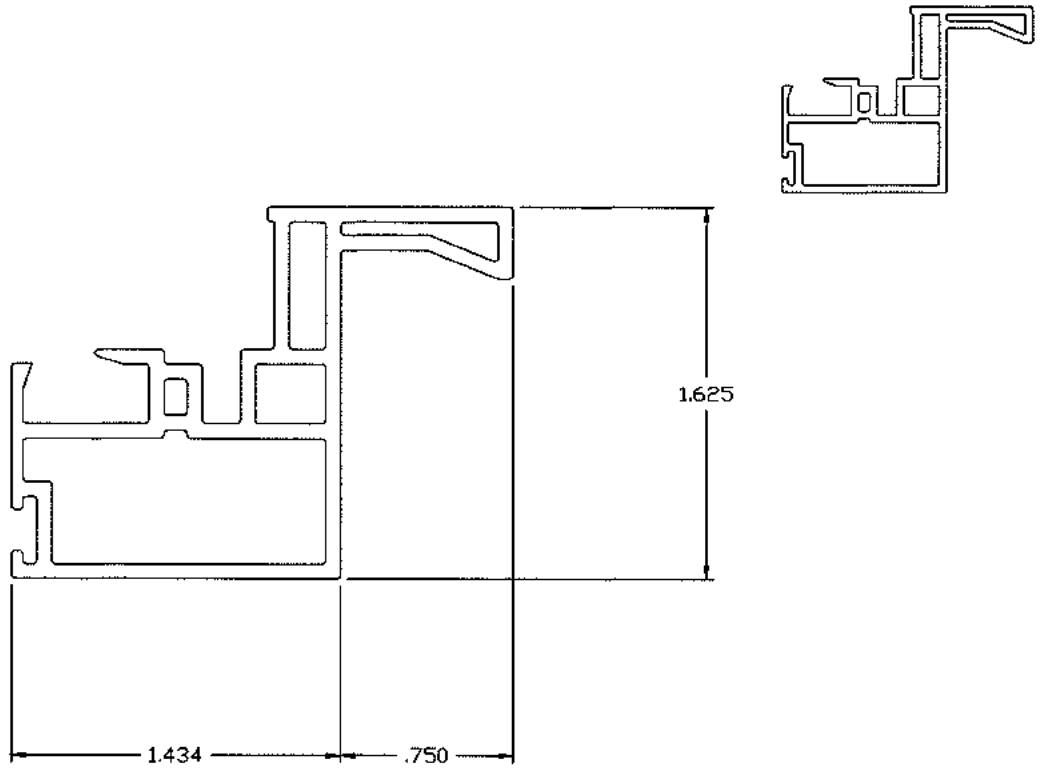
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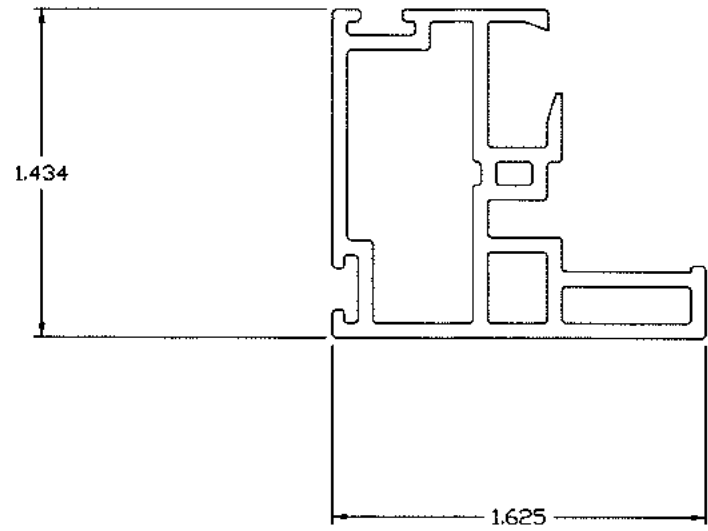
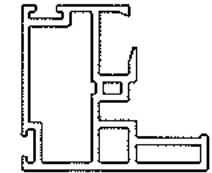
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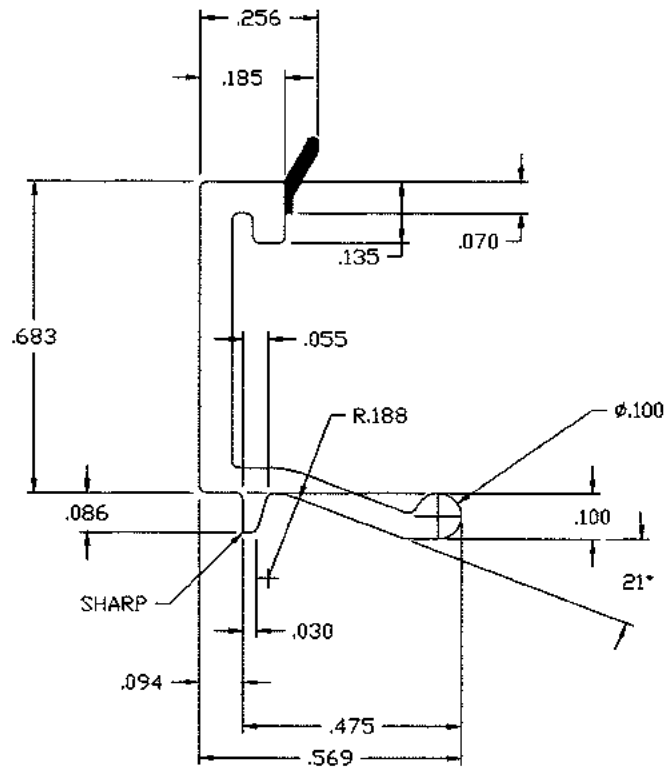
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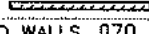
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	DWN BY DDS	SCALE 2:1	DATE 11/13/02



AREA OF RIGID PVC = .096  
 AREA OF SOFT PVC = .004  
 WT/FT OF RIGID PVC = .060  
 WT/FT OF SOFT PVC = .003

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NO.	REVISION	BY	DATE

 LOCATION FOR IMPACT TEST SPECIFICATION--LENGTHS TO 3/8"		ALLOWABLE BOW MAX. 1" PER 14' ANGULARITY TO BE ± 1/2	
DRAWN FOR 	1) MATERIAL RIGID PVC 2) CAPSTOCK  3) UNSPECIFIED WALLS .070 4) BREAK ALL CORNERS .015 R 5) AREA SQ.IN. 6) WT/FT LBS/FT		TITLE WELDED DOUBLE HUNG GLAZING BEAD
	BY DDS DESIGNS	DWN BY DDS	SCALE 4:1
"OUR NAME SAYS IT ALL"		CHKD BY	APPD BY
		COMPUTER NO	DWG NO <b>3008</b>

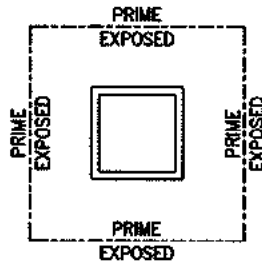
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REV A) NON-PROFILE REVISION - UPDATE DWG TO ACAD 2000 DWG STANDARDS WITH TOLERANCES (BDL-02/18/02)

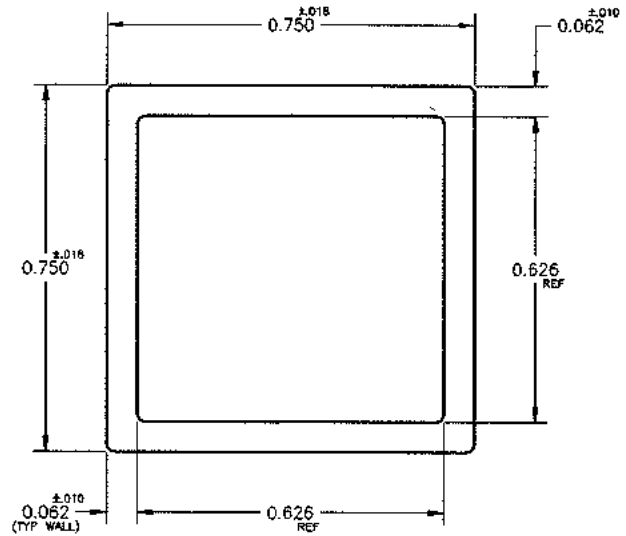
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00311 A  
ASTRO DIE NO.

ORIGINAL PENCIL DRAWING BY TR - 04/07/72



~~ACTUAL SIZE~~  
PAINTED FINISH



EST. AREA:	0.171	SQ. IN.	EST. WT./FT.:	0.205	LBS.	CLASS:	HOLLOW
EST. O.S. PER:	2.974	IN.	EST. TOT. PER:	5.452	IN.	EST. FIN. PER:	2.974
GR. DIA:	1.05	IN.	FACTOR:	27		TYP. WALL:	0.062 ±0.010

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CUSTOMER: 08300    CUST.  
DESCR: SQ. TUBE - 0.750 X 0.750  
CUST P/te  
PRELIM: AS-05056    SCALE: 4=1 (DETAILS: N.T.S.)    DATE: 05/11/94  
REV:    DR: KMM

UNLESS SPECIFIED, STANDARD COMMERCIAL TOLERANCES FOR EXTRUDED ALUMINUM ARE USED.

ASTRO ID MARK: NONE

ALL UNSPECIFIED CORNERS & FILLETS TO BE 0.015 R

TITLE BLOCK: DR2000-0

Revision J 05/20/21

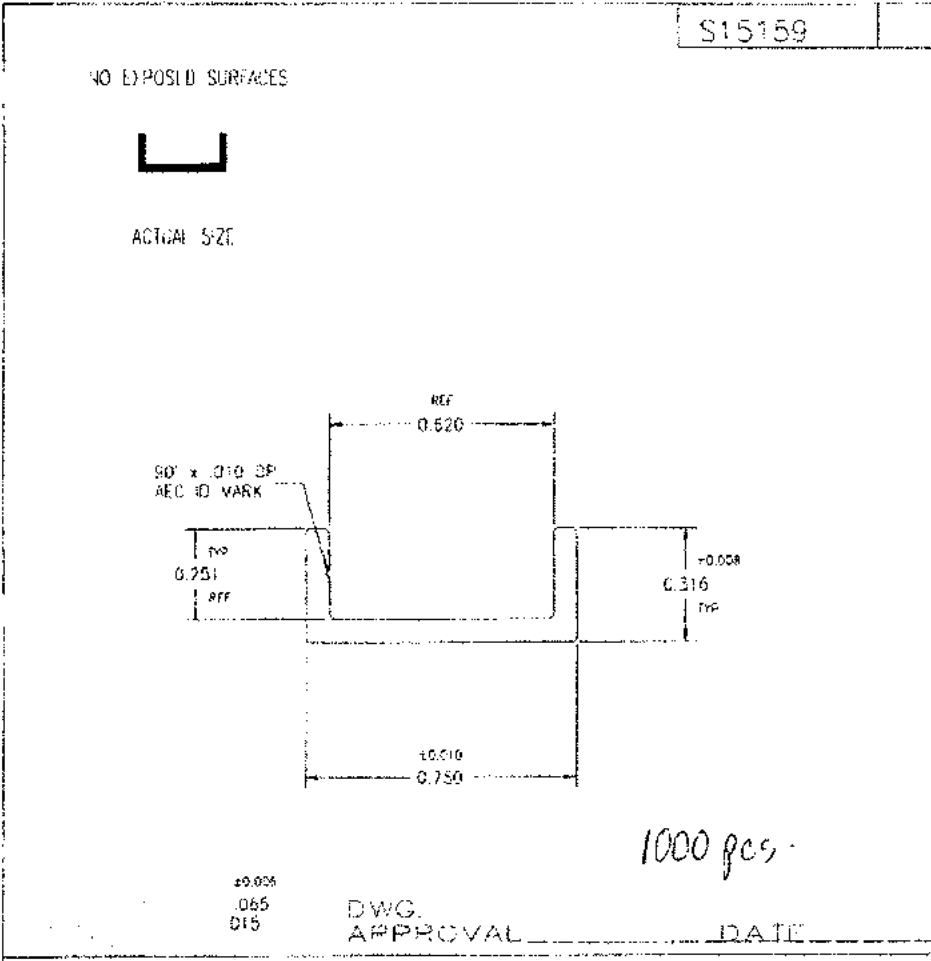
DO NOT SCALE



THIS IS A REDUCED PRINT



DO NOT SCALE



<b>Aerolite</b>	N5700	081	S15159
	J SMITH	097	
U CHANNEL	3-5-2013	2.591	
		.802	
		6063-15	
		27	3X
		8440	

**DH990 BOM**

<b>N.E. P/N</b>	<b>Qty</b>	<b>Description</b>	<b>Vendor P/N</b>	<b>Vendor</b>	<b>U.O.M.</b>	<b>Formulas</b>
		<b>FRAME</b>				
921-00		HEAD EXPANDER W/ ACC. GR, WHITE	921-00	QUALITY	FT	W=W
921-10		HEAD EXPANDER W/ ACC. GR, ALMOND	921-10	QUALITY	FT	W=W
921-30		HEAD EXPANDER W/ ACC. GR, BROWN	921-30	QUALITY	FT	W=W
921-40		HEAD EXPANDER W/ ACC. GR, CREAM	921-40	QUALITY	FT	W=W
<b>921-50</b>		<b>HEAD EXPANDER W/ ACC. GR, BROWN/CREAM</b>	<b>921-50</b>	<b>QUALITY</b>	<b>FT</b>	<b>W=W</b>
3512-00	2	JAMB , WITH FIN & J, WHITE (as head & sill)	3512-00	QUALITY	FT	W + .250
3512-10	2	JAMB , WITH FIN & J, ALMOND (as head & sill)	3512-10	QUALITY	FT	W + .250
3512-30	2	JAMB , WITH FIN & J, BROWN (as head & sill)	3512-30	QUALITY	FT	W + .250
3512-40	2	JAMB , WITH FIN & J, CREAM (as head & sill)	3512-40	QUALITY	FT	W + .250
3512-50	2	JAMB , WITH FIN & J, BROWN / CREAM (as head & sill)	3512-50	QUALITY	FT	W + .250
3612-00	2	JAMB , WITH FIN, NO J, WHITE (as head & sill)	3612-00	QUALITY	FT	W + .250
3612-10	2	JAMB , WITH FIN, NO J, ALMOND (as head & sill)	3612-10	QUALITY	FT	W + .250
3612-30	2	JAMB , WITH FIN, NO J, BROWN (as head & sill)	3612-30	QUALITY	FT	W + .250
3612-40	2	JAMB , WITH FIN, NO J, CREAM (as head & sill)	3612-40	QUALITY	FT	W + .250
3612-50	2	JAMB , WITH FIN, NO J, BROWN / CREAM (as head & sill)	3612-50	QUALITY	FT	W + .250
3005-00	1	HEAD ADAPTOR, WHITE	3005-00	QUALITY	FT	W - 2.75
3005-10	1	HEAD ADAPTOR, ALMOND	3005-10	QUALITY	FT	W - 2.75
3005-30	1	HEAD ADAPTOR, BROWN	3005-30	QUALITY	FT	W - 2.75
3005-40	1	HEAD ADAPTOR, CREAM	3005-40	QUALITY	FT	W - 2.75
3512-00	2	JAMB , WITH FIN & J, WHITE	3512-00	QUALITY	FT	H + .250
3512-10	2	JAMB , WITH FIN & J, ALMOND	3512-10	QUALITY	FT	H + .250
3512-30	2	JAMB , WITH FIN & J, BROWN	3512-30	QUALITY	FT	H + .250
3512-40	2	JAMB , WITH FIN & J, CREAM	3512-40	QUALITY	FT	H + .250
3512-50	2	JAMB , WITH FIN & J, BROWN / CREAM	3512-50	QUALITY	FT	H + .250
3612-00	2	JAMB , WITH FIN, NO J, WHITE	3612-00	QUALITY	FT	H + .250
3612-10	2	JAMB , WITH FIN, NO J, ALMOND	3612-10	QUALITY	FT	H + .250
3612-30	2	JAMB , WITH FIN, NO J, BROWN	3612-30	QUALITY	FT	H + .250
3612-40	2	JAMB , WITH FIN, NO J, CREAM	3612-40	QUALITY	FT	H + .250
3612-50	2	JAMB , WITH FIN, NO J, BROWN / CREAM	3612-50	QUALITY	FT	H + .250
3006-00	1	SILL ADAPTER, WHITE	3006-00	QUALITY	FT	W - 2.75
3006-10	1	SILL ADAPTER, ALMOND	3006-10	QUALITY	FT	W - 2.75
3006-30	1	SILL ADAPTER, BROWN	3006-30	QUALITY	FT	W - 2.75
3006-40	1	SILL ADAPTER, CREAM	3006-40	QUALITY	FT	W - 2.75
2006-00	4	SASH STOP WHITE	2006-00	QUALITY	FT	3 1/2"
2006-10	4	SASH STOP ALMOND	2006-10	QUALITY	FT	3 1/2"
2006-30	4	SASH STOP BROWN	2006-30	QUALITY	FT	3 1/2"
2006-40	4	SASH STOP CREAM	2006-40	QUALITY	FT	3 1/2"
900-00	1	BALANCE COVER WHITE	900-00	QUALITY	FT	H / 2 - 5.25
900-10	1	BALANCE COVER ALMOND	900-10	QUALITY	FT	H / 2 - 5.25
900-30	1	BALANCE COVER BROWN	900-30	QUALITY	FT	H / 2 - 5.25
900-40	1	BALANCE COVER CREAM	900-40	QUALITY	FT	H / 2 - 5.25
10239		BALANCE 3.5LB	803003	AMESBURY-BSI	PCS	
10240		BALANCE 4.5LB	803004	AMESBURY-BSI	PCS	
10066		BALANCE 5.5LB	803005	AMESBURY-BSI	PCS	
10067		BALANCE 6.5LB	803006	AMESBURY-BSI	PCS	
10068		BALANCE 7.5LB	803007	AMESBURY-BSI	PCS	
10069		BALANCE 9LB	803009	AMESBURY-BSI	PCS	
10070		BALANCE 10LB	803010	AMESBURY-BSI	PCS	
10241		BALANCE 11LB	803011	AMESBURY-BSI	PCS	

N.E. P/N	Qty	Description	Vendor P/N	Vendor	U.O.M.	Formulas
10242		BALANCE 12LB	803012	AMESBURY-BSI	PCS	
10243		BALANCE 13LB	803013	AMESBURY-BSI	PCS	
10244		BALANCE 14LB	803014	AMESBURY-BSI	PCS	
10245		BALANCE 15LB	803015	AMESBURY-BSI	PCS	
10246		BALANCE 16.5LB	803016	AMESBURY-BSI	PCS	
10133	4	JAMB ADJUSTER	10C112JAMSZ/027	UNEEDA	PCS	
10200	2	SILL PLUG	B-A316-XX-F009	H O PRODUCTS	PCS	
10062		WOOLPILE WHITE, 290 X 270	29027045WHWP	AMESBURY	FT	W-2
10061		WOOLPILE BLACK, 290 X 270	29027045BKWP	AMESBURY	FT	W-2
10271		FOAM WRAP, 3/4 X 1 1/2 X 75FT, PSA ONE SIDE	WW-0750X1500X75	SECON RUBER AND PLA	FT	2W + 2H
10273		9/16 X 1 3/8 X 60 EPS FOAM STRIPS	60-1.375-563	FOAM PACK INC	FT	3W + 2H
10274		3/16 X 1 3/8 X 60 EPS FOAM STRIPS	60-1.375-1875	FOAM PACK INC	FT	3W + 2H
10142	1	8 X 2 PHIL PAN (4 PER BAG) INSTALL	8N200AXPSZ/48AG	UNEEDA	PCS	
10132		12' X 6500' MACHINE WINDOW FILM	WIN 12-6500	ULTRA-PAK INCORPORA	FT	W+H X 10
	2	.062x.750x.750 ALUMINUM REINFORCING	AS-05056	ASTRO SHAPES	FT	
	1	TILT LATCH KEEPER	7506599901	ASHLAND	PCS	
		<b>KEEPER SASH</b>				
3002-00	1	TOP SASH HANDLE, WELDED WHITE	3002-00	QUALITY	FT	(W - 3.5)
3002-10	1	TOP SASH HANDLE, WELDED ALMOND	3002-10	QUALITY	FT	(W - 3.5)
3002-30	1	TOP SASH HANDLE, WELDED BROWN	3002-30	QUALITY	FT	(W - 3.5)
3002-40	1	TOP SASH HANDLE, WELDED CREAM	3002-40	QUALITY	FT	(W - 3.5)
3002-50	1	TOP SASH HANDLE, WELDED CREAM / BROWN	3002-50	QUALITY	FT	(W - 3.5)
3000-00	2	TOP SASH HEIGHT WHITE, WELDED	3000-00	QUALITY	FT	H / 2 - 1 7/16
3000-10	2	TOP SASH HEIGHT ALMOND, WELDED	3000-10	QUALITY	FT	H / 2 - 1 7/16
3000-30	2	TOP SASH HEIGHT BROWN, WELDED	3000-30	QUALITY	FT	H / 2 - 1 7/16
3000-40	2	TOP SASH HEIGHT CREAM, WELDED	3000-40	QUALITY	FT	H / 2 - 1 7/16
3000-50	2	TOP SASH HEIGHT CREAM / BROWN, WELDED	3000-40	QUALITY	FT	H / 2 - 1 7/16
3004-00	1	TOP SASH KEEPER RAIL, WELDED WHITE	3004-00	QUALITY	FT	(W - 3.5)
3004-10	1	TOP SASH KEEPER RAIL, WELDED ALMOND	3004-10	QUALITY	FT	(W - 3.5)
3004-30	1	TOP SASH KEEPER RAIL, WELDED BROWN	3004-30	QUALITY	FT	(W - 3.5)
3004-40	1	TOP SASH KEEPER RAIL, WELDED CREAM	3004-40	QUALITY	FT	(W - 3.5)
3004-50	1	TOP SASH KEEPER RAIL, WELDED CREAM / BROWN	3004-50	QUALITY	FT	(W - 3.5)
3000B-00	2	TOP SASH HEIGHT WHITE, WELDED, R5	3000B-00	QUALITY	FT	H / 2 - 1 7/16
3000B-10	2	TOP SASH HEIGHT ALMOND, WELDED, R5	3000B-10	QUALITY	FT	H / 2 - 1 7/16
3000B-30	2	TOP SASH HEIGHT BROWN, WELDED, R5	3000B-30	QUALITY	FT	H / 2 - 1 7/16
3000B-40	2	TOP SASH HEIGHT CREAM, WELDED, R5	3000B-40	QUALITY	FT	H / 2 - 1 7/16
3002B-00	1	TOP SASH HANDLE, WELDED WHITE, R5	3002B-00	QUALITY	FT	(W - 3.5)
3002B-10	1	TOP SASH HANDLE, WELDED ALMOND, R5	3002B-10	QUALITY	FT	(W - 3.5)
3002B-30	1	TOP SASH HANDLE, WELDED BROWN, R5	3002B-30	QUALITY	FT	(W - 3.5)
3002B-40	1	TOP SASH HANDLE, WELDED CREAM, R5	3002B-40	QUALITY	FT	(W - 3.5)
10194	2	REINFORCEMENT (ALUMINUM)	SECTE65169	SAPA	PCS	W - 10
10062		WOOLPILE WHITE, 290 X 270	29027045WHWP	AMESBURY	FT	2H + 1W
10061		WOOLPILE BLACK, 290 X 270	29027045BKWP	AMESBURY	FT	2H + 1W
10064		270 X 400 WHITE WOOLPILE	40027045WHWP	AMESBURY	FT	1W
10253	1	TILT LATCH, WHITE, LEFT, WELDED, SHARK FIN	BW 015B1-X313-L	ACTIVE	PCS	
10252	1	TILT LATCH, WHITE, RIGHT, WELDED, SHARK FIN	BW 015B1-X313-R	ACTIVE	PCS	
10259	1	TILT LATCH, ALMOND, LEFT, WELDED, SHARK FIN	AM 015B1-X313-L	ACTIVE	PCS	
10258	1	TILT LATCH, ALMOND, RIGHT, WELDED, SHARK FIN	AM 015B1-X313-R	ACTIVE	PCS	
10257	1	TILT LATCH, BRONZE, LEFT, WELDED, SHARK FIN	BZ 015B1-X313-L	ACTIVE	PCS	
10256	1	TILT LATCH, BRONZE, RIGHT, WELDED, SHARK FIN	BZ 015B1-X313-R	ACTIVE	PCS	
10255	1	TILT LATCH, CREAM, L&R, WELDED,	140651	ASHLAND	PCS	
10254	1	TILT LATCH, CREAM, RIGHT, WELDED, SHARK FIN	YW 015B1-X313-R	ACTIVE	PCS	
10033	2	VENT LOCK BRITE WHITE	BW 081-16	ACTIVE	PCS	
10058	2	VENT LOCK CREAM	YW 081-16	ACTIVE	PCS	



<b>N.E. P/N</b>	<b>Qty</b>	<b>Description</b>	<b>Vendor P/N</b>	<b>Vendor</b>	<b>U.O.M.</b>	<b>Formulas</b>
10198	2	VENT LOCK ALMOND	AM 081-16	ACTIVE	PCS	
10212	2	VENT LOCK BROWN	BR 081-16	ACTIVE	PCS	
10032	1	HANDLE RAIL END CAP L/R WHITE	BW062-R/L	ACTIVE	PCS	
10201	1	HANDLE RAIL END CAP L/R ALMOND	AM062L/R	ACTIVE	PCS	
10202	1	HANDLE RAIL END CAP L/R CREAM	YW062L/R	ACTIVE	PCS	
10203	1	HANDLE RAIL END CAP L/R BROWN	BR062L/R	ACTIVE	PCS	
10079		KEEPER, NARROW, *8500 GUIDED, BLUE WHITE	08503K9	FASCO	PCS	
10261		KEEPER, NARROW, *8500 GUIDED, ALMOND	08517K9	FASCO	PCS	
10262		KEEPER, NARROW, *8500 GUIDED, BROWN	08505K9	FASCO	PCS	
10260		KEEPER, NARROW, *8500 GUIDED, CREAM	08527K9	FASCO	PCS	
10134		#6 X 1 1/4 PH FLAT GRIP ALL 150 STL ZINC, WHT	6N125GXFSZ/WHITEU150	UNEEDA BOLT	PCS	
10263		#6 X 1 1/4 PH FLAT GRIP ALL 150 STL ZINC, ALMOND	6N125GXFSZ/ALMONDU47	UNEEDA BOLT	PCS	
10264		#6 X 1 1/4 PH FLAT GRIP ALL 150 STL ZINC, BROWN	6N125GXFSZ/BROWN	UNEEDA BOLT	PCS	
10265	2	PIVOT BAR	23111	AMESBURY	PCS	
10199	4	6A X 5/8 PH TRUSS HD 410SS TAP SCREW	06A05PT4H	MERCHANTS FASTENER	PCS	
3008-00	2	GLAZING BEAD, TOP WIDTH, WHITE	3008-00	QUALITY	FT	W - 5.625
3008-10	2	GLAZING BEAD, TOP WIDTH, ALMOND	3008-10	QUALITY	FT	W - 5.625
3008-30	2	GLAZING BEAD, TOP WIDTH, BROWN	3008-30	QUALITY	FT	W - 5.625
3008-40	2	GLAZING BEAD, TOP WIDTH, CREAM	3008-40	QUALITY	FT	W - 5.625
3008-00	2	GLAZING BEAD, TOP HEIGHT, WHITE	3008-00	QUALITY	FT	H / 2 - 5
3008-10	2	GLAZING BEAD, TOP HEIGHT, ALMOND	3008-10	QUALITY	FT	H / 2 - 5
3008-30	2	GLAZING BEAD, TOP HEIGHT, BROWN	3008-30	QUALITY	FT	H / 2 - 5
3008-40	2	GLAZING BEAD, TOP HEIGHT, CREAM	3008-40	QUALITY	FT	H / 2 - 5
10100		GLASS, 72 X 84 SSB, CLEAR	1140	PPG	SQ FT	
10283		GLASS, 72 X 84 DSB, CLEAR	1456	PPG	SQ FT	
10101		GLASS, 72 X 84 SSB, LOW E SOLAR BAN 60	5343	PPG	SQ FT	
10284		GLASS, 48 X 60 OBSCURE	451997	PPG	SQ FT	
10190		GLASS, TEMP, CLEAR	18CT	GLASS AMERICA	SQ FT	
10192		GLASS, TEMP, LOW E	18LE	GLASS AMERICA	SQ FT	
10191		GLASS, TEMP, OBSCURE	62DT	GLASS AMERICA	SQ FT	
10249		GLASS, 72 X 84 SSB, LOW E SOLAR BAN 70, R5	003-00	PPG	SQ FT	
10250		GLASS, 72 X 84 SSB, LOW E, COMFORT T1-AC36,R5	T1-AC36	GLASS AMERICA	SQ FT	
10128		3/4" GRAY DURASEAL 1410 FT / SPOOL	824-64H-357	TRUE SEAL	FT	
10129		3/4" GRAY DURALITE 1410 FT / SPOOL	870-64H-357	TRUE SEAL	FT	
10220	2	1/8 X 7/8 X 1 SETTING BLOCK	12B11-00125	LAMATEK	PCS	
10102		3/16 X .610 WHITE MUNTIN	0415USVBI	RAMAPO	FT	
10103		3/16 X .610 BRONZE MUNTIN	0415USVBR	RAMAPO	FT	
10211		3/16 X .610 ALMOND MUNTIN	0415USVTAN	RAMAPO	FT	
10104		3/16 X .610 WHITE / BRONZE MUNTIN	10104	RAMAPO	FT	
10110		3/16 X 5/8 A CLIPS INTERNAL MUNTIN CROSSES	CRO416IJ	RAMAPO	PCS	
10127		GRIDLOC CLIPS 3/16 X 5/8 X 9/16 5000 PCS, 7/8 GLASS	316-56GL-580	TRUSEAL	PCS	
10105		8 X 18 WHITE ELISABETH MUNTIN	0818EVBI	RAMAPO	FT	
10213		8 X 18 BRONZE ELISABETH MUNTIN	0818EVBR	RAMAPO	FT	
10214		8 X 18 TAN ELISABETH MUNTIN	0818EVBTAN	RAMAPO	FT	
10109		8 X 18 WHITE EXTERNAL CROSSES	CRO818E-BI	RAMAPO	PCS	
10215		8 X 18 BRONZE EXTERNAL CROSSES	CRO818E-BR	RAMAPO	PCS	
10216		8 X 18 TAN EXTERNAL CROSSES	CRO818E-TAN	RAMAPO	PCS	
10107		BAVIERA BRIGHT GOLD PENCIL BAR	BAV-PB-BG	RAMAPO	FT	
10108		BAVERIA WHITE PENCIL BAR	BAV-PB-WH	RAMAPO	FT	
10106		BAVIERA BRIGHT GOLD NYLON CENTER KEYS	BAV-CK-NY-BG	RAMAPO	PCS	
10217		BAVIERA WHITE NYLON CENTER KEYS	BAV-CK-NY-WH	RAMAPO	PCS	
10218		BAVIERA BRIGHT GOLD NYLON 90Y	BAV-90Y-NY-BG	RAMAPO	PCS	
10219		BAVIERA WHITE NYLON 90Y	BAV-90Y-NY-BI	RAMAPO	PCS	
		.316X.750x.750 REINFORCEMENT	N5700	AEROLITE	LFT	

N.E. P/N	Qty	Description	Vendor P/N	Vendor	U.O.M.	Formulas
		<b>LOCK SASH</b>				
3003-00	1	BOT SASH LOCK RAIL, WELDED, WHITE	3003-00	QUALITY	FT	(W - 2.5)
3003-10	1	BOT SASH LOCK RAIL, WELDED, ALMOND	3003-10	QUALITY	FT	(W - 2.5)
3003-30	1	BOT SASH LOCK RAIL, WELDED, BROWN	3003-30	QUALITY	FT	(W - 2.5)
3003-40	1	BOT SASH LOCK RAIL, WELDED, CREAM	3003-40	QUALITY	FT	(W - 2.5)
3000-00	2	BOT SASH HEIGHT WHITE, WELDED	3000-00	QUALITY	FT	H/2 - 7/16
3000-10	2	BOT SASH HEIGHT ALMOND, WELDED	3000-10	QUALITY	FT	H/2 - 7/16
3000-30	2	BOT SASH HEIGHT BROWN, WELDED	3000-30	QUALITY	FT	H/2 - 7/16
3000-40	2	BOT SASH HEIGHT CREAM, WELDED	3000-40	QUALITY	FT	H/2 - 7/16
3000-50	2	BOT SASH HEIGHT CREAM / BROWN, WELDED	3000-50	QUALITY	FT	H/2 - 7/16
3002-00	1	BOT SASH HANDLE, WELDED WHITE	3002-00	QUALITY	FT	(W - 2.5)
3002-10	1	BOT SASH HANDLE, WELDED ALMOND	3002-10	QUALITY	FT	(W - 2.5)
3002-30	1	BOT SASH HANDLE, WELDED BROWN	3002-30	QUALITY	FT	(W - 2.5)
3002-40	1	BOT SASH HANDLE, WELDED CREAM	3002-40	QUALITY	FT	(W - 2.5)
3002-50	1	BOT SASH HANDLE, WELDED, CREAM / BROWN	3002-50	QUALITY	FT	(W - 2.5)
3003B-00	1	BOT SASH LOCK RAIL, WELDED, WHITE, R5	3003B-00	QUALITY	FT	(W - 2.5)
3003B-10	1	BOT SASH LOCK RAIL, WELDED, ALMOND, R5	3003B-10	QUALITY	FT	(W - 2.5)
3003B-30	1	BOT SASH LOCK RAIL, WELDED, BROWN, R5	3003B-30	QUALITY	FT	(W - 2.5)
3003B-40	1	BOT SASH LOCK RAIL, WELDED, CREAM, R5	3003B-40	QUALITY	FT	(W - 2.5)
3000B-00	2	BOT SASH HEIGHT WHITE, WELDED, R5	3000B-00	QUALITY	FT	H/2 - 7/16
3000B-10	2	BOT SASH HEIGHT ALMOND, WELDED, R5	3000B-10	QUALITY	FT	H/2 - 7/16
3000B-30	2	BOT SASH HEIGHT BROWN, WELDED, R5	3000B-30	QUALITY	FT	H/2 - 7/16
3000B-40	2	BOT SASH HEIGHT CREAM, WELDED, R5	3000B-40	QUALITY	FT	H/2 - 7/16
3002B-00	1	BOT SASH HANDLE, WELDED WHITE, R5	3002B-00	QUALITY	FT	(W - 2.5)
3002B-10	1	BOT SASH HANDLE, WELDED ALMOND, R5	3002B-10	QUALITY	FT	(W - 2.5)
3002B-30	1	BOT SASH HANDLE, WELDED BROWN, R5	3002B-30	QUALITY	FT	(W - 2.5)
3002B-40	1	BOT SASH HANDLE, WELDED CREAM, R5	3002B-40	QUALITY	FT	(W - 2.5)
10194	2	REINFORCEMENT (ALUMINUM)	SECTE65169	SAPA	PCS	W - 8
10062		WOOLPILE WHITE, 290 X 270	29027045WHWP	AMESBURY	FT	2H + 1W
10061		WOOLPILE BLACK, 290 X 270	29027045BKWP	AMESBURY	FT	2H + 1W
10181		QET 300 X 270 BULB VINYL WHITE	U2331-00000	ULTRAFAB / SCHLEGEL	FT	1W-2
10180		QET 300 X 270 BULB VINYL BEIGE	U2336-00000	ULTRAFAB / SCHLEGEL	FT	1W-2
10182		BULB VINYL BROWN	32607 111691000	ULTRAFAB / SCHLEGEL	FT	1W-2
10253	1	TILT LATCH, WHITE, LEFT, WELDED, SHARK FIN	BW 015B1X313-L	ACTIVE	PCS	
10252	1	TILT LATCH, WHITE, RIGHT, WELDED, SHARK FIN	BW 015B1X313-R	ACTIVE	PCS	
10259	1	TILT LATCH, ALMOND, LEFT, WELDED, SHARK FIN	AM 015B1X313-L	ACTIVE	PCS	
10258	1	TILT LATCH, ALMOND, RIGHT, WELDED, SHARK FIN	AM 015B1X313-R	ACTIVE	PCS	
10257	1	TILT LATCH, BRONZE, LEFT, WELDED, SHARK FIN	BZ 015B1X313-L	ACTIVE	PCS	
10256	1	TILT LATCH, BRONZE, RIGHT, WELDED, SHARK FIN	BZ 015B1X313-R	ACTIVE	PCS	
10255	1	TILT LATCH, CREAM, LEFT, WELDED, SHARK FIN	YW 015B1X313-L	ACTIVE	PCS	
10254	1	TILT LATCH, CREAM, RIGHT, WELDED, SHARK FIN	YW 015B1X313-R	ACTIVE	PCS	
10032	1	HANDLE RAIL END CAP L/R WHITE	BW062-R/L	ACTIVE	PCS	
10201	1	HANDLE RAIL END CAP L/R ALMOND	AM062L/R	ACTIVE	PCS	
10202	1	HANDLE RAIL END CAP L/R CREAM	YW062L/R	ACTIVE	PCS	
10203	1	HANDLE RAIL END CAP L/R BROWN	BR062L/R	ACTIVE	PCS	
10077		LOCK WND RND #AG BLUE WHITE	08503AG	FASCO	PCS	
10267		LOCK WND RND #AG ALMOND	08517AG	FASCO	PCS	
10268		LOCK WND RND #AG BROWN	08505AG	FASCO	PCS	
10266		LOCK WND RND #AG CREAM	08527AG	FASCO	PCS	
10139		# 7 X 1 PHIL FLAT GRIP ALL 150 STEEL WHITE	7N100GXFSZ/WHITEU150	UNEEDA	PCS	
10269		# 7 X 1 PHIL FLAT GRIP ALL 150 STEEL ALMOND	7N100GXFSZ/ALMONDU47	UNEEDA	PCS	
10270		# 7 X 1 PHIL FLAT GRIP ALL 150 STEEL BROWN	7N100GXFSZ/BROWN	UNEEDA	PCS	
10265	2	PIVOT BAR	23111	AMESBURY	PCS	
10199	4	6A X 5/8 PH TRUSS HD 410SS TAP SCREW	06A05PT4H	MERCHANTS FASTENER	PCS	

<b>N.E. P/N</b>	<b>Qty</b>	<b>Description</b>	<b>Vendor P/N</b>	<b>Vendor</b>	<b>U.O.M.</b>	<b>Formulas</b>
3008-00	2	GLAZING BEAD, BOT WIDTH, WHITE	3008-00	QUALITY	FT	W - 4.625
3008-10	2	GLAZING BEAD, BOT WIDTH, ALMOND	3008-10	QUALITY	FT	W - 4.625
3008-30	2	GLAZING BEAD, BOT WIDTH, BROWN	3008-30	QUALITY	FT	W - 4.625
3008-40	2	GLAZING BEAD, BOT WIDTH, CREAM	3008-40	QUALITY	FT	W - 4.625
3008-00	2	GLAZING BEAD, BOT HEIGHT, WHITE	3008-00	QUALITY	FT	H / 2 - 4
3008-10	2	GLAZING BEAD, BOT HEIGHT, ALMOND	3008-10	QUALITY	FT	H / 2 - 4
3008-30	2	GLAZING BEAD, BOT HEIGHT, BROWN	3008-30	QUALITY	FT	H / 2 - 4
3008-40	2	GLAZING BEAD, BOT HEIGHT, CREAM	3008-40	QUALITY	FT	H / 2 - 4
10100		GLASS, 72 X 84 SSB, CLEAR	1140	PPG	SQ FT	
10283		GLASS, 72 X 84 DSB, CLEAR	1456	PPG	SQ FT	
10101		GLASS, 72 X 84 SSB, LOW E SOLAR BAN 60	5343	PPG	SQ FT	
10284		GLASS, 48 X 60 OBSCURE	451997	PPG	SQ FT	
10190		GLASS, TEMP, CLEAR	18CT	GLASS AMERICA	SQ FT	
10192		GLASS, TEMP, LOW E	18LE	GLASS AMERICA	SQ FT	
10191		GLASS, TEMP, OBSCURE	62DT	GLASS AMERICA	SQ FT	
10249		GLASS, 72 X 84 SSB, LOW E SOLAR BAN 70, R5	003-00	PPG	SQ FT	
10250		GLASS, 72 X 84 SSB, LOW E, COMFORT T1-AC36,R5	TI-AC36	GLASS AMERICA	SQ FT	
10128		31/48" GRAY DURASEAL 1410 FT / SPOOL	824-64H-357	TRUE SEAL	FT	
10129		31/48" GRAY DURALITE 1410 FT / SPOOL	870-64H-357	TRUE SEAL	FT	
10220	2	1/8 X 7/8 X 1 SETTING BLOCK	12B11-00125	LAMATEK	PCS	
10102		3/16 X .610 WHITE MUNTIN	0415USVBI	RAMAPO	FT	
10103		3/16 X .610 BRONZE MUNTIN	0415USVBR	RAMAPO	FT	
10211		3/16 X .610 ALMOND MUNTIN	0415USVTAN	RAMAPO	FT	
10104		3/16 X .610 WHITE / BRONZE MUNTIN	10104	RAMAPO	FT	
10110		3/16 X 5/8 A CLIPS INTERNAL MUNTIN CROSSES	CRO416IJ	RAMAPO	PCS	
10127		GRIDLOC CLIPS 3/16 X 5/8 X 9/16 5000 PCS, 7/8 GLASS	316-56GL-580	TRUSEAL	PCS	
10105		8 X 18 WHITE ELISABETH MUNTIN	0818EVBI	RAMAPO	FT	
10213		8 X 18 BRONZE ELISABETH MUNTIN	0818EVBR	RAMAPO	FT	
10214		8 X 18 TAN ELISABETH MUNTIN	0818EVB TAN	RAMAPO	FT	
10109		8 X 18 WHITE EXTERNAL CROSSES	CRO818E-BI	RAMAPO	PCS	
10215		8 X 18 BRONZE EXTERNAL CROSSES	CRO818E-BR	RAMAPO	PCS	
10216		8 X 18 TAN EXTERNAL CROSSES	CRO818E-TAN	RAMAPO	PCS	
10107		BAVIERA BRIGHT GOLD PENCIL BAR	BAV-PB-BG	RAMAPO	FT	
10108		BAVERIA WHITE PENCIL BAR	BAV-PB-WH	RAMAPO	FT	
10106		BAVIERA BRIGHT GOLD NYLON CENTER KEYS	BAV-CK-NY-BG	RAMAPO	PCS	
10217		BAVIERA WHITE NYLON CENTER KEYS	BAV-CK-NY-WH	RAMAPO	PCS	
10218		BAVIERA BRIGHT GOLD NYLON 90Y	BAV-90Y-NY-BG	RAMAPO	PCS	
10219		BAVIERA WHITE NYLON 90Y	BAV-90Y-NY-BI	RAMAPO	PCS	
		.316X.750x.750 REINFORCEMENT	N5700	AEROLITE	LFT	
		<b>SCREEN</b>				
10122		3/8 X 3/4 SCREEN FRAME WIDTH, WHITE	SF-3834-W	RAMAPO	FT	W - 3.9375
10122		3/8 X 3/4 SCREEN FRAME HEIGHT, WHITE	SF-3834-W	RAMAPO	FT	H / 2 - 1.25
10115	1	3/8 WHITE SCREEN CORNERS, NO TAB, NO STOP	SCP-3834-W	RAMAPO	PCS	
10117	1	3/8 WHITE SCREEN CORNERS, NO TAB, W / STOP	SCP-ST-3834-W	RAMAPO	PCS	
10119	1	3/8 WHITE SCREEN CORNERS, W / TAB, NO STOP	SCP-TAB-3834-W	RAMAPO	PCS	
10121	1	3/8 WHITE SCREEN CORNERS, W / TAB, W / STOP	SCP-TABST-3834-W	RAMAPO	PCS	
10251		3/8 X 3/4 SCREEN FRAME WIDTH, BRONZE	SF-3834-BR	RAMAPO	FT	W - 3.9375
10251		3/8 X 3/4 SCREEN FRAME HEIGHT, BRONZE	SF-3834-BR	RAMAPO	FT	H / 2 - 1.25
10114	1	3/8 BRONZE SCREEN CORNERS, NO TAB, NO STOP	SCP-3834-BRZ	RAMAPO	PCS	
10116	1	3/8 BRONZE SCREEN CORNERS, NO TAB, W / STOP	SCP-ST-3834-BRZ	RAMAPO	PCS	
10118	1	3/8 BRONZE SCREEN CORNERS, W / TAB, NO STOP	SCP-TAB-3834-BRZ	RAMAPO	PCS	
10120	1	3/8 BRONZE SCREEN CORNERS, W / TAB, W / STOP	SCP-TABST-3834-BRZ	RAMAPO	PCS	
10197	2	SPRING, ROLL FORM SCREEN	SP21	SUMMIT METAL	PCS	
10071		.145 BLACK SCREEN SPLINE, (ROLL FORM)	1453000-6	DAPA PRODUCTS	FT	

<b>N.E. P/N</b>	<b>Qty</b>	<b>Description</b>	<b>Vendor P/N</b>	<b>Vendor</b>	<b>U.O.M.</b>	<b>Formulas</b>
10147		SCREEN FRAME HANDLE WHITE	5920	SAPA	FT	W - 3.9375
10150		SCREEN FRAME HANDLE ALMOND	5920	SAPA	FT	W - 3.9375
10153		SCREEN FRAME HANDLE BRONZE	5920	SAPA	FT	W - 3.9375
10148		SCREEN FRAME LIP WHITE	6802	SAPA	FT	H / 2 - 1.25
10151		SCREEN FRAME LIP ALMOND	6802	SAPA	FT	H / 2 - 1.25
10154		SCREEN FRAME LIP BRONZE	6802	SAPA	FT	H / 2 - 1.25
10149		SCREEN FRAME WIDTH PLAIN WHITE	6803	SAPA	FT	W - 3.9375
10152		SCREEN FRAME WIDTH PLAIN ALMOND	6803	SAPA	FT	W - 3.9375
10155		SCREEN FRAME WIDTH PLAIN BRONZE	6803	SAPA	FT	W - 3.9375
10149		SCREEN FRAME HEIGHT PLAIN WHITE	6803	SAPA	FT	H / 2 - 1.25
10152		SCREEN FRAME HEIGHT PLAIN ALMOND	6803	SAPA	FT	H / 2 - 1.25
10155		SCREEN FRAME HEIGHT PLAIN BRONZE	6803	SAPA	FT	H / 2 - 1.25
10002	4	SCREEN CORNER KEY	#171	ACTIVE	PCS	
10096	2	SCREEN SLIDE BOLT	342-1910W	FREDERICK	PCS	
10276	2	SPRING, COMPRESSION, SCREEN SLIDE BOLT	NE-1048	LEE SPRING	PCS	
10196	2	SPRING, EXTRUDED SCREEN	SP23	SUMMIT METAL	PCS	
10072		SCREEN SPLINE .160 BLACK (EXTRUDED)	1603000-6	DAPA	ROLL	
10166		18" CCL ROM 600 FIBERGLASS SCREEN WIRE	18RM600	CENTRAL CRAFT	ROLL	
10167		18" VISTA WEAVE 100' ALUMINUM SCREEN WIRE	18VW	CENTRAL CRAFT	ROLL	
10168		20" CCL ROM 600 FIBERGLASS SCREEN WIRE	20RM600	CENTRAL CRAFT	ROLL	
10169		20" VISTA WEAVE 100' ALUMINUM SCREEN WIRE	20VW	CENTRAL CRAFT	ROLL	
10170		24" CCL ROM 600 FIBERGLASS SCREEN WIRE	24RM600	CENTRAL CRAFT	ROLL	
10171		24" VISTA WEAVE 100' ALUMINUM SCREEN WIRE	24VW	CENTRAL CRAFT	ROLL	
10172		28" CCL ROM 600 FIBERGLASS SCREEN WIRE	28RM600	CENTRAL CRAFT	ROLL	
10173		28" VISTA WEAVE 100' ALUMINUM SCREEN WIRE	28VW	CENTRAL CRAFT	ROLL	
10174		32" CCL ROM 600 FIBERGLASS SCREEN WIRE	32RM600	CENTRAL CRAFT	ROLL	
10175		32" VISTA WEAVE 100' ALUMINUM SCREEN WIRE	32VW	CENTRAL CRAFT	ROLL	
10176		36" CCL ROM 600 FIBERGLASS SCREEN WIRE	36RM600	CENTRAL CRAFT	ROLL	
10177		36" VISTA WEAVE 100' ALUMINUM SCREEN WIRE	36VW	CENTRAL CRAFT	ROLL	
10178		38" VISTA WEAVE 100' ALUMINUM SCREEN WIRE	38VW	CENTRAL CRAFT	ROLL	
		SCREEN HALF WIDTH				W - 3.9375
		SCREEN HALF HEIGHT				H / 2 - 1.25
		SCREEN FULL WIDTH				W - 3.9375
		SCREEN FULL HEIGHT				(H - 4)
		TOP GLASS WIDTH				W - 6
		TOP GLASS HEIGHT				H / 2 - 4
		BOTTOM GLASS WIDTH				W - 5
		BOTTOM GLASS HEIGHT				H / 2 - 3
		TOP SASH WIDTH				W - 3.5
		TOP SASH HEIGHT				H / 2 - 1.4375
		BOTTOM SASH WIDTH				W - 5
		BOTTOM SASH HEIGHT				H / 2 - .4375
		TOP GRID WIDTH				W - 6.8125
		TOP GRID HEIGHT				H / 2 - 4.8125
		BOTTOM GRID WIDTH				W - 5.8125
		BOTTOM GRID HEIGHT				H / 2 - 3.8125

**TEST REPORT FOR CUSTOMER NAME OR SIMPLE NAME**

Report No.: K1989.01-525-44-r0

Date: 07/07/21

**SECTION 12**

**REVISION LOG**

REVISION #	DATE	PAGES	REVISION
0	07/07/21	N/A	Original Report Issue
1	12/21/21	2	Section 2, fixed water pressure
1	12/21/21	3	Section 4, added spacing to anchors
1	12/21/21	8	Section 8, added latches to op-force
1	12/21/21	8	Section 8, fixed air and water pressure