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NORTH EAST WINDOWS USA THERMAL PERFORMANCE TEST REPORT

SCOPE OF WORK
100 DOUBLE HUNG

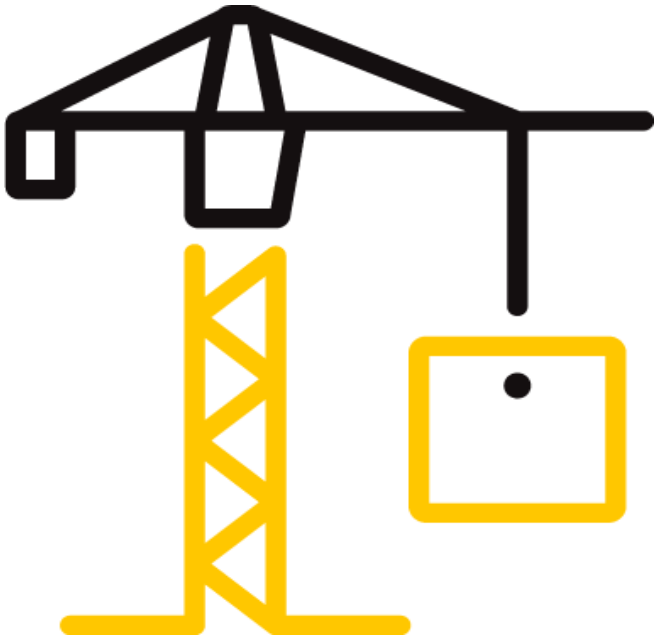
REPORT NUMBER
M9791.01-116-46 R0

TEST DATE
01/07/22

ISSUE DATE
01/14/22

PAGES
23

DOCUMENT CONTROL NUMBER
RTTDS-R-AMER-Test-2822(a) (08/16/21)



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TEST REPORT FOR NORTH EASST WINDOWS USA, INC.
Report No.: M9791.01-116-46 R0
Date: 01/14/22

REPORT ISSUED TO

NORTH EASST WINDOWS USA, INC.
One Kees Place P.O. Box 159
Merrick, New York 11566

SECTION 1

SCOPE

SERIES/MODEL: 100 Double Hung
TYPE: Vertical Slider (Double Hung)

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by North Easst Windows USA, INC. to evaluate the thermal performance per NFRC 102-2020. Results obtained are tested values and were secured by using the designated test method. Testing was conducted at Intertek B&C test facility in York, Pennsylvania.

Intertek B&C will service this report for the entire test record retention period. The test record retention period ends five years after the test date. Test records, such as detailed drawings, datasheets, or other pertinent project documentation, will be retained for the entire test record retention period. Representative samples of the test specimen will be retained by Intertek B&C for a minimum of two and a half years from the submittal date to the Inspection Agency and no more than five years from the test date.

For INTERTEK B&C:

COMPLETED BY	Ryan P. Moser	**REVIEWED BY**	Shon W. Einsig
TITLE	Senior Technician	**TITLE**	Technician Team Leader, IIRC
SIGNATURE		**SIGNATURE**	
DATE	01/14/22	**DATE**	01/14/22

RPM:pan

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TEST REPORT FOR NORTH EASST WINDOWS USA, INC.
Report No.: M9791.01-116-46 R0
Date: 01/14/22

SECTION 2
SUMMARY OF TEST RESULTS

Standardized U-factor (Ust): 0.27 Btu/hr·ft^2·F (CTS Method)

SECTION 3
TEST SPECIMEN SUMMARY

SERIES/MODEL	100 Double Hung
TYPE	Vertical Slider (Double Hung)
OVERALL SIZE	47-1/4" x 59" (1200 mm x 1499 mm) (Model Size)
NFRC STANDARD SIZE	47.2" x 59.1" (1200 mm wide x 1500 mm high)
TEST SAMPLE SUBMITTED BY	Client
TEST SAMPLE SUBMITTED FOR	Validation for Recertification (Production Line Unit) & Plant Qualification

SECTION 4
TEST METHOD

The specimens were evaluated in accordance with the following:

NFRC 102-2020, Procedure for Measuring the Steady-State Thermal Transmittance of Fenestration Systems

SECTION 5
MATERIAL SOURCE/INSTALLATION

The test specimen was provided by the client.

The test sample was installed in a vertical orientation, the exterior of the specimen was exposed to the cold side.

SECTION 6
LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Shon W. Einsig	Intertek B&C
Ryan P. Moser	Intertek B&C

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TEST REPORT FOR NORTH EASST WINDOWS USA, INC.
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SECTION 7
TEST SAMPLE DESCRIPTION

Frame

MATERIAL	VY: Vinyl		
SIZE	47-1/4" x 59" (Model Size)		
DAYLIGHT OPENING	N/A	**GLAZING METHOD**	N/A
EXTERIOR COLOR	White	**EXTERIOR FINISH**	Vinyl
INTERIOR COLOR	White	**INTERIOR FINISH**	Vinyl
CORNER JOINERY	Coped / Screws / Unsealed		

Exterior Sash

MATERIAL	VY: Vinyl		
SIZE	43-1/2" x 28-1/2"		
DAYLIGHT OPENING	40-1/2" x 25-1/2"	**GLAZING METHOD**	Channel
EXTERIOR COLOR	White	**EXTERIOR FINISH**	Vinyl
INTERIOR COLOR	White	**INTERIOR FINISH**	Vinyl
CORNER JOINERY	Mitered / Screws / Unsealed		

Interior Sash

MATERIAL	VY: Vinyl		
SIZE	44-1/2" x 28-1/2"		
DAYLIGHT OPENING	41-1/2" x 25-1/2"	**GLAZING METHOD**	Channel
EXTERIOR COLOR	White	**EXTERIOR FINISH**	Vinyl
INTERIOR COLOR	White	**INTERIOR FINISH**	Vinyl
CORNER JOINERY	Mitered / Screws / Unsealed		

Glazing Information

LAYER 1	SS	AGC Comfort Select 28 (e=0.023*, #2)	
GAP 1	0.59"	P1-S: Duralite Spacer	90% Argon*
LAYER 2	DS	AGC Comfort Select 73 (e=0.148*, #4)	
GAS FILL METHOD	Single-Probe Method*		

**Stated per the client/manufacturer and can affect the validity of results*
N/A Non-Applicable

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SECTION 7 (CONTINUED)

TEST SAMPLE DESCRIPTION (CONTINUED)

Weatherstripping

DESCRIPTION	QUANTITY	LOCATION
Polypile with center fin	2 Rows	All stiles
Polypile with center fin	1 Row	All rails and sill
Wrapped foam gasket	1 Row	Bottom rail

Hardware

DESCRIPTION	QUANTITY	LOCATION
Plastic cam sweep lock	2	Interior meeting rail
Plastic keeper	2	Exterior meeting rail
Constant force balance	2	Two per jamb
Plastic tilt-latch	2	Top corners of each sash
Metal pivot bar	2	Bottom corners of each sash
Safety latch	2	Exterior sash stiles

Drainage

DRAINAGE METHOD	SIZE	QUANTITY	LOCATION
Weepslot	0.38" x 0.19"	4	Bottom corners of each sash
Stepped sill		1	Sill

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TEST REPORT FOR NORTH EASST WINDOWS USA, INC.
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Date: 01/14/22

SECTION 8
THERMAL TRANSMITTANCE (U-FACTOR): MEASURED TEST DATA

Heat Flows

1.	Total Measured Input into Metering Box (Qtotal)	453.02	Btu/hr
2.	Surround Panel Heat Flow (Qsp)	51.94	Btu/hr
3.	Surround Panel Thickness	4.00	inches
4.	Surround Panel Conductance	0.0475	Btu/hr·ft^2·F
5.	Metering Box Wall Heat Flow (Qmb)	2.71	Btu/hr
6.	EMF vs Heat Flow Equation (equivalent information)	0.0118*EMF + 0.002	
7.	Flanking Loss Heat Flow (Qfl)	9.96	Btu/hr
8.	Net Specimen Heat Loss (Qs)	388.41	Btu/hr

Areas

1.	Test Specimen Projected Area (As)	19.36	ft^2
2.	Test Specimen Projected Frame Area (Af)	4.84	ft^2
3.	Test Specimen Projected Glazing Area (Ag)	14.52	ft^2
4.	Metering Box Opening Area (Amb)	36.11	ft^2
5.	Metering Box Baffle Area (Ab1)	33.94	ft^2
6.	Surround Panel Interior Exposed Area (Asp)	16.75	ft^2

Test Conditions

1.	Average Metering Room Air Temperature (th)	69.79	F
2.	Average Cold Side Air Temperature (tc)	-0.40	F
3.	Average Guard/Environmental Air Temperature	71.24	F
4.	Metering Room Average Relative Humidity	6.89	%
5.	Metering Room Maximum Relative Humidity	7.02	%
6.	Metering Room Minimum Relative Humidity	6.76	%
7.	Measured Cold Side Wind Velocity (Perpendicular Flow)	12.66	mph
8.	Measured Warm Side Wind Velocity (Parallel Flow)	NA	mph
9.	Measured Static Pressure Difference Across Test Specimen	0.00" ± 0.04"	H_2O

Average Surface Temperatures

1.	Metering Room Surround Panel	65.71	F
2.	Cold Side Surround Panel	0.41	F

Results

1.	Thermal Transmittance of Test Specimen (Us)	0.29	Btu/hr·ft^2·F
2.	Standardized Thermal Transmittance of Test Specimen (Ust)	0.27	Btu/hr·ft^2·F

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SECTION 9
THERMAL TRANSMITTANCE (U-FACTOR): CALCULATED TEST DATA

CTS Method Results

1.	Warm Side Surface Emittance of CTS (e1)	0.84	
2.	Warm Side Area-Weighted Surface Emittance of Specimen Frame (ef1)	0.90	
3.	Warm Side Area-Weighted Surface Emittance of Specimen Glazing (eg1)	0.15	
4.	Warm Side Surface Emittance of Surround Panel (esp1)	0.90	
5.	Warm Side Area-Weighted Surface Emittance in View of the Baffle (es1)	0.60	
6.	Warm Side Baffle Emittance (eb1)	0.92	
7.	Cold Side Baffle Emittance (eb2)	N/A	
8.	Equivalent Warm Side Surface Temperature (t1)	53.09	F
9.	Equivalent Cold Side Surface Temperature (t2)	3.19	F
10.	Warm Side Baffle Surface Temperature	68.87	F
11.	Cold Side Baffle Surface Temperature	N/A	F
12.	Measured Warm Side Surface Conductance (hh)	1.20	$Btu/hr \cdot ft^2 \cdot F$
13.	Measured Cold Side Surface Conductance (hc)	5.59	$Btu/hr \cdot ft^2 \cdot F$
14.	Test Specimen Thermal Conductance (Cs)	0.40	$Btu/hr \cdot ft^2 \cdot F$
15.	Convection Coefficient (Kc)	0.34	$Btu/(hr \cdot ft^2 \cdot F^{1.25})$
16.	Radiative Test Specimen Heat Flow (Qr1)	167.90	Btu/hr
17.	Conductive Test Specimen Heat Flow (Qc1)	220.51	Btu/hr
18.	Radiative Heat Flux of Test Specimen (qr1)	8.67	$Btu/hr \cdot ft^2 \cdot F$
19.	Convective Heat Flux of Test Specimen (qc1)	11.39	$Btu/hr \cdot ft^2 \cdot F$
20.	Standardized Warm Side Surface Conductance (hsth)	0.99	$Btu/hr \cdot ft^2 \cdot F$
21.	Standardized Cold Side Surface Conductance (hstc)	5.28	$Btu/hr \cdot ft^2 \cdot F$
22.	Standardized Thermal Transmittance (Ust)	0.27	$Btu/hr \cdot ft^2 \cdot F$

SECTION 10
TEST DURATION

1. The environmental systems were started at 14:21 hours, 01/06/22.
2. The test parameters were considered stable for two consecutive four hour test periods from 22:02 hours, 01/06/22 to 06:02 hours, 01/07/22.
3. The thermal performance test results were derived from 02:02 hours, 01/07/22 to 06:02 hours, 01/07/22.

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SECTION 11
GLAZING DEFLECTION

	EXTERIOR SASH	INTERIOR SASH
EDGE GAP WIDTH	0.59"	0.59"
ESTIMATED CENTER GAP WIDTH upon receipt of specimen in laboratory (after stabilization)	0.59"	0.59"
CENTER GAP WIDTH at laboratory ambient conditions on day of testing	0.59"	0.59"
CENTER GAP WIDTH at test conditions	0.59"	0.56"

Glass collapse determined using a digital glass and air space meter

The sample was inspected for the formation of frost or condensation, which may influence the surface temperature measurements. The sample showed no evidence of condensation/frost at the conclusion of the test.

"This test method does not include procedures to determine the heat flow due to either air movement through the specimen or solar radiation effects. As a consequence, the thermal transmittance results obtained do not reflect performances which are expected from field installations due to not accounting for solar radiation, air leakage effects, and the thermal bridge effects that have the potential to occur due to the specific design and construction of the fenestration system opening. The latter can only be determined by in-situ measurements. Therefore, it is important to recognize that the thermal transmittance results obtained from this test method are for ideal laboratory conditions and should only be used for fenestration product comparisons and as input to thermal performance analyses which also include solar, air leakage and thermal bridge effects."

Required annual calibrations for the Intertek B&C, 'thermal test chamber' (ICN 000001) in York, Pennsylvania were last conducted in May 2021 in accordance with Intertek B&C calibration procedure. A CTS Calibration verification was performed October 2021. A Metering Box Wall Transducer and Surround Panel Flanking Loss Characterization was performed August 2021.

The reported Standardized Thermal Transmittance (Ust) was determined using CTS Method, per Section 9.2(A) of NFRC 102.

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SECTION 12
CTS CALIBRATION DATA

1.	CTS Test Date	07/03/21	
2.	CTS Size	21.53	ft^2
3.	CTS Glass/Core Conductance	0.42	$Btu/hr \cdot ft^2 \cdot F$
4.	Warm Side Air Temperature	69.80	F
5.	Cold Side Air Temperature	-0.38	F
6.	Warm Side Average Surface Temperature	54.11	F
7.	Cold Side Average Surface Temperature	3.41	F
8.	Convection Coefficient (Kc)	0.34	$Btu/(hr \cdot ft^2 \cdot F^{1.25})$
9.	Measured Cold Side Surface Conductance (hc)	5.59	$Btu/hr \cdot ft^2 \cdot F$
10.	Measured Thermal Transmittance	0.31	$Btu/hr \cdot ft^2 \cdot F$

ANSI/NCSL Z540-2-1997 type B uncertainty for this test was 2.08%.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule also called "Shared Risk Approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

"Ratings included in this report are for submittal to an NFRC licensed IA for certification purposes and are not meant to be used for labeling purposes. Only those options identified on a valid Certificate of Authorization (CA) are to be used for labeling purposes."

The direction of heat transfer was from the interior (warm side) to the exterior (cold side) of the specimen. The ratings were rounded in accordance to NFRC 601, NFRC Unit and Measurement Policy. The data acquisition frequency is 5 minutes.

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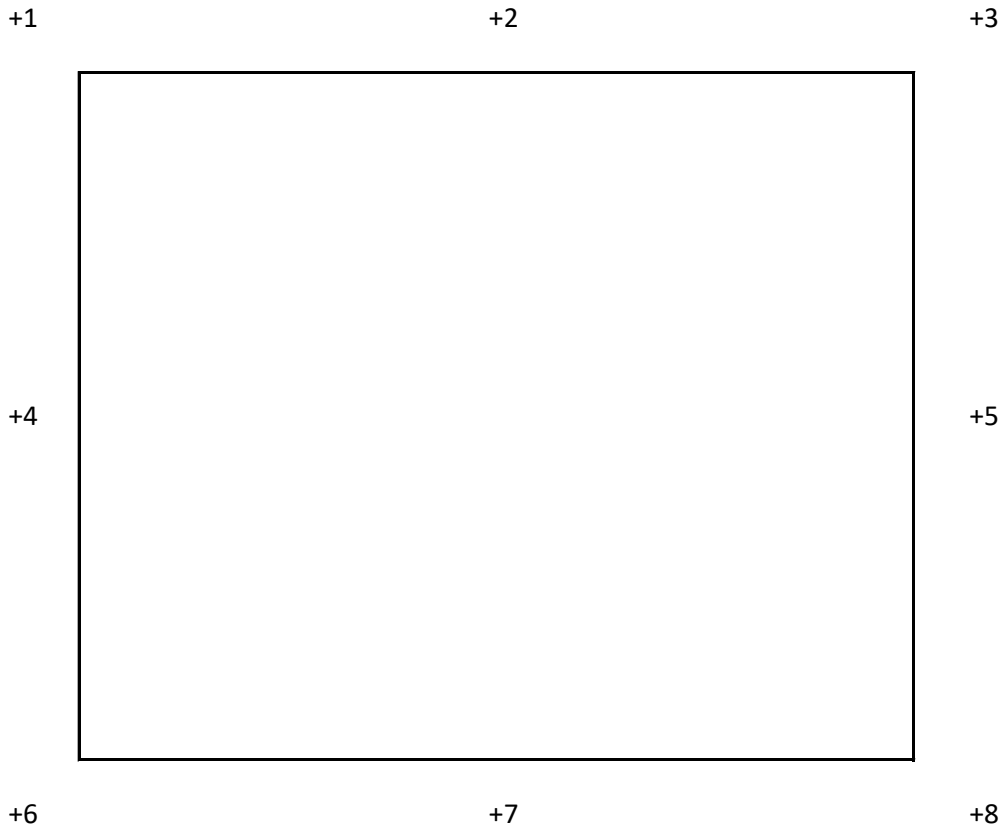
Report No.: M9791.01-116-46 R0
Date: 01/14/22

SECTION 13
SURROUND PANEL WIRING DIAGRAM



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TEST REPORT FOR NORTH EASST WINDOWS USA, INC.
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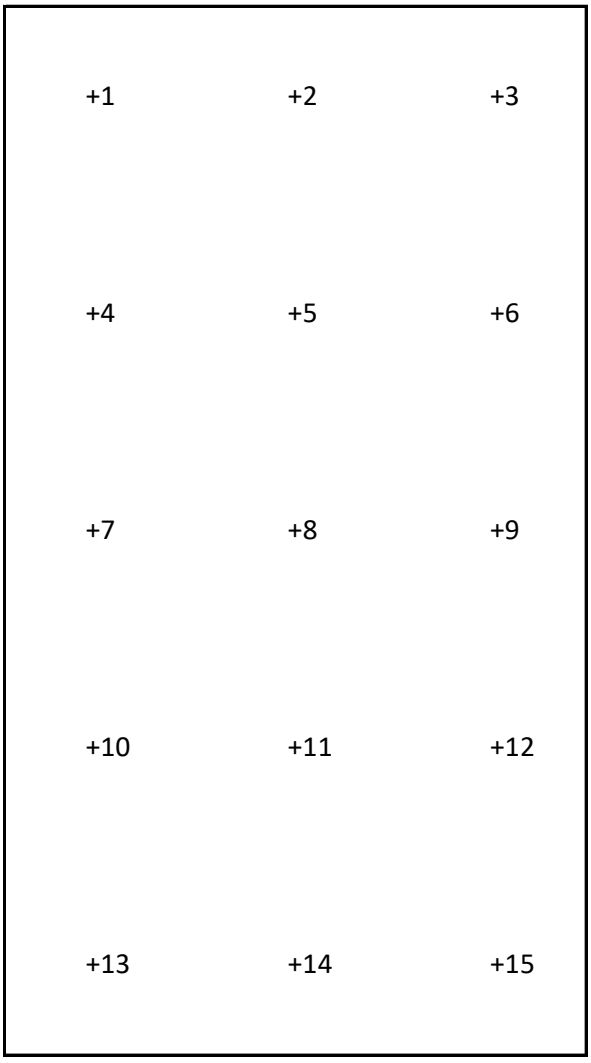
SECTION 14
BAFFLE WIRING DIAGRAM



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SECTION 15
SUBMITTAL FORM AND DRAWINGS

The test specimen drawings which follow 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.

NFRC PRODUCT CERTIFICATION PROGRAM

Submittal Form for Test Samples

National Fenestration Rating Council®

For use by Manufacturers, Lineal Suppliers and Fabricators

1. Information on Production of the Test Sample (complete **ALL** fields):

Manufacturer: Northeast Windows USA, INC. Date of sample manufacture: 9/30/2021

Plant Address where manufactured: 1 KEES PLACE

City: MERRICK State: NEW YORK Zip Code: 11566

Name of IA: ALI - FGIA Phone: 516-458-7465 Fax: 516-868-3577

2. Product Information (complete **APPLICABLE** fields):

Existing Product Line ID (CPD) No.: NEW-A-1 Product/Operator Type (Table 4-3 of NFRC 100): VSDH

Series/Model: DOUBLE HUNG - DH100

3. Test sample is being submitted for (select **ONE**):

a. ☐ Validation for Initial Certification (prototype only) no plant qualification

b. ☑ Validation for Initial Certification or Recertification (production line unit) & plant qualification

c. ☐ Plant Qualification Only (production line unit)

d. ☐ Test Only Alternative (production line unit) & plant qualification

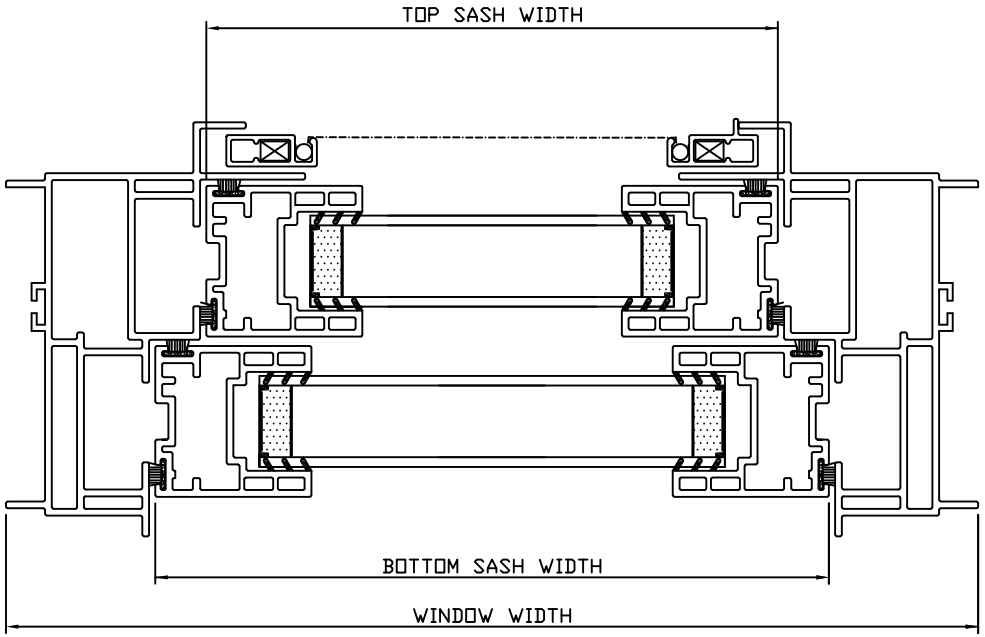
I, ALEX KAISERMAN, as the designated agent for NORTHEAST WINDOWS USA do hereby attest that the foregoing information is true to the best of my information, knowledge, and belief. Further, if the unit is identified in Section 3 as a production line unit, I hereby authorize the NFRC-accredited testing laboratory to send a copy of the test report to the IA identified above for plant qualification purposes pursuant to the NFRC Product Certification Program.

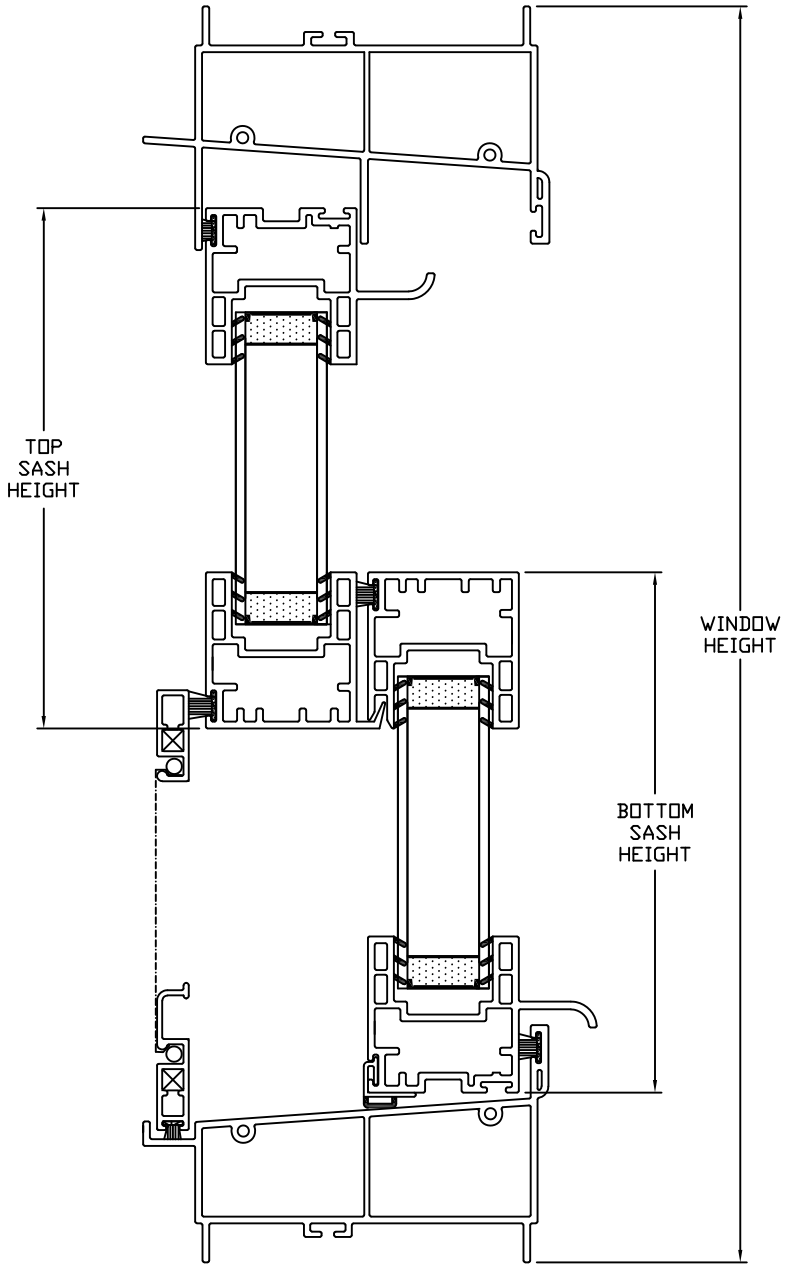
Signature: ALEX KAISERMAN Digitally signed by ALEX KAISERMAN Date: 2021.10.15 12:35:08 -04'00' Date: 10/15/2021

For Laboratory Use Only

1. Laboratory: Intertek
2. Date Sample Received: 12/22/21 Test Report #: mq791.01
3. Date Sample Tested: 1/7/22 By: RDm
4. Modifications made:

Report #: M9791-116-46
Date: 01/07/2022
Verified by: Ryan P. Moser





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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 QUALITY LINEALS "OUR NAME SAYS IT ALL"
BY DDS DESIGNS

1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS
4) BREAK ALL CORNERS R .015
5) AREA SQ.IN.
6) WT/FT LBS/FT

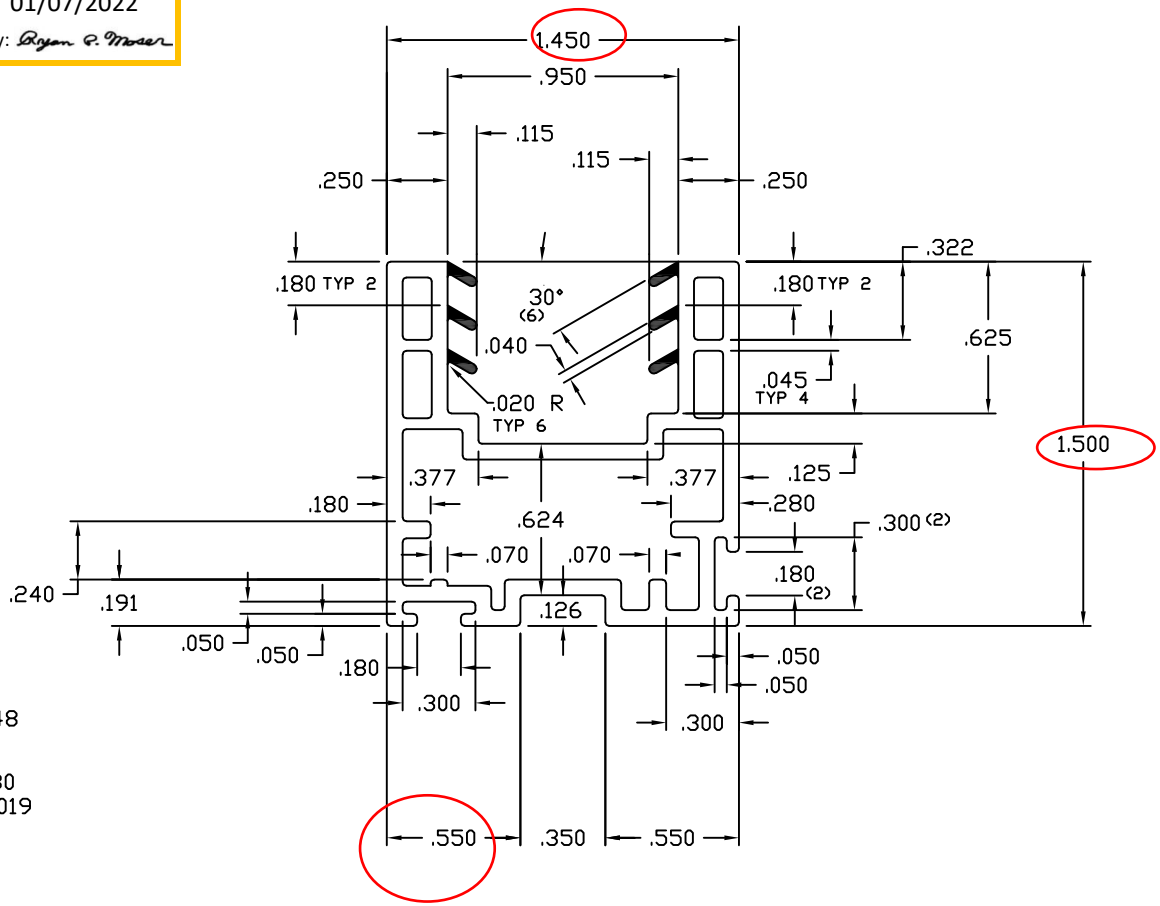
TITLE SERIES DH 100
MECH MAIN FRAME/MECH SASH

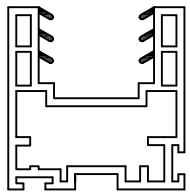
DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS		10/4/03		

COMPUTER NO

DWG NO C-100 DH CROSS SECTION

Report #: M9791-116-46
Date: 01/07/2022
Verified by: Ryan P. Moser





AREA OF RIGID PVC = .553
WT/FT OF RIGID PVC = .348

AREA OF FLEXIBLE PVC = .030
WT/FT OF FLEXIBLE PVC = .019

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 QUALITY LINEALS BY DDS DESIGNS
"OUR NAME SAYS IT ALL"

1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS .065
4) BREAK ALL CORNERS R .015
5) AREA SQ IN .583
6) WT/FT LBS/FT .367

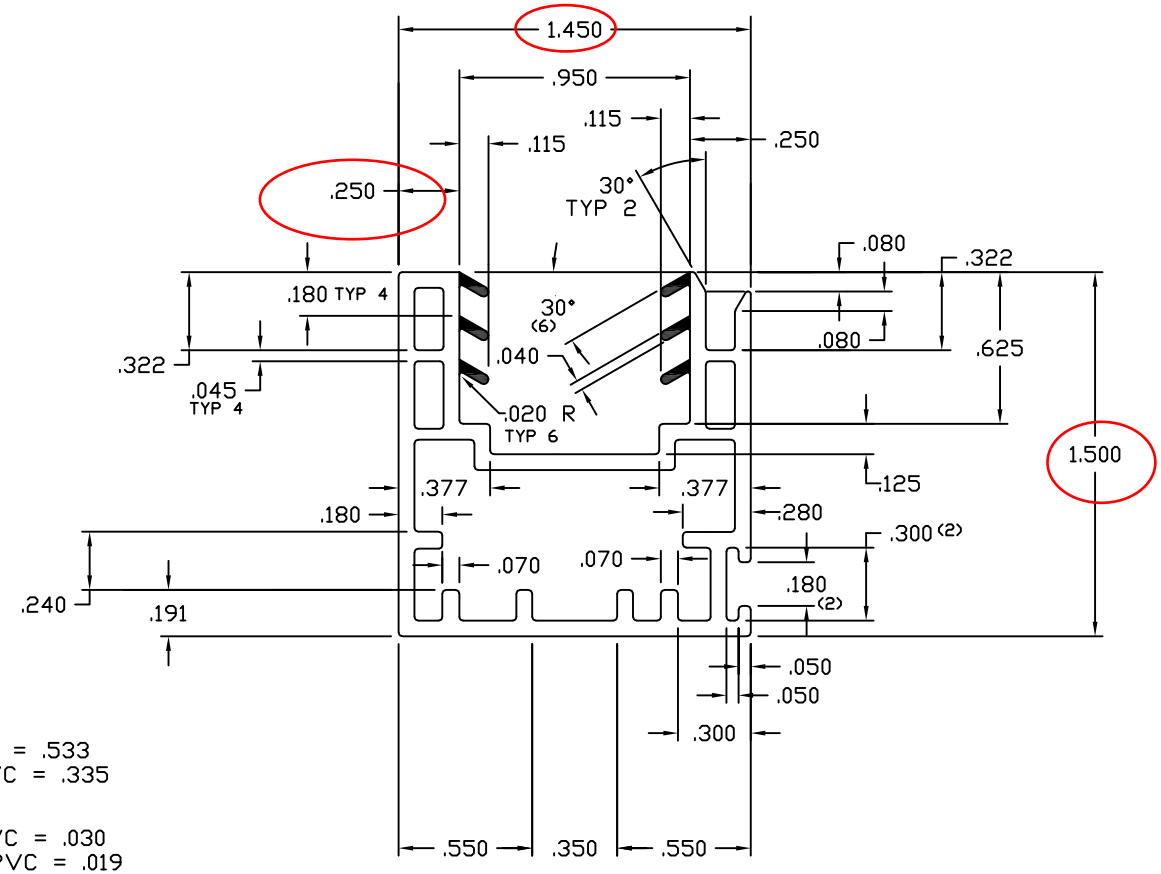
TITLE MECHANICAL DOUBLE HUNG
REGULAR SASH

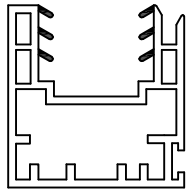
DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS	FULL	11/16/02		

COMPUTER NO

DWG NO B-DHDS-**2000**

Report #: M9791-116-46
Date: 01/07/2022
Verified by: Ryan P. Moser





AREA OF RIGID PVC = .533
WT/FT OF RIGID PVC = .335

AREA OF FLEXIBLE PVC = .030
WT/FT OF FLEXIBLE PVC = .019

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 QUALITY LINEALS "OUR NAME SAYS IT ALL"
BY DDS DESIGNS

1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS .065
4) BREAK ALL CORNERS R .015
5) AREA .363 SQ IN
6) WT/FT .345 LBS/FT

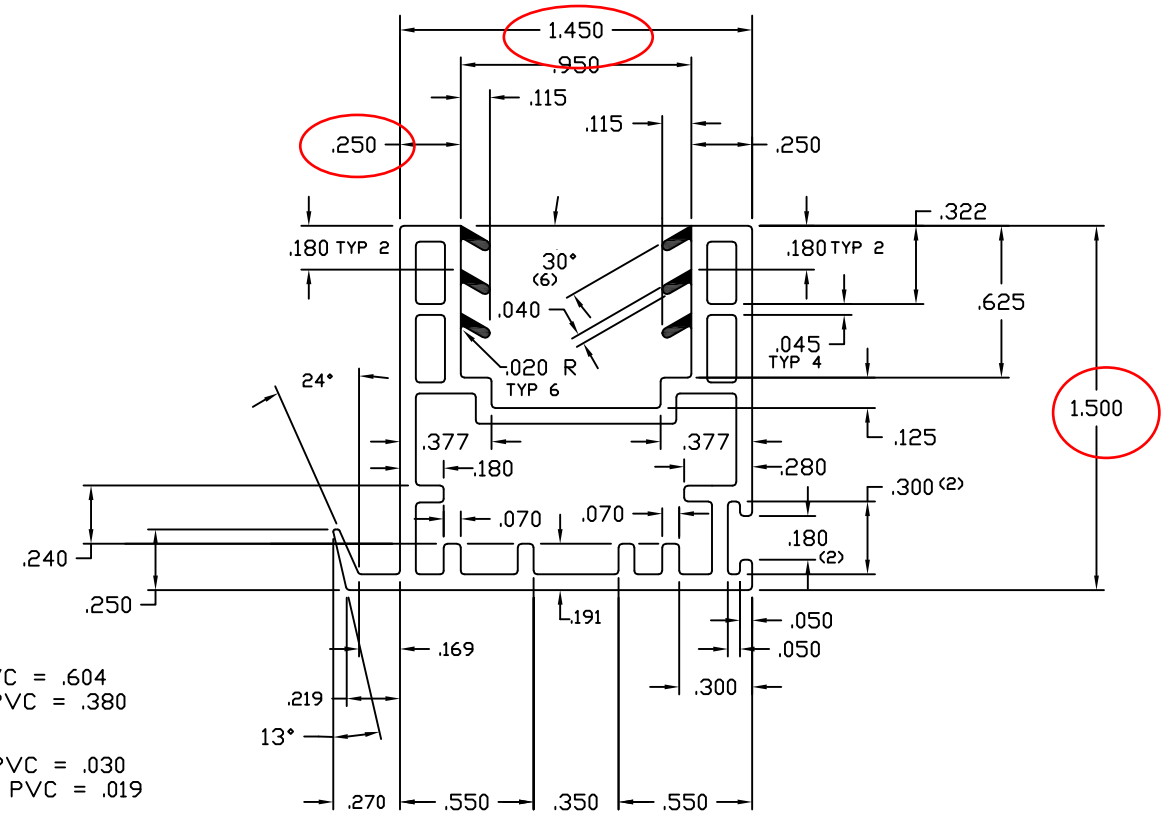
TITLE MECHANICAL DOUBLE HUNG INTERLOCK FEMAL-LOCK RAIL

DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS	FULL	11/16/02		

COMPUTER NO

DWG NO B-DHIF-**2003**

Report #: M9791-116-46
Date: 01/07/2022
Verified by: Ryan P. Moser



AREA OF RIGID PVC = .604
WT/FT OF RIGID PVC = .380

AREA OF FLEXIBLE PVC = .030
WT/FT OF FLEXIBLE PVC = .019

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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 QUALITY LINEALS BY DDS DESIGNS
"OUR NAME SAYS IT ALL"

1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS .065
4) BREAK ALL CORNERS R .015
5) AREA SQ IN .634
6) WT/FT .399 LBS/FT

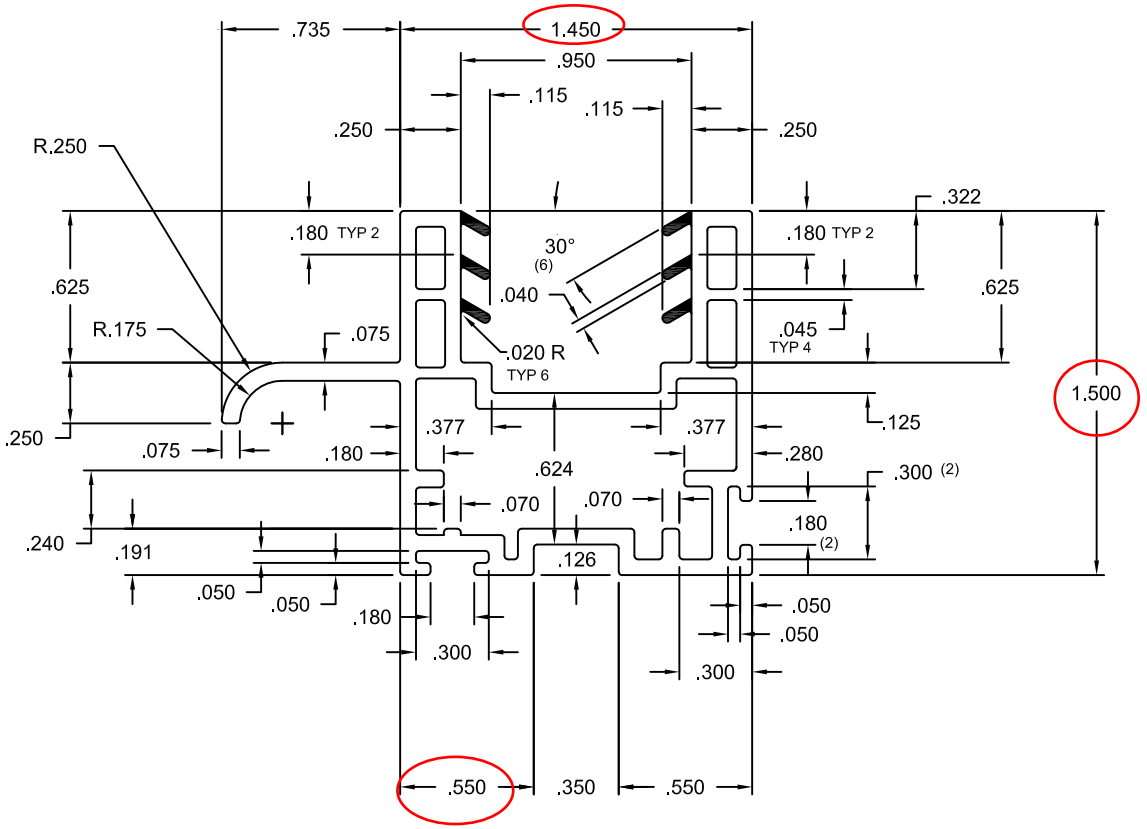
TITLE MECHANICAL DOUBLE HUNG
INTERLOCK MALE-KEEPER RAIL

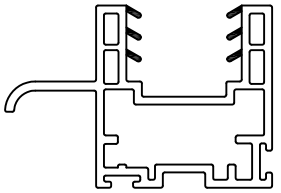
DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS	FULL	11/16/02		

COMPUTER NO

DWG NO B-DHIM-**2004**

Report #: M9791-116-46
Date: 01/07/2022
Verified by: Ryan P. Moser





AREA OF RIGID PVC = .619
WT/FT OF RIGID PVC = .389

AREA OF FLEXIBLE PVC = .030
WT/FT OF FLEXIBLE PVC = .019

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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°

TOLERANCES- .XX ± .010
.XXX ± .005

DRAWN FOR QUALITY LINEALS "OUR NAME SAYS IT ALL"
BY DDS DESIGNS

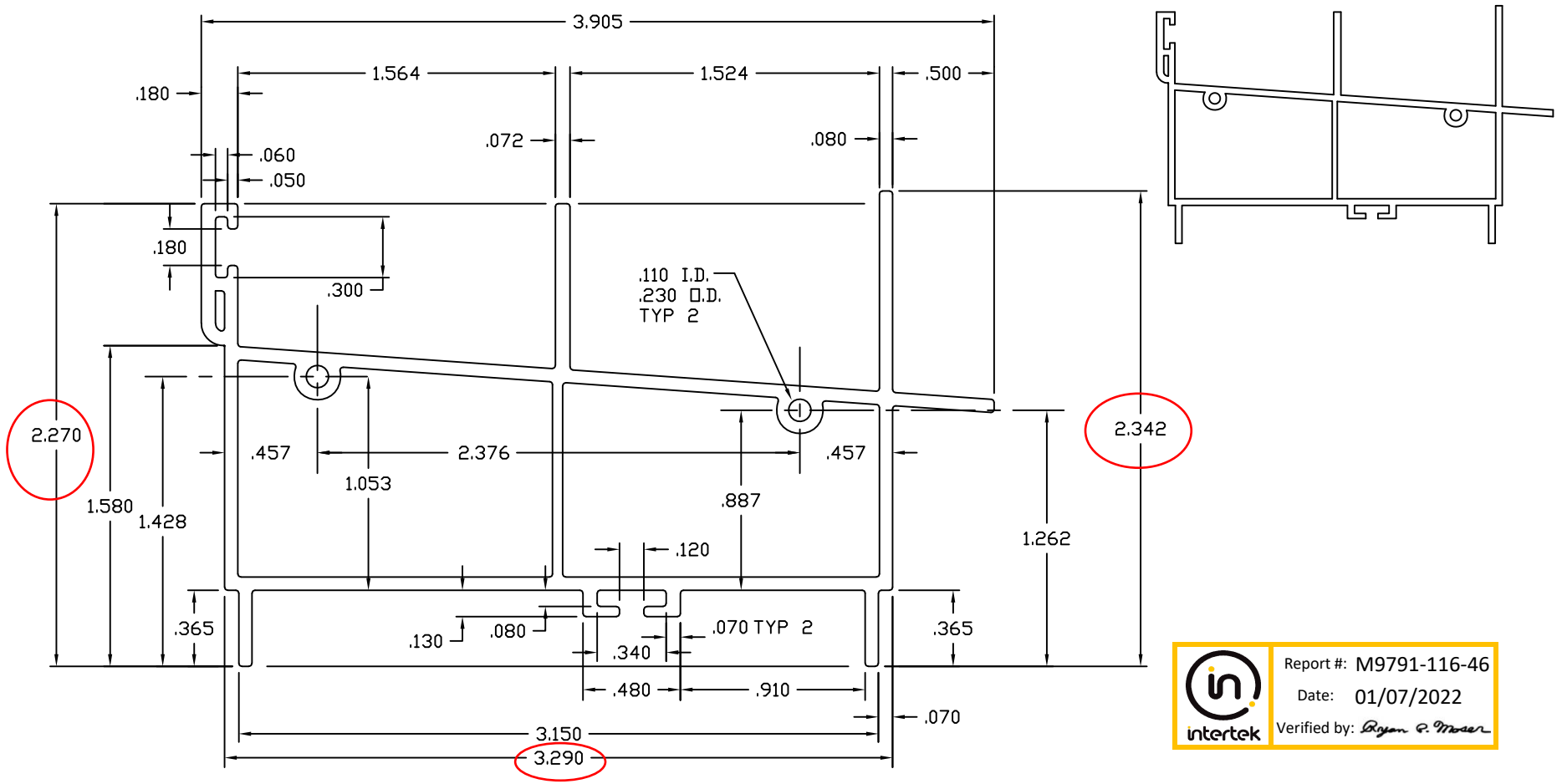
1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS .065
4) BREAK ALL CORNERS .015
5) AREA .649 SQ.IN.
6) WT/FT .408

TITLE MECHANICAL DOUBLE HUNG HANDLE SASH

DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS	FULL	11/18/02		

COMPUTER NO

DWG NO B-DHHS-2001



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Report #: M9791-116-46
Date: 01/07/2022
Verified by: Ryan P. Moser

DO NOT SCALE DRAWING

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 QUALITY LINEALS "OUR NAME SAYS IT ALL"
BY DDS DESIGNS

1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS .065
4) BREAK ALL CORNERS R .015
5) AREA .939 SQ IN
6) WT/FT .603 LBS/FT

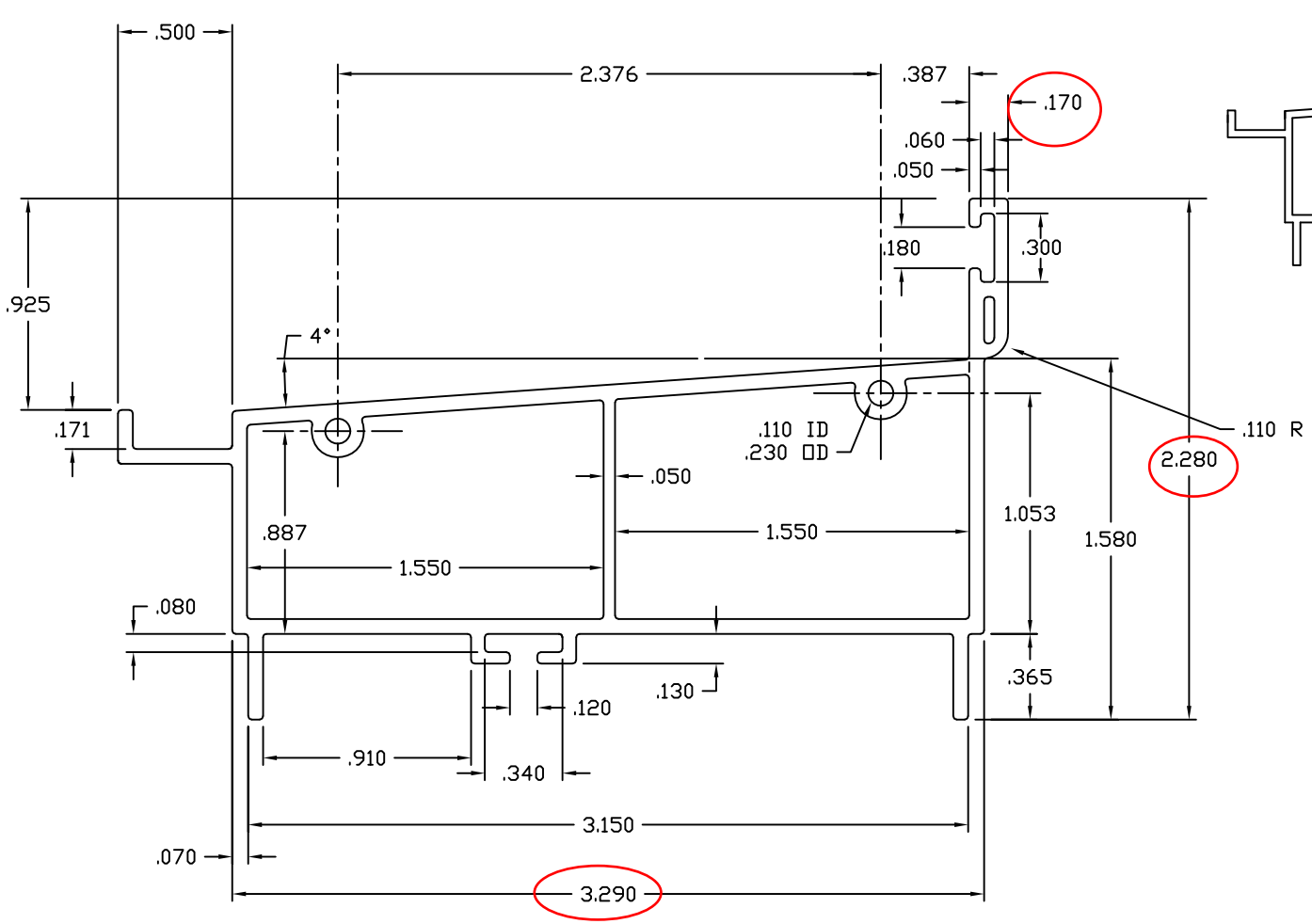
TITLE MECHANICAL DOUBLE HUNG MASTER HEAD

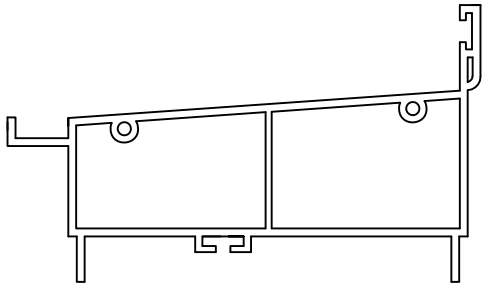
DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS	2:1	11/13/02		

COMPUTER NO

DWG NO B-DHMH-**2011**

Report #: M9791-116-46
Date: 01/07/2022
Verified by: Ryan P. Moser





DO NOT SCALE DRAWING

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 QUALITY LINEALS "OUR NAME SAYS IT ALL"

BY DDS DESIGNS

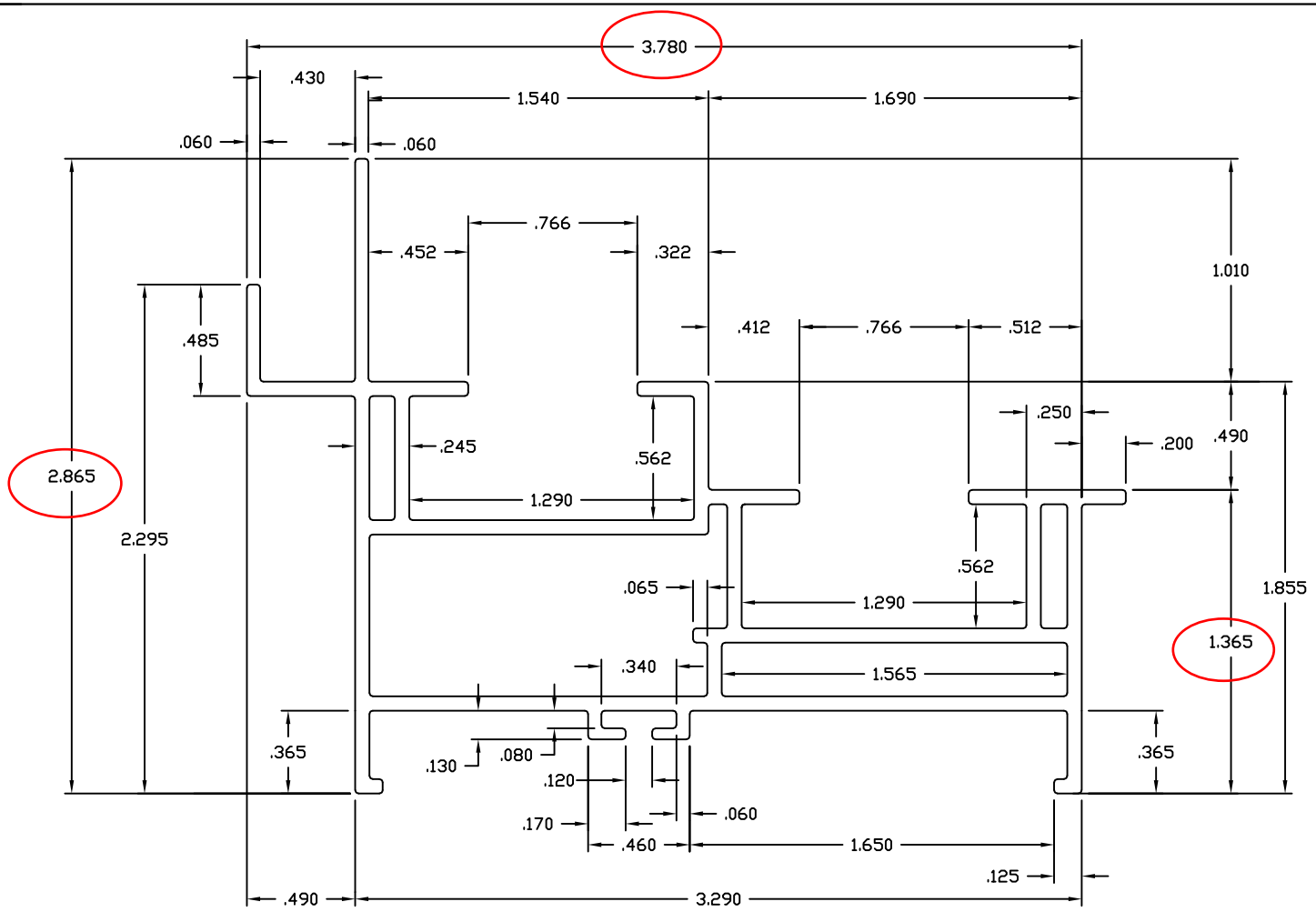
1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS .065
4) BREAK ALL CORNERS R .015
5) AREA SQ.IN .815
6) WT/FT LBS/FT .512

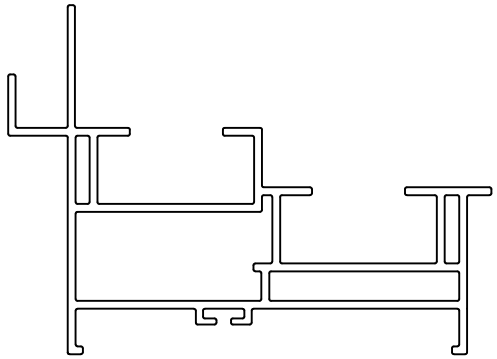
TITLE MECHANICAL DOUBLE HUNG SILL

DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS	2:1	11/14/02		

COMPUTER NO

DWG NO B-DHMS-**2013**





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Report #: M9791-116-46

Date: 01/07/2022

Verified by: Ryan P. Moser

DO NOT SCALE DRAWING

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 QUALITY LINEALS BY DDS DESIGNS

"OUR NAME SAYS IT ALL"

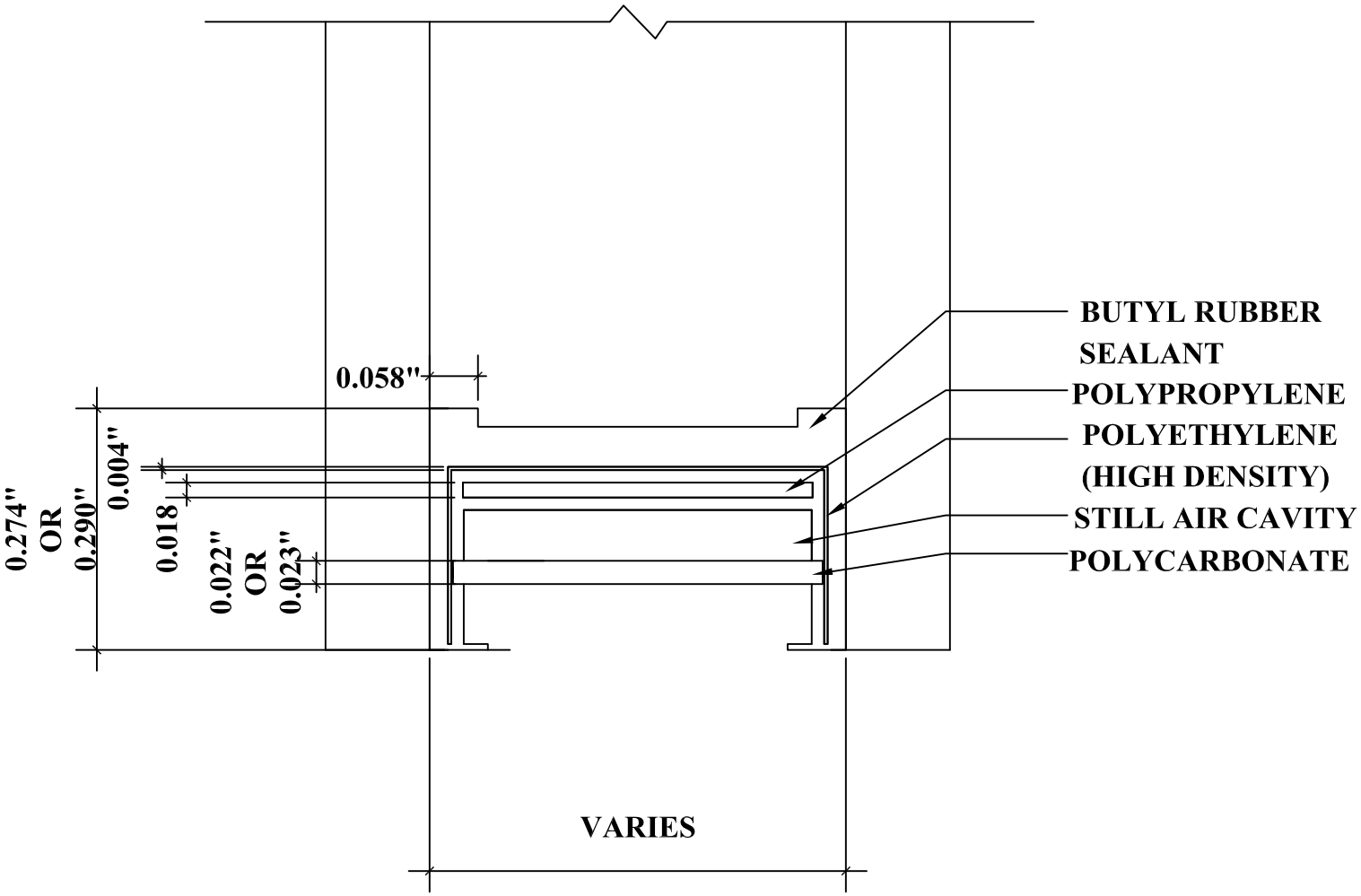
1) MATERIAL RIGID PVC
2) CAPSTOCK
3) UNSPECIFIED WALLS .065
4) BREAK ALL CORNERS R .015
5) AREA SQ IN 1.061
6) WT/FT .636 LBS/FT

TITLE MECHANICAL DOUBLE HUNG NEW JAMB

DWN BY	SCALE	DATE	CHKD BY	APPD BY
DDS	2:1	11/19/02		

COMPUTER NO

DWG NO B-DHMJN-**2018**



DETAIL FOR THERMAL MODELING OF
QUANEX DURALITE SPACER (P1-S)

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SECTION 16
REVISION LOG

REVISION #	DATE	PAGES	REVISION
.01 R0	01/14/22	N/A	Original Report Issue