

SERIES 82000 SINGLE HUNG WINDOW, NON-IMPACT

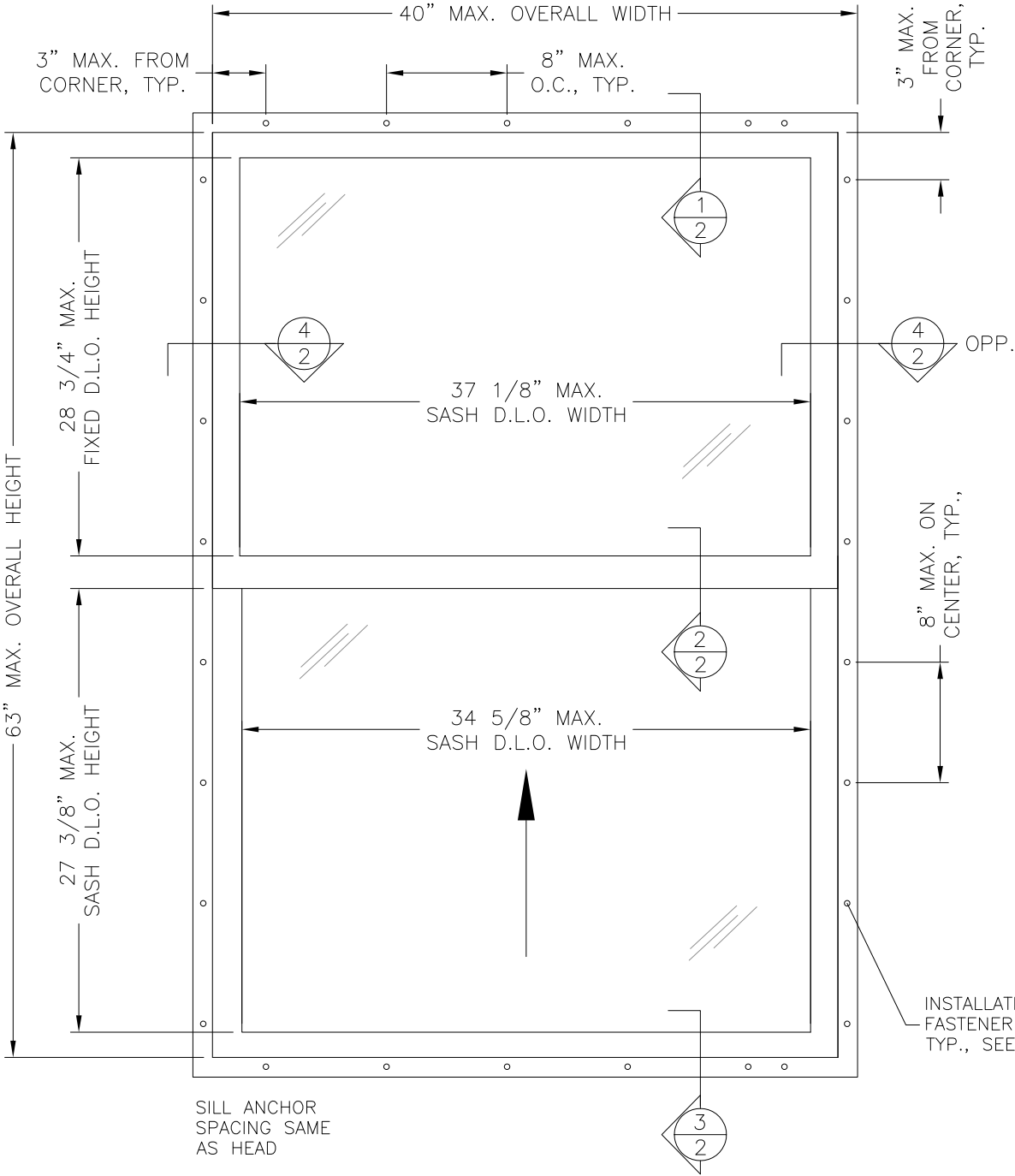
SHEET	DESCRIPTION
1.....	ELEVATION, GEN. NOTES
2.....	SECTION DETAILS
3.....	ANCHORAGE DETAILS, NOTES
4.....	B.O.M., JOINERY, PART DRAWINGS

TAFCO CORPORATION
1953 NORTH 17TH AVE.
MELROSE PARK, ILLINOIS 60160
PH: 847-678-8425

VINYL SINGLE
HUNG WINDOW
SERIES 82000

TABLE 1. DESIGN PRESSURE RATINGS

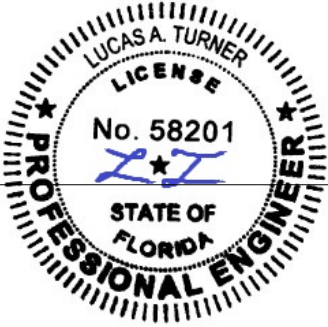
GLASS	DESIGN PRESSURE RATING	IMPACT RATING
1/8"-1/8" I.G. ANNEALED MINIMUM	+15/-15 PSF	NONE
3/16"ANNEALED MINIMUM		



Lucas Turner
2025.12.15
17:00:22
-06'00'

GENERAL NOTES

1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS NON-IMPACT RESISTANT AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
2. THIS PRODUCT HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S.2/A440-11, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 8TH EDITION (2023), NOT INCLUDING THE HIGH VELOCITY HURRICANE ZONE. PRODUCTS SHALL BE CONSTRUCTED AS INDICATED IN INTERTEK REPORT H0399.02-109-44; FOR DETAILS NOT SHOWN IN THIS DRAWING SEE REPORT.
3. ALLOWABLE CONFIGURATIONS: O/X (FIXED OVER OPERABLE)
4. THE DESIGN PRESSURE RATINGS AS SHOWN IN TABLE 1, THIS SHEET, ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED WATER AND STRUCTURAL PRESSURES. OTHER GLASS, ANNEALED OR TEMPERED OF GREATER OR EQUAL THICKNESS TO THOSE NOTED IN TABLE 1, WHICH MEETS ASTM E 1300 REQUIREMENTS FOR EACH PROJECT, MAY BE USED.
5. THE 4/3 ALLOWABLE STRESS INCREASE FACTOR (SHORT-TERM INCREASE FACTOR) HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF ANCHORAGE INTO WOOD SUBSTRATE.
6. INSTALLATION OF WOOD BUCKS TO THE SUBSTRATE TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (A.H.J.). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO RECEIVE THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR A.H.J.
7. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED TO PREVENT GALVANIC REACTIONS. WOOD BUCKS, IF USED, SHALL BE PRESSURE TREATED, WITH EITHER A TREATMENT OR COATING COMPATIBLE WITH THIS PRODUCT. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS.
8. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, OR AS APPROVED, SIGNED, AND SEALED BY A FLORIDA-REGISTERED PROFESSIONAL ENGINEER ON A SITE-SPECIFIC BASIS.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND IS NOT ADDRESSED BY THIS DOCUMENT.

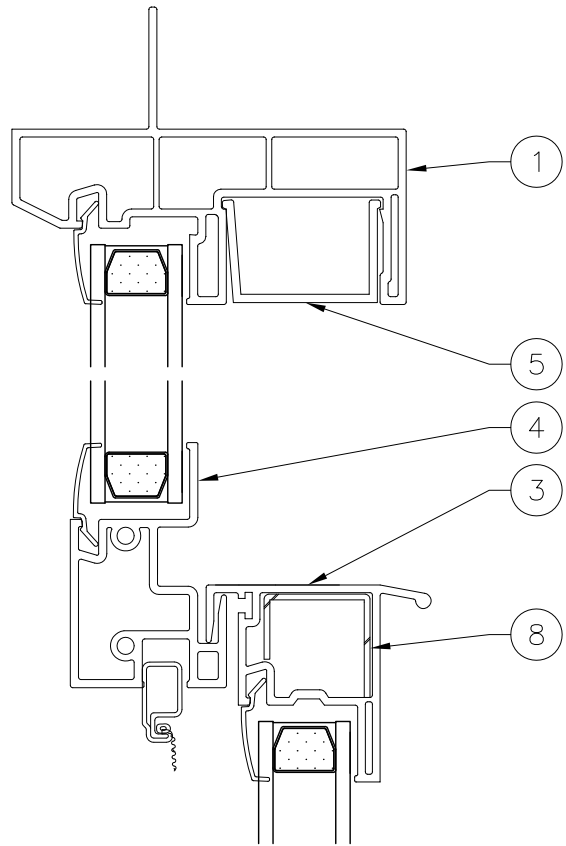


12/15/2025
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
2428 OLD NATCHEZ TRC TRL
CAMDEN, TN 38320
PH. 941-380-1574

DRAWN BY:	LAT
DATE:	1/31/2018
SCALE:	NTS
REVISION:	
REVISION:	
DRAWING #	FPA-82000-SH
SHEET DESCRIPTION	NOTES, ELEVATION
SHEET	1 of 4

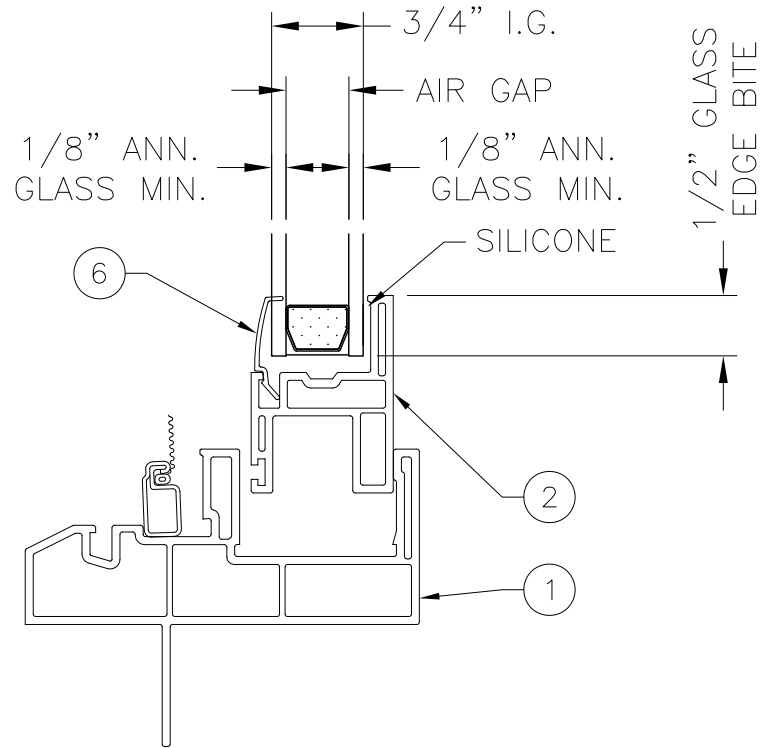
1
2

2
2

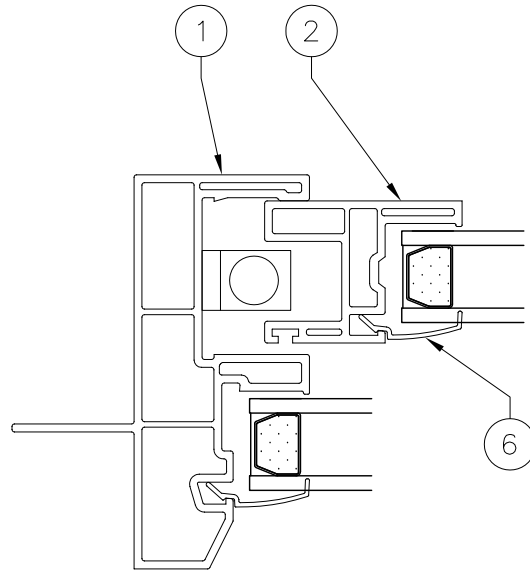


TYP. I.G.
GLAZING
DETAIL

3
2

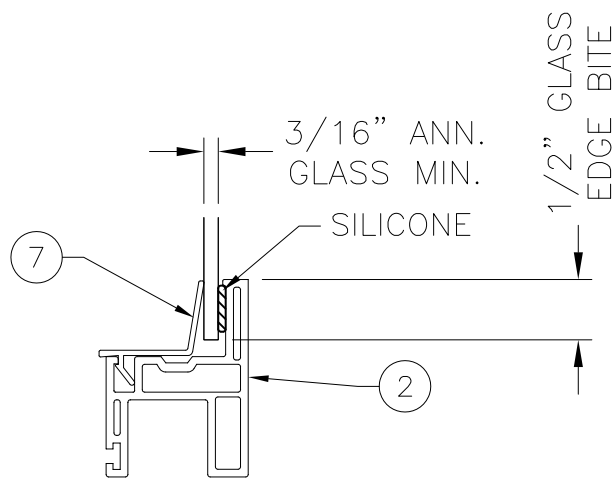


TYPICAL VERTICAL SECTION

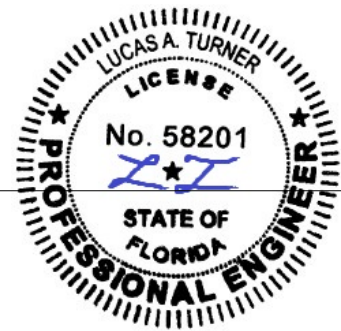


4
2

TYPICAL HORIZONTAL SECTION



TYPICAL SINGLE GLAZING DETAIL



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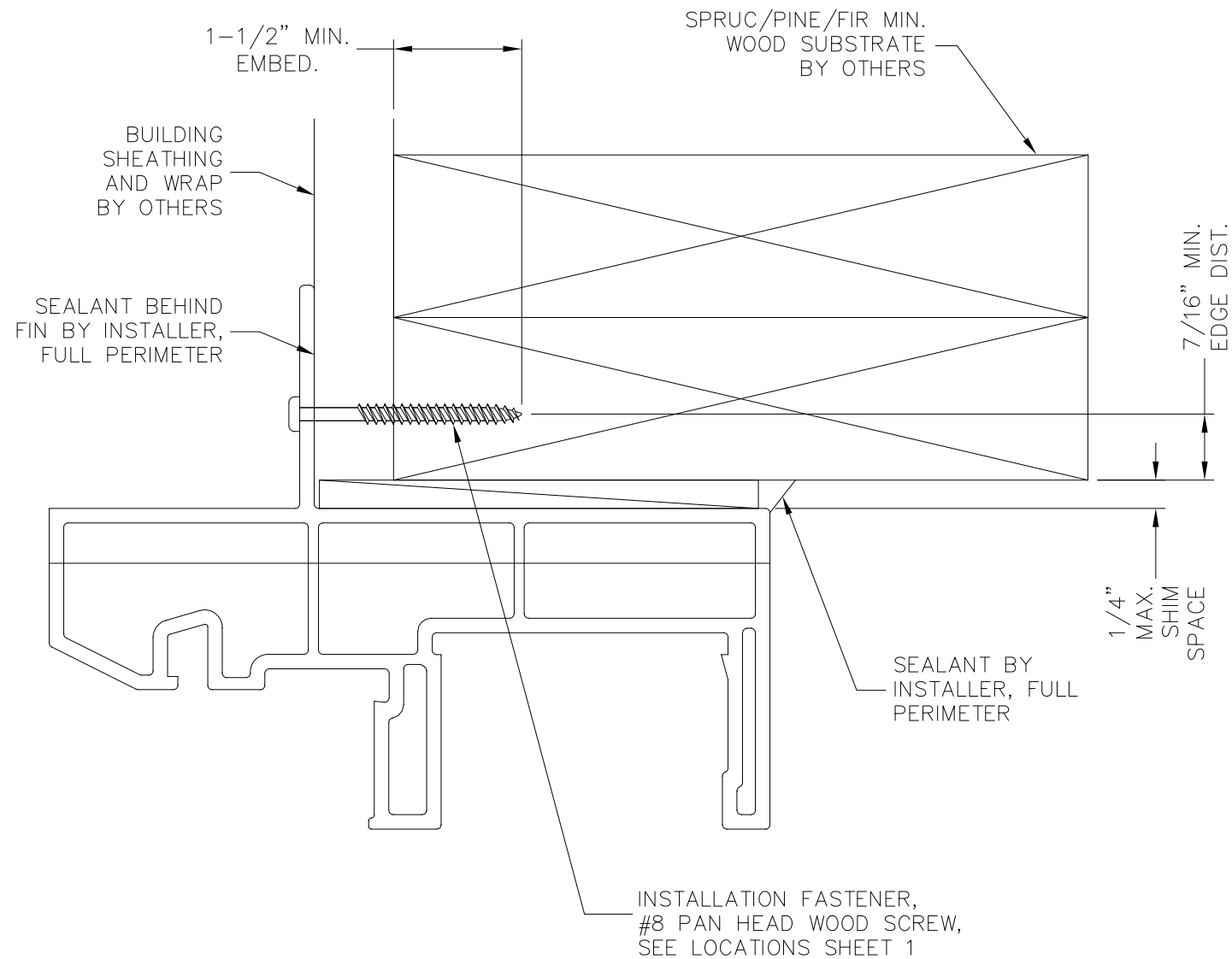
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SECTION
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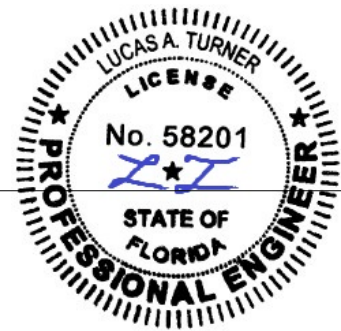
SHEET
2 of 4



TYPICAL INSTALLATION HEAD, SILL, AND JAMB

GENERAL ANCHOR NOTES:

1. INSTALL ONE ANCHOR AS SHOWN ABOVE AT EACH LOCATION SHOWN IN THE ELEVATION ON SHEET 1 FOR PRODUCT PERIMETER.
2. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE.
3. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE.
4. SPECIFIED ANCHOR EMBEDMENT TO WOOD SUBSTRATE SHALL BE BEYOND SHEATHING, WALL FINISH OR STUCCO.
5. THE INSTALLATION DETAIL SHOWN IS ALSO APPLICABLE FOR INSTALLATION TO WOOD BUCKS INSTALLED OVER CONCRETE/MASONRY, WITH ATTACHMENT OF 2X TO CONCRETE/MASONRY BY OTHERS.



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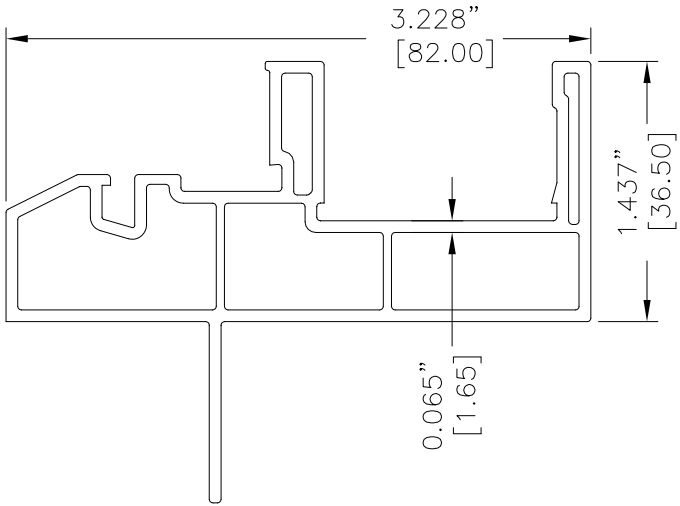
SHEET DESCRIPTION

INSTALLATION
DETAILS

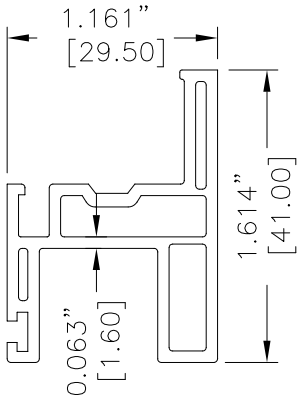
SHEET

3 of 4

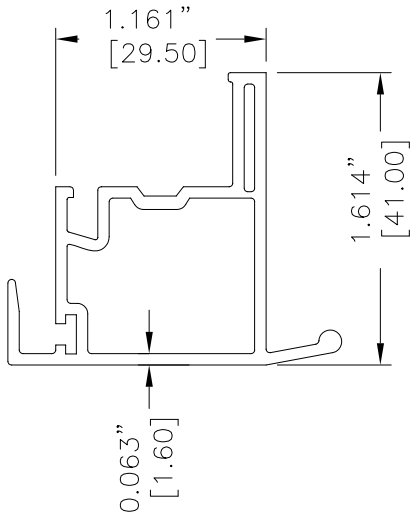
82000 SERIES SINGLE HUNG WINDOW BILL OF MATERIALS				
ITEM NO.	DWG. NO.	NAME	MATERIAL	DESCRIP.
1	HMST82-01	MAIN FRAME	PVC	EXTRUSION
2	HMST82-04	SASH	PVC	EXTRUSION
3	HMST82-05	LOCKED SASH	PVC	EXTRUSION
4	HMST82-06	INTERLOCK	PVC	EXTRUSION
5	HMST82-08	COVER	PVC	EXTRUSION
6	HMST130-10B	IG GLASS BEAD	PVC	EXTRUSION
7	HMST130-10A	SINGLE GLASS BEAD	PVC	EXTRUSION
8	STEEL REINF.	21.45x22x1.2 REINF	STEEL	ROLL-FORMED



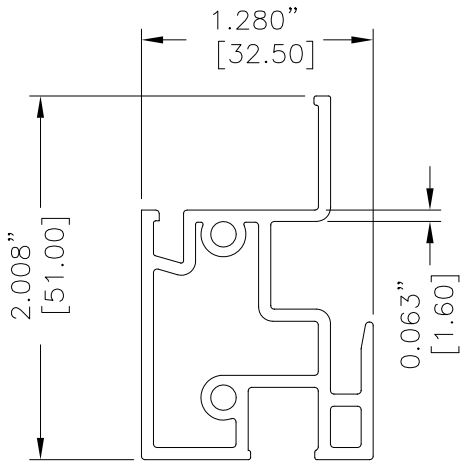
1 MAIN FRAME
HMST82-01



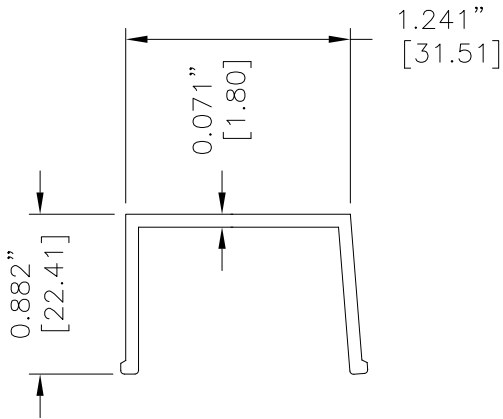
2 SASH
HMST82-04



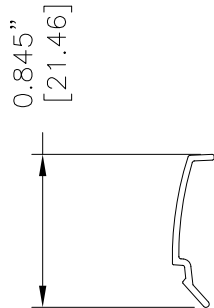
3 LOCKED SASH
HMST82-05



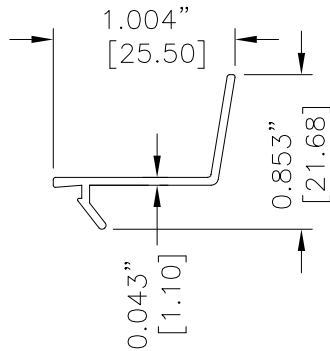
4 INTERLOCK
HMST82-06



5 COVER
HMST82-08



6 IG GLASS BEAD
HMST130-10B



7 SINGLE GLASS BEAD
HMST130-10A



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SHEET	4 of 4