



MIAMI-DADE
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Hope's Windows, Inc.
84 Hopkins Avenue
Jamestown, NY 14701

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Jamestown" Steel Project-Out Window – Impact Resistant

APPROVAL DOCUMENT: Drawing No. **S-2125**, dated 05/23/01, with revision 1 dated 09/27/02, titled "Hope's Jamestown Series Steel Project-Out w/ Equal & Long Leg Frames", Sheets 1 through 6, prepared by R W Building Consultants, Inc., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No 01-0618.02
Expiration Date: October 24, 2007
Approval Date: October 24, 2002

HOPE'S Windows, Inc.

THE JAMESTOWN SERIES STEEL PROJECT-OUT WINDOWS
WITH EQUAL AND LONG LEG FRAMES

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. IMPACT RESISTANT SHUTTERS ARE NOT REQUIRED.
6. THIS SYSTEM MEETS THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".
7. ALL WINDOW FRAMES AND WINDOW COMPONENTS ARE ELECTRO-DEPOSITED ZINC COATING PER ASTM B-633 TYPE 1, CLASS 3. ALL WINDOW COMPONENTS ARE THEN FINISH PAINTED WITH ULTRATHANE ACRYLIC POLYURETHANE ENAMEL.

JAMESTOWN SERIES STEEL WINDOW CONSTRUCTION

(Common to all conditions)

Steel Frame Material: The steel frame is made from Hot-Rolled steel carbon .10 to .15, with a minimum yield strength $F_y = 43,000$ psi, an ultimate tensile strength of 65,418 psi, and an elongation of 20%. The minimum wall thickness is .140"

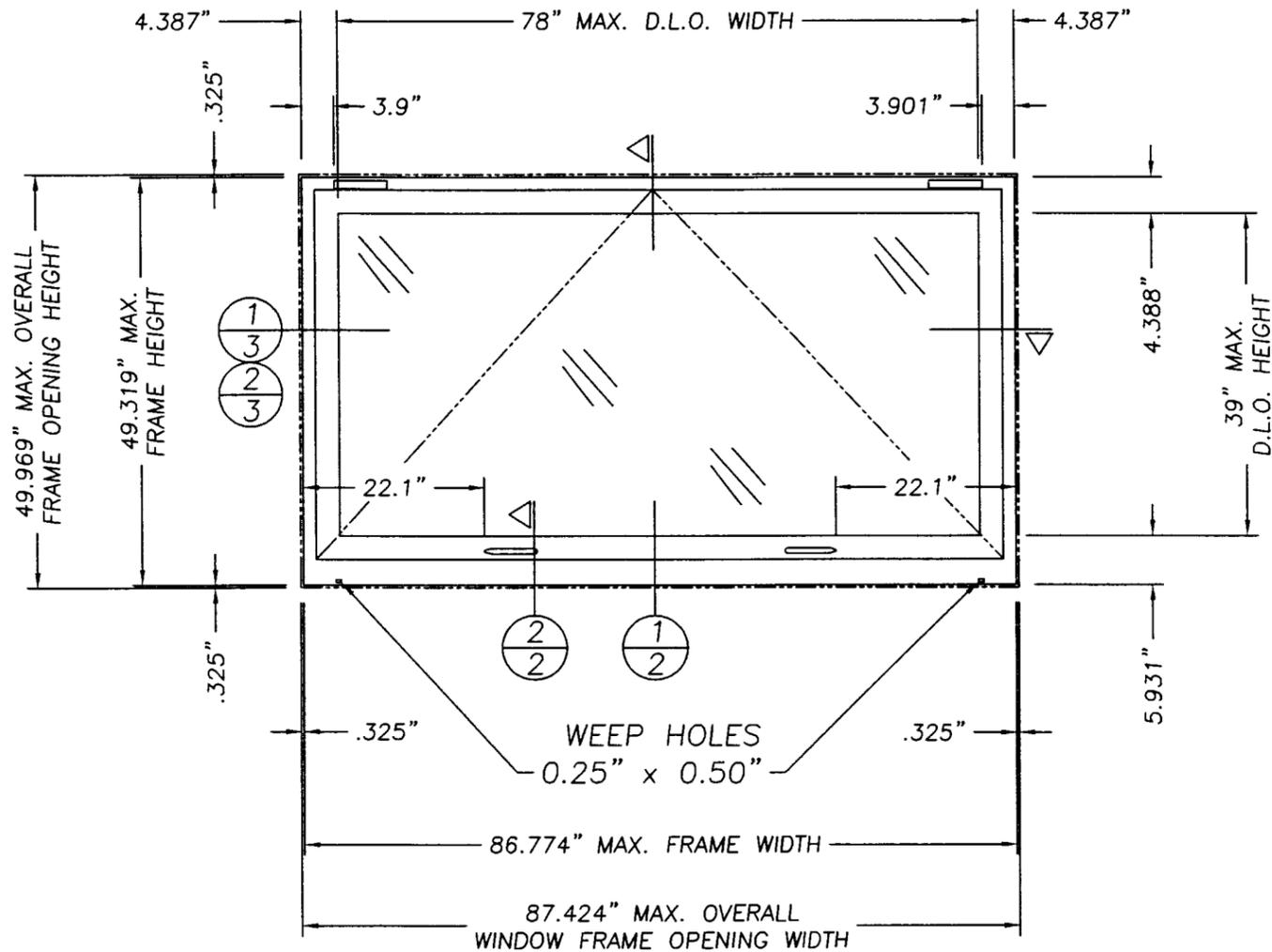
Steel Frame Construction: The frame is constructed from solid steel members. The corners are mitered, butt joined and solidly fusion welded and ground smooth.

The extended sill is made up of an unequal leg frame to receive the sash frame and an equal or long leg frame section is attached to the bottom forming the sill extender. The two frame pieces are joined with a 0.625" x 1.0" x 0.1625" 12ga. steel channel. The channel is welded to the sill extender at a maximum of 15.0" on center and attached to the sash frame with a #10-24 x 3/4" lg. machine screw. The mullion for the double units consists of a "T" shaped hot rolled steel frame. A 0.75" w. x 1.0" deep steel bar is plug welded at a maximum of 12.0" on center to the top of the mullions top flange. The frames have a 0.125" dovetail groove around the perimeter to receive the vinyl weatherstrip bulb.

Steel Sash Construction: The frame is constructed from solid steel members. The corners are mitered, butt joined and solidly fusion welded and ground smooth. The sash sash stiles and rails are "T" shaped. The outer edge of the "T" shaped flange has a 0.125" continuous perimeter dovetail groove to receive the vinyl bulb weatherstrip.

Glazing Method: Each unit is glazed with overall 0.468" thick nominal laminated glass fabricated by Insulgard Corp. See glazing details. The glass is interior glazed with a silicone back-bedding and a silicone head bead of Dow #995. A snap-in or screw-on aluminum glazing bead is attached to the interior of the window and a silicone cap bead of Dow #995 is applied to both the interior and exterior side.

DESIGN PRESSURE RATING		
ALL WINDOW MODELS	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	
PRESSURE	+80.0 psf	-80.0 psf



PROJECT-OUT WINDOW W/LONG LEG FRAME
VIEWED FROM EXTERIOR

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES AND TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTIONS
3	HORIZONTAL CROSS SECTIONS
4	ANCHORING LOCATIONS
5	BILL OF MATERIALS & GLAZING DETAILS
6	UNIT COMPONENTS

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84 HOPKINS AVENUE
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PHONE: (716) 665-5124
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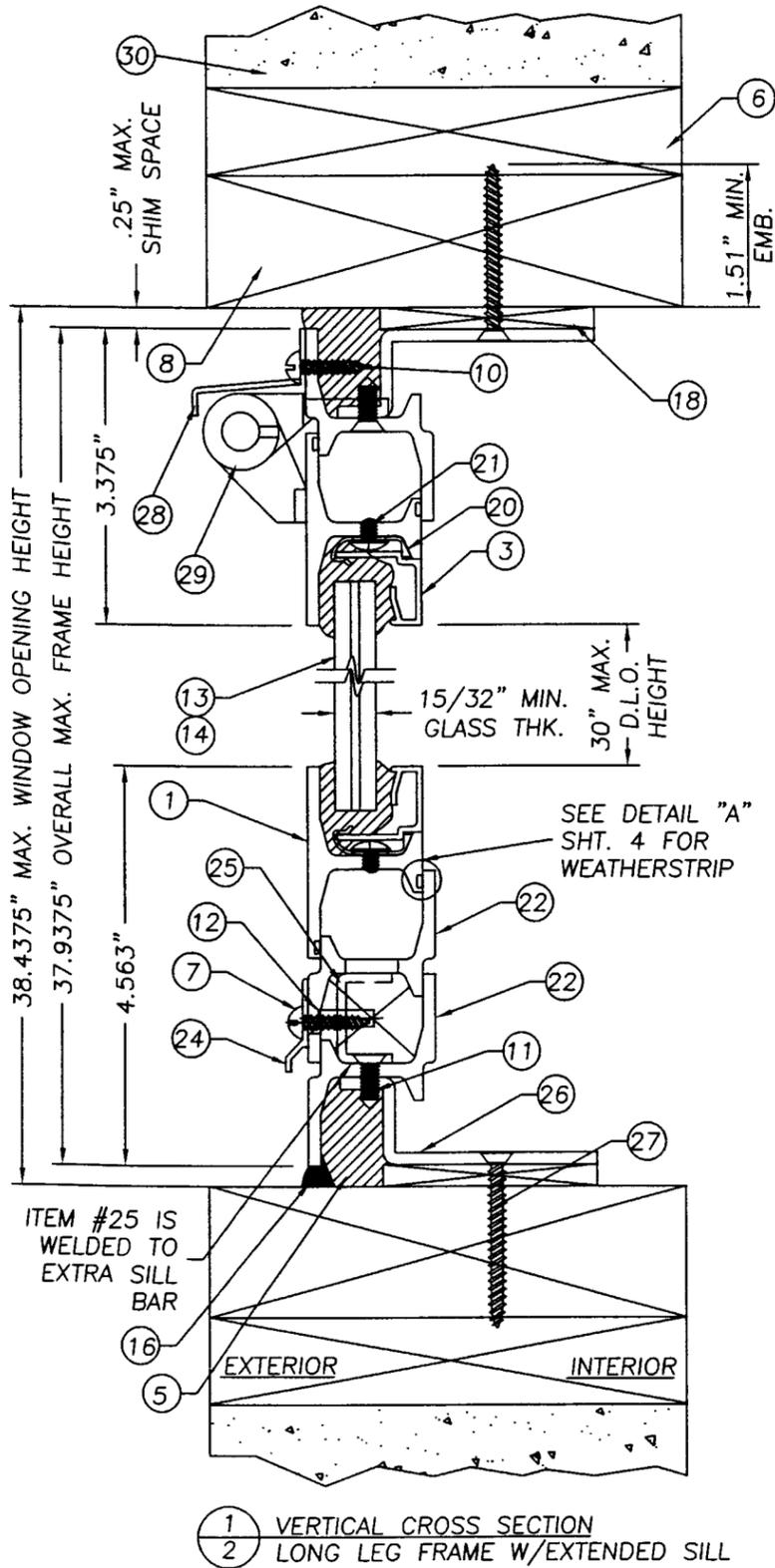
PRODUCT:
HOPE'S JAMESTOWN SERIES
STEEL PROJECT-OUT W/
EQUAL & LONG LEG FRAMES
PART OR ASSEMBLY:
GENERAL NOTES &
TYPICAL ELEVATIONS

NO.	DATE	GENERAL REVISION	TJH	BY
1	09/27/02			

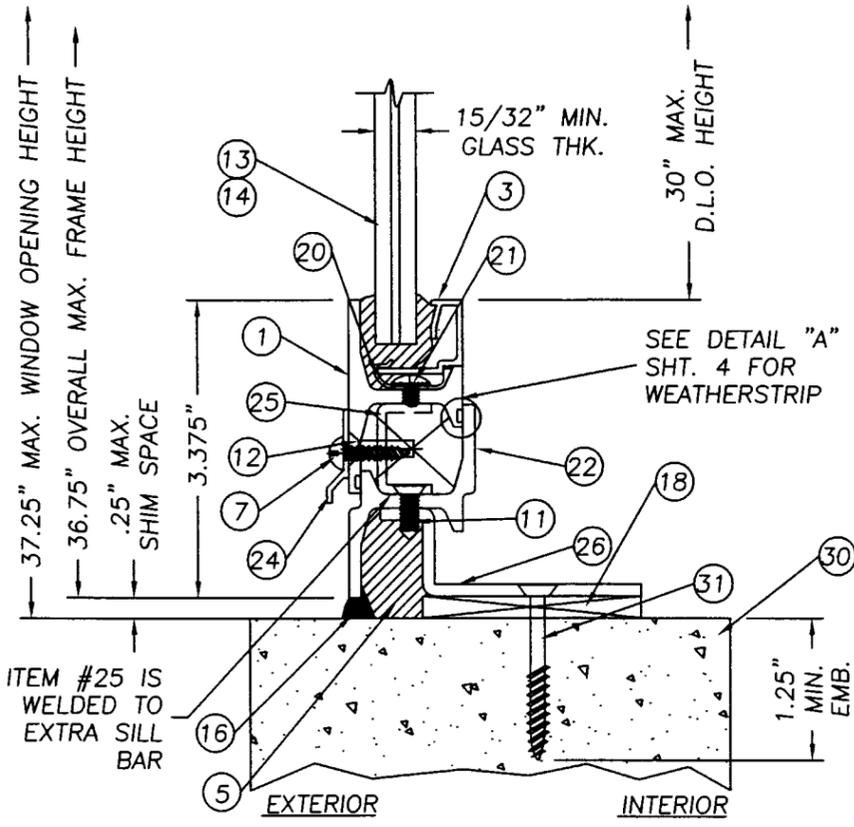
RW BUILDING
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813.659.9197

Approved as complying with the
Florida Building Code
Date OCT 24, 2002
NOA# 01-0618.02
Miami Dade Product Control
Division
By Manuel Perez

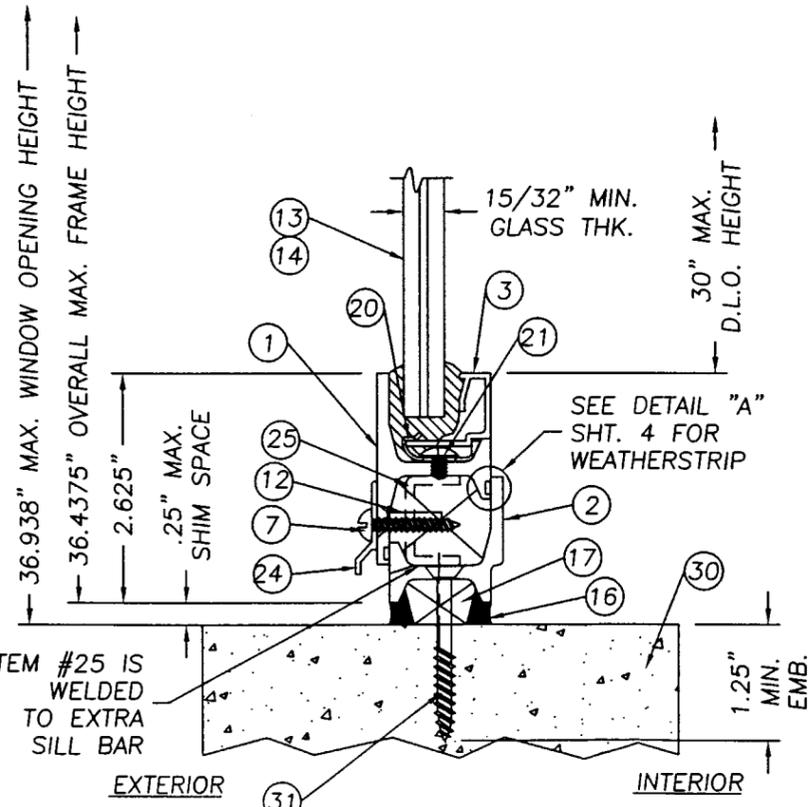
DATE: 05/23/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2125
SHEET 1 OF 6



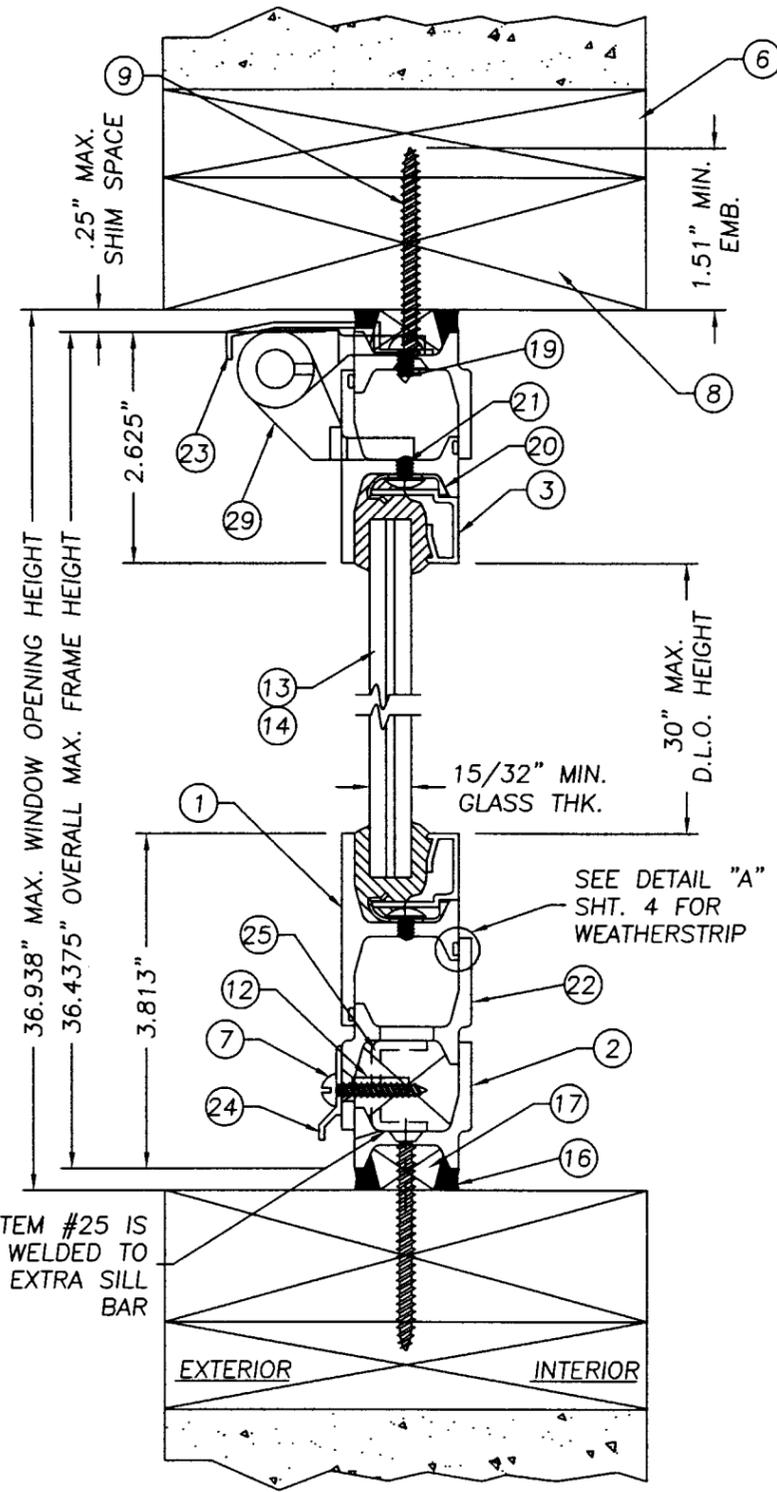
1 VERTICAL CROSS SECTION
2 LONG LEG FRAME W/EXTENDED SILL



2 VERTICAL CROSS SECTION TO MASONRY
2 LONG LEG FRAME W/STANDARD SILL



2 VERTICAL CROSS SECTION TO MASONRY
2 EQUAL LEG FRAME W/STANDARD SILL



1 VERTICAL CROSS SECTION TO WOOD
2 EQUAL LEG FRAME W/EXTENDED SILL

NOTE:
THE EXTENDED SILL OPTION CAN BE WITH EITHER THE EQUAL LEG OR LONG LEG FRAME AND MOUNTED TO EITHER A STUD BUCK OR TO MASONRY.

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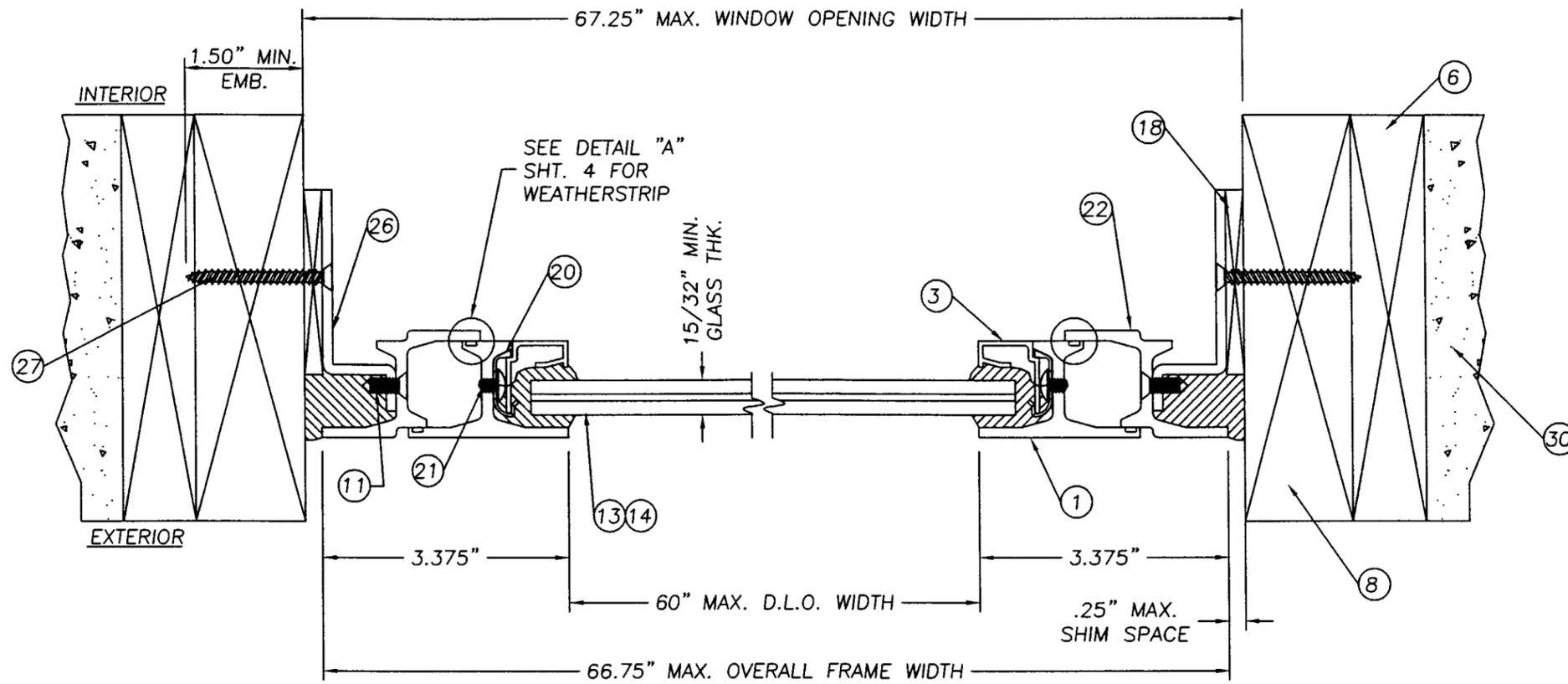
PRODUCT: HOPE'S JAMESTOWN SERIES
STEEL PROJECT-OUT W/
EQUAL & LONG LEG FRAMES
PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO	DATE	GENERAL REVISION	TJH	BY
1	09/27/02		TJH	

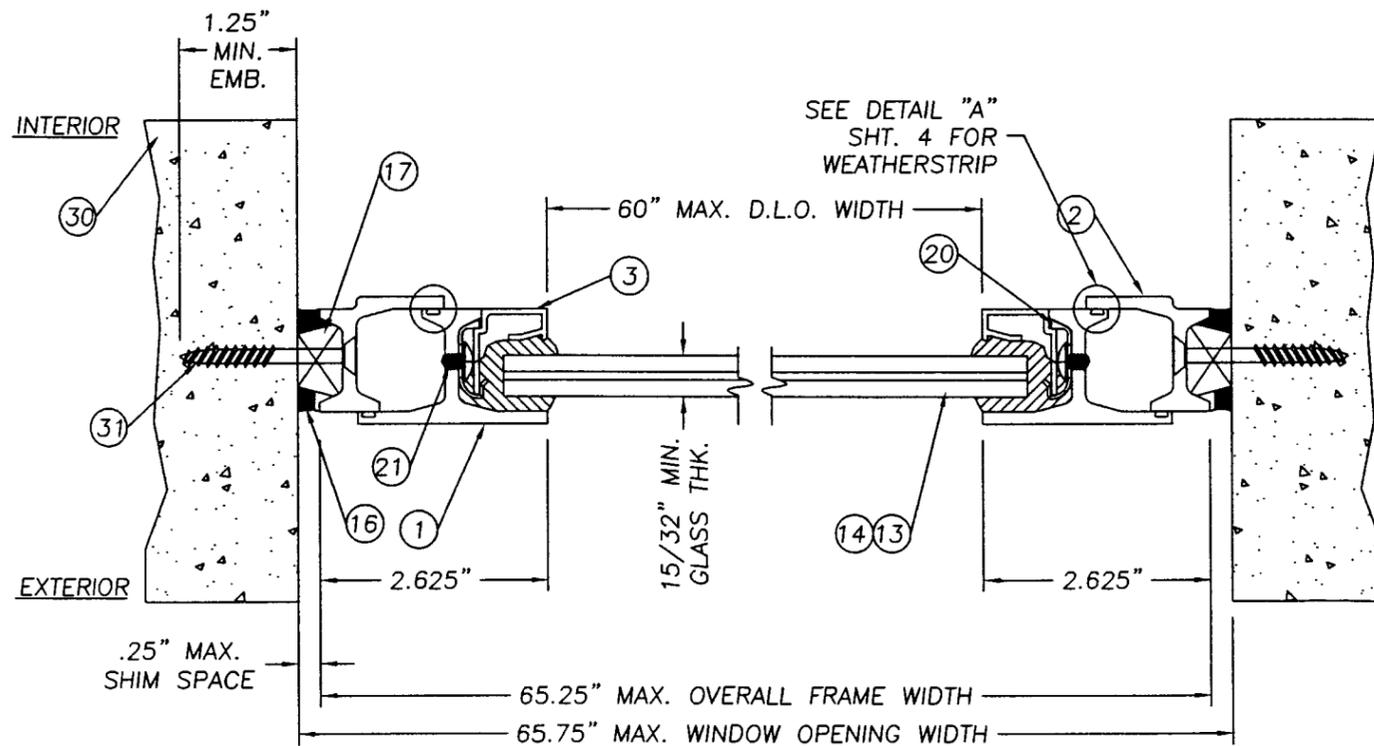
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SCALE: 1/2" = 1"
DWG. BY: TJH
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SHEET 2 OF 6



① HORIZONTAL CROSS SECTION TO WOOD
③ LONG LEG FRAME



② HORIZONTAL CROSS SECTION TO MASONRY
③ EQUAL LEG FRAME

NOTE:
THE LONG LEG AND EQUAL LEG FRAMES CAN BE MOUNTED TO
EITHER A STUD BUCK OR MASONRY.

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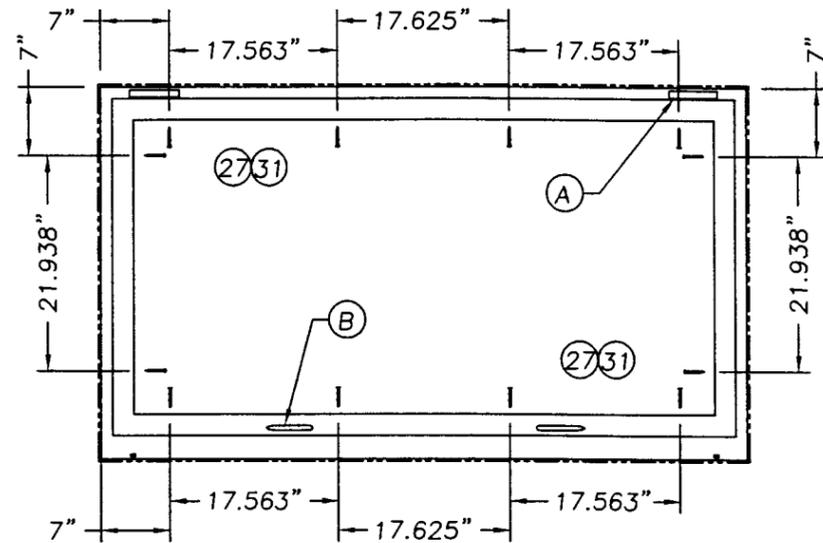
PRODUCT:
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STEEL PROJECT-OUT W/
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PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	GENERAL REVISION	TJH	BY
1	09/27/02			

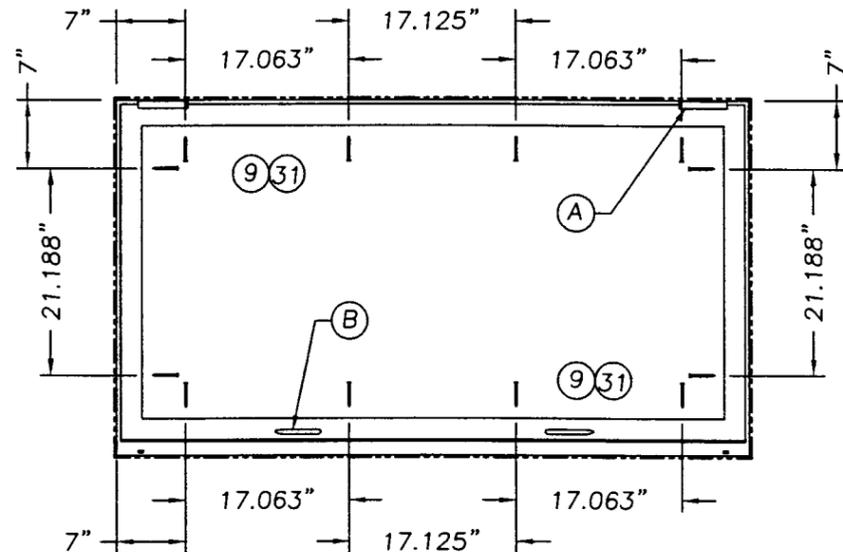
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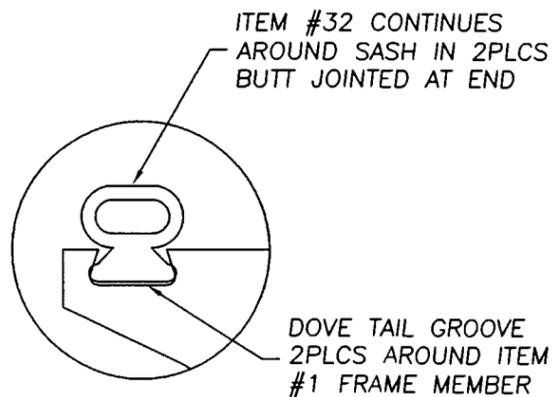
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SHEET 3 OF 6



PROJECT-OUT WINDOW W/LONG LEG FRAME



PROJECT-OUT WINDOW W/EQUAL LEG FRAME



DETAIL "A"
WEATHERSTRIP AND GROOVE DETAIL

CASEMENT WINDOW HARDWARE:

A. #237 HINGES, (2) PER UNIT; CASE ALUMINUM BRONZE BY VENT LEAF. THE HINGES ARE WELDED TO THE FRAME AND SASH. THE LEAFS ARE JOINED WITH A STAINLESS STEEL PIVOT PIN, SEPARATED BY A SOLID BRASS WASHER. THE HINGES ARE LOCATED FROM THE TOP EDGE OF THE SASH PANEL AT 3.0" AND 42.25".

B. #162-20X LEVER HANDLE LATCH AND KEEPER, (2) PER UNIT; ALUMINUM BRONZE BY BRONZE CRAFT. THE LEVER HANDLE LATCH AND KEEPERS ARE LOCATED FROM TOP EDGE OF SASH PANEL AT 17.0" AND 47.0". (INTERIOR SIZE OF WINDOW)

C. FA 33 HEAVY DUTY FRICTION ADJUSTER BY TRUTH, (ANDERBURG FA33SS SERIES) (2) PER UNIT; THE FRICTION ADJUSTER IS LOCATED AT 8.0" FROM THE TOP OF THE SASH PANEL ON EACH VERTICAL. IT IS ATTACHED TO THE SASH WITH (2) #10-32 x 1/2" MACHINE SCREWS AND TO THE FRAME WITH (2) #10-32 x 1/2" MACHINE SCREWS.

4. #3379 ADJUSTABLE VENT ALIGNER MOLDER BY ZYTEL NYLON, (2) PER UNIT. THE VENT ALIGNER IS LOCATED AT 8.0" FROM THE TOP OF THE FRAME WITH (1) #10 3/4" MACHINE SCREW. IT IS ADJUSTABLE FROM. 0.625" TO 0.8125".

NOTES:

1. WHEN ANCHORING THE LONG LEG FRAME TO A WOOD BUCK USE ITEM #27 (#12 x 2" WOOD SCREW) 12PLCS. WHEN ANCHOR THE LONG LEG FRAME TO MASONRY USE ITEM #31 (1/4" TAPCON x 2") 12PLCS.

2. WHEN ANCHORING THE EQUAL LEG FRAME TO A WOOD BUCK USE ITEM #9 (#12 x 2 1/2" WOOD SCREW) 12PLCS. WHEN ANCHOR THE EQUAL LEG FRAME TO MASONRY USE ITEM #31 (1/4" TAPCON x 2") 12PLCS.

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PRODUCT: JAMESTOWN SERIES
HOPE'S PROJECT-OUT W/
STEEL & LONG LEG FRAMES
PART OR ASSEMBLY:
ANCHORING LOCATIONS

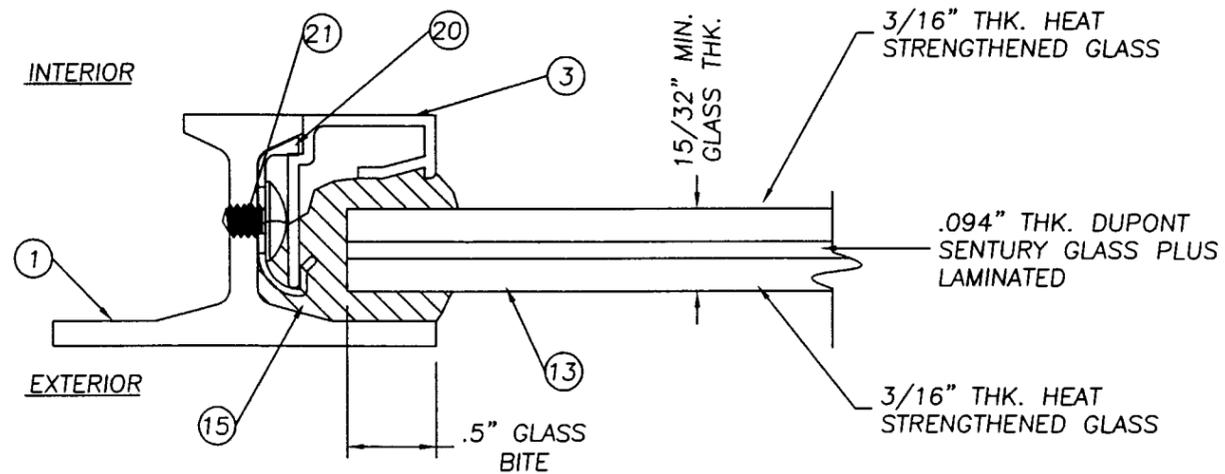
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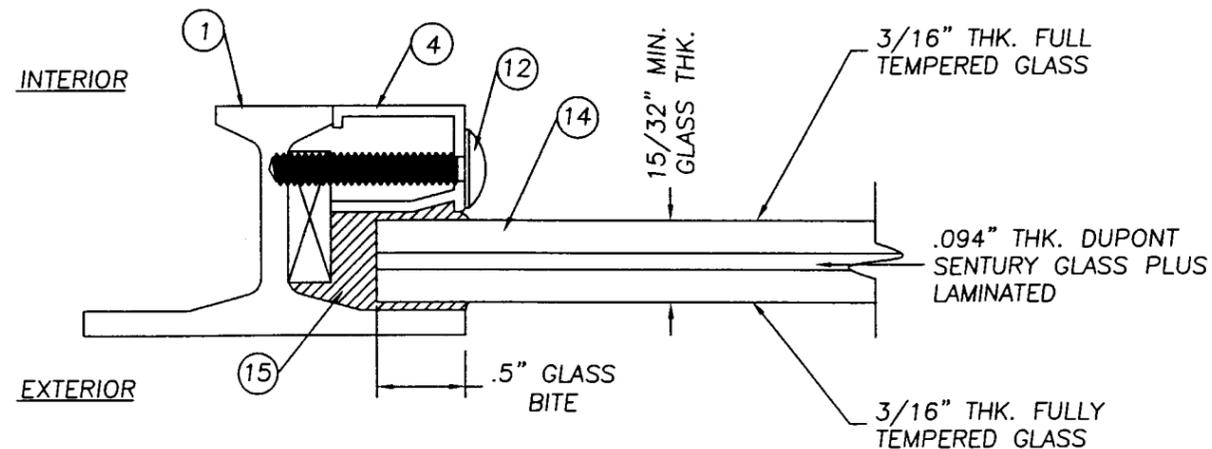
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SHEET 4 OF 6

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ITEM	DESCRIPTION	MATERIAL
1	FRAME MEMBER, 1000M4 (HOT-ROLLED STEEL)	STEEL
2	FRAME MEMBER, 1000A4 (HOT-ROLLED STEEL)	STEEL
3	SNAP-IN GLAZING BEAD #31 (EXTRUDED ALUM. 6063-T5)	ALUM.
4	GLAZING BEAD #294 (EXTRUDED ALUM. 6063-T5)	STEEL
5	POLY FILLER, LONG LEG FRAME	POLY.
6	1X WOOD BUCK (INTER BUCK)	WOOD
7	#10 x 1" PANHEAD MS	STEEL
8	2X WOOD BUCK (OUTER BUCK)	STEEL
9	#12 x 2 1/2" LONG MIN. WOOD SCREW	STEEL
10	#10 x 3/4" PANHEAD MS	STEEL
11	#12-24 x 5/8" LONG MIN. MACHINE SCREW (1 PER CLIP)	STEEL
12	#10-24 x 1 1/8" MACHINE SCREW	STEEL
13	GLAZING .46875" THK. H.S LAM. SENTRY GLAS PLUS BY DUPONT	GLASS
14	GLAZING .46875" THK. TEMP. LAM. SENTRY GLAS PLUS BY DUPONT	GLASS
15	GLAZING COMPOUND DOW #995 SILICONE	SILICONE
16	PERIMETER CAULK VULKEM #116 POLYURETHANE	POLYU.
17	1/2" PROFILE STABILIZED WOOD BLOCK (PRESSURE TREATED)	WOOD
18	SHIM MATERIAL 1/4" MAX. THK.	-
19	#10-24 x 3/8" PBH SSM SCREW	STEEL
20	SNAP-IN GLAZING BEAD RETAINER #37 (EXTRUDED ALUM. 6063-T5)	ALUM.
21	#10-24 x 1/4" PHILL. PANHEAD ZP SELF TAPING SCREW	STEEL
22	FRAME MEMBER, 1000T4 (HOT-ROLLED STEEL)	STEEL
23	#23 ALUM. WEATHERBAR	ALUM.
24	#92 WEEP COVER	STEEL
25	REINFORCEMENT CLIP 5/8" x 1" x 5/8" (12GA. STEEL)	STEEL
26	ANCHOR CLIP (10GA. GALVANIZED STEEL 3" x 2.5")	STEEL
27	#12 x 2" WOOD SCREW	STEEL
28	#28 ALUM. WEATHERBAR, 6063-T6	ALUM.
29	PROJECT-OUT WINDOW HINGE	STEEL
30	MASONRY	CONC.
31	1/4" x 2" L. TAPCON	STEEL
32	#2864 VINYL BULB SASH WEATHERSTRIP	VINYL



GLAZING DETAIL H.S. LAM. GLASS
USING ITEM #3 GLAZING BEAD
N.T.S.



GLAZING DETAIL TEMPERED LAM. GLASS
USING ITEM #4 GLAZING BEAD
N.T.S.

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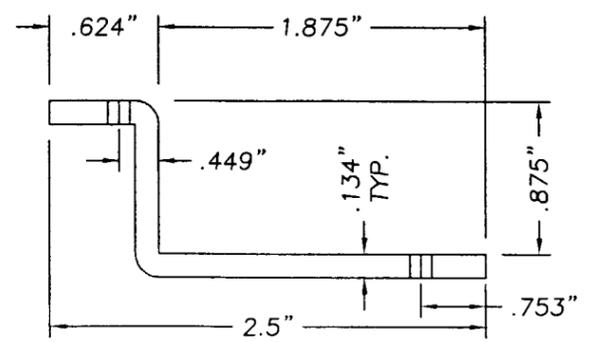
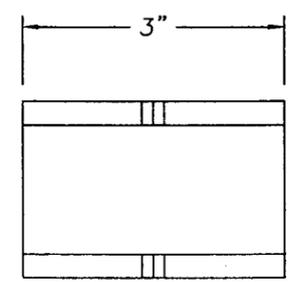
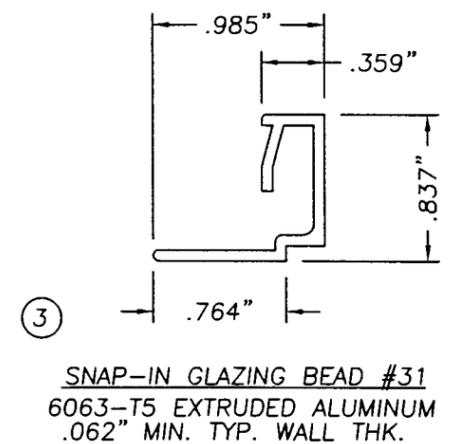
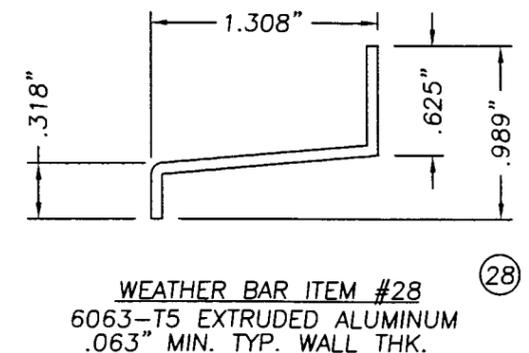
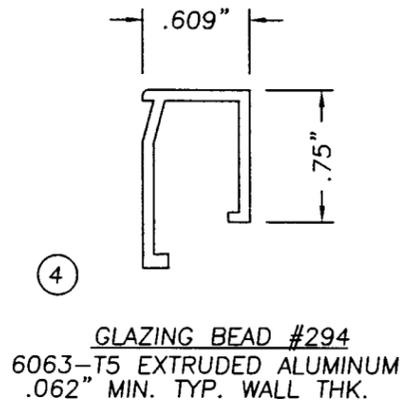
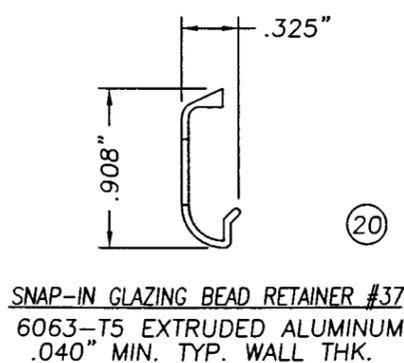
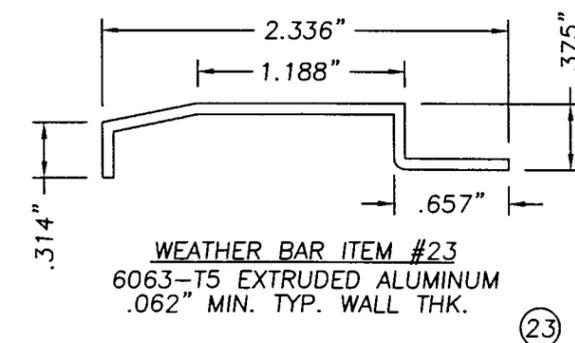
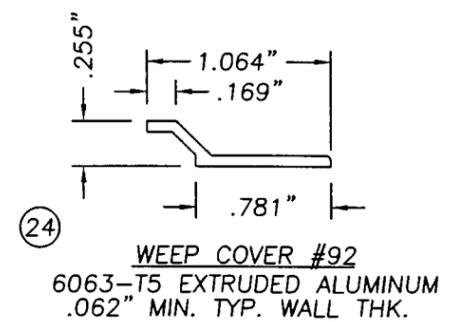
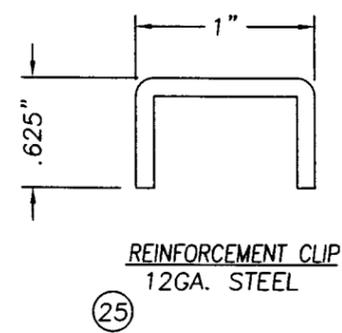
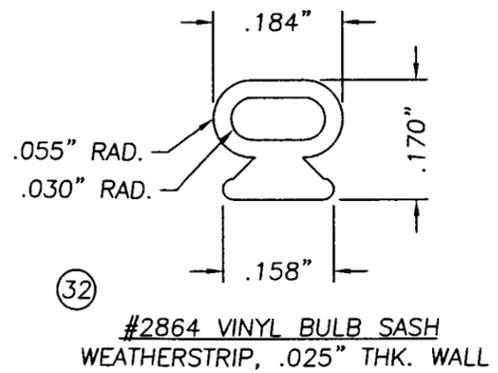
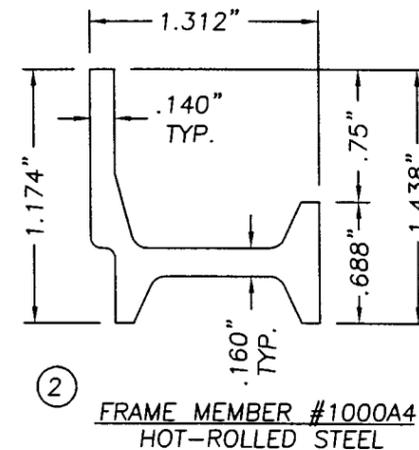
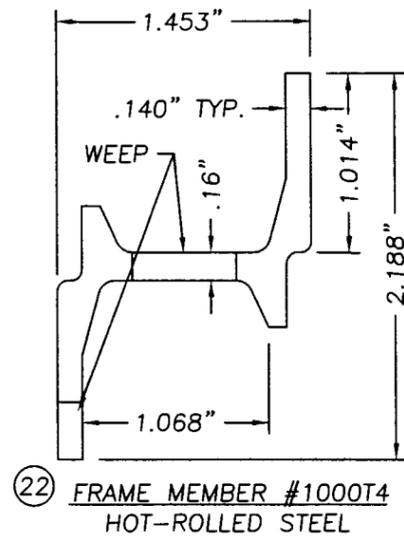
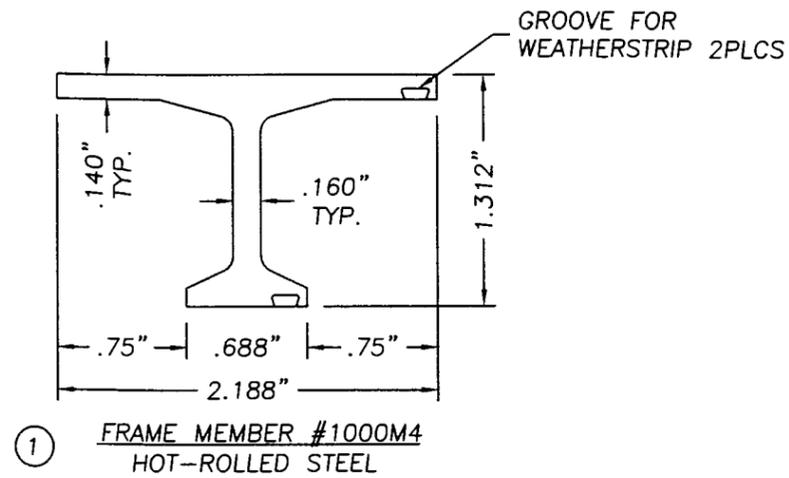
PRODUCT: HOPE'S JAMESTOWN SERIES
STEEL PROJECT-OUT W/
EQUAL & LONG LEG FRAMES
PART OR ASSEMBLY:
BILL OF MATERIALS &
GLAZING DETAILS

NO.	DATE	GENERAL REVISION	TJH	BY
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SHEET 5 OF 6

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UNIT COMPONENTS

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SHEET 6 OF 6