



**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)

**United States Aluminum Corporation
720 Cel-River Road
Rock Hill, SC 29730**

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 IG 500 Aluminum Storefront System

APPROVAL DOCUMENT: Drawing No. **USA-2401**, titled "Series IG500 Storm Front System" Sheets 1 through 6 of 6, prepared by United State Aluminum, dated 06/26/02, 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 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 **Jaime Eisen, P.E.**



**NOA No 02-1011.04
Expiration Date: March 13, 2008
Approval Date: March 13, 2003
Page 1**

United States Aluminum Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **USA-2401**, titled "Series IG500 Storm Front System" Sheets 1 through 6 of 6, prepared by United State Aluminum, dated 06/26/02.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Large Missile Impact Test, TAS PA 201-94
2) Cyclic Loading Test, per FBC TAS 203-94
along with installation diagram of aluminum storefront system marked-up by Architectural Testing, Inc., Test Reports No. **ATI-03-31371.01**, dated 09-12/02, signed and sealed by Steven M. Urich, P.E.

C. CALCULATIONS

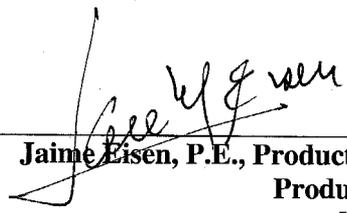
1. Anchor Calculations and structural analysis, prepared by Larson Engineering of Missouri, dated 01/15/03, signed and sealed by Cynthia J. Ebert, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **00-0329.03** issued to Security Impact Glass Holding L.L.C., for "Saf Glass", expiring on 12/16/07.

E. STATEMENTS

1. Letter of conformance issued by International Aluminum Corporation, letter dated July 15, 2002, signed and sealed by John Frey.
2. Letter of "No financial interest to test Lab" issued by International Aluminum Corporation, dated July 15, 2002, signed & sealed by John Frey.



Jaime Eisen, P.E., Product Control Examiner
Product Control Division

NOA No 02-1011.04

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TEST REQUIREMENTS

ALLOWABLE AIR INFILTRATION:

(ASTM E283-91)
 1.0 CFM/ft² • 6.24 psf
 (STOREFRONT-Dade County)
 0.06 CFM/ft² • 6.24 psf
 (STOREFRONT-Outside Dade Cty)

ALLOWABLE WATER INFILTRATION:

(ASTM E331-93) STATIC PRESSURE
 NO UNCONTROLLED WATER • 10 psf

STRUCTURAL PERFORMANCE:

(ASTM E330-96)
 DESIGN = +/- 65 psf
 STRUCTURAL = +/- 97.5 psf
 ALLOWABLE DEFLECTION = L/175

FORCED ENTRY:

IMPACT TEST:

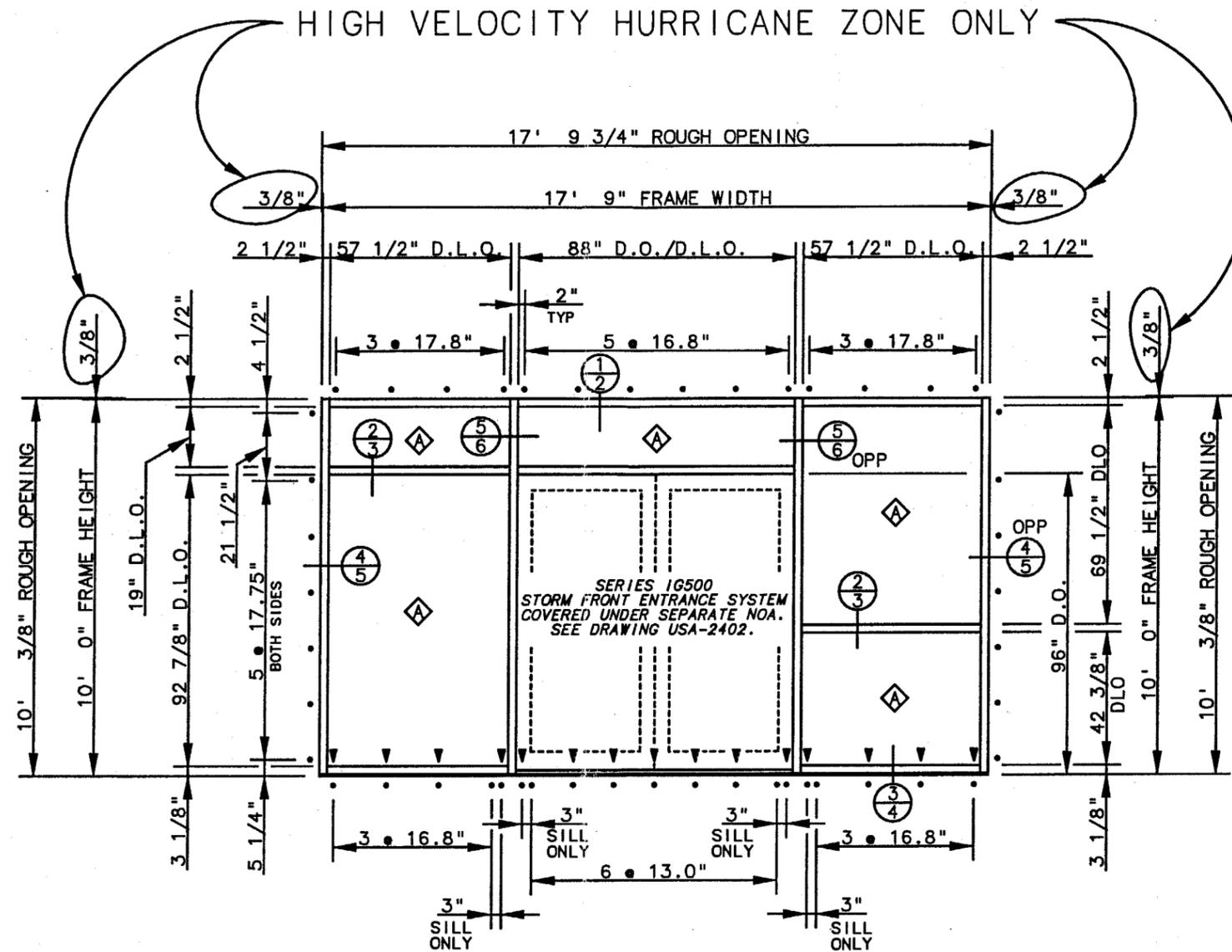
(FBC PA-201-94)
 LARGE MISSILE
 SMALL MISSILE
 (not required if pass large missile test)

CYCLICAL LOADING TEST:

(FBC PA-203-94)
 4,500 CYCLES (+)
 4,500 CYCLES (-)

BILL OF MATERIALS

IG504	VERTICAL FILLER
IG515	VERTICAL JAMB
IG505	SUBSILL
IG570	SILL
IG572	GLASS STOP
IG563	HORIZONTAL HEAD
IG562	SUBSILL END DAM
IG552	STEEL REINFORCING
EC801	1/2" Ø GR 5 POWER-BOLT (HEAD • CONC)
SS802	3/8" Ø GR 5 POWER-BOLT (SILL/JAMB • CONC)
---	3/8" DIA. X 4" GR 5 LAG AT JAMB
---	1/2" Ø GRADE 5 HH (HEAD • STEEL)
---	1/2" X 6" GRADE 5 HH LAG (HEAD/JAMB • WOOD)
---	3/8-16 Ø GRADE 5 HH (SILL/JAMB • STEEL)
---	3/8" X 4" GRADE 5 HH LAG (SILL • WOOD)
ST266	#12x1" HWH DRILL FLEX
ST268	#12 X 3/4" HWH SMS
CP801	VERTICAL CLOSURE PLATES
WD801	SHALLOW WATER DEFLECTOR
WD802	DEEP WATER DEFLECTOR
WD803	JAMB WATER DEFLECTOR
NP225	EXTERIOR GASKET
SP250	INTERIOR SPACER GASKET
SB916	SETTING BLOCK



TYPICAL ELEVATION

SCALE: 1/4" = 1'-0"

SYMBOL KEY	
SYMBOL	DESCRIPTION
◊	1/4 HS + .070 POLYCARBONATE + 1/4 HS SAF-GLASS
▼	SILL & THRESHOLD FASTENERS
•	PERIMETER ANCHORS INTO SUBSTRATE

ELEVATION CONFIGURATION SHOWN IS NOT INDICATIVE OF ALL FIELD APPLICATIONS.
 THIS ELEVATION REPRESENTS THE MAXIMUM VERTICAL MULLION SPACING
 AND FRAME HEIGHT FOR NOA THAT IS BEING REQUESTED.

SUBSIDIARY OF INTERNATIONAL ALUMINUM CORPORATION

SYM	REVISION	DATE	BY

THIS SPACE RESERVED FOR STRUCTURAL ENGINEER

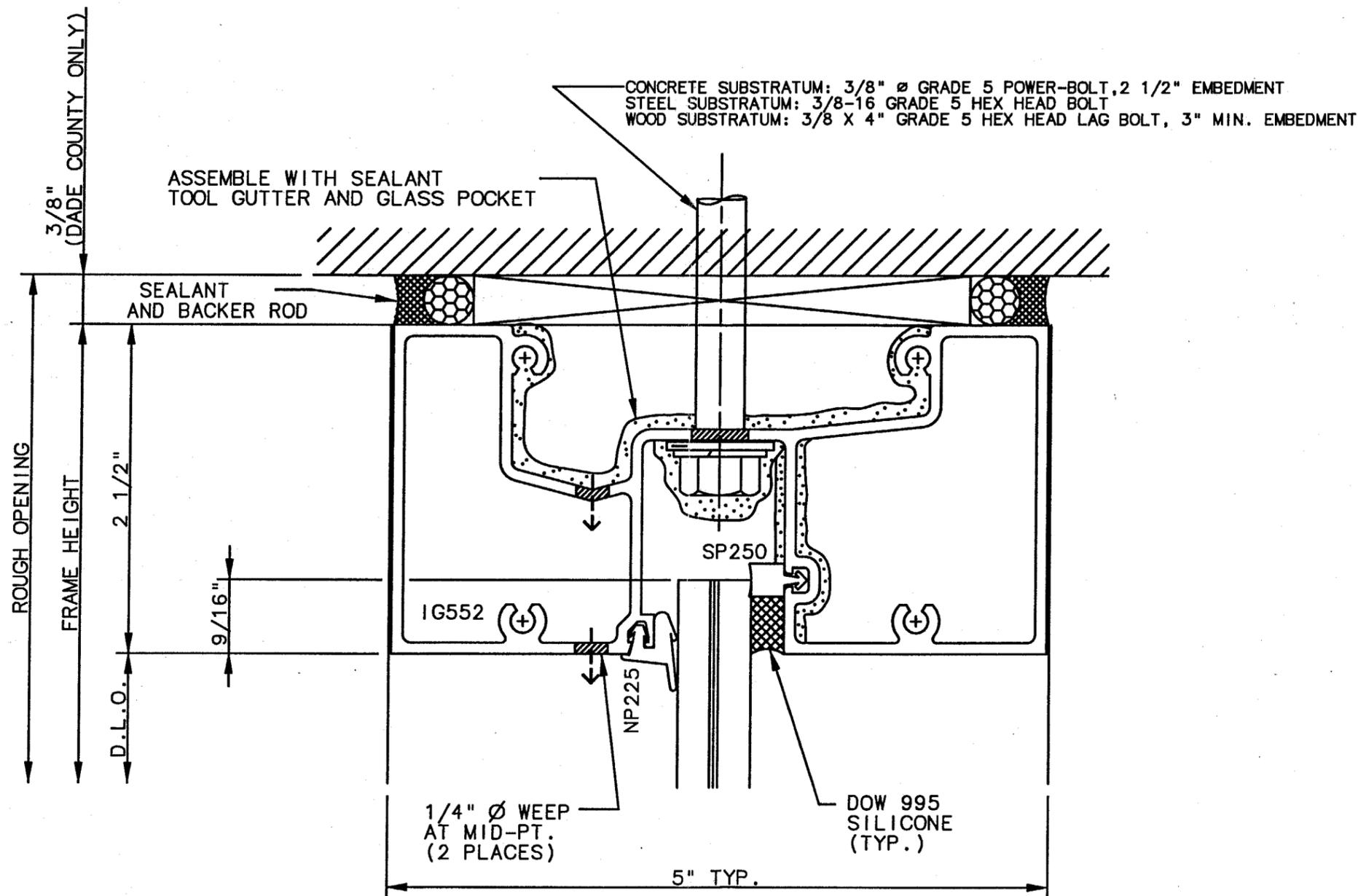
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Approved as complying with the
 Florida Building Code
 Date 03/13/03
 NOA# 02-1011-04
 Miami Dade Product Control
 Division
 By *[Signature]*

United States Aluminum
 720 Cal-River Road
 Rock Hill, SC 29730
 200 Singleton Drive
 Waxahachie, TX 75165

DRWN BY G. HALL	SYSTEM SERIES IG500
DATE 06/26/02	STORM FRONT STOREFRONT SYSTEM
APPRD BY	DESCRIPTION SUBMITTAL DRAWINGS
SCALE AS SHOWN	DRAWING NO. USA-2401
	SHEET 1 OF 6

SYM	REVISION	DATE	BY



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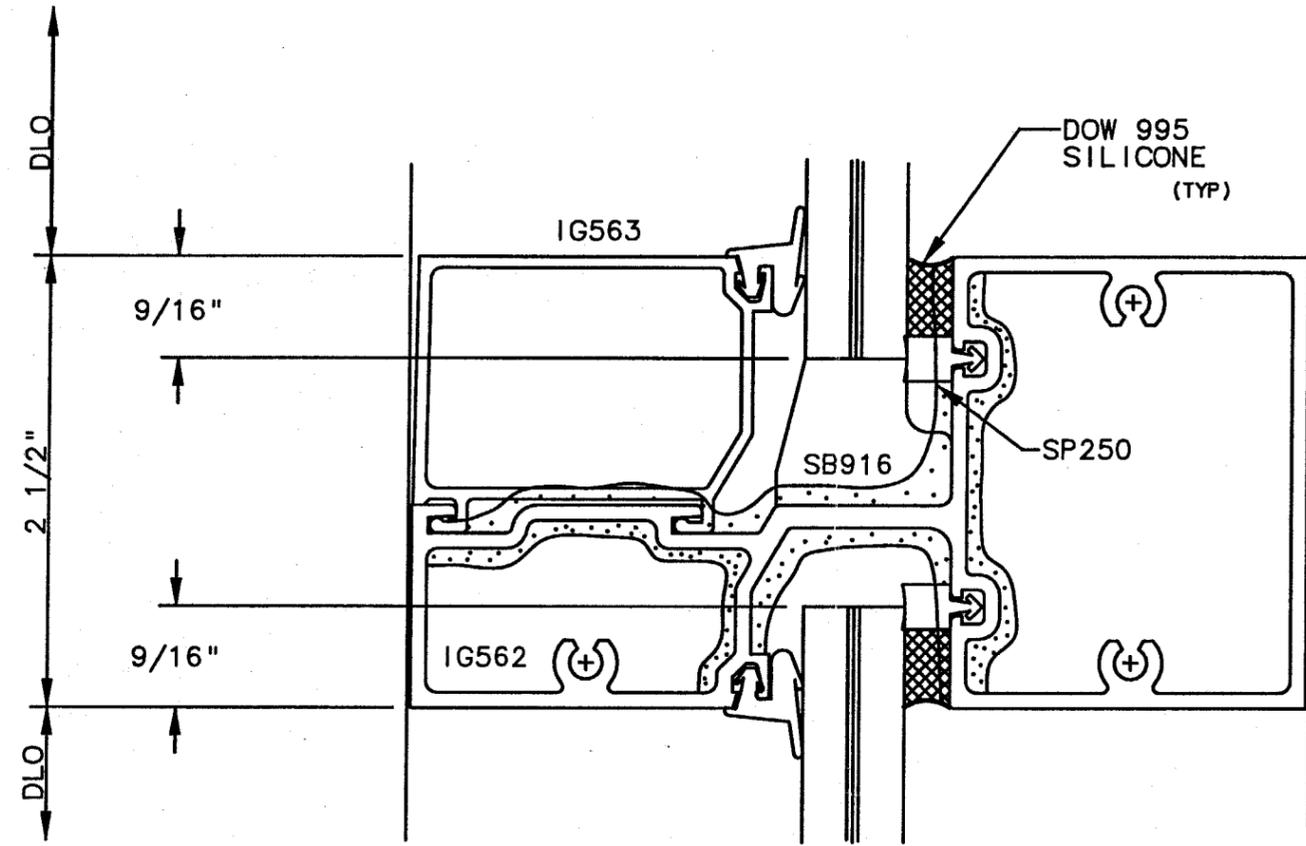
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SCALE AS SHOWN	DRAWING NO. USA-2401
	SHEET 2 OF 6

1

SYM	REVISION	DATE	BY



2

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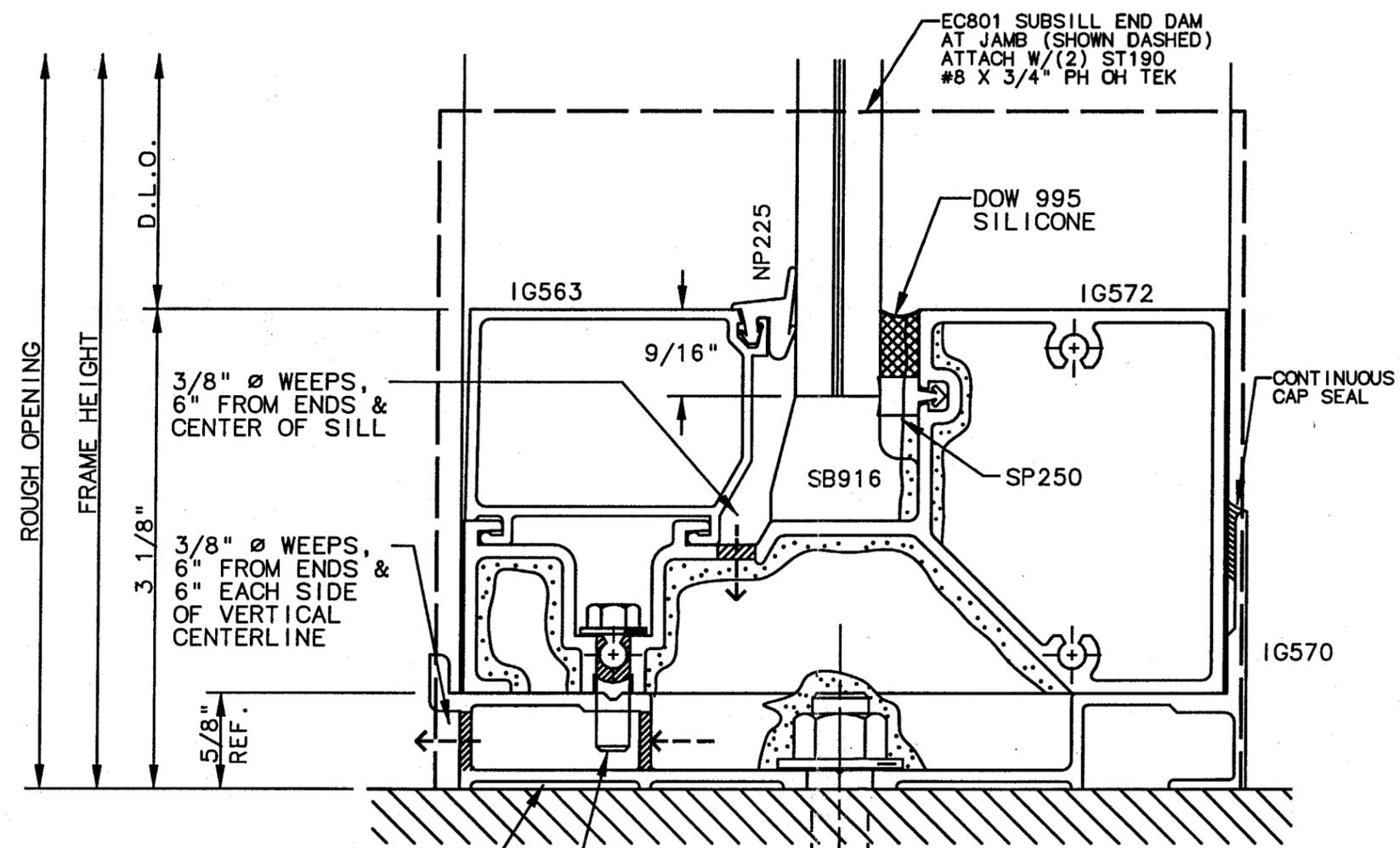
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SCALE AS SHOWN	DRAWING NO. USA-2401
	SHEET 3 OF 6

SYM	REVISION	DATE	BY



SET IG570 SUBSILL IN FULL BED OF SEALANT

ST268 #12 X 3/4" HWH SMS TYPE B, 2" FROM EACH END OF SILL & EQUALLY SPACED • 16" O.C. MAX

CONCRETE SUBSTRATUM: 3/8" Ø GRADE 5 POWER-BOLT, 2 1/2" EMBEDMENT
 STEEL SUBSTRATUM: 3/8-16 GRADE 5 HEX HEAD BOLT
 WOOD SUBSTRATUM: 3/8 X 4" GRADE 5 HEX HEAD LAG BOLT, 3" MIN. EMBEDMENT

3

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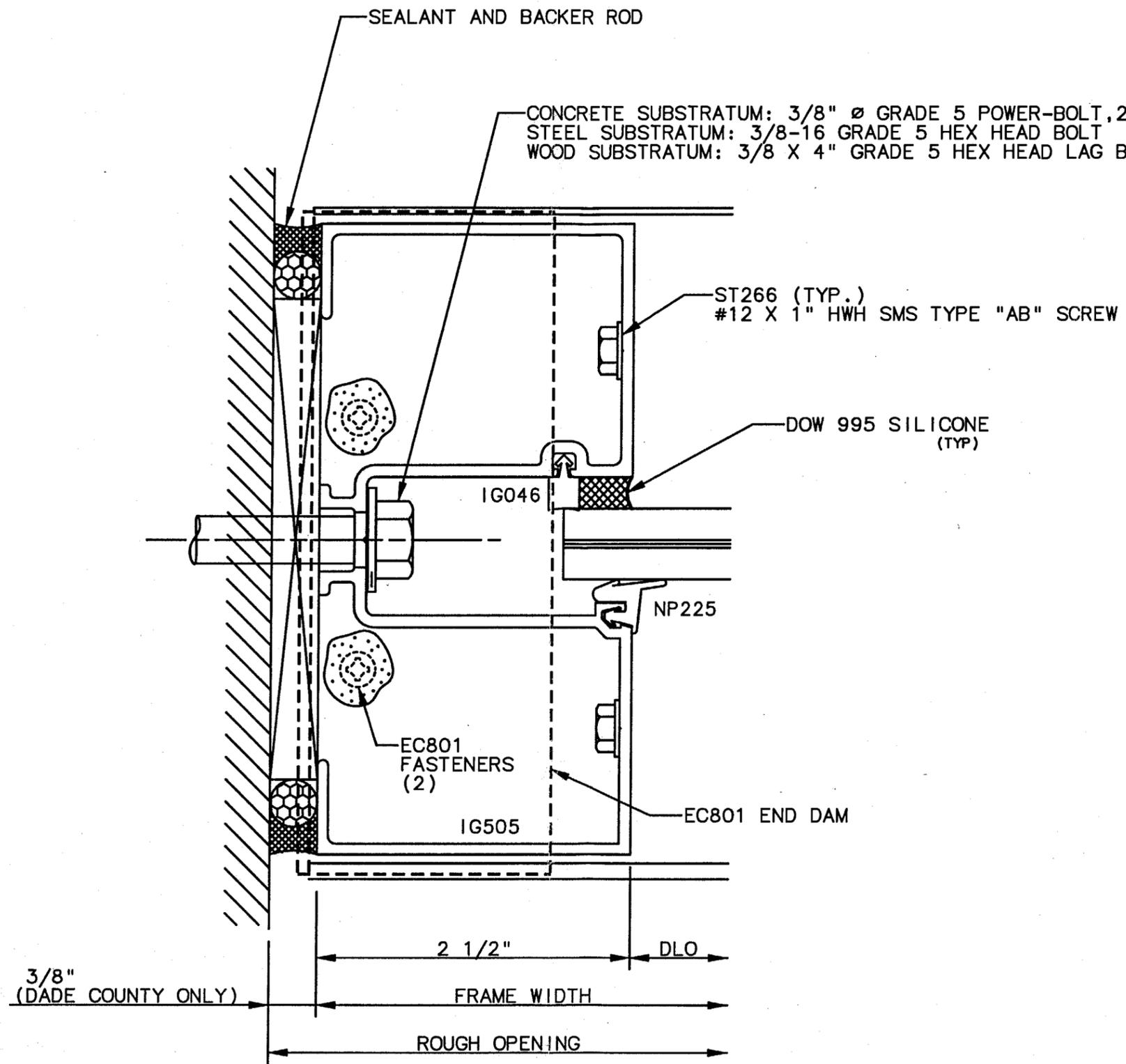
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DRAWN BY G. HALL	SYSTEM SERIES IG500
DATE 06/26/02	DESCRIPTION STOREFRONT SYSTEM
APPROVED BY	DESCRIPTION SUBMITTAL DRAWINGS
SCALE AS SHOWN	DRAWING NO. USA-2401
	SHEET 4 OF 6

SYM	REVISION	DATE	BY



4

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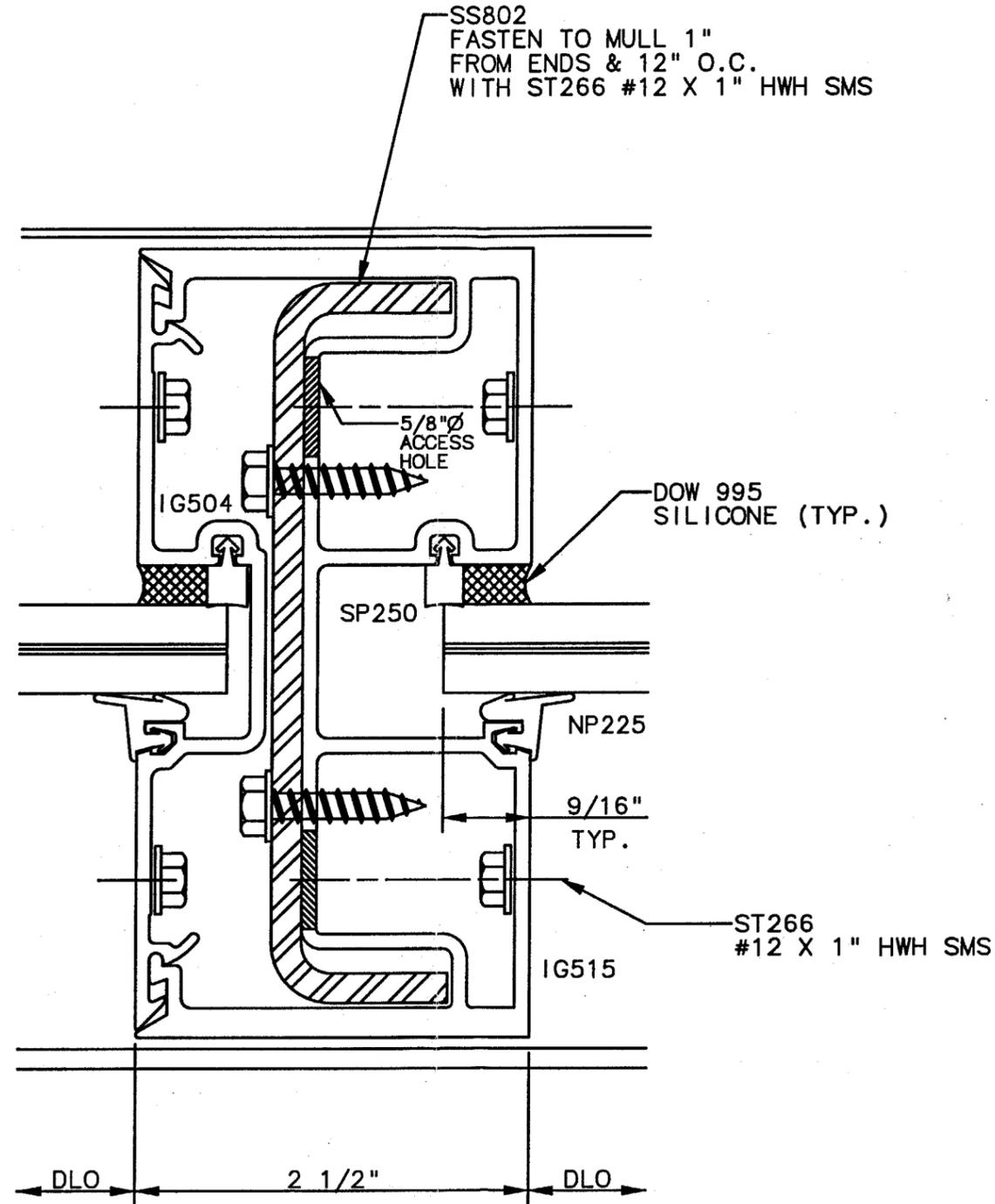
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