

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Empire Windows Industry, Inc. 6508 NW 77th Ct. Miami, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 900 Aluminum and Glass Sectional Garage Door up to 18'-2" Wide

APPROVAL DOCUMENT: Drawing No. **24-84D**, titled "S-900 Alum/Glass Sectional Garage Door (L.M.I.)", sheets 1 through 7 of 7, dated 11/21/2024, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 01/16/2025, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

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 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY
APPROVED

NOA-No 25-0117.02 02/10/25 Expiration Date: February 20, 2030

Approval Date: February 20, 2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

Drawing No. **24-84D**, titled "S-900 Alum/Glass Sectional Garage Door (L.M.I.)", sheets 1 through 7 of 7, dated 11/21/2024, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 01/16/2025.

B. TESTS

- 1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per FBC, TAS 202-94

along with marked-up drawings and installation diagram of 18'2"x 8', Series Aluminum/Glass Sectional Garage Doors, prepared by QAI Laboratories, Test Report No. **TR-IFET-24-0059**, dated 11/13/2024, signed and sealed by Arshad Viqar, P.E.

C. CALCULATIONS

1. Jamb anchor calculations prepared by Al-Farooq Corporation, dated 01/14/2025, signed and sealed by Jalal Farooq, P.E.

D. **QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 24-0205.08, issued to Kuraray America, Inc. for their Trosifol Ultraclear, Clear and Color PVB Glass Interlayers, approved on 03/21/2024, expiring on 07/08/2029.

F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) of the FBC and of no financial Interest, issued by Al-Farooq Corporation, dated 01/14/2025, signed and sealed by Jalal Farooq, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA-No 25-0117.02

Expiration Date: February 20, 2030 Approval Date: February 20, 2025 NOTE:
GLASS CAPACITIES ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES 900 ALUMINUM/GLASS SECTIONAL GARAGE DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

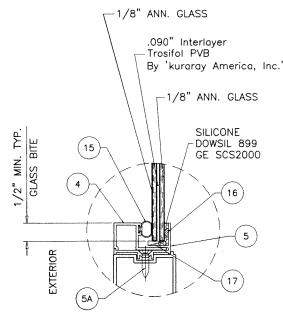
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

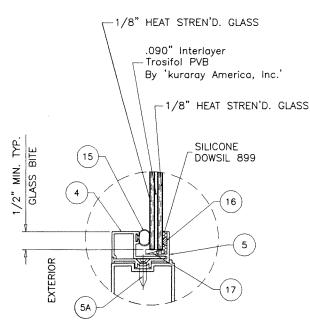
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.



GLASS TYPE 'A'
5/16" OVERALL LAM. GLASS
LIMIT MAX. D.L. OPG. AREA TO 8.5 SQ. FT.



GLASS TYPE 'B' 5/16" OVERALL LAM. GLASS

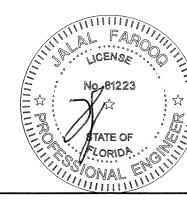
GLAZING OPTIONS

PRODUCT APPROVED as complying with the Florida Building Code
NOA-No. 25-0117.02

Approval Date 02/20/2025

By Miami-Dade Product Control

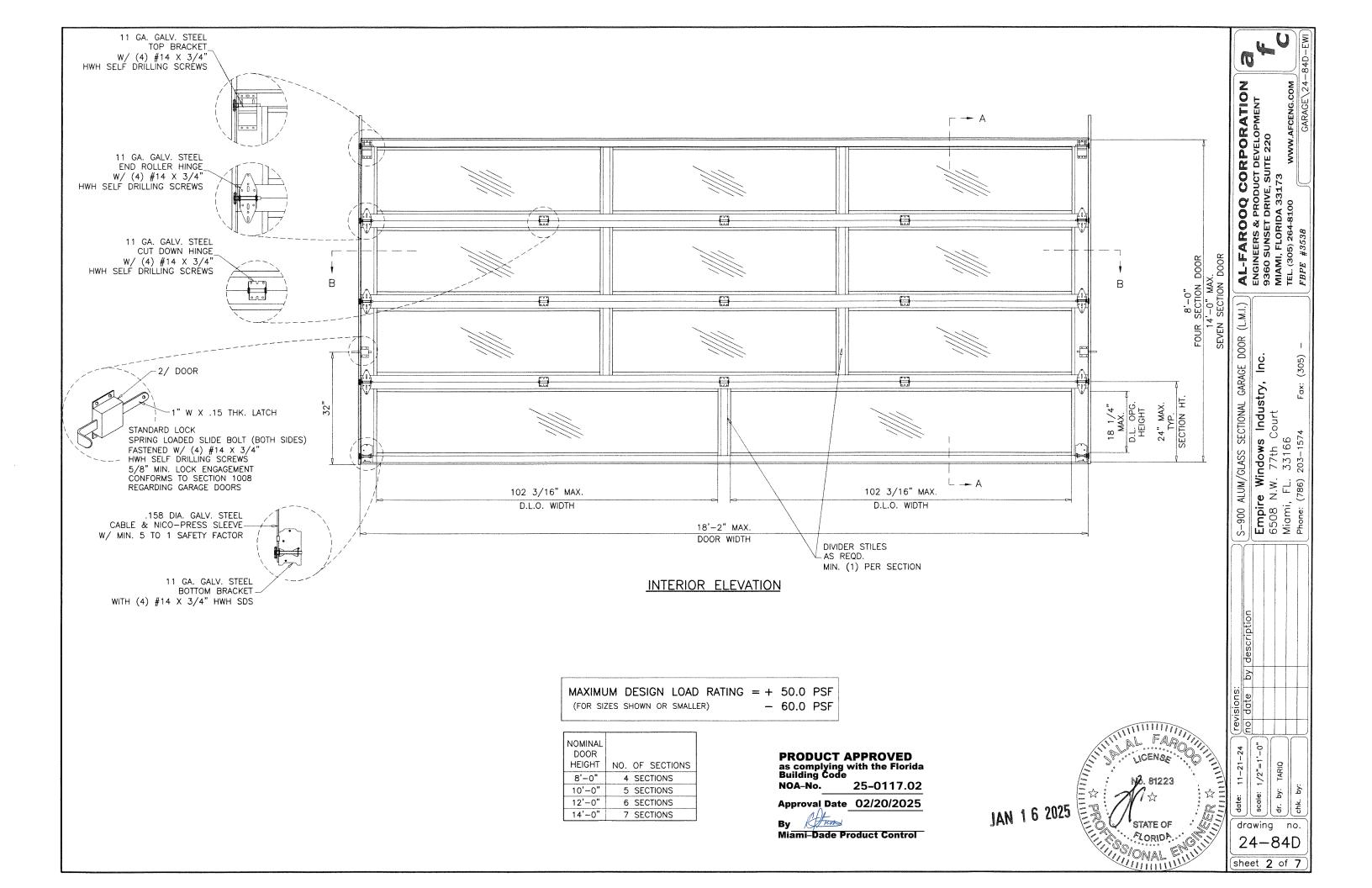
JAN 16 2025

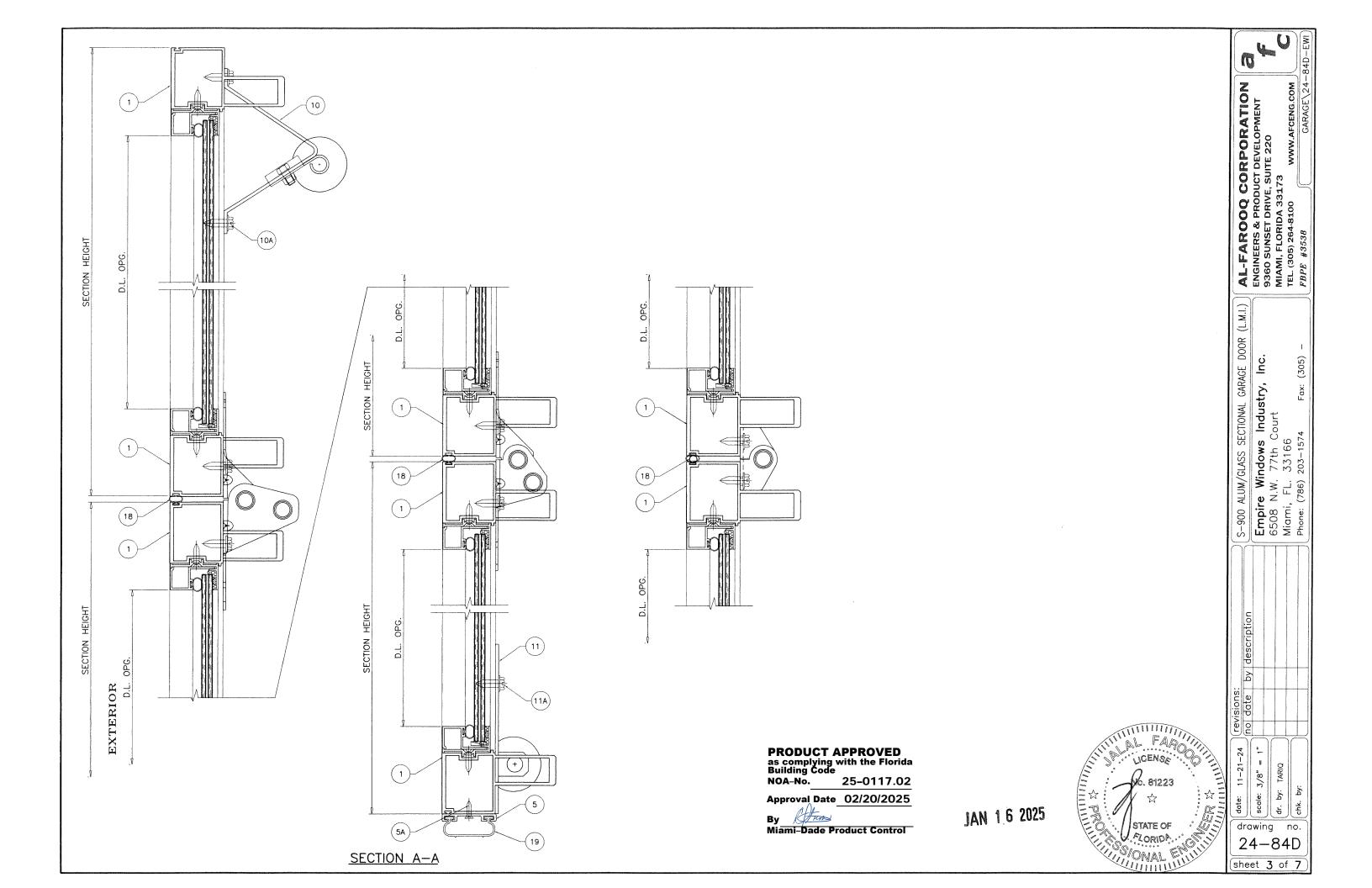


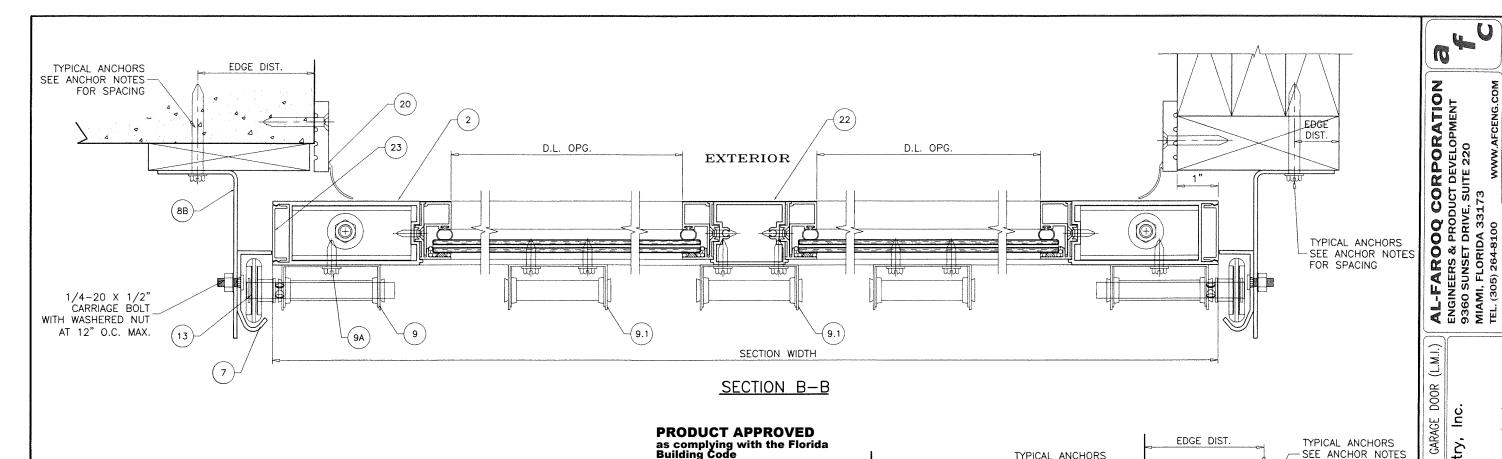
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100

WWW.AFCENG.COM (L.M.I.) DOOR S-900 ALUM/GLASS SECTIONAL GARAGE Empire Windows Industry, II 6508 N.W. 77th Court Midmi, FL. 33166 Phone: (786) 203-1574 Fax: (3 by description <u>ۇ</u> å. drawing no. 24-84D

sheet 1 of 7







TYPICAL ANCHORS:

5/16" DIA. ULTRACON BY 'DEWALT'

(Fu=177 KSI, Fy=155 KSI)

THRU 1BY OR 2BY BUCKS INTO CONCRETE 2" MIN. EMBED INTO CONCRETE AT 4" FROM BOTTOM AND 7-3/16" O.C. MAX.

DIRECTLY INTO CONCRETE 2" MIN. EMBED INTO CONCRETE AT 4" FROM BOTTOM AND 7-3/16" O.C. MAX.

5/16" DIA. DRIL-FLEX SCREWS BY 'DEWALT' (Fu=100 KSI, Fy=65 KSI)

INTO METAL STRUCTURES AT 4" FROM BOTTOM AND 7" O.C. MAX. STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

5/16" DIA. LAG SCREWS

INTO WOOD STRUCTURES 2-1/4" MIN. PENETRATION INTO WOOD AT 4" FROM BOTTOM AND 7" O.C. MAX.

TYPICAL EDGE DISTANCE

INTO CONCRETE = 3-1/8" MIN. INTO WOOD STRUCTURE = 1-1/4" MIN. INTO METAL STRUCTURE = 3/4" MIN.

WOOD SG = 0.55 MIN. CONCRETE f'c = 3000 PSI MIN. C-90 GROUT FILLED BLOCK f'm = 2000 PSI MIN.

as complying with the Florida Building Code 25-0117.02 NOA-No.

Approval Date 02/20/2025

PRODUCT APPROVED

Huns

Miami-Dade Product Control

3/8" DIA. SCREW-BOLT+ BY 'DEWALT' (Fu=120 KSI, Fy=92 KSI)

THRU 1BY OR 2BY BUCKS INTO CONCRETE 2-1/2" MIN. EMBED INTO CONCRETE AT 4" FROM BOTTOM AND 13-3/8" O.C. MAX.

DIRECTLY INTO CONCRETE 3-1/4" MIN. EMBED INTO CONCRETE AT 4" FROM BOTTOM AND 16" O.C. MAX. DIRECTLY INTO GROUT FILLED BLOCKS 3-1/4" MIN. EMBED INTO FILLED BLOCKS AT 4" FROM BOTTOM AND 8-3/4" O.C. MAX.

3/8" DIA. MACHINE SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES AT 4" FROM BOTTOM AND 13-1/4" O.C. MAX. STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

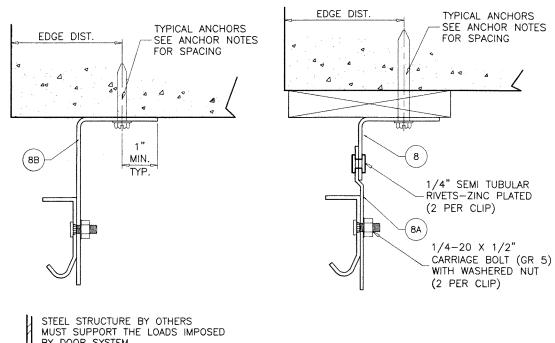
3/8" DIA. LAG SCREWS

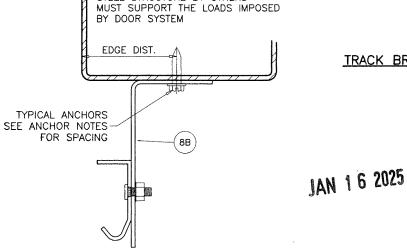
INTO WOOD STRUCTURES 3-1/4" MIN. PENETRATION INTO WOOD AT 4" FROM BOTTOM AND 12" O.C. MAX.

TYPICAL EDGE DISTANCE

INTO CONCRETE AND FILLED BLOCKS = 3-1/8" MIN. INTO WOOD STRUCTURE = 1-1/2" MIN. INTO METAL STRUCTURE = 1" MIN.

WOOD SG = 0.55 MIN. CONCRETE f'c = 3000 PSI MIN. C-90 GROUT FILLED BLOCK f'm = 2000 PSI MIN.





TRACK BRACKET AT JAMBS

STATE OF FLORIDA. isions: date no 3/8" هُ الْجُ date: <u>4</u>.

Industry,

Court

Windows .W. 77th C FL. 33166 86) 203-1574

Empire Wi 6508 N.W. Miami, FL. Phone: (786)

SECTIONAL

ALUM/GLASS

S-900

drawing 24-84D

sheet 4 of 7

