



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

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Norandex Building Products
4504 30th Street West
Bradenton ,FL 34207

Your application for Notice of Acceptance (NOA) of:

Series 500 Aluminum Sliding Glass Door

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-0920.06
EXPIRES: 03/01/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 03/01/2001

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an aluminum sliding glass door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series "500 SGD" Aluminum Sliding Glass Door (XXXX)—and its components shall be constructed in strict compliance with the following documents: Drawing No Dade-106, titled "Series 500 Sliding Glass Door." Sheets 1 through 2 of 2 dated 08-25-00, last revised on 02-05-01, signed and sealed by Charles A. Pagen, P. E., 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications only, as shown in approved drawings.
- 3.2 Head receptor is not allowed to be used in this installation.

4. INSTALLATION

- 4.1 The aluminum sliding glass door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): The installation of this unit will require a hurricane protection system.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
 - 6.1.1 This Notice of Acceptance
 - 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
 - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda

Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

Norandex Building Products

ACCEPTANCE No.: 00-0920.06

APPROVED : March 01, 20001

EXPIRES : March01, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

Ishaq I. Chanda
Ishaq I. Chanda , P. E. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

Norandex Building Products

ACCEPTANCE No.: 00-0920.06

APPROVED : March 01, 20001

EXPIRES : March01, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **Dade-106**, titled "Series 500 Sliding Glass Door." Sheets 1 through 2 of 2 dated 08-25-00, last revised on 02-05-01, signed and sealed by Charles A. Pagen, P. E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL -2679 (00056)** for specimen A1, A2 & A3, dated 08-08-00, signed and sealed by Aldo P. Gonzales, P.E.

C. CALCULATIONS

1. Comparative analysis and structural analysis, prepared by Nordax Engineering, Inc, dated 5-25-00, 1-18-01 and 02-05-01, signed and sealed by, Charles A. Pagen, P.E.

D. MATERIAL CERTIFICATIONS

1. None

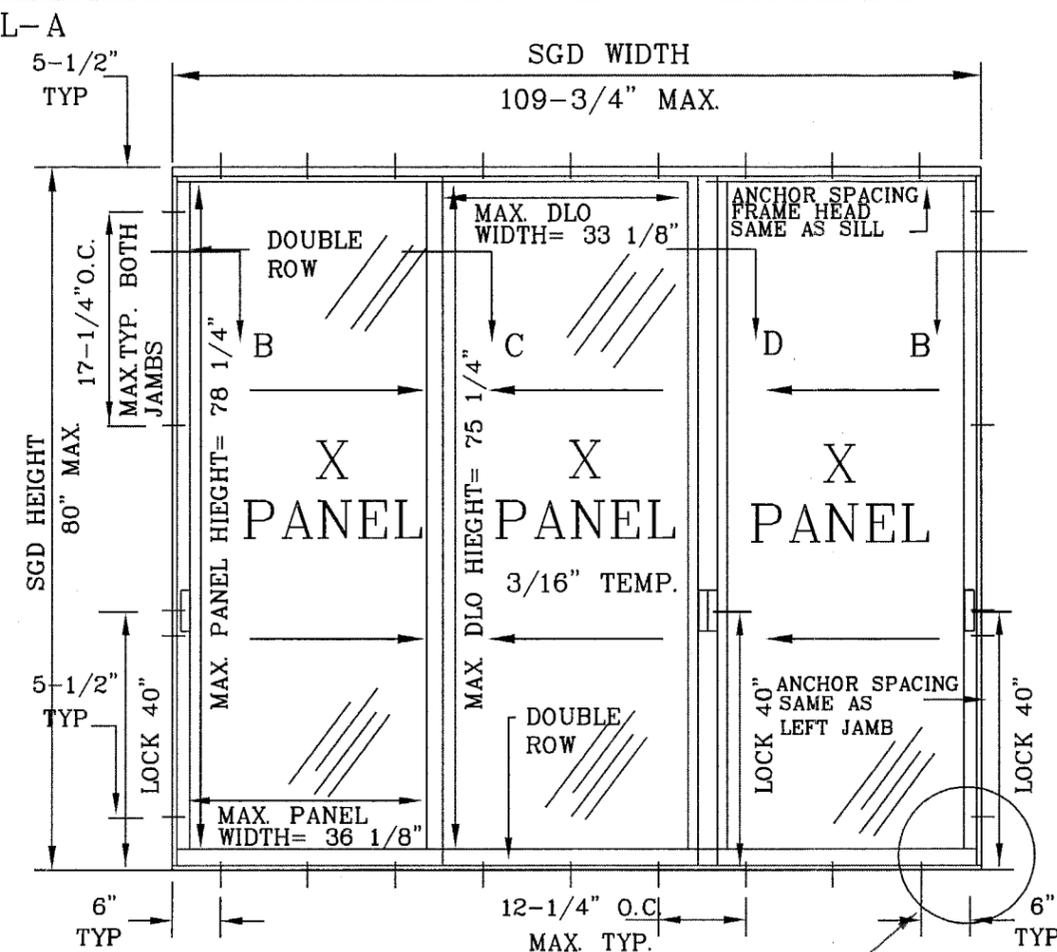
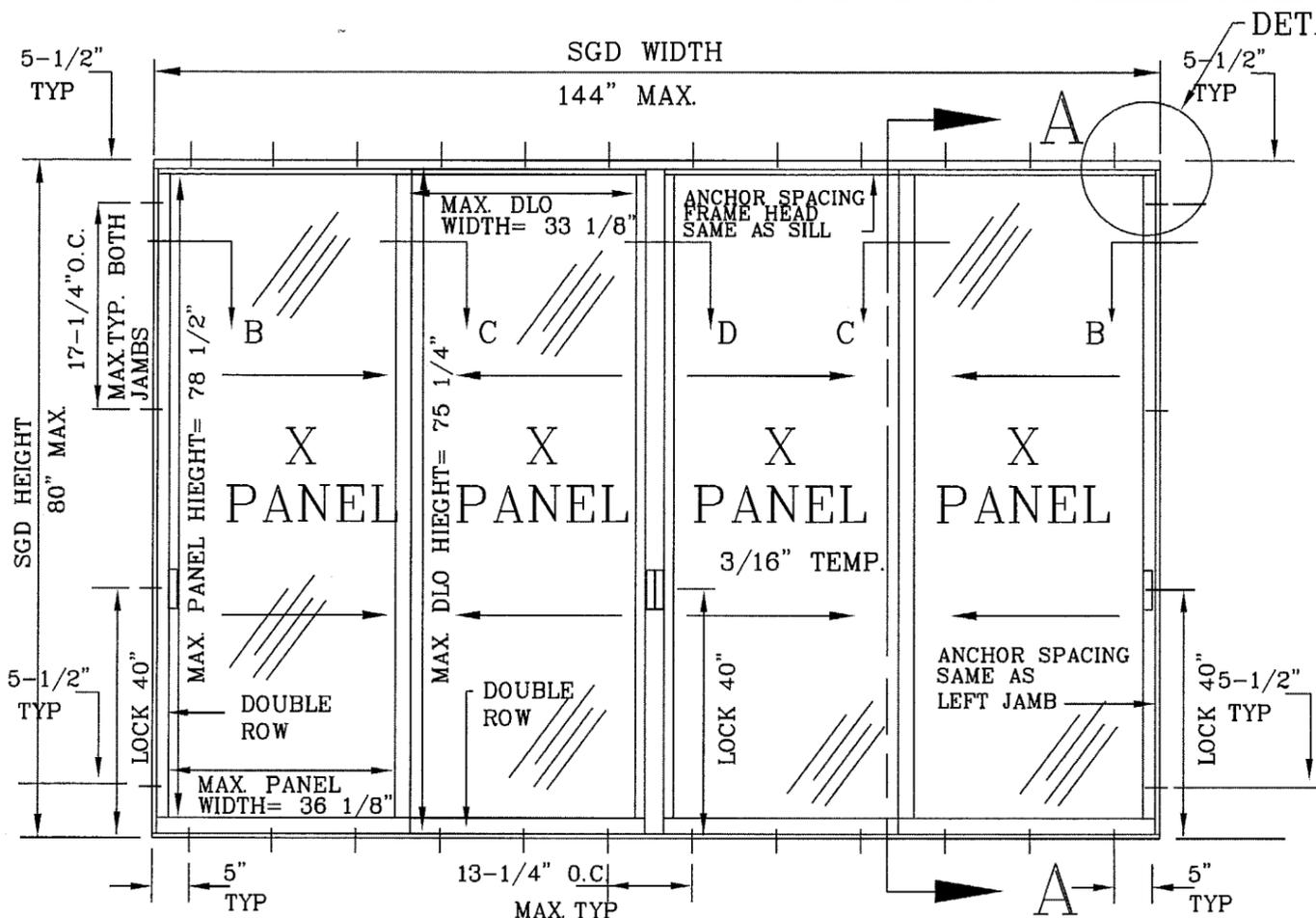
E. STATEMENTS

1. Statement letter of conformance, dated November 07, 2000, signed by Charles A. Pagen, P.E.
2. Statement letter of no financial interest, dated November 07, 2000 signed by Charles A. Pagen, P.E.
3. Statement letter of compliance dated 08-09-00 issued, by Fenestration testing laboratory, signed and sealed by Aldo P. Gonzales, P.E.

E. OTHER

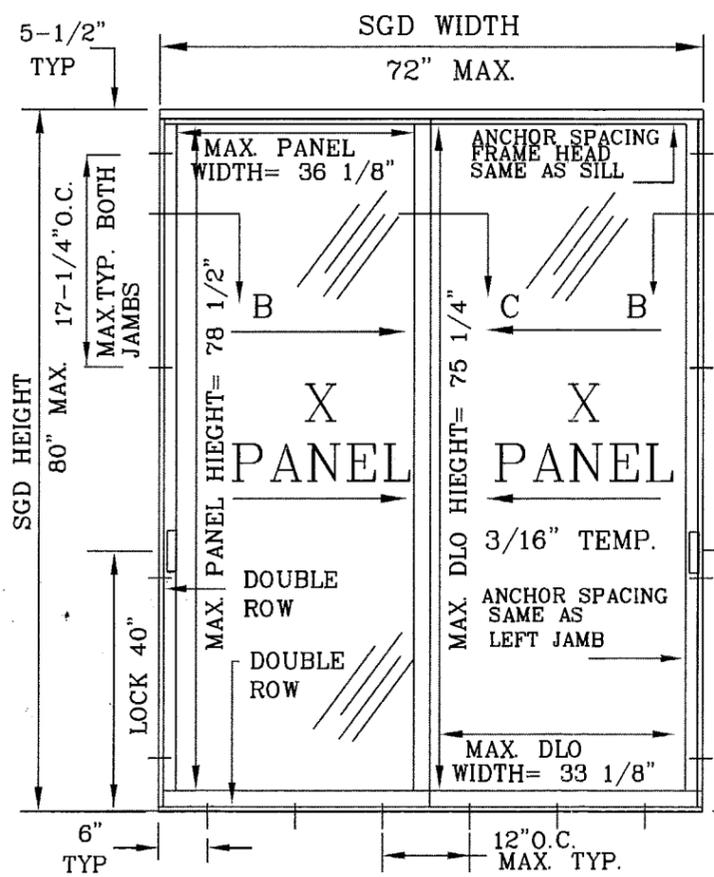
1. None

Ishaq I. Chanda
Ishaq I. Chanda , P. E., Product Control Examiner
Product Control Division



TYPICAL ELEVATION (SECTION B-C-D-C-B)
3/16\" TEMPERED GLASS
SERIES 500 SGD (ALL OPERABLE PANELS)

TYPICAL ELEVATION (SECTION B-C-D-B)
3/16\" TEMPERED GLASS
SERIES 500 SGD (ALL OPERABLE PANELS)



PANEL SIZE INCHES		DESIGN LOAD CAPACITY-PSF		NO. ANCHORS IN FRAME HEAD AND SILL			JAMB
WIDTH	HIEGHT	POS. (+)	NEG. (-)	XX	XXX	XXXX	ALL
30 1/16"	79 1/2"	49.7	49.7	5-PAIR	8-PAIR	10-PAIR	4-PAIR
36 1/16"	79 1/2"	45.0	45.0	6-PAIR	9-PAIR	11-PAIR	4-PAIR

SERIES 500 ALUMINUM SLIDING GLASS DOOR. ALL OPERABLE PANELS
COMPARATIVE ANALYSIS CHART

BASED ON FTL-2679 DATED 6-20-00
TEST SIZE APPROVED AS COMPLYING WITH THE 45.0 PSF
DESIGN LOADS = 45.0 PSF WITH THE 45.0 PSF
WATER INFILTRATION TESTS 100% PASS
TESTED DATE 4/2/01 BY SHAG I. CHANDS
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0920-06

Charles a. Pagen, P.E.
Fl. Reg. Eng. 49121

TYPICAL ELEVATION
SECTION (B-C-B)

Date: 01/25/01

- NOTE:
- 1 MIAMI-DADE COUNTY APPROVED SHUTTERS REQUIRED FOR INSTALLATION OF THESE UNITS.
 2. FRAME CORNERS, PANEL CORNER SEAM & INSTALLATION SCREWS TO BE SEALED BY SCHNEE-MORHEAD SEALANT.
 3. SEE SHEET 2 OF 2 FOR HORIZONTAL AND VERTICAL CROSS SECTIONS.
 4. THIS DOOR SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 1994 DADE COUNTY EDITION OF THE SOUTH FLORIDA BUILDING CODE (S.F.B.C.) AND PROTOCOL PA-202-94.

LEGEND: DLO = DAY LIGHT OPENING

WOOD BUCKS NOT BY NORANDEX, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

NON-IMPACT RESISTANT

norandex
4504 30th St. West
Bradenton, FL 34207

PROJECT: SERIES 500
SLIDING GLASS DOOR
DWG.#: DADE-106

NO.	DATE	REVISIONS:
		BY JIM MOORE 01/25/01

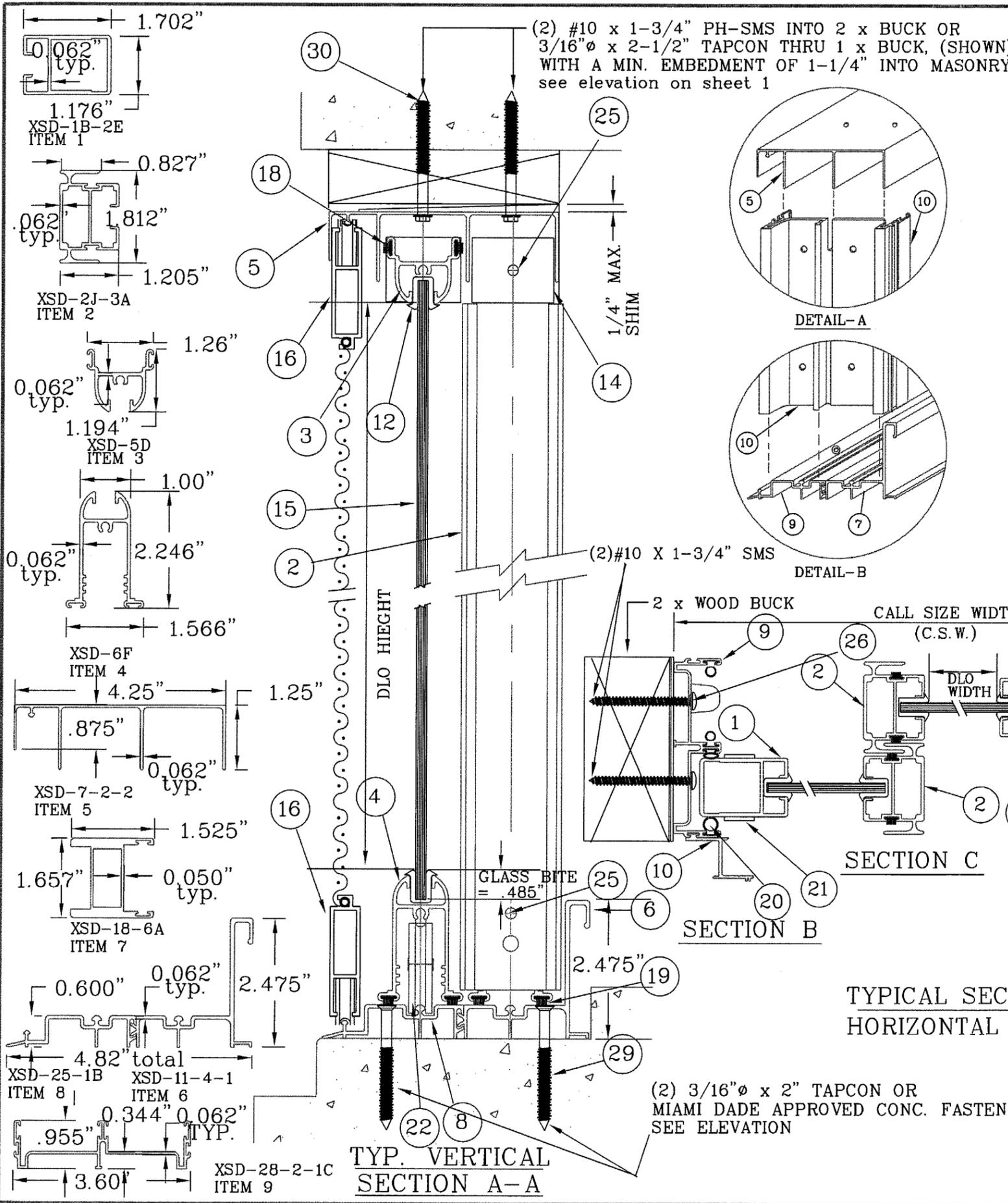
DATE: 8-25-00

SCALE: NONE

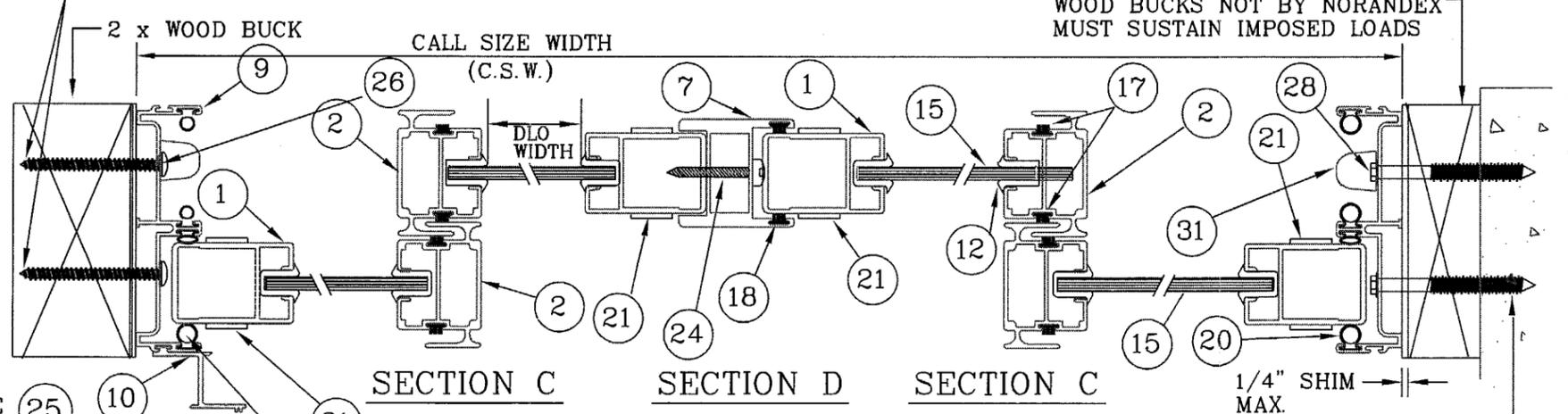
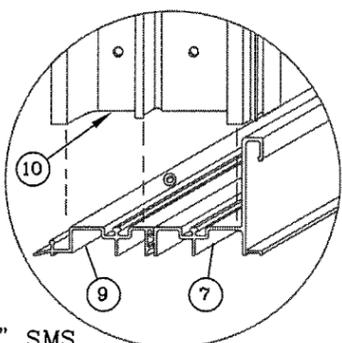
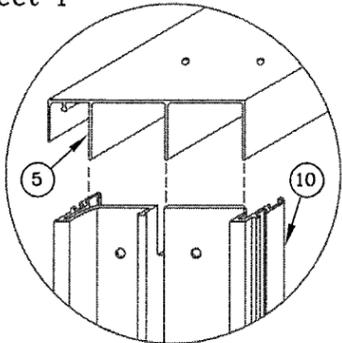
DWG. BY: J.R.M.

CHK. BY: _____

SHEET 1 OF 2



ITEM NO	PART NO	QTY.	DESCRIPTION	VENDOR
1	XSD-1B-2E	4	500 LEADSTILE AL-6063T5	PROFILE EXTRUSIONS
2	XSD-2J-3A	4	500 DBL INTERLOCK AL-6063T5	PROFILE EXTRUSIONS
3	XSD-5D	4	500 TOP RAIL AL-6063T5	PROFILE EXTRUSIONS
4	XSD-6F	4	500 BOTTOM RAIL AL-6063T5	PROFILE EXTRUSIONS
5	XSD-7-2-2	1	2-WIDE HEADER/W SCR. AL-6063T5	PROFILE EXTRUSIONS
6	XSD-11-4-1	1	HI-RISE TRACK SEGMENT AL-6063T5	PROFILE EXTRUSIONS
7	XSD-18-6A	1	500 ASTRAGAL (HD) AL-6063T5	PROFILE EXTRUSIONS
8	XSD-25-1B	1	SCREEN TRACK SEGMENT AL-6063T5	PROFILE EXTRUSIONS
9	XSD-28-2-1C	2	2-WIDE UNIV. JAMB AL-6063T5	PROFILE EXTRUSIONS
10	XSD-42-2	1	500 UNIV. SCR.N. JAMB AL-6063T5	PROFILE EXTRUSIONS
11	XSD-6-2-2	4	BOTTOM RAIL REINF. AL-6063T5	PROFILE EXTRUSIONS
12	SD-15H-2B	AS REQD.	3/16" GLAZ. VINYL	TEAM PLASTICS
13	SD-52E	4	LEADSTILE TOP RAIL GUIDE	SECURITY PLASTICS
14	SD-53-1B	4	500 INTERLOCK COVER	SECURITY PLASTICS
15	PURCHASE	4	GLASS = 316" TEMPERED	AFG
16	PURCHASE	2	500 SCREEN (APOLLO)	RITE SCREEN CO.
17	PURCHASE	AS REQD.	.220 FIN-SEAL WOOLPILE	ULTRA FAB.
18	PURCHASE	AS REQD.	.290 FIN-SEAL WOOLPILE	ULTRA FAB.
19	SD-140	AS REQD.	.340 FIN-SEAL WOOLPILE	AMESBURY
20	DJD-52-A	AS REQD.	JAMB WEATHERSTRIP VINYL BULB	VITRON
21	PURCHASE	3	LATCH & KEEPER	DECO
22	SD-12-1F	AS REQD.	ADJ. ROLLER ASSY	BUILDERS HARDWARE
23	SD-136	2	INTERLOCK BT. WEATHERSTRIP	HO PRODUCTS
24	F-8-5	5	#8 x 2-1/2" PH PAN HEAD	PURCHASE
25	F-10-2	4 PER PANEL	#10x7/8" W/#8 PH PAN HEAD	PURCHASE
26	PURCHASE	AS REQD.	#10x1-3/4" PH ROUND HEAD	PURCHASE
27	F-10-14	AS REQD.	#10x1-1/2" PH FLAT HEAD	PURCHASE
28	PURCHASE	AS REQD.	3/16" X 2-1/2" TAPCON	ITW
29	PURCHASE	AS REQD.	3/16" X 2" TAPCON	ITW
30	PURCHASE	AS REQD.	3/16" X 2-1/2" TAPCON	ITW
31	SD-4-1	2	RUBBER BUMPER	SECURITY PLASTICS



TYPICAL SECTION B-C-D-C-B
HORIZONTAL

#10 x 1 3/4" PH-SMS INTO 2 x BUCK OR 3/16" x 2 1/2" TAPCON THRU 1 x BUCK WITH A MIN. EMBEDMENT OF 1 1/4" INTO MASONRY SEE ELEVATION

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE MARCH 01, 2001 Isaac I. Chanda PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 00-0930-06

NON-IMPACT RESISTANT

Charles A. Pagen, P.E.
Fl. Reg. Eng. 49121

CA Pagen

Date: 01/25/01

NORANDEX®
4504 30th St. West
Bradenton, Fl. 34207

PROJECT: SERIES 500 SLIDING GLASS DOOR
DWG.#: DADE-106

REVISIONS: By Jim Moore 01/25/01

NO.	DATE

DATE: 8/25/00
SCALE: NONE
DWG. BY: J.R.M.
CHK. BY: _____
SHEET 2 OF 2