



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

K.D. Windows, Inc.
3705 Shares Place
Riviera Beach ,FL 33404

Your application for Notice of Acceptance (NOA) of:

Series "600" Aluminum Sliding Glass Door-Impact

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.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 01-0110.01
EXPIRES: 12/27/2006

**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: 12/27/2001

KD Windows, Inc.

ACCEPTANCE No.: 01-0110.01

APPROVED : December 27, 2001

EXPIRES : December 27, 2006

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 "600" Aluminum Sliding Glass Door (OXXO) – Large Missile Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No **SGD01**, titled "American Coastal 600" Sheets 1 through 7 of 7 dated 11-30-01, prepared, signed and sealed by Francisco Hernandez, 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 not 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

KD Windows, Inc.

ACCEPTANCE No.: 01-0110.01

APPROVED : December 27, 2001

EXPIRES : December 27, 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

1BY OR 2BY WOOD BUCK NOT BY KD WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM.

DOUBLE ANCHOR ROW SEE ELEVATION

SEE HEAD DETAIL THIS SHEET

1/4" MAX. SHIM

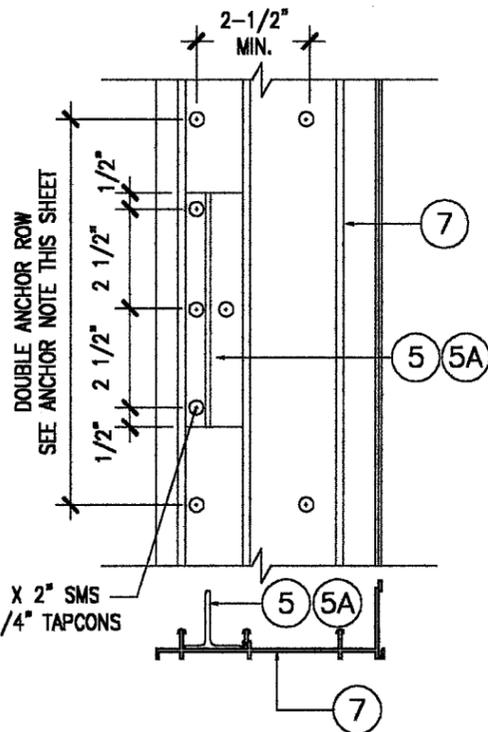
EXTERIOR

MAX. DOOR UNIT HEIGHT = 120 1/4"

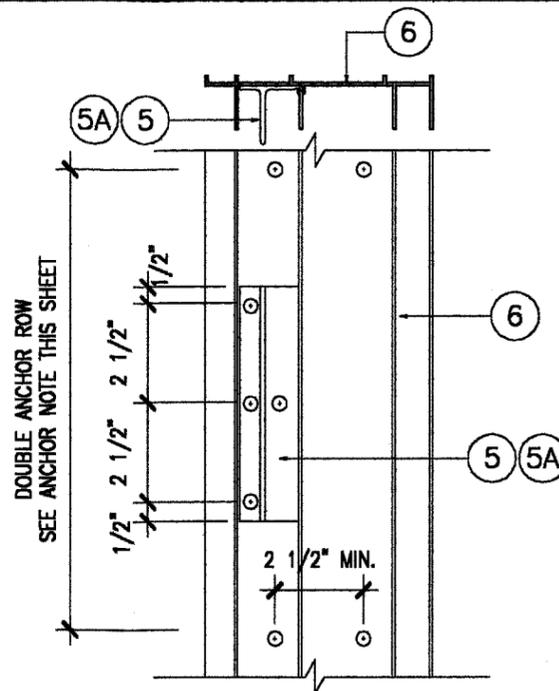
MAX. PANEL HEIGHT = 119 1/4"

SEE SILL DETAIL THIS SHEET

DOUBLE ANCHOR ROW SEE ELEVATION



SILL DETAIL

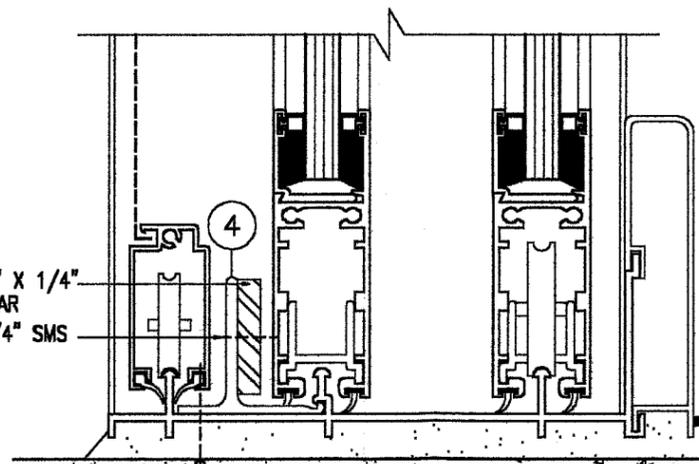


HEAD DETAIL

DETAILS OF CLIPS 5 AND 5A

1 1/4" X 2 1/2" X 1/4" ALUMINUM FLAT BAR
(2) #14 X 3/4" SMS

(2) #14 X 2" SMS EMBEDDED 1 1/2" IN WOOD OR (2) 1/4" TAPCON EMBEDDED 1 1/4" IN CONCRETE (TYP)



ADDITIONAL REINFORCEMENT AT JAMBS OF END FIXED PANELS TYPICAL AT HEAD AND SILL

VERTICAL SECTION AND DETAILS

SEALANTS

PERIMETER SEAL: DOW CORNING 1199
FRAME JOINT SEAL: SCHNEE-MOREHEAD 5554

TWO POINT LOCK

MODEL "GEMINI MULTIPPOINT" BY SASH CONTROLS INC.

GLAZING

MATERIAL:

- LAMINATED GLASSLAM "SAFETY PLUS" CONSISTED OF THE FOLLOWING COMPONENTS:
3/16" HEAT STRENGTHENED GLASS
0.080 POLYESTER
0.010 PET
0.080 POLYESTER
3/16" HEAT STRENGTHENED GLASS
- LAMINATED GLASS WITH SAFLEX INTERLAYER CONSISTED OF THE FOLLOWING COMPONENTS:
3/16" HEAT STRENGTHENED GLASS
0.090 SAFLEX
3/16" HEAT STRENGTHENED GLASS

METHOD:

GLAZED ON THE INTERIOR AND EXTERIOR WITH # 8229 BULB VINYL BY WIBORG VINYL COMPANY AND DOW CORNING 1199 SILICONE SEALANT ALL AROUND THE OPENING.

NOTE:

HURRICANE PROTECTION SYSTEM IS NOT REQUIRED

ANCHOR SPACING AND EMBEDMENT

#14 SMS, 1 1/2" MINIMUM PENETRATION WITHIN WOOD FOR CONNECTION TO 2BY WOOD BUCKS OR WOOD STRUCTURE

1/4" TAPCON, 1 1/4" MINIMUM EMBEDMENT WITHIN CONCRETE FOR CONNECTION THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY WITHIN MASONRY

DOUBLE ROW AT 6" MAXIMUM FROM CORNERS AND 12" O.C. MAXIMUM AT HEAD AND SILL AND 18" O.C. MAXIMUM AT JAMBS.

DESIGN PRESSURE RATING: +70.0 PSF -85.0 PSF

DESIGN PRESSURE RATING ABOVE APPLIES FOR ALL SLIDING GLASS DOOR CONFIGURATIONS SHOWN ON THIS NOTICE OF ACCEPTANCE.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 27, 2001
BY Ishag I. Chauda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0110-01

[Signature]
11-30-01
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

KD
Windows

3705 SHARES PLACE
RIVERA BEACH, FL 33404
Ph: (561)-845-1401

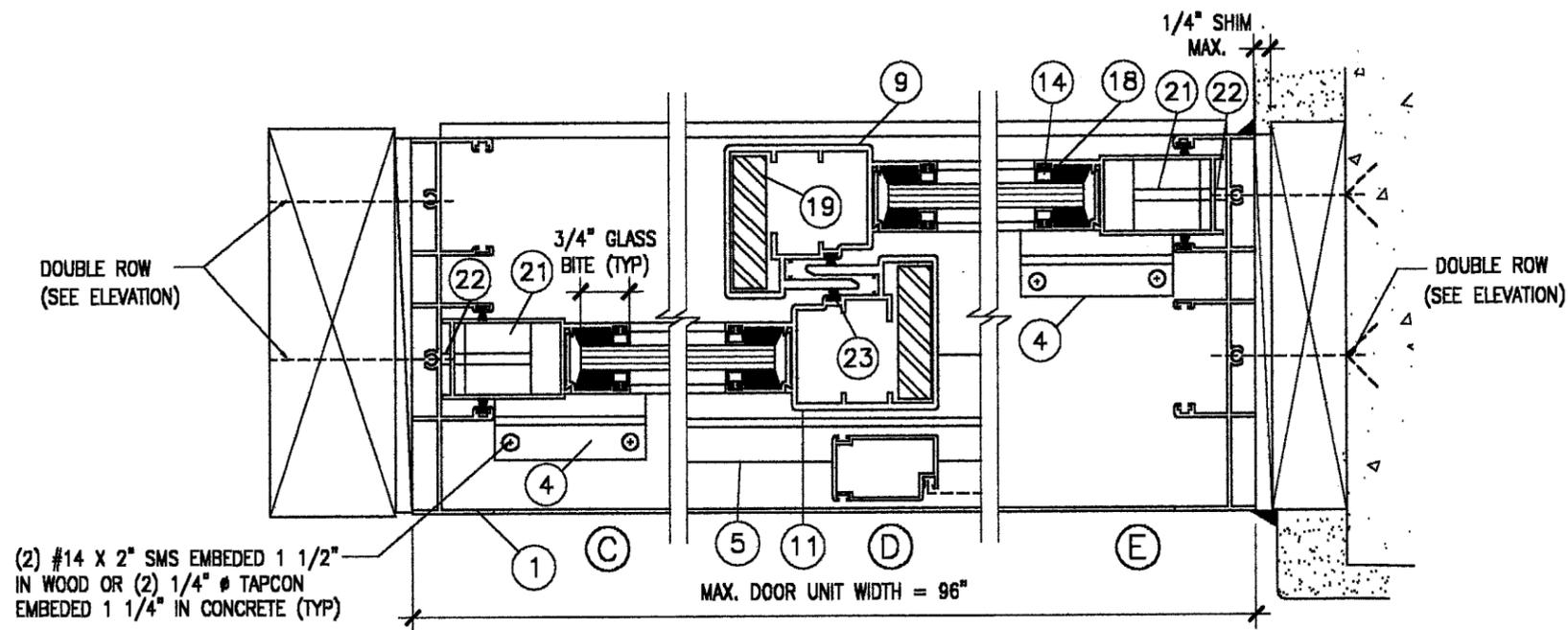
FRANCISCO HERNANDEZ, P. E.
Structural Engineering
351 NW 82 AVE #1118
Miami, Florida 33126
Phone (305) 264 7919
Fax (305) 266 3427

AMERICAN COASTAL 600
ALUMINUM SLIDING GLASS DOOR

Drawn By: MH
Date: 11-30-01
Scale: NTS
Revision: _____
Revision: _____

DRAWING NO.
SGD-01

SHEET
1 OF 7

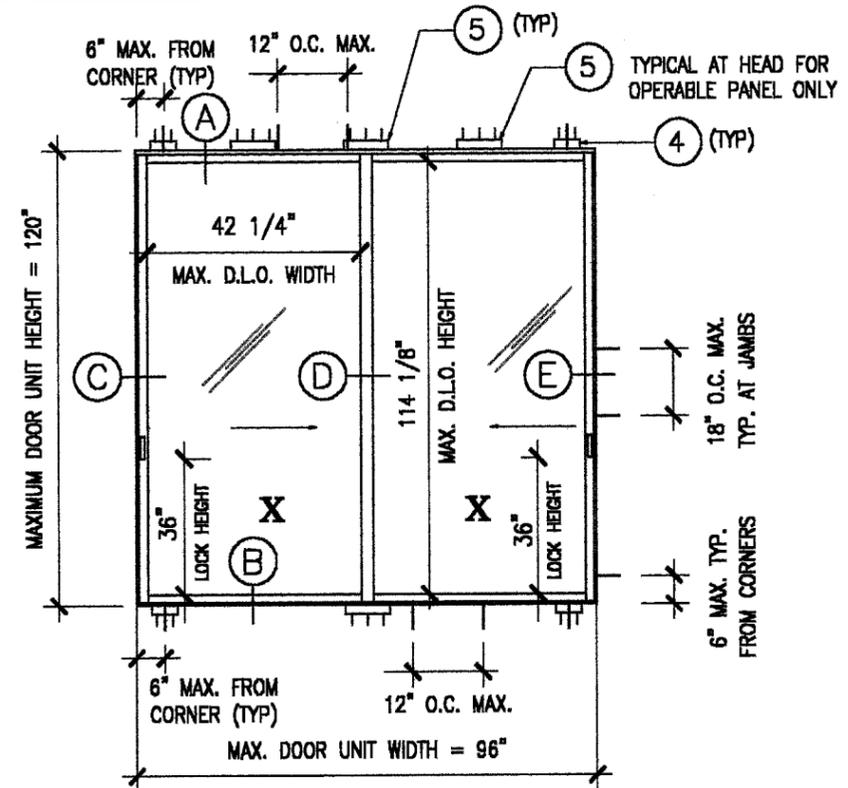


(2) #14 X 2" SMS EMBEDDED 1 1/2" IN WOOD OR (2) 1/4" Ø TAPCON EMBEDDED 1 1/4" IN CONCRETE (TYP)

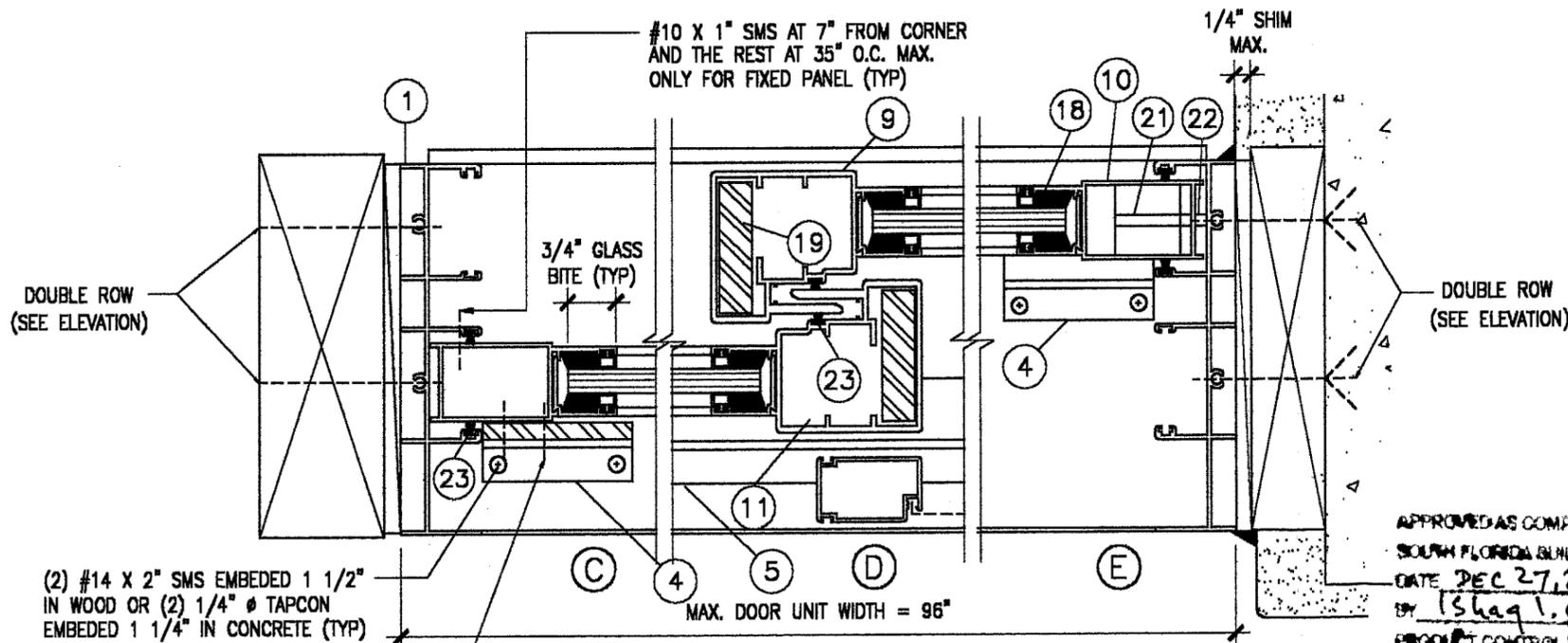
EXTERIOR
HORIZONTAL SECTION (XX)

MAXIMUM OPERABLE PANEL WIDTH = 49 5/8"
MAXIMUM FIXED PANEL WIDTH = 48 1/2"

CONFIGURATION XX



ELEVATION



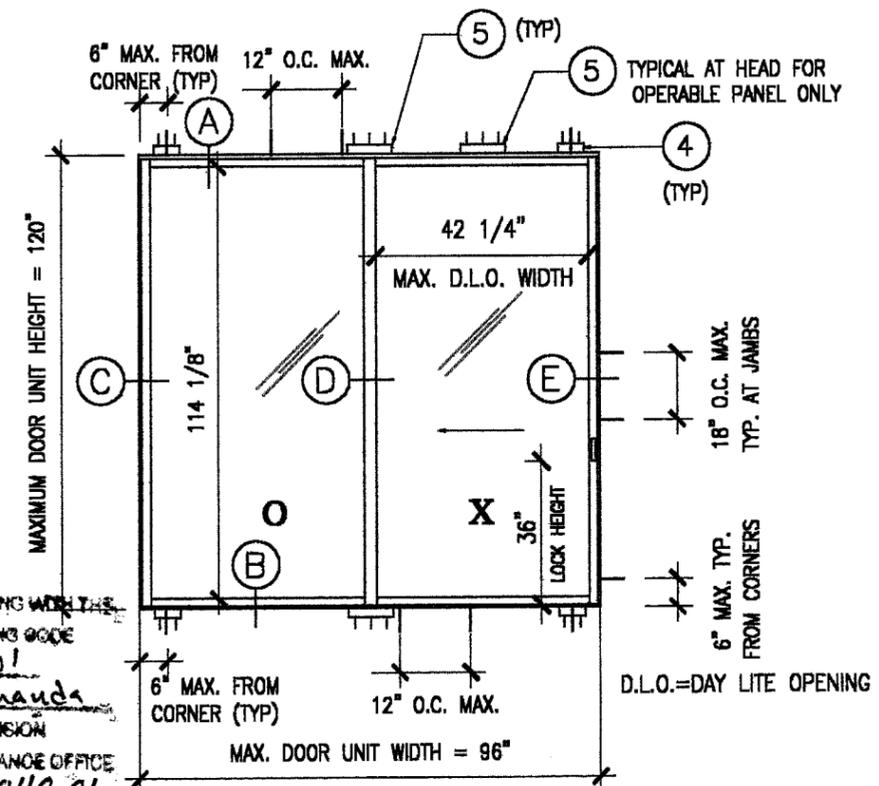
(2) #14 X 2" SMS EMBEDDED 1 1/2" IN WOOD OR (2) 1/4" Ø TAPCON EMBEDDED 1 1/4" IN CONCRETE (TYP)

(2) #14 X 3/4" SMS ONLY FOR FIXED PANEL (TYP)

EXTERIOR
HORIZONTAL SECTION (OX)

MAXIMUM OPERABLE PANEL WIDTH = 49 5/8"
MAXIMUM FIXED PANEL WIDTH = 48 1/2"

CONFIGURATIONS OX (XO REVERSE)



ELEVATION

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE DEC 27, 2001 BY Shaq I. Chauda PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 01-0110.01

[Signature] 11-30-01

FRANCISCO HERNANDEZ
FLORIDA PE # 51393

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3705 SHARES PLACE
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351 NW 82 AVE # 1118
Miami, Florida 33126
Phone (305) 264 7919
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AMERICAN COASTAL 600
ALUMINUM SLIDING GLASS DOOR

Drawn By: MH
Date: 11-30-01
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Revision: _____

DRAWING NO.
SGD-01

SHEET
2 OF 7

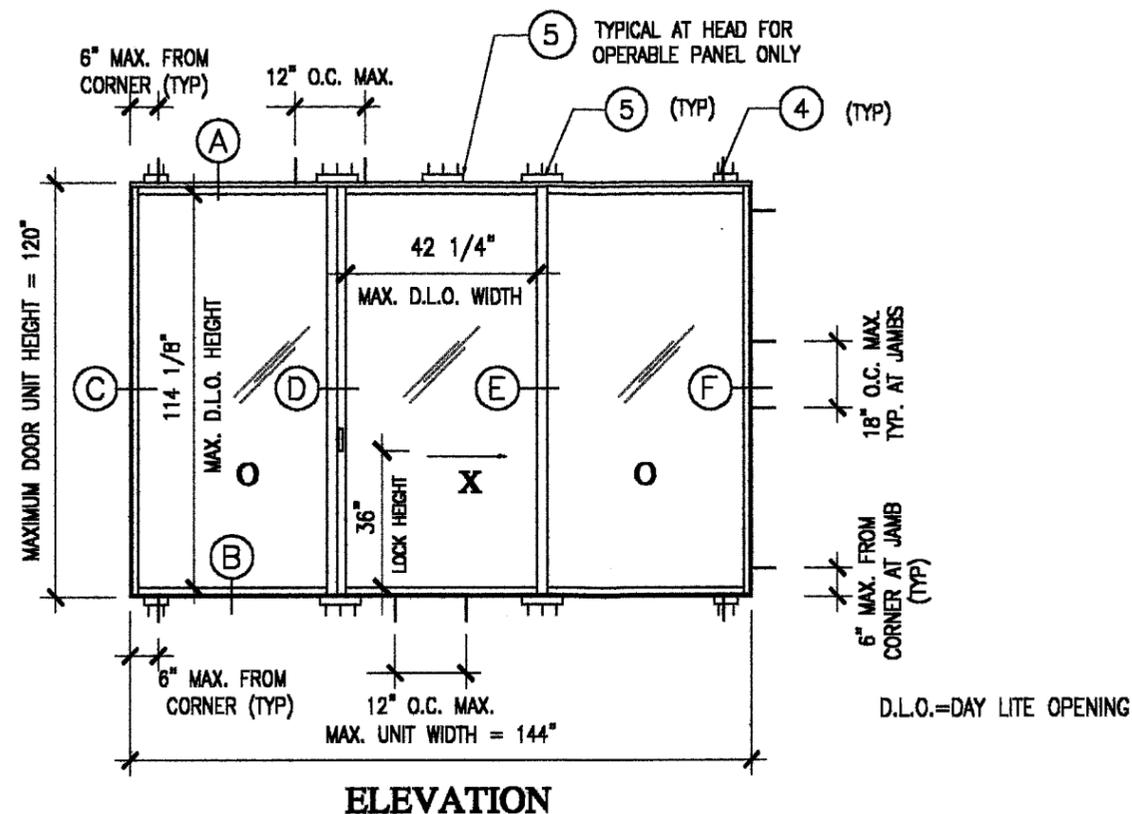
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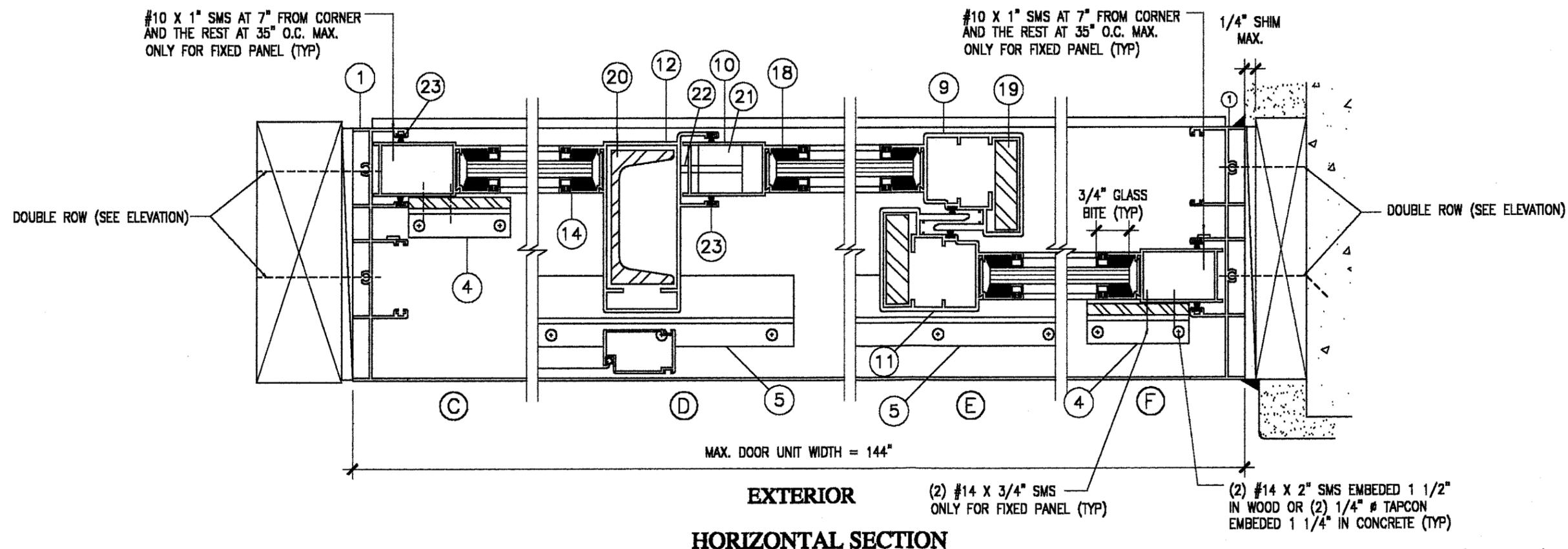
FRANCISCO HERNANDEZ, P. E.
Structural Engineering
351 NW 82 AVE #1118
Miami, Florida 33126
Phone (305) 264 7919
Fax (305) 266 3427



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE DEC 27, 2001
BY Ishag I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0110-01



D.L.O.=DAY LITE OPENING



HORIZONTAL SECTION

MAXIMUM OPERABLE PANEL WIDTH = 49 5/8"
MAXIMUM FIXED PANEL WIDTH = 48 1/2"

CONFIGURATION OXO

[Signature]
11-30-01
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

AMERICAN COASTAL 600
ALUMINUM SLIDING GLASS DOOR

Drawn By: MH
Date: 11-30-01
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DRAWING NO.
SGD-01

SHEET
3 OF 7

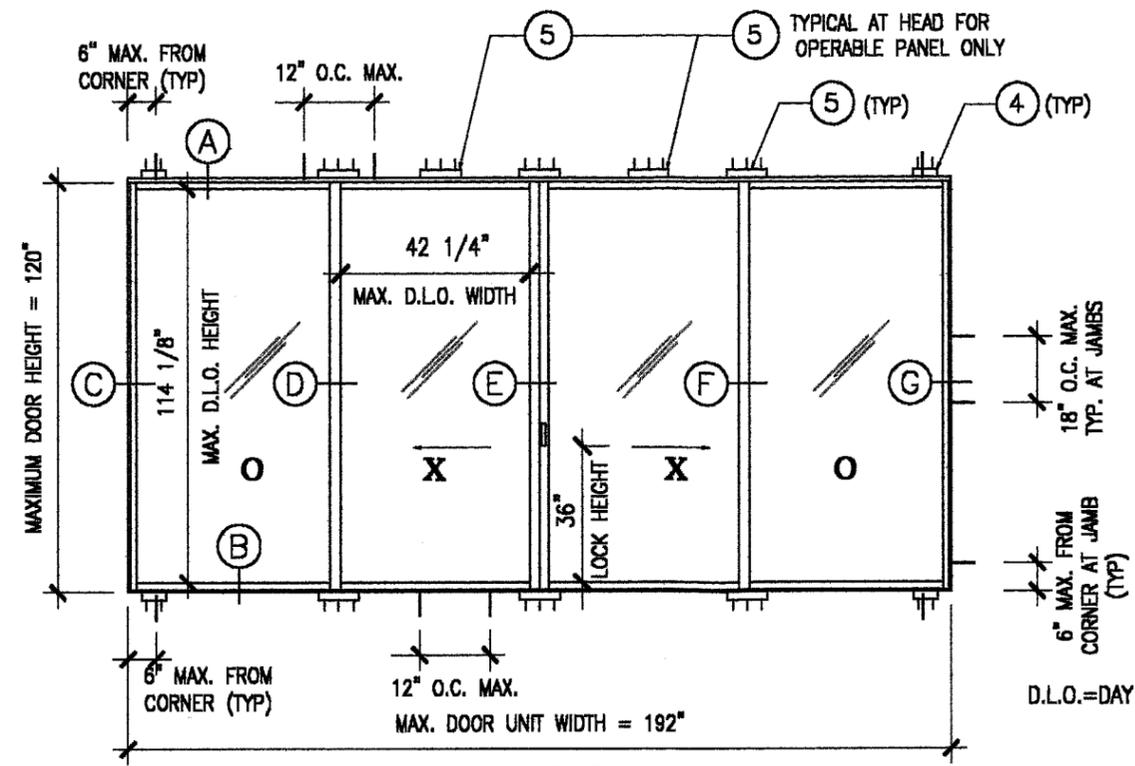
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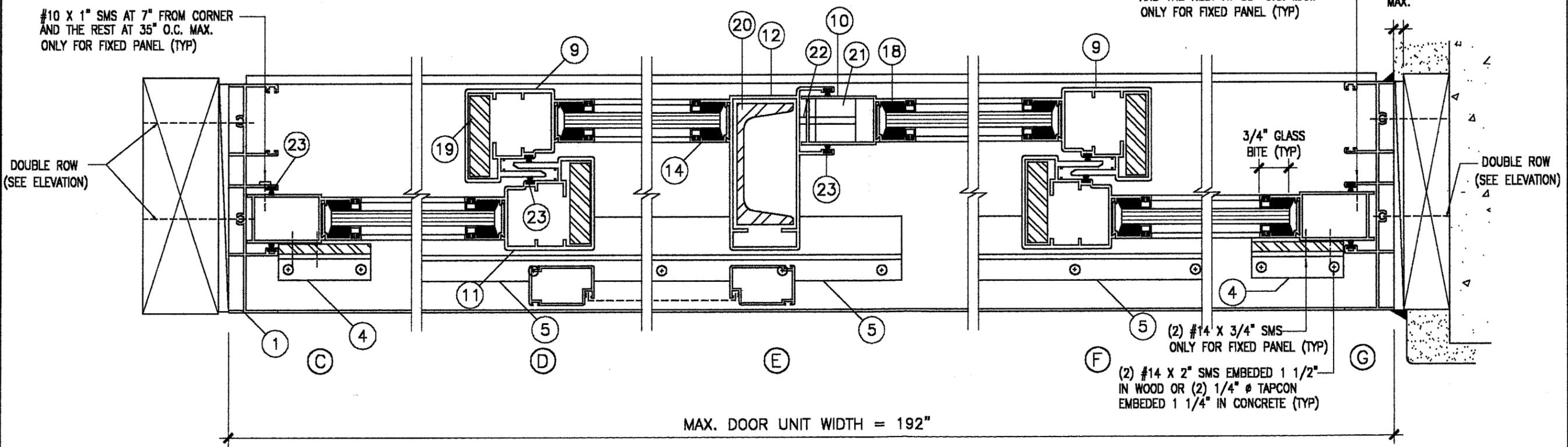


APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE Dec 27, 2001
BY Francisco Hernandez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0110-01



D.L.O.=DAY LITE OPENING

ELEVATION



**EXTERIOR
HORIZONTAL SECTION**

MAXIMUM OPERABLE PANEL WIDTH = 49 5/8"
MAXIMUM FIXED PANEL WIDTH = 48 1/2"

CONFIGURATION OXXO

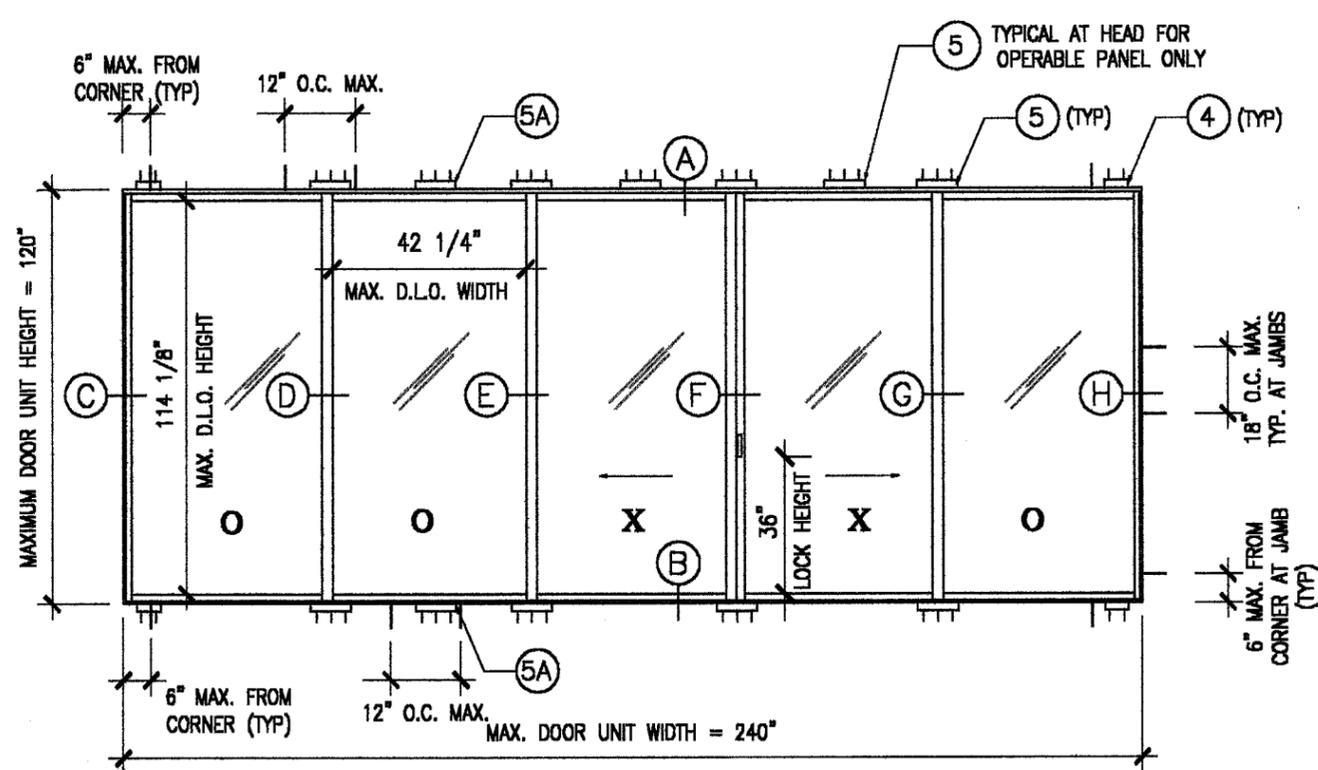
**AMERICAN COASTAL 600
ALUMINUM SLIDING GLASS DOOR**

Drawn By: MH
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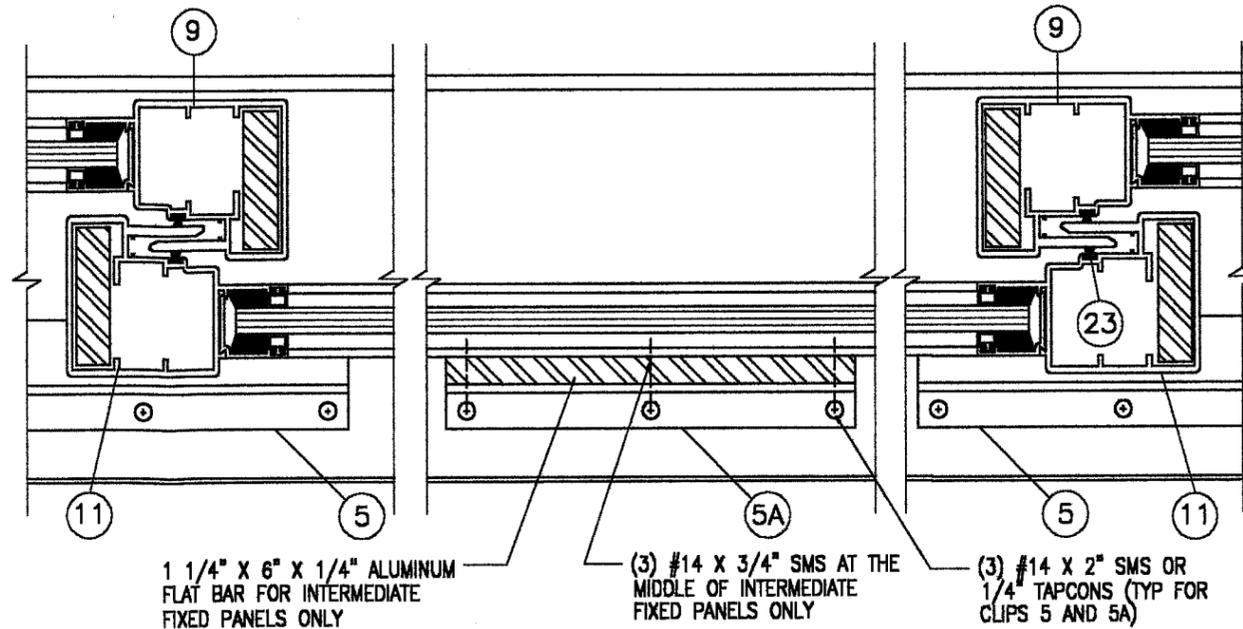
DRAWING NO.
SGD-01

SHEET
4 OF 7

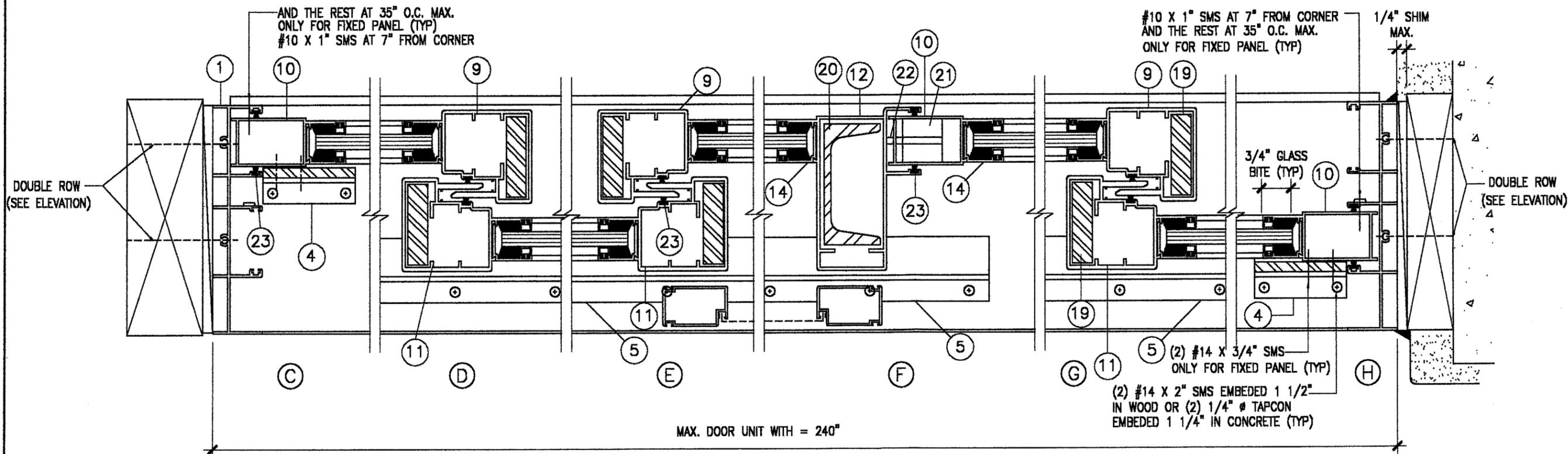
[Signature]
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



ELEVATION



**ADDITIONAL REINFORCEMENT
AT INTERMEDIATE FIXED PANELS
TYPICAL AT HEAD AND SILL**



HORIZONTAL SECTION

MAXIMUM OPERABLE PANEL WIDTH = 49 5/8"
MAXIMUM FIXED PANEL WIDTH = 48 1/2"

CONFIGURATION OOXO

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BY Ishag I. Chanda
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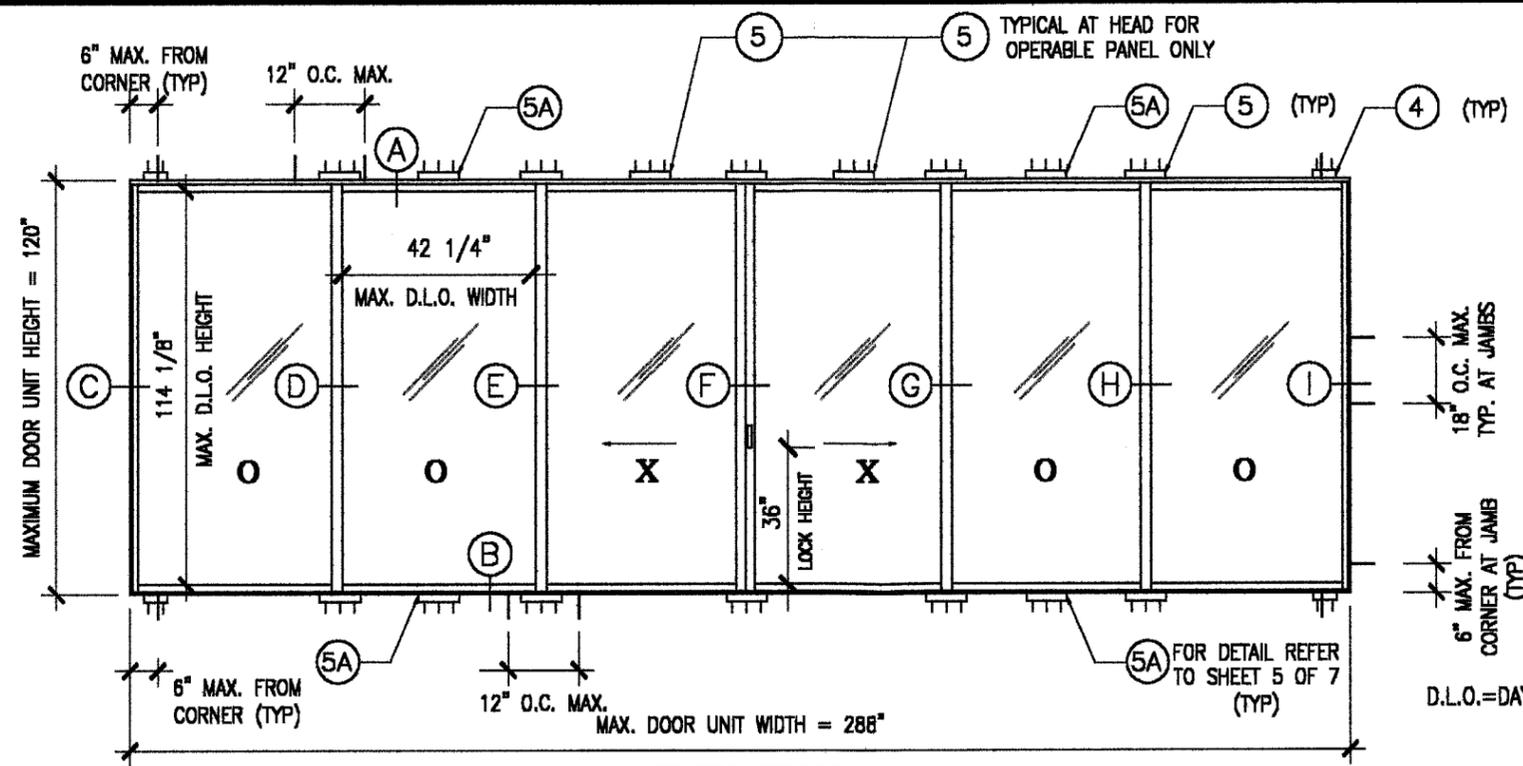
KD
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3705 SHARES PLACE
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**AMERICAN COASTAL 600
ALUMINUM SLIDING GLASS DOOR**

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DRAWING NO.
SGD-01
SHEET
5 OF 7



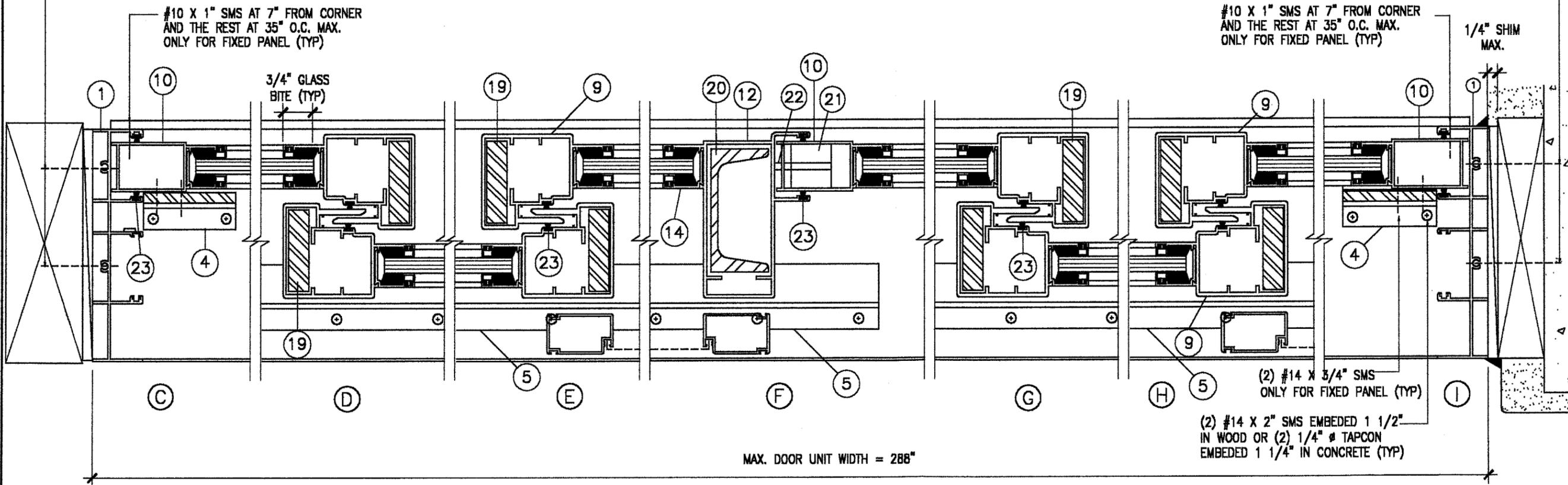
APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE DEC 27, 2001
 BY J. Shag I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-0110.01

18" O.C. MAX.
 TYP. AT JAMBS

6" MAX. FROM
 CORNER AT JAMB
 (TYP)

D.L.O. = DAY LITE OPENING

ELEVATION



(2) #14 X 3/4" SMS
 ONLY FOR FIXED PANEL (TYP)

(2) #14 X 2" SMS EMBEDDED 1 1/2"
 IN WOOD OR (2) 1/4" # TAPCON
 EMBEDDED 1 1/4" IN CONCRETE (TYP)

HORIZONTAL SECTION

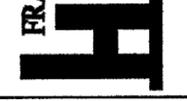
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CONFIGURATION O O X X O O

KD
 Windows

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AMERICAN COASTAL 600
 ALUMINUM SLIDING GLASS DOOR

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DRAWING NO.
SGD-01

SHEET
 6 OF 7

[Signature]
 11-30-01

FRANCISCO HERNANDEZ
 FLORIDA PE # 51393

KD

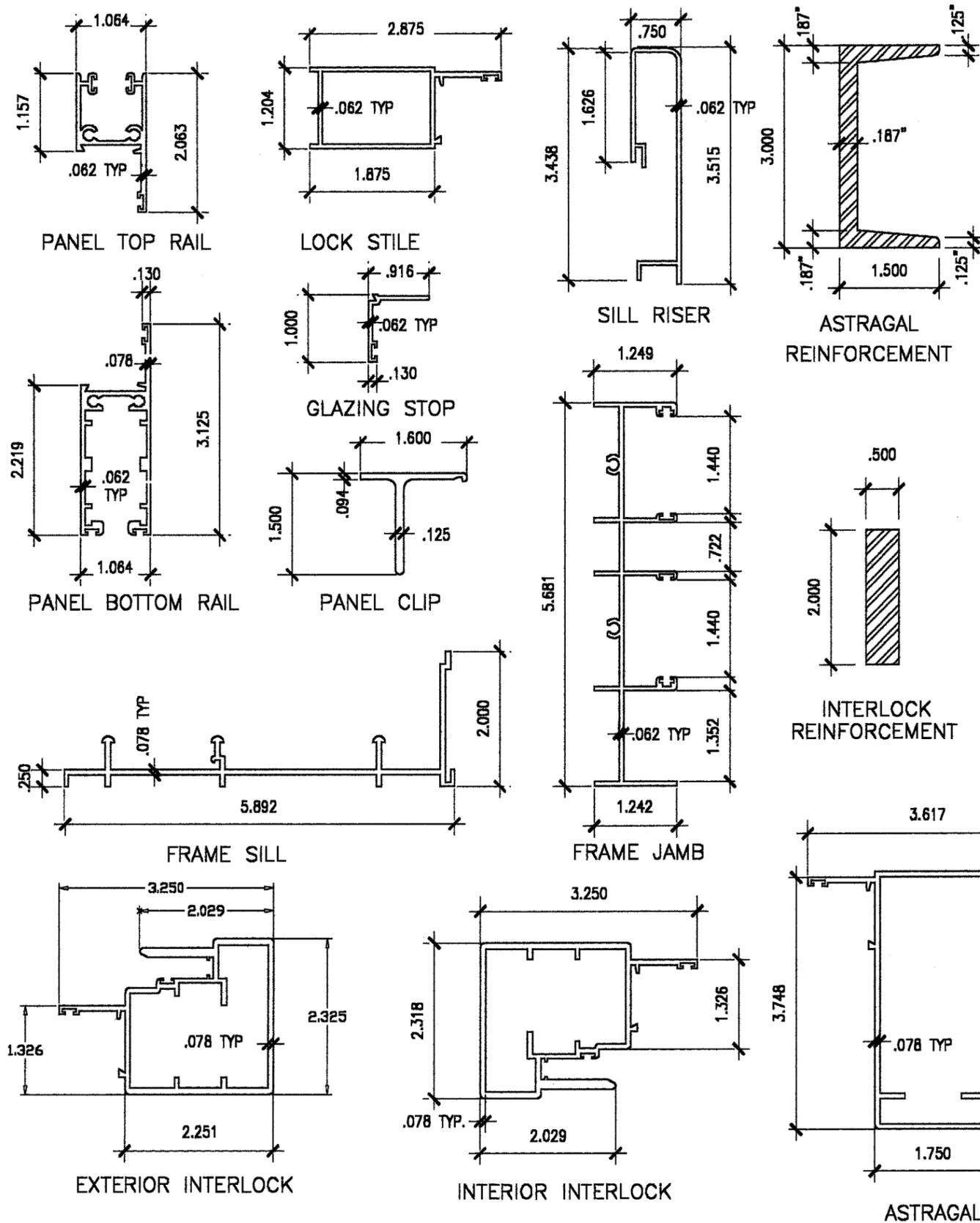
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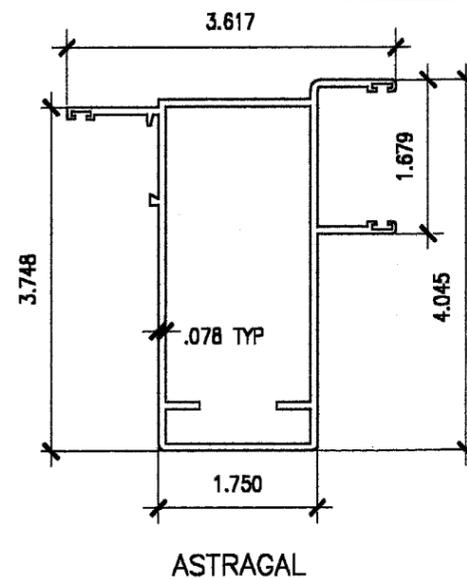
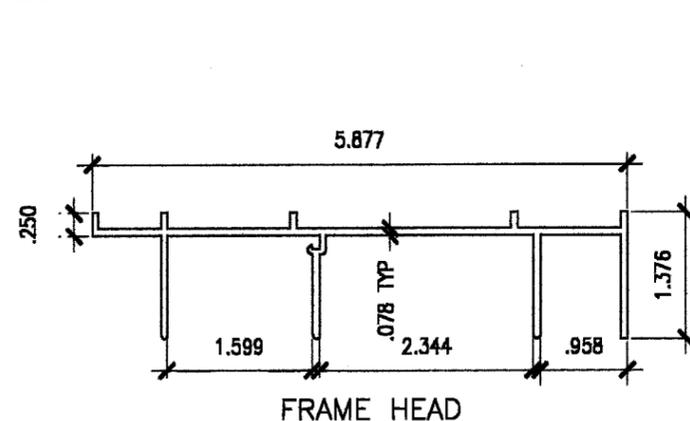


AMERICAN COASTAL 600
ALUMINUM SLIDING GLASS DOOR



MATERIAL LIST				
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	AW-617	2	FRAME JAMB	6063-T5
2	AW-618	1	SILL RISER	6063-T6
3	AW-619	1/ PANEL	TOP RAIL	6063-T6
4	AW-620	AS REQ'D	END CLIPS WITH 1/4" X 1 1/4" ADAPTER, 2-5/16" LONG	6063-T6
5	AW-620	AS REQ'D	CLIPS, 6" LONG	6063-T6
5A	AW-620	AS REQ'D	CLIPS, 6" LONG	6063-T6
6	AW-621	1	FRAME HEAD	6063-T5
7	AW-622	1	FRAME SILL	6063-T5
8	AW-623	1/ PANEL	RAIL STIFFENER	6063-T6
9	AW-624	AS REQ'D	INNER INTERLOCK	6063-T6
10	AW-625	AS REQ'D	LOCK STILES	6063-T6
11	AW-626	AS REQ'D	OUTER INTERLOCK	6063-T6
12	AW-627	AS REQ'D	ASTRAGAL	6063-T6
13	AW-628	1/PANEL	BOTTOM RAIL	6063-T6
14	AW-629	4/ PANEL	GLAZING BEAD	6063-T6
15	#10 x 1 1/2"	AS REQ'D	PANEL ASSEMBLY SCREWS	SMS
16	AW-1102	2/ MOV. PANEL	ROLLERS	-
17	FL-38	AS REQ'D	FLAP WEATHERSTRIPPING	VINYL
18	-	AS REQ'D	DOW CORNING 1199	SILICONE
19	AW-616	1/ INTERLOCK	1/2" X 2" FLAT BAR(HEIGHT-8")	STEEL
20	AW-630	1/ ASTRAGAL	1 1/2" X 3" CHANNEL(HEIGHT-8")	STEEL
21	2466	AS REQ'D	LOCKS MANUFACTURED BY SASH	-
22	2447	AS REQ'D	KEEPER MANUFACTURED BY SASH	-
23	7900	AS REQ'D	FIN SEAL PILE BY SCHLEGEL	POLYPROPYLENE

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 27, 2001
BY Isaac J. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0110-01



[Signature]
11-30-01
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

Drawn By: MH
Date: 11-30-01
Scale: NTS
Revision: _____
Revision: _____

DRAWING NO.
SGD-01
SHEET
7 OF 7