



**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)

**YKK AP AMERICA
322 Firetower Road
Dublin, GA 31021**

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: Aluminum Flush Glazed Storefront System Series YHS-50 FI

APPROVAL DOCUMENT: Drawing No. W02-14 sheet 1 through 7 of 7, dated 4/30/02, titled "YHS-50 F-1 Alum Flush Storefront Sys. (I.M.)", prepared by manufacturer, signed and sealed by Dr. Humayoun Farook, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact

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.

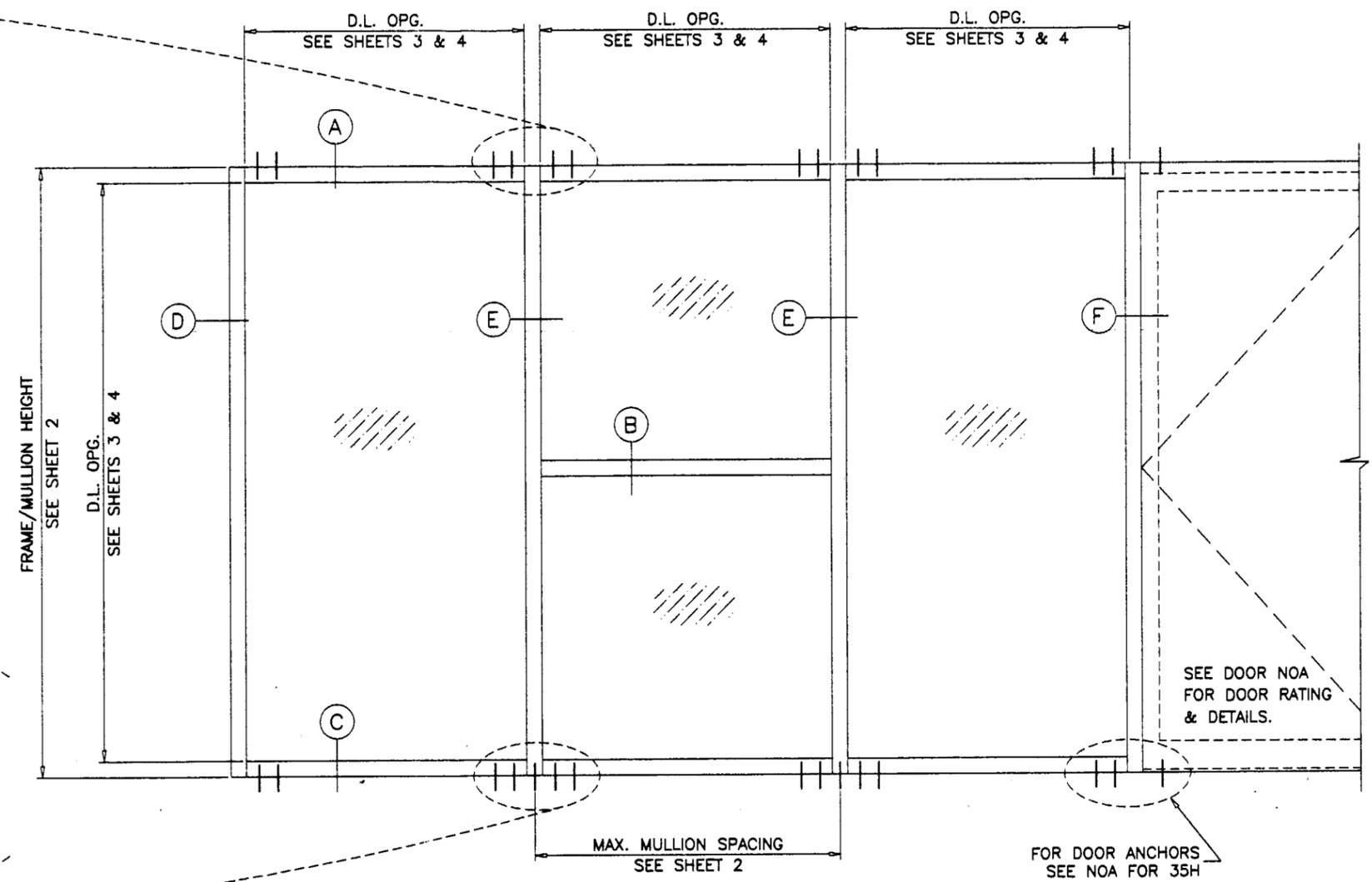
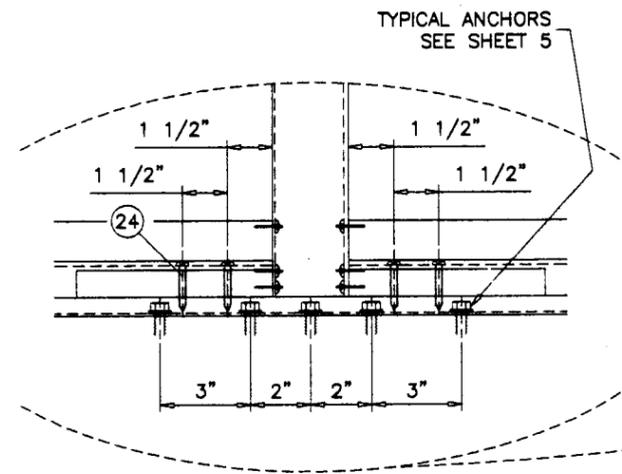
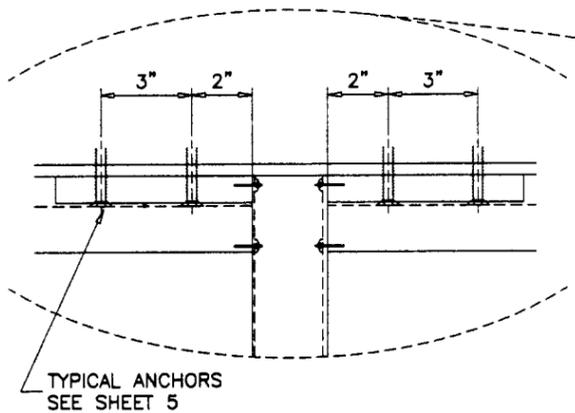
INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA # 02-0618.08 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime M. Eisen, P.E.**



**NOA No 02-0618.08
Expiration Date: September 05, 2007
Approval Date: September 05, 2002
Page 1**



TYPICAL ELEVATION

**ALUMINUM FLUSH GLAZED STOREFRONT SYSTEM
SERIES YHS-50 F-I (LARGE MISSILE IMPACT)**

STOREFRONT SYSTEM IS DESIGNED TO BE ANCHORED AT TOP AND BOTTOM ONLY.
 SEE CHARTS ON SHEET 2 TO DETERMINE DESIGN LOAD CAPACITY OF MULLIONS.
 SEE SHEET 3 AND 4 TO DETERMINE DESIGN LOAD CAPACITY OF VARIOUS TYPES OF GLASS FOR DIFFERENT OPNG. SIZES.
 THIS SYSTEM MAY BE USED IN CONJUNCTION WITH MIAMI-DADE COUNTY APPROVED ENTRANCE DOORS.
 STOREFRONT SYSTEM IS RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.
 CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

Approved as complying with the
 Florida Building Code
 Date 09/05/02
 NOA# 02-0616.08
 Miami Dade Product Control
 Division
 By: *[Signature]*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 APR 30 2002

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 STORE/W02-14YKK

YHS-50 F-I ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)

YKK AP AMERICA INC.
 5630 GWALTNEY DRIVE
 ATLANTA, GA. 30336
 TEL (404) 629-3800 FAX(404) 629-3810

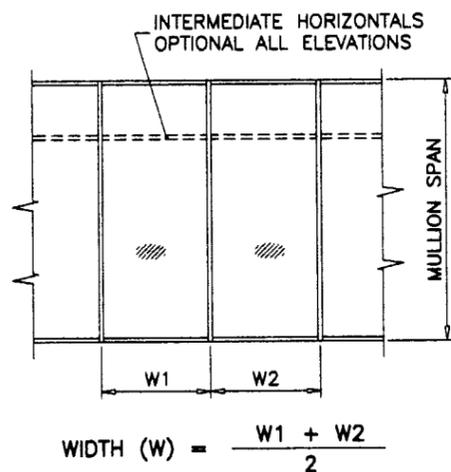
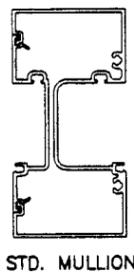
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 dr. by: HAMID
 chk. by:

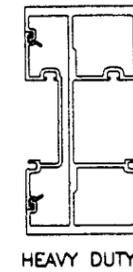
drawing no.
W02-14
 sheet 1 of 7

MULLION LOAD CAPACITY - PSF			
NOMINAL DIMS.		STANDARD MULLION	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)
30"	90"	50.0	50.0
33"		50.0	50.0
36"		50.0	50.0
39"		50.0	50.0
42"		50.0	50.0
45"		50.0	50.0
48"		50.0	50.0
51"		50.0	50.0
54"		50.0	50.0
57"		50.0	50.0
60"		50.0	50.0
63"		50.0	50.0
66"		50.0	50.0
69"		50.0	50.0
72"	50.0	50.0	
30"	96"	50.0	50.0
33"		50.0	50.0
36"		50.0	50.0
39"		50.0	50.0
42"		50.0	50.0
45"		50.0	50.0
48"		50.0	50.0
51"		50.0	50.0
54"		50.0	50.0
57"		50.0	50.0
60"		50.0	50.0
63"		50.0	50.0
66"		50.0	50.0
30"		102"	50.0
33"	50.0		50.0
36"	50.0		50.0
39"	50.0		50.0
42"	50.0		50.0
45"	50.0		50.0
48"	50.0		50.0
51"	50.0		50.0
54"	50.0		50.0
57"	50.0		50.0
60"	50.0		50.0
63"	50.0		50.0
66"	50.0		50.0

MULLION LOAD CAPACITY - PSF			
NOMINAL DIMS.		STANDARD MULLION	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)
30"	108"	50.0	50.0
33"		50.0	50.0
36"		50.0	50.0
39"		50.0	50.0
42"		50.0	50.0
45"		50.0	50.0
48"		50.0	50.0
51"		50.0	50.0
54"		50.0	50.0
57"		50.0	50.0
60"	50.0	50.0	
30"	114"	50.0	50.0
33"		50.0	50.0
36"		50.0	50.0
39"		50.0	50.0
42"		50.0	50.0
45"		50.0	50.0
48"		50.0	50.0
51"		50.0	50.0
54"		50.0	50.0
30"		120"	50.0
33"	50.0		50.0
36"	50.0		50.0
39"	50.0		50.0
42"	50.0		50.0
45"	50.0		50.0
48"	50.0		50.0
51"	50.0		50.0
54"	50.0		50.0



MULLION LOAD CAPACITY - PSF			
NOMINAL DIMS.		HEAVY DUTY MULLION	
WIDTH (W)	FRAME HEIGHT	EXT. (+)	INT. (-)
30"	90"	70.0	70.0
33"		70.0	70.0
36"		70.0	70.0
39"		70.0	70.0
42"		70.0	70.0
45"		70.0	70.0
48"		70.0	70.0
51"		70.0	70.0
54"		70.0	70.0
57"		70.0	70.0
60"		70.0	70.0
63"		70.0	70.0
66"		70.0	70.0
72"		70.0	70.0
30"	96"	70.0	70.0
33"		70.0	70.0
36"		70.0	70.0
39"		70.0	70.0
42"		70.0	70.0
45"		70.0	70.0
48"		70.0	70.0
51"		70.0	70.0
54"		70.0	70.0
57"		70.0	70.0
60"		70.0	70.0
63"		70.0	70.0
66"		70.0	70.0
30"		102"	70.0
33"	70.0		70.0
36"	70.0		70.0
39"	70.0		70.0
42"	70.0		70.0
45"	70.0		70.0
48"	70.0		70.0
51"	70.0		70.0
54"	70.0		70.0
57"	70.0		70.0
60"	70.0		70.0
63"	70.0		70.0
66"	70.0		70.0



Approved as complying with the
Florida Building Code
Date: 09/05/02
NOA# 02-0618-08
Miami Dade Product Control
Division
By: *[Signature]*

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
APR 11 2002

MULLION CAPACITY CHARTS

TO VERIFY GLASS OPTIONS AND CAPACITIES
SEE CHARTS ON SHEETS 3 AND 4.

afc
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
STORE/WO2-14YK

YK AP AMERICA INC.
5630 GWALTNEY DRIVE
ATLANTA, GA. 30336
TEL. (404) 629-3800 FAX (404) 629-3810
YK America

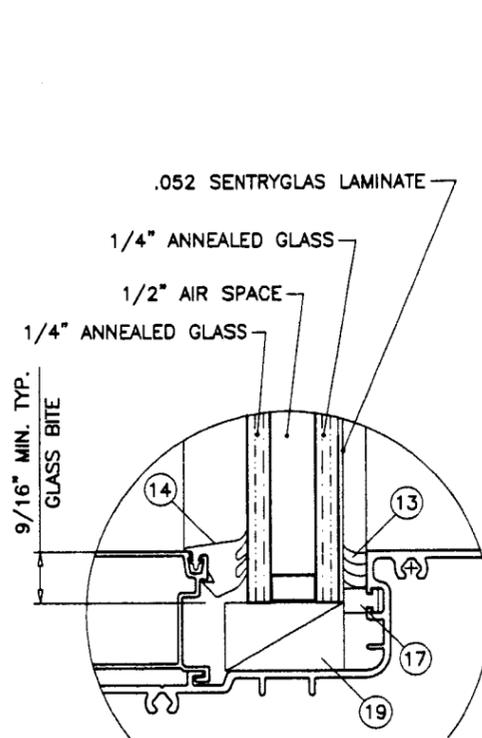
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chk. by:
drawing no.
W02-14
sheet 2 of 7

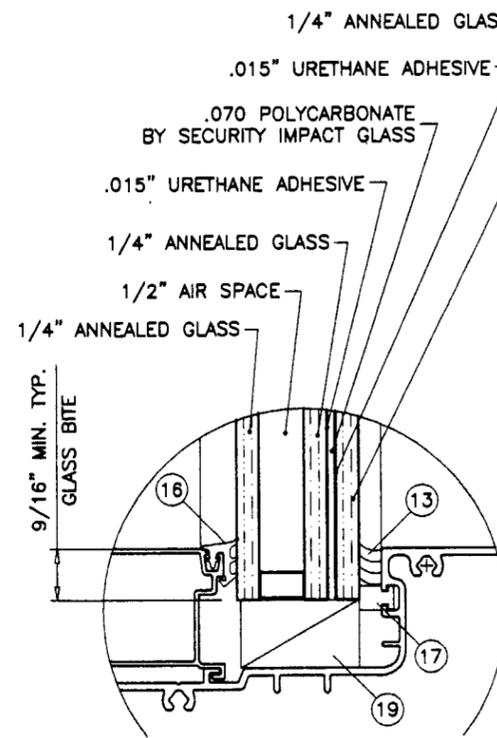
DESIGN LOAD CAPACITY - PSF							
D.L.O. DIMS.		GLASS TYPE 'A'		GLASS TYPE 'C'		GLASS TYPE 'D'	
A/B	A/B	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
60"	30"	70.0	70.0	70.0	70.0	70.0	70.0
63"		70.0	70.0	70.0	70.0	69.7	69.7
66"		70.0	70.0	70.0	70.0	66.9	66.9
69"		70.0	70.0	70.0	70.0	64.0	64.0
72"		70.0	70.0	70.0	70.0	61.2	61.2
63"	36"	70.0	70.0	70.0	70.0	70.0	70.0
66"		70.0	70.0	70.0	70.0	70.0	70.0
69"		70.0	70.0	70.0	70.0	67.3	67.3
72"		64.3	64.3	70.0	70.0	61.4	61.4
60"	42"	70.0	70.0	70.0	70.0	70.0	70.0
63"		70.0	70.0	70.0	70.0	67.4	67.4
66"		67.7	67.7	70.0	70.0	-	-
69"		65.0	65.0	70.0	70.0	-	-
72"		62.3	62.3	70.0	70.0	-	-
57"	48"	70.0	70.0	70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0	-	-
63"		70.0	70.0	70.0	70.0	-	-
66"		68.8	68.8	70.0	70.0	-	-
69"		65.7	65.7	70.0	70.0	-	-
72"		58.1	58.1	70.0	70.0	-	-
48"	54"	70.0	70.0	70.0	70.0	70.0	70.0
51"		70.0	70.0	70.0	70.0	-	-
54"		70.0	70.0	70.0	70.0	-	-
57"		70.0	70.0	70.0	70.0	-	-
60"		69.8	69.8	70.0	70.0	-	-
63"		65.3	65.3	70.0	70.0	-	-
66"		61.6	61.6	70.0	70.0	-	-
45"	60"	70.0	70.0	70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0	-	-
51"		70.0	70.0	70.0	70.0	-	-
54"		69.8	69.8	70.0	70.0	-	-
57"		65.5	65.5	70.0	70.0	-	-
60"		61.4	61.4	70.0	70.0	-	-
30"	66"	70.0	70.0	70.0	70.0	66.9	66.9
33"		70.0	70.0	70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0	70.0	70.0
39"		70.0	70.0	70.0	70.0	67.1	67.1
42"		67.7	67.7	70.0	70.0	-	-
45"		69.8	69.8	70.0	70.0	-	-
48"		68.8	68.8	70.0	70.0	-	-
51"		65.5	65.5	70.0	70.0	-	-
54"	61.6	61.6	70.0	70.0	-	-	
30"	72"	70.0	70.0	70.0	70.0	61.2	61.2
33"		70.0	70.0	70.0	70.0	55.5	55.5
36"		64.3	64.3	70.0	70.0	61.4	61.4
39"		64.6	64.6	70.0	70.0	-	-
42"		62.3	62.3	70.0	70.0	-	-
45"		59.9	59.9	70.0	70.0	-	-
48"	58.1	58.1	70.0	70.0	-	-	
30"	78"	70.0	70.0	70.0	70.0	57.9	57.9
33"		65.2	65.2	70.0	70.0	51.4	51.4
36"		60.3	60.3	70.0	70.0	-	-
39"		56.0	56.0	70.0	70.0	-	-
42"		57.2	57.2	70.0	70.0	-	-
45"	55.4	55.4	70.0	70.0	-	-	

DESIGN LOAD CAPACITY - PSF							
D.L.O. DIMS.		GLASS TYPE 'A'		GLASS TYPE 'C'		GLASS TYPE 'D'	
A/B	A/B	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
30"	84"	69.5	69.5	70.0	70.0	54.8	54.8
33"		62.3	62.3	70.0	70.0	-	-
36"		56.7	56.7	70.0	70.0	-	-
39"		52.7	52.7	70.0	70.0	-	-
42"		49.1	49.1	70.0	70.0	-	-
30"	90"	68.9	68.9	70.0	70.0	54.4	54.4
33"		59.6	59.6	70.0	70.0	-	-
36"		53.8	53.8	70.0	70.0	-	-
39"		49.3	49.3	70.0	70.0	-	-
30"	96"	65.9	65.9	70.0	70.0	-	-
33"		56.2	56.2	70.0	70.0	-	-
36"		50.2	50.2	70.0	70.0	-	-
30"	102"	63.0	63.0	70.0	70.0	-	-
33"		54.5	54.5	70.0	70.0	-	-
30"	108"	63.5	63.5	70.0	70.0	-	-
33"		52.0	52.0	70.0	70.0	-	-
30"	114"	60.8	60.8	70.0	70.0	-	-
30"	120"	62.1	62.1	70.0	70.0	-	-

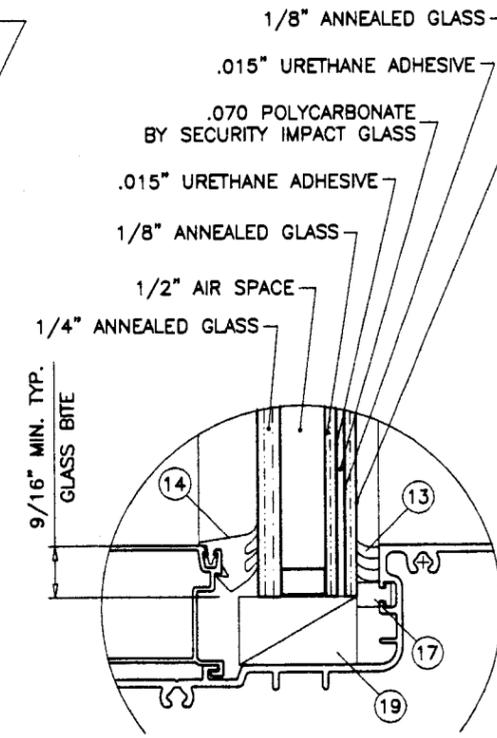
FOR ANY GLASS TYPE VERIFY MULLION CAPACITY BY CONSULTING CHARTS ON SHEET 2.



GLASS TYPE 'A'
1" THICK NOMINAL



GLASS TYPE 'C'
1-5/16" THICK NOMINAL

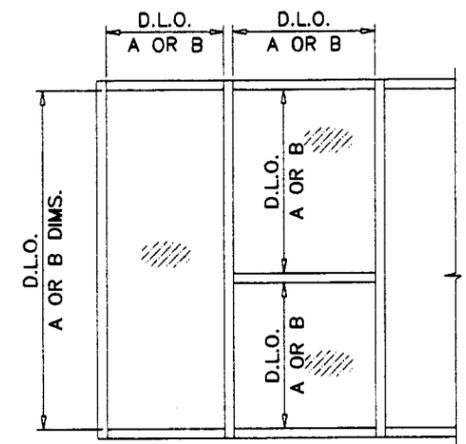


GLASS TYPE 'D'
1-1/16" THICK NOMINAL

Approved as complying with the Florida Building Code
Date: 09/05/02
NOA# 02-0618.08
Miami Date Product Control
Division
By: *[Signature]*

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

APR 30 2002



GLASS CHARTS

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

YKK AP AMERICA INC.
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revisions:
no. date by description

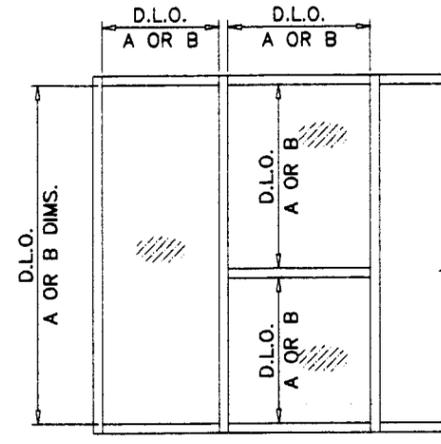
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W02-14

sheet 3 of 7

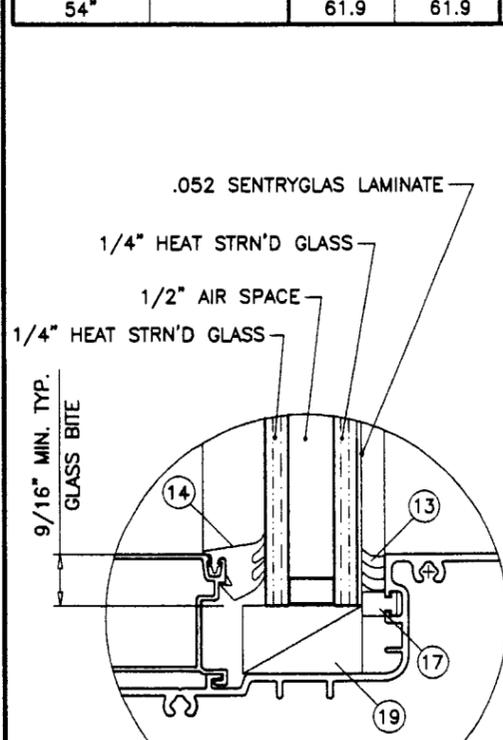
DESIGN LOAD CAPACITY - PSF					
D.L.O. DIMS.		GLASS TYPE 'B'		GLASS TYPE 'E' & 'F'	
A/B	A/B	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
60"	96"	70.0	70.0	70.0	70.0
63"		70.0	70.0	70.0	70.0
66"		70.0	70.0	70.0	70.0
57"	102"	70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
63"		70.0	70.0	70.0	70.0
51"	108"	70.0	70.0	70.0	70.0
54"		70.0	70.0	70.0	70.0
57"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
42"	114"	70.0	70.0	70.0	70.0
45"		68.0	68.0	70.0	70.0
48"		68.8	68.8	70.0	70.0
51"		67.0	67.0	70.0	70.0
54"		65.2	65.2	70.0	70.0
39"	120"	70.0	70.0	70.0	70.0
42"		69.5	69.5	70.0	70.0
45"		65.2	65.2	70.0	70.0
48"		61.6	61.6	70.0	70.0
51"		63.4	63.4	70.0	70.0
54"		61.9	61.9	70.0	70.0

DESIGN LOAD CAPACITY - PSF			
D.L.O. DIMS.		GLASS TYPE 'G' & 'H'	
A/B	A/B	EXT. (+)	INT. (-)
69"	72"	50.0	50.0
72"		50.0	50.0
63"	78"	50.0	50.0
66"		50.0	50.0
57"	84"	50.0	50.0
60"		50.0	50.0
54"	90"	50.0	50.0
57"		50.0	50.0
51"	96"	50.0	50.0
54"		50.0	50.0
45"	102"	50.0	50.0
48"		50.0	50.0
45"	108"	50.0	50.0
48"		50.0	50.0
42"	114"	50.0	50.0
45"		50.0	50.0
39"	120"	50.0	50.0
42"		50.0	50.0

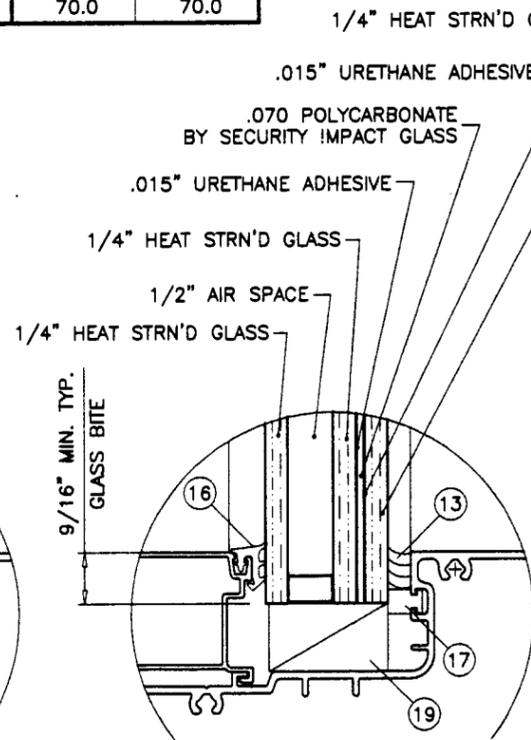


GLASS CHARTS

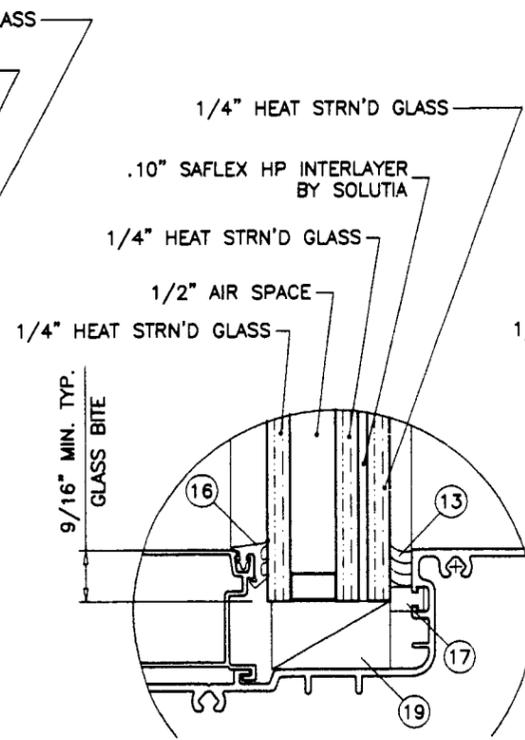
FOR ANY GLASS TYPE VERIFY MULLION CAPACITY BY CONSULTING CHARTS ON SHEET 2.



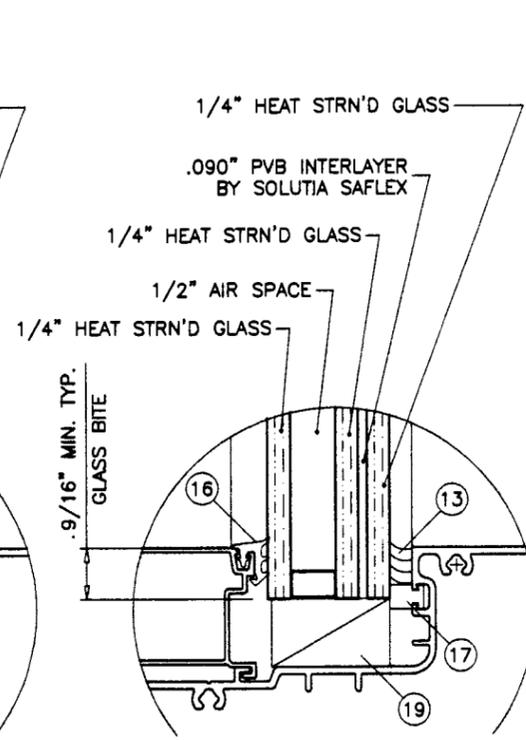
GLASS TYPE 'B'
1" THICK NOMINAL



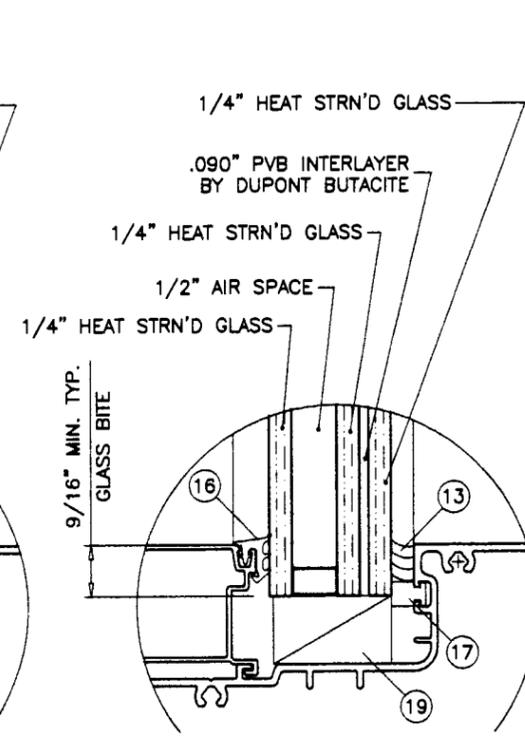
GLASS TYPE 'E'
1-5/16" THICK NOMINAL



GLASS TYPE 'F'
1-5/16" THICK NOMINAL



GLASS TYPE 'G'
1-5/16" THICK NOMINAL



GLASS TYPE 'H'
1-5/16" THICK NOMINAL

Approved as complying with the
Florida Building Code
Date 09/05/02
NOA# 02-0618.0B
Miami Dade Product Control
Division
By *[Signature]*

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
APR 30 2002
[Signature]

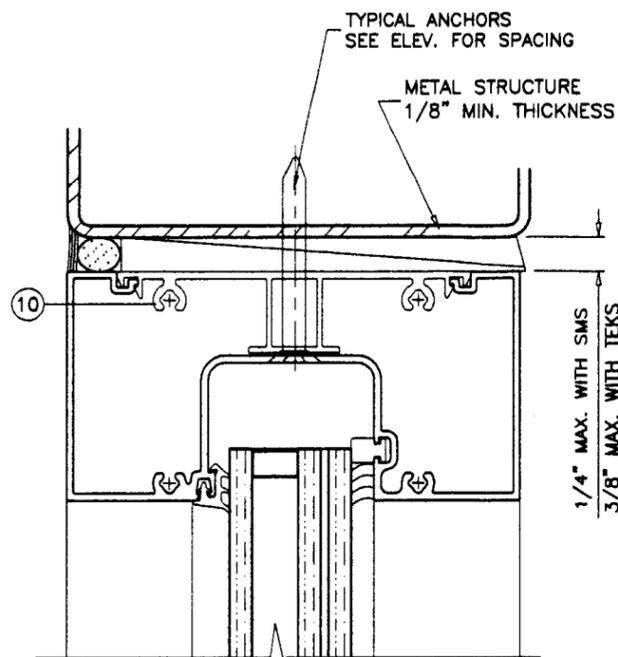
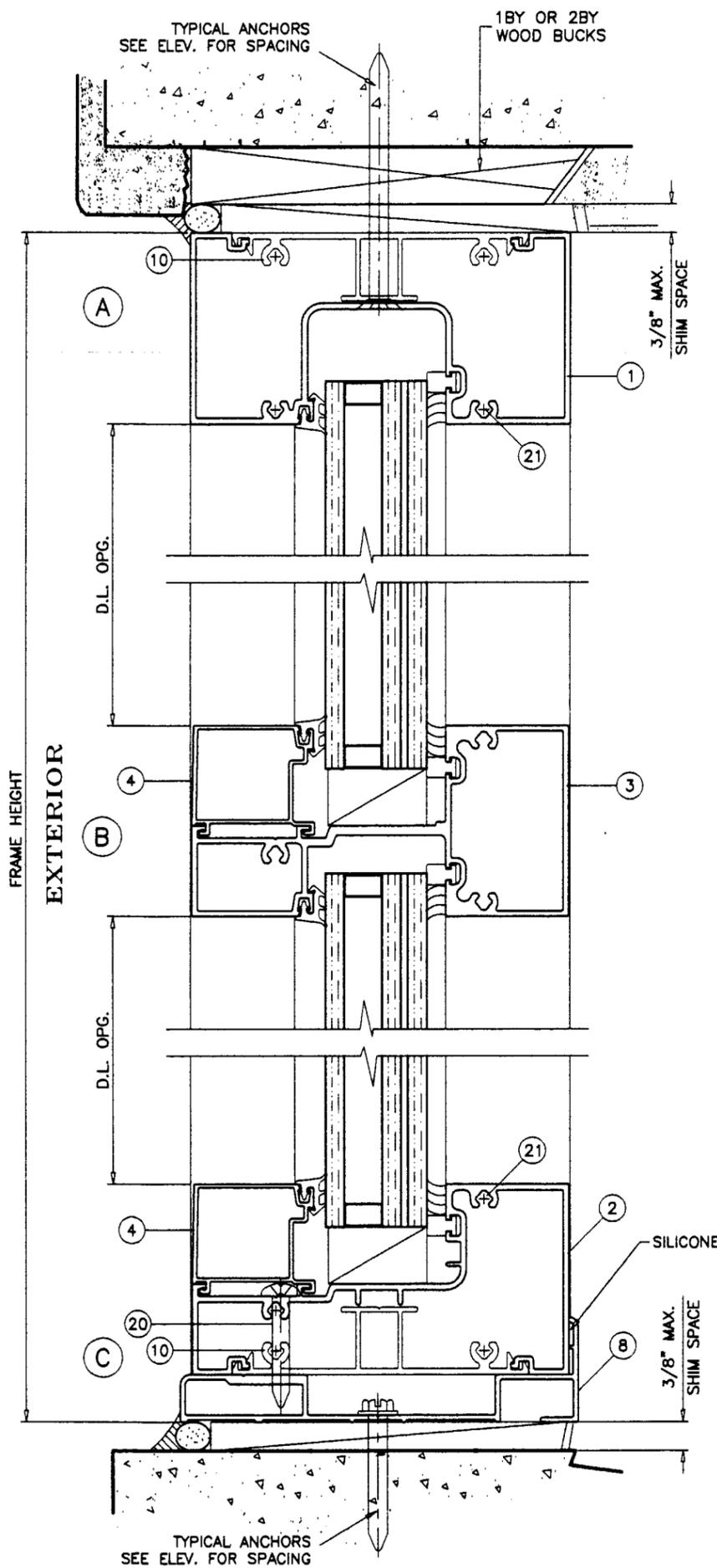
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

YKK AP AMERICA INC.
5630 GWALTNEY DRIVE
ATLANTA, GA. 30336
TEL(404) 629-3900 FAX(404) 629-3810

no.	date	description

date: 02-19-02
scale: 1/2" = 1"
dr. by: HAMID
chk. by: *[Signature]*

drawing no.
W02-14
sheet 4 of 7



ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E9-0651	AS REQD.	FRAME HEAD	6063-T5	-
2	E9-0652	AS REQD.	FRAME SILL	6063-T5	-
3	E9-0653	AS REQD.	FRAME HORIZONTAL	6063-T5	-
4	E9-0658	AS REQD.	GLAZING STOP	6063-T5	-
5	E9-0651	AS REQD.	FRAME JAMB	6063-T5	-
6	E9-0651	AS REQD.	STANDARD MULLION	6063-T5	-
6A	E9-0654	AS REQD.	HEAVY DUTY JAMB/MULLION	6063-T5	-
7	E9-0655	AS REQD.	POCKET FILLER	6063-T5	-
8	E9-0616	AS REQD.	SILL FLASHING	6063-T5	-
9	-	-	-	-	-
10	E1-1073	AS REQD.	ANCHOR PLATE	6063-T5	-
11	-	-	-	-	-
12	-	-	-	-	-
13	DOW 995	AS REQD.	GLAZING COMPOUND	SILICONE	-
14	E2-0081	AS REQD.	EXTERIOR GLAZING GASKET	EPDM	FOR 1" GLASS
15	-	-	-	-	-
16	E2-0083	AS REQD.	EXTERIOR GLAZING GASKET	EPDM	FOR 1-5/16" GLASS
17	E2-0084	AS REQD.	INTERIOR SILICONE SPACER	EPDM	1/4" X 1/4"
18	E2-0096	AS REQD.	SIDE BLOCK	EPDM	-
19	E2-0095	AS REQD.	SETTING BLOCK	EPDM	-
20	PC-1424	AS REQD.	#14 X 1-1/2" SMS	STEEL	FOR SILL
21	PC-1220	AS REQD.	#12 X 1-1/4" SMS	STEEL	FOR SCREW SPLINE

WOOD BUCKS AND METAL STRUCTURES NOT BY YKK INC. MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

ALL FRAME CORNERS AND INSTALLATION SCREWS AT SILL SEALED WITH SILICONE SEALANT.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- A) **3/8" DIA TAPPERS**
 INTO WOOD STRUCTURES
 WITH 1-3/4" MIN. PENETRATION INTO WOOD
 THRU WOOD BUCKS INTO MASONRY
 WITH 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- B) **3/8" DIA TAPPERS**
 DIRECTLY INTO MASONRY
 WITH 1-1/4" MIN. EMBED INTO MASONRY
- C) **3/8" DIA LAG SCREWS OR #24 WOOD SCREWS**
 INTO WOOD STRUCTURES
 WITH 2-3/8" MIN. PENETRATION INTO WOOD
- D) **#14 SMS OR SELF DRILLING (TEKS) SCREWS**
 INTO METAL STRUCTURES
 (STEEL OR ALUMINUM 1/8" MIN. THICK.)
 STEEL : Fy = 36 KSI MIN.
 ALUMINUM : 6063-T5 MIN.

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 Miami Dade Product Control Division
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Engr. DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
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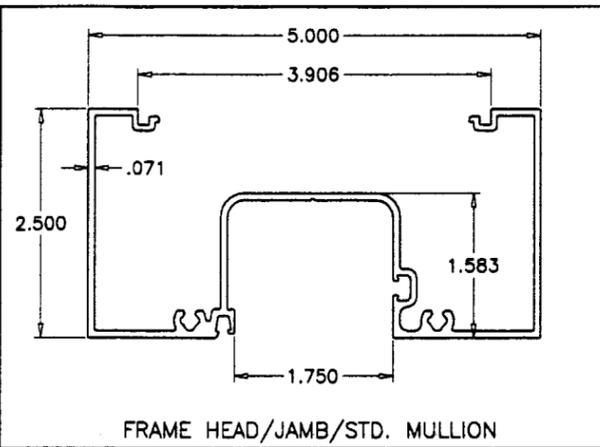
YHS-50 F-1 ALUM FLUSH GLAZE STOREFRONT SYS. (L.M.)

revisions:
 no date by description

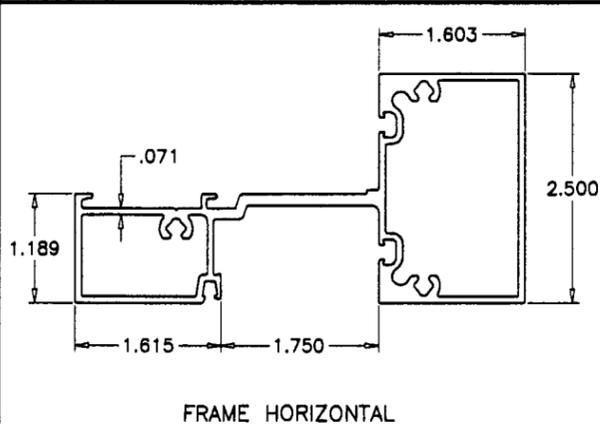
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 chk. by:

drawing no.
W02-14

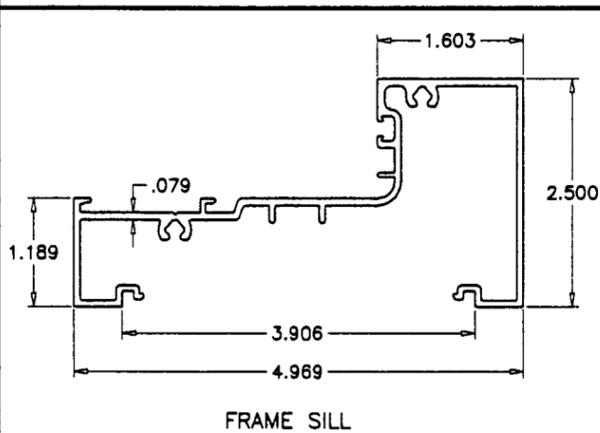
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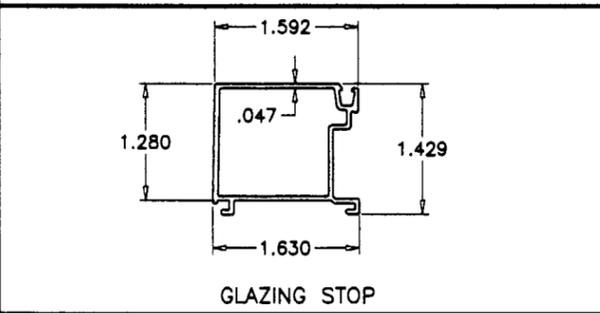
FRAME HEAD/JAMB/STD. MULLION



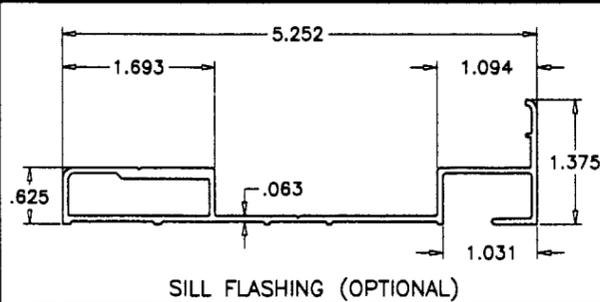
FRAME HORIZONTAL



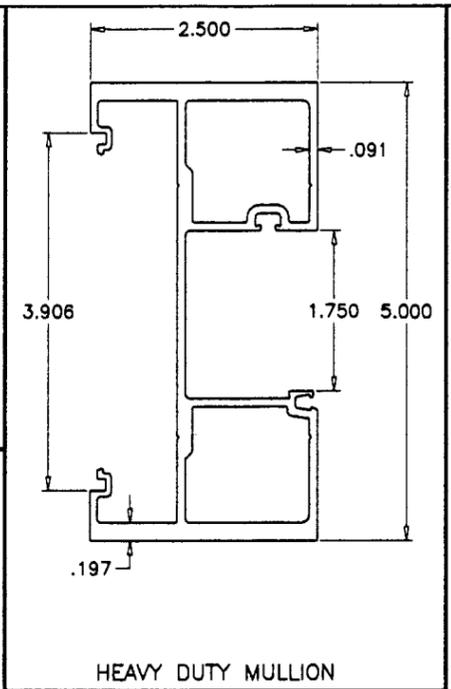
FRAME SILL



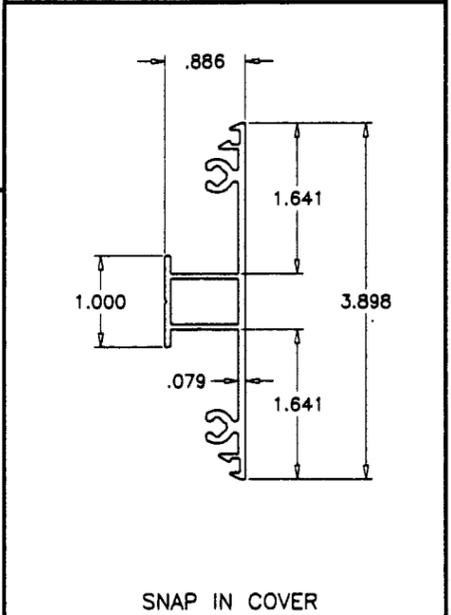
GLAZING STOP



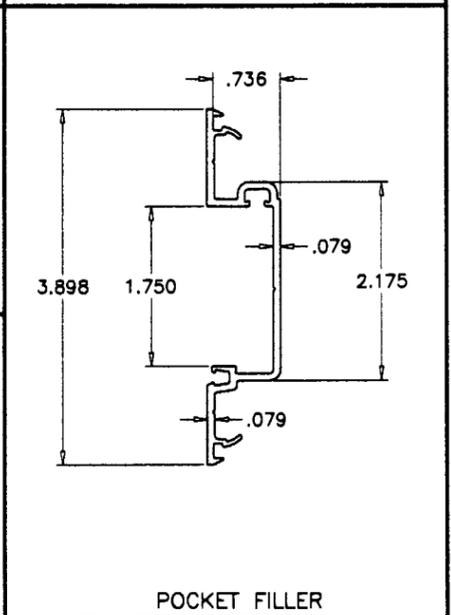
SILL FLASHING (OPTIONAL)



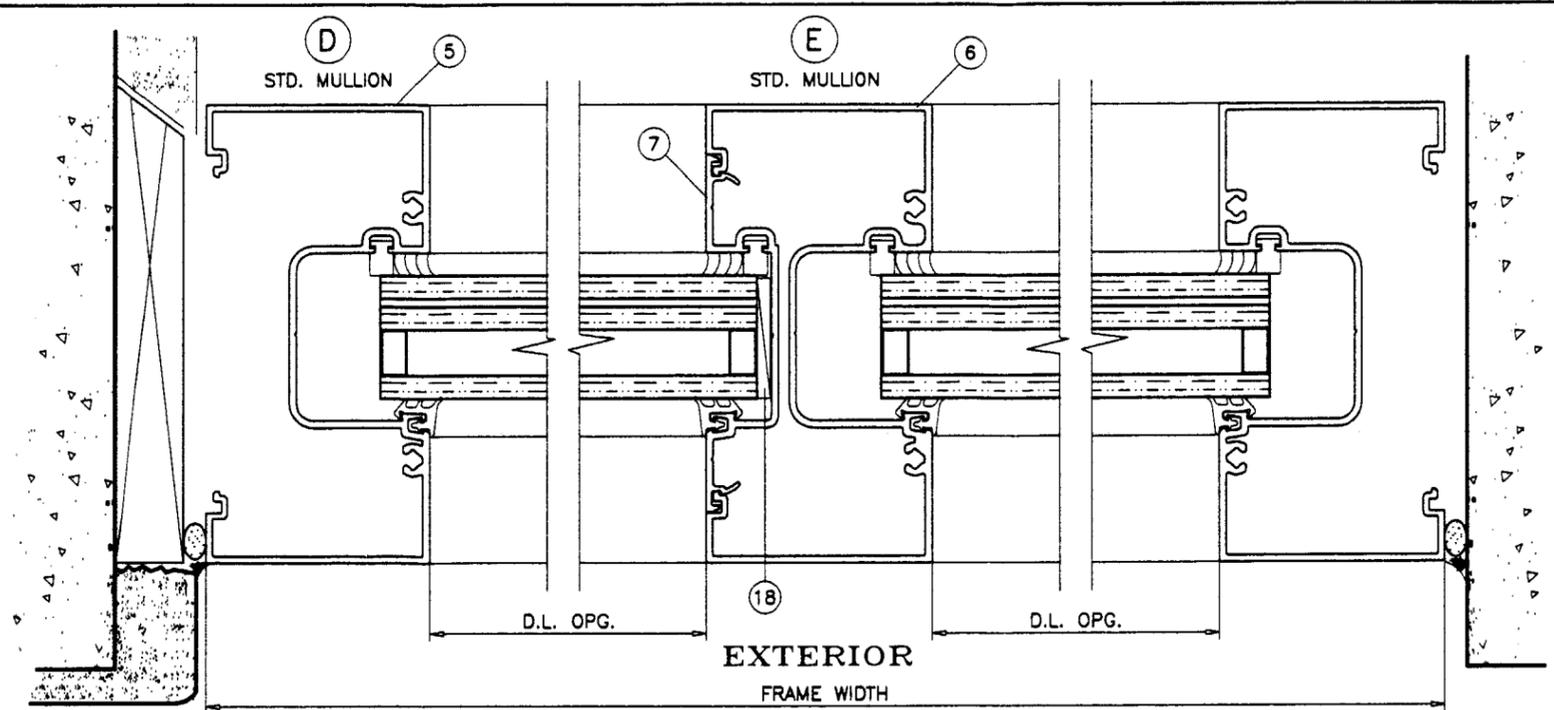
HEAVY DUTY MULLION



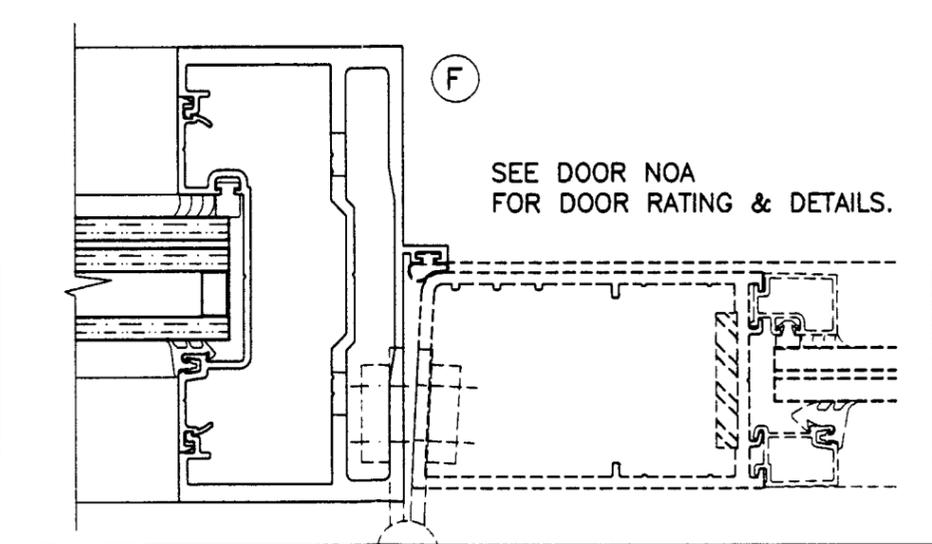
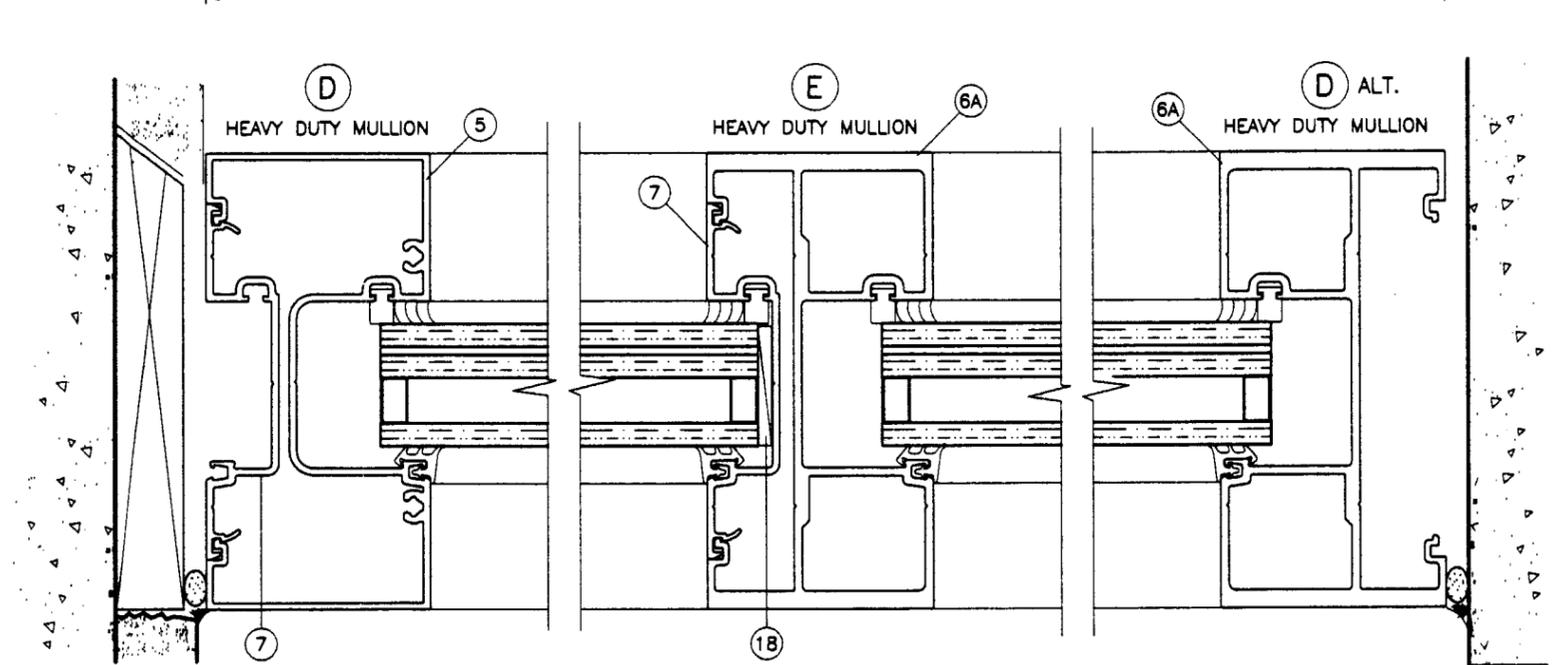
SNAP IN COVER



POCKET FILLER



EXTERIOR FRAME WIDTH



SEE DOOR NOA FOR DOOR RATING & DETAILS.

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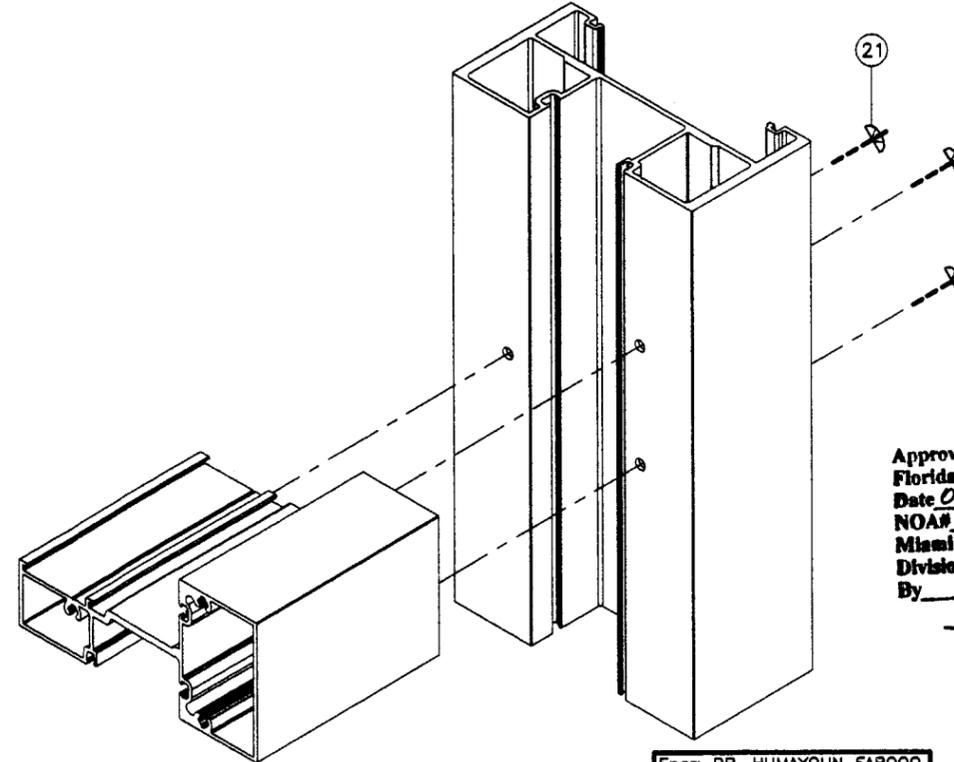
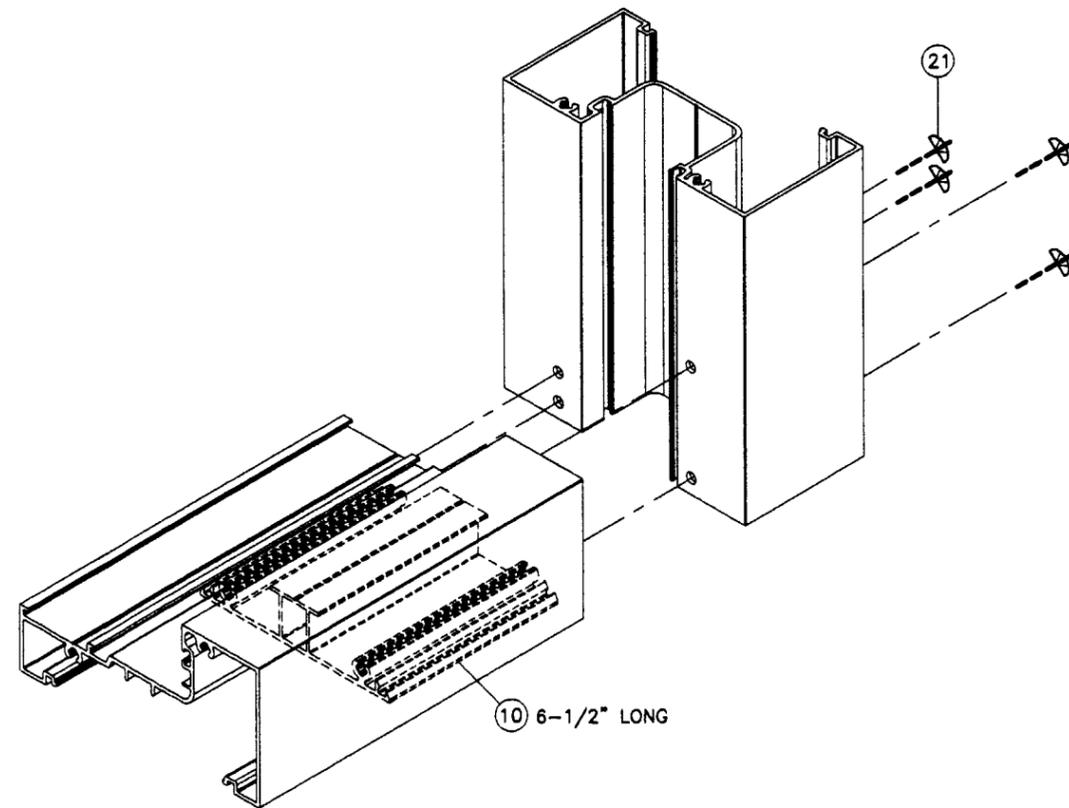
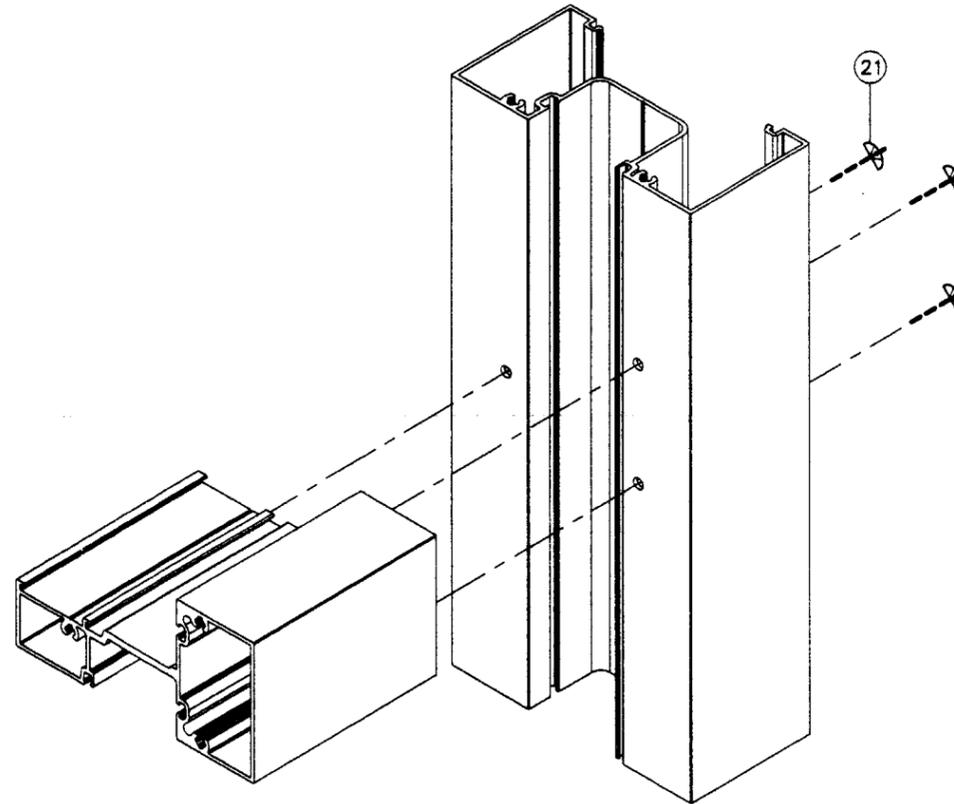
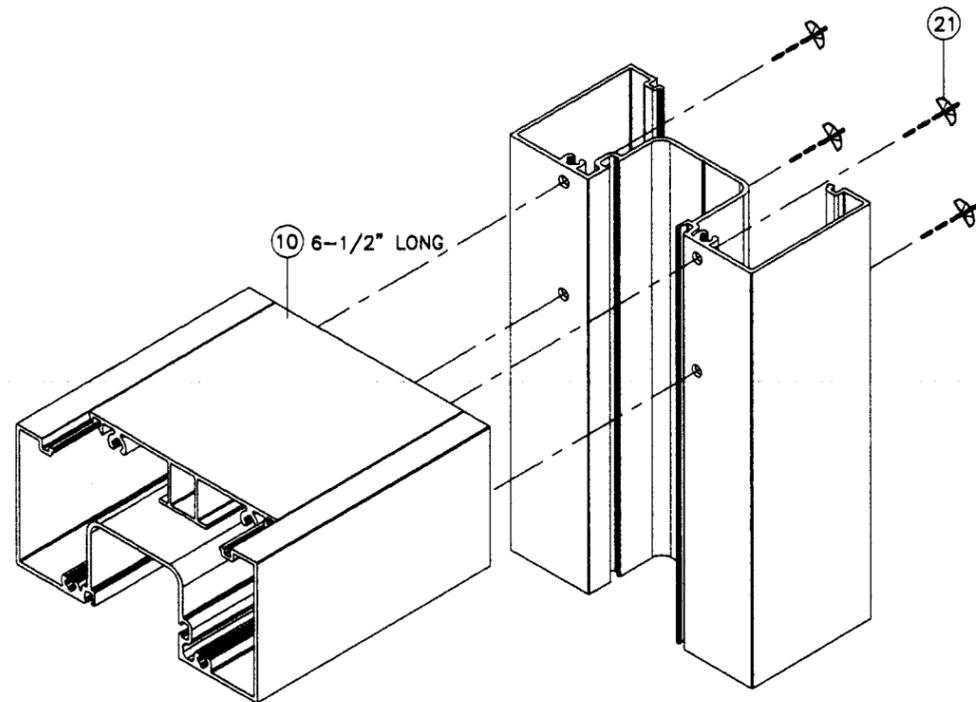
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 STRUCTURES
 FLA. PE # 16557
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 sheet 6 of 7



FRAME CORNERS

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 Miami Date Product Control
 Division
 By Juan

Engr: DR. HUMAYOUN FAROOQ
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 // APR 30 2002

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YHS-50 F-I ALUM FLUSH GLAZE STOREFRONT SYS. (LM.)
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YKK America

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drawing no.
W02-14

sheet 7 of 7