



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26th Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

Kawneer Company, Inc.
555 Guthridge Court
Norcross, Georgia 30092

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 and accepted by the Board of Rules and Appeals (BORA) 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. BORA 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 "350IR" Outswing Dry Glazed Aluminum Storefront Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1695, titled "350IR Outswing Aluminum Storefront Doors-L.M.I. Dry Glazed", sheets I thru 9 of 9, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 11/10/2005 and latest revised on, 03/23/2011, signed and sealed by Warren W. Schaefer, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series and following statement: "Miami-Dade County Product Control Approved" unless otherwise noted herein.

REVISION 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 **renews and revises NOA No. 09-0930.11** and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
3/31/11

NOA No. 11-0228.05
Expiration Date: February 08, 2017
Approval Date: April 7, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

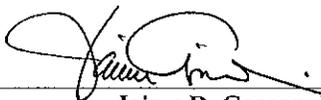
1. Manufacturer's die drawings and sections.
2. Drawing No **1695**, titled "350IR Outswing Aluminum Storefront Doors-- L.M.I. Dry Glazed", sheets 1 thru 9 of 9, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 11/10/2005 and latest revised on, 03/23/2011, signed and sealed by Warren W. Schaefer, P. E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
Along with marked-up drawings and installation diagram of aluminum outswing door and outswing door w/ storefront, prepared by Hurricane Testing Laboratory, LLC, Test Report No. **HTL-G049-0805.10**, dated 10/26/10, signed and sealed by Vinu J. Abraham, P. E.
2. Test reports on: 1) ASTM D412C Tensile Test 30HRS passed 1340 PSI and 1200PSI;
2) ASTM D395B Compression Set 22 HRS with 100°C passed 24.8% ≤ 30%;
3) ASTM D2240 Shore A Hardness passed 70A ≤ 70 (+5) durometer;
4) ASTM D1149 Ozone Resistance 100 HR/ 40°F/ 20% strain/ 100 pphm NO Cracks;
5) ASTM D573 Heat Resistance 70 HR/ 100°C passed:
Tensile -1% ≤ 15%, Elongation -37% ≤ 40%, Hardness 6 ≤ 10 and 7PSI ≤ 10PSI;
6) ASTM D925 Migration Staining 7 day's exposure passed None Migration;
7) ASTM D624C Tear Test passed 135 pli ≥ 100 pli;
along with marked-up drawings and installation diagram of neoprene's wedge, sponge and setting blocks by Tremco, Inc., prepared by Excel Polymers, LLC (A2LA No. 0121.01), Test Report No. **EP 67286**, dated February 16, 2009, signed by John Quinn.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated March 21, 2011, prepared, signed and sealed by Warren W. Schaefer, P. E.
Complies with ASTM E1300-02/ 04



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-0228.05
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Kawneer Company, Inc.

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D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **10-0413.04** issued to E. I. DuPont DeNemours and Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/26/2010, expiring on 01/14/12.

F. STATEMENTS

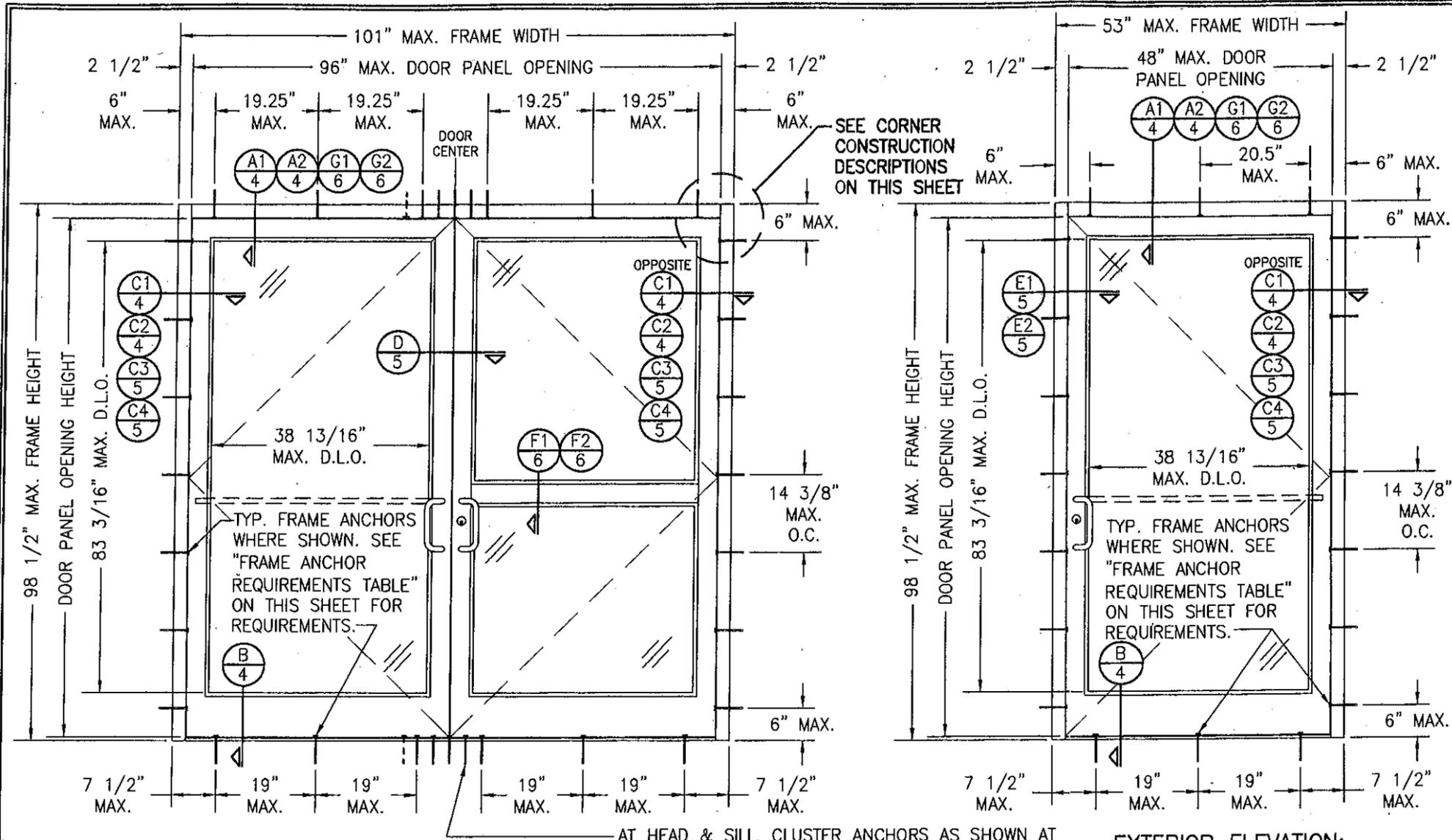
1. Statement letter of conformance and compliance with the FBC-2007, dated February 14, 2011, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of no financial interest and independent, dated February 14, 2011, signed and sealed by Warren W. Schaefer, P. E.
3. Laboratory compliance letter for Test Report No. **HTL-G049-0805.10**, issued by Hurricane Test Laboratory, LLC, dated 10/26/10, signed and sealed by Vinu J. Abraham, P. E.
4. Laboratory compliance letter for Test Report No. **EP-67286**, issued by Excel Polymers, LLC (A2LA No. 0121.01), dated 07/01/09, dated February 16, 2009, signed by John Quinn.

G. OTHERS

1. Notice of Acceptance No. **09-0930.11**, issued to Kawneer Company, Inc. for their Series "350IR Outswing Aluminum Storefront Door-L.M.I.", approved on 03/24/10 and expiring on 02/08/12.



Jaime D. Gascon, P. E.
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**EXTERIOR ELEVATION:
DOUBLE DOOR ASSEMBLY WITH
STORE FRONT FRAMING**
SCALE: 1/2"=1'-0"

**EXTERIOR ELEVATION:
SINGLE DOOR ASSEMBLY WITH
STORE FRONT FRAMING**
SCALE: 1/2"=1'-0"

AT HEAD & SILL, CLUSTER ANCHORS AS SHOWN AT MEETING STILE ENDS SPACED 3" APART. CLUSTER 6 ANCHORS WITH ANCHOR TYPE A; CLUSTER 5 ANCHORS WITH ANCHOR TYPES B, C, D & F (ANCHOR "E" IS NOT APPLICABLE AT HEAD & SILL).

FRAME ANCHOR REQUIREMENTS TABLE				
FRAME & SILL ANCHORS				
ANCHOR TYPE	OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
A	2X WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS SCREW	1 1/4"	3/4"
B	MIN. 16 GA. 50 KSI METAL STUD	(2) NO. 12 SELF DRILL/TAPPING SCREW	FULL	1/2"
C	MIN. 0.22" THICK A36 STEEL	(2) 1/4-20 SELF DRILL/TAPPING SCREW	FULL	1/2"
D	MIN. 3000 P.S.I. CONCRETE	(1) 1/4" CONCRETE SCREW	1 3/4"	2 1/2"
E	MIN. C90 CONCRETE FILLED BLOCK	(1) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"
F	CURTAIN WALL	(2) 1/4-20 SELF DRILL/TAPPING SCREW	FULL	1/2"

(1) CONCRETE SCREWS SHALL BE ELCO TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).
(2) SELF DRILLING & SELF TAPPING SCREWS SHALL BE MIN. GRADE 5 CORROSION RESISTANT STEEL

ALLOWABLE DESIGN PRESSURE

(1)(2) +/-70 PSF

(1) WHEN VON DUPRIN 9947 PANIC DEVICE (ITEM #50) IS USED THE ALLOWABLE DESIGN PRESSURE IS RESTRICTED TO MAX. +/-40 PSF.
(2) WHEN SARGENT 8400 PANIC DEVICE (ITEM #47) IS USED THE ALLOWABLE DESIGN PRESSURE IS RESTRICTED TO MAX. +/-65 PSF.

(* THESE DOORS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED BY THE DOOR. UNLESS UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION, UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG WHERE-BY THE OVERHANG(OH) RATIO IS EQUAL TO OR MORE THAN 1.0 PER FBC CHAPTER 24.

CORNER & FRAME END CONSTRUCTION FOR SHEET 1 ELEVATIONS:

FRAME HEAD CORNER (IR500/501 FRAME): HEAD IS SQUARE CUT, BUTTED TO SIDE, FASTENED WITH THREE (3) NO. 12 X 1" S.S. PHTFS FASTENERS THROUGH THE SIDE MEMBER INTO THE HEAD MEMBER SCREW SPLINES & SEALED WITH SILICONE.

FRAME HEAD CORNER (TRIFAB 450/451 FRAME): HEAD IS SQUARE CUT, BUTTED TO SIDE, SECURED WITH SHEAR BLOCK ITEM# 16 (SEE SECTION G/5 & M/6) & SEALED WITH SILICONE.

FRAME SILL CORNER: SILL IS SQUARE CUT, BUTTED TO SIDE, SECURED TO THE SIDE MEMBER USING A PIVOT ASSEMBLY OR STEEL CLIP, FASTENED WITH THREE (3) NO. 12-24 X 3/8" FHMS AT THE FRAME & TWO (2) NO. 12-24 X 3/8" FHMS AT THE SILL, & SEALED WITH SILICONE.

DOOR PANEL CORNERS: VERTICAL STILES RUN THROUGH AND ARE SECURED TO THE RAILS AT THE TOP & BOTTOM WITH 1/4" THICK EXTRUDED CHANNELS. EACH CHANNEL IS FASTENED TO THE STILE & RAIL WITH 1/4-20 X 3/4" PHMS & 3/16" THICK STEEL NUT PLATES. THE INTERSECTION OF EACH CORNER JOINT WAS WELDED WITH A 1/2" DIA. PLUG WELD AND A 1 1/8" LONG FILLET WELD AT BOTH WEBS OF THE RAIL.

MIDRAIL ENDS: SECURED TO THE VERTICAL RAILS WITH 4 EACH 1 1/8" LONG FILLET WELDS

GENERAL NOTES:

- THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
- OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
- THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
- ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
- DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF Kd = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.
- NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR WOOD SCREW ANALYSIS ONLY.
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

DRAWN BY: W.R.N.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 02/11/11
DATE	
BY	
REVISION DESCRIPTION	
NO.	

DRAWING TITLE: 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI DRY GLAZED

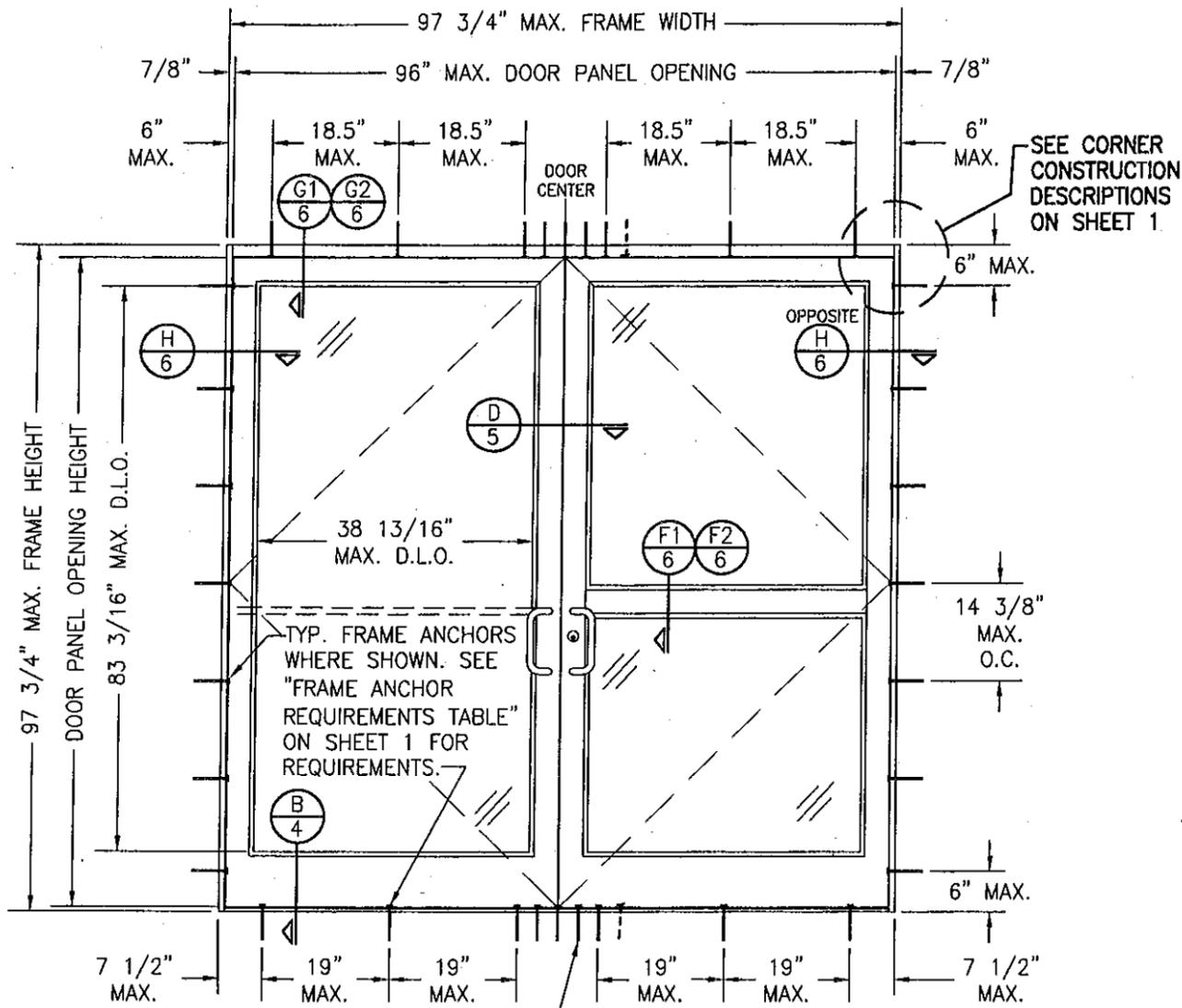
MANUFACTURER:
KAWNEER COMPANY, INC.
555 GUTHRIE COURT
NORCROSS, GA 30092
770-449-5555

CONSULTANTS:
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH, 33418
PALM BEACH GARDENS, FL
PHONE: 561-744-3424



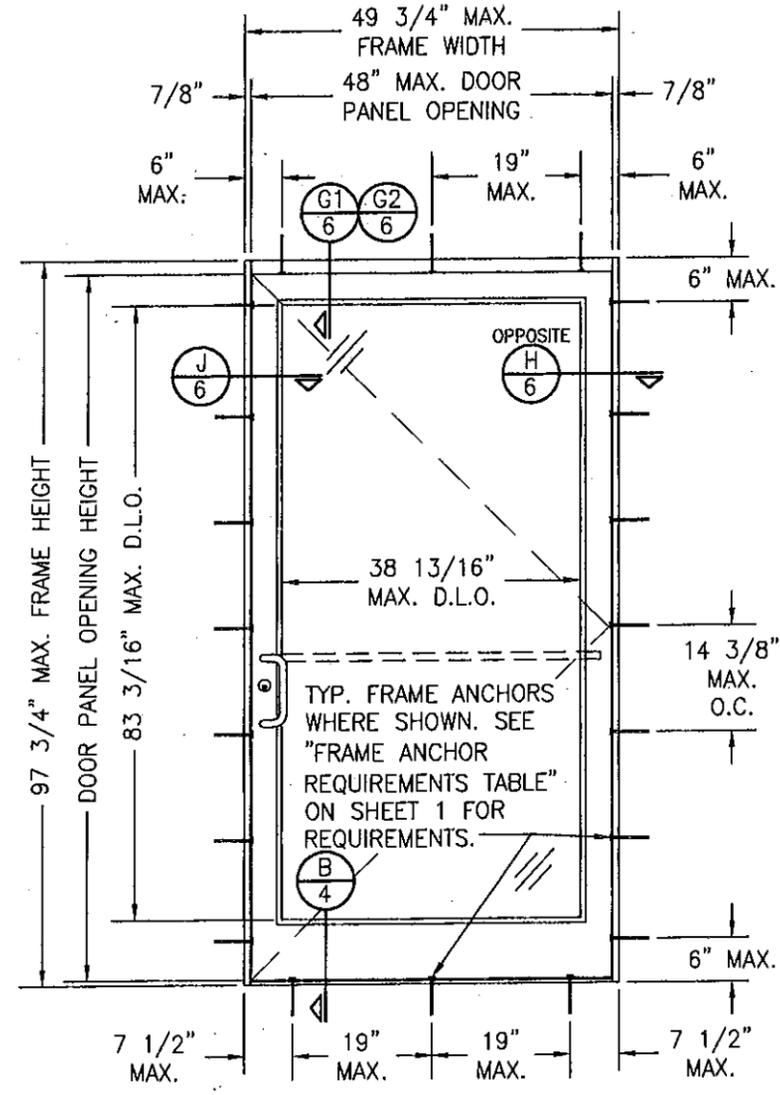
PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 11-0228.05
Expiration Date 02/08/2017
By: [Signature]
Miami Dade Product Control

CERTIFICATION	MAR 29 2011
DRAWING NO.	1695
REV.	
SHEET NO.	1 OF 9



**EXTERIOR ELEVATION:
DOUBLE DOOR ASSEMBLY WITH
STANDARD FRAMING**
SCALE: 1/2"=1'-0"

AT HEAD & SILL, CLUSTER ANCHORS AS SHOWN AT MEETING STILE ENDS SPACED 3" APART. CLUSTER 6 ANCHORS WITH ANCHOR TYPE A; CLUSTER 5 ANCHORS WITH ANCHOR TYPES B, C, D & F (ANCHOR "E" IS NOT APPLICABLE AT HEAD & SILL).



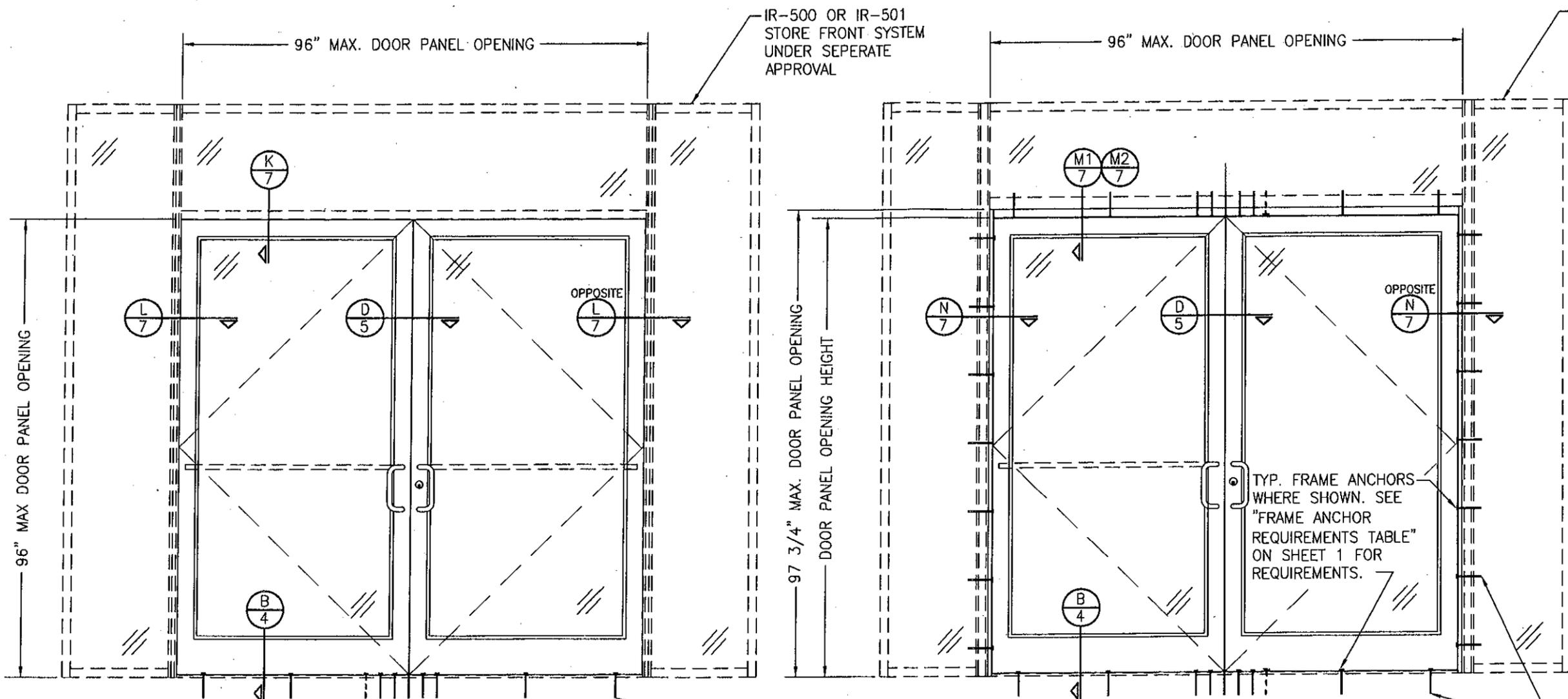
**EXTERIOR ELEVATION:
SINGLE DOOR ASSEMBLY WITH
STANDARD FRAMING**
SCALE: 1/2"=1'-0"

ALLOWABLE DESIGN PRESSURE
SEE SHEET 1

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-0228.05
Expiration Date 02/08/2017
By: [Signature]
Miami Dade Product Control



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 02/11/11
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI DRY GLAZED	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555
CERTIFICATION MAR 23 2011	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1695	REV.
SHEET NO. 2 OF 9	



EXTERIOR ELEVATION:
DOORS INSIDE IR-500 OR IR-501 STORE FRONT SYSTEM
 SCALE: 1/2"=1'-0"

- NOTES:**
1. FOR DETAILS NOT SHOWN, SEE ELEVATIONS ON SHEET 1.
 2. DOUBLE DOOR SHOWN; SINGLE DOOR CONDITION ALSO APPLIES.
 3. FOR STORE FRONT FRAMING REQUIREMENTS & INSTALLATION, SEE RESPECTIVE STORE FRONT APPROVAL.
 4. LESSER ALLOWABLE PRESSURE RATING OF THE DOORS & STOREFRONT SHALL CONTROL FOR THE OVERALL ASSEMBLY.

SEE ELEVATION SHEET 1 FOR SILL ANCHOR REQUIREMENTS & ANCHOR LOCATIONS

ALLOWABLE DESIGN PRESSURE
 SEE SHEET 1

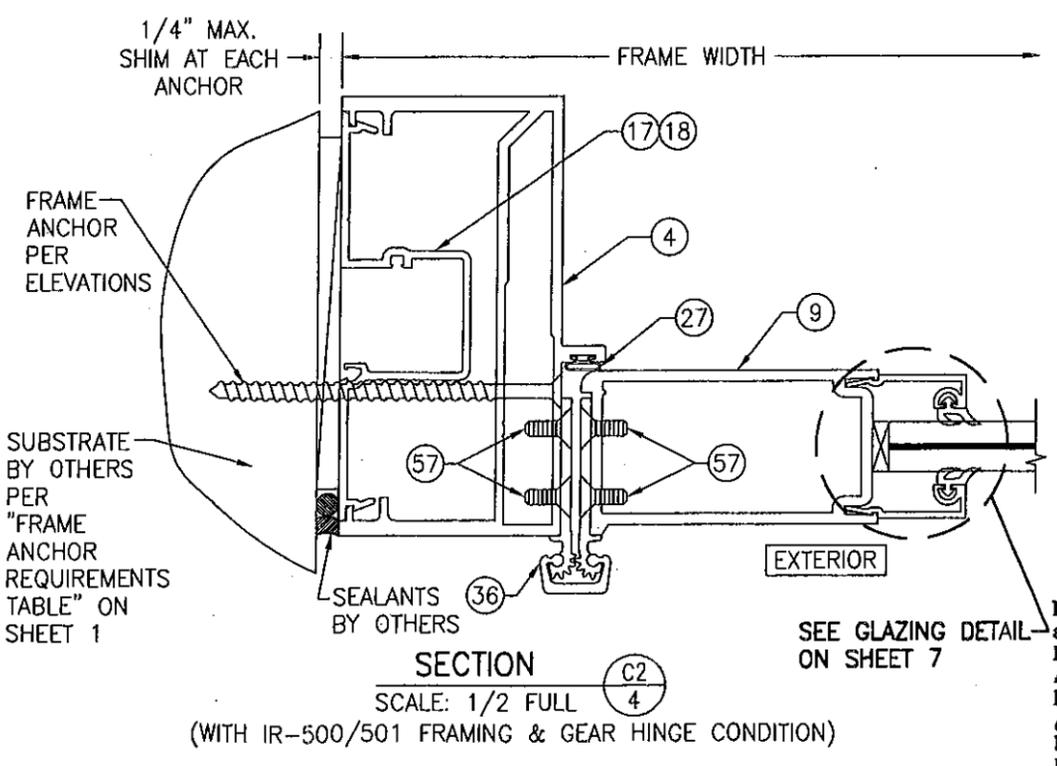
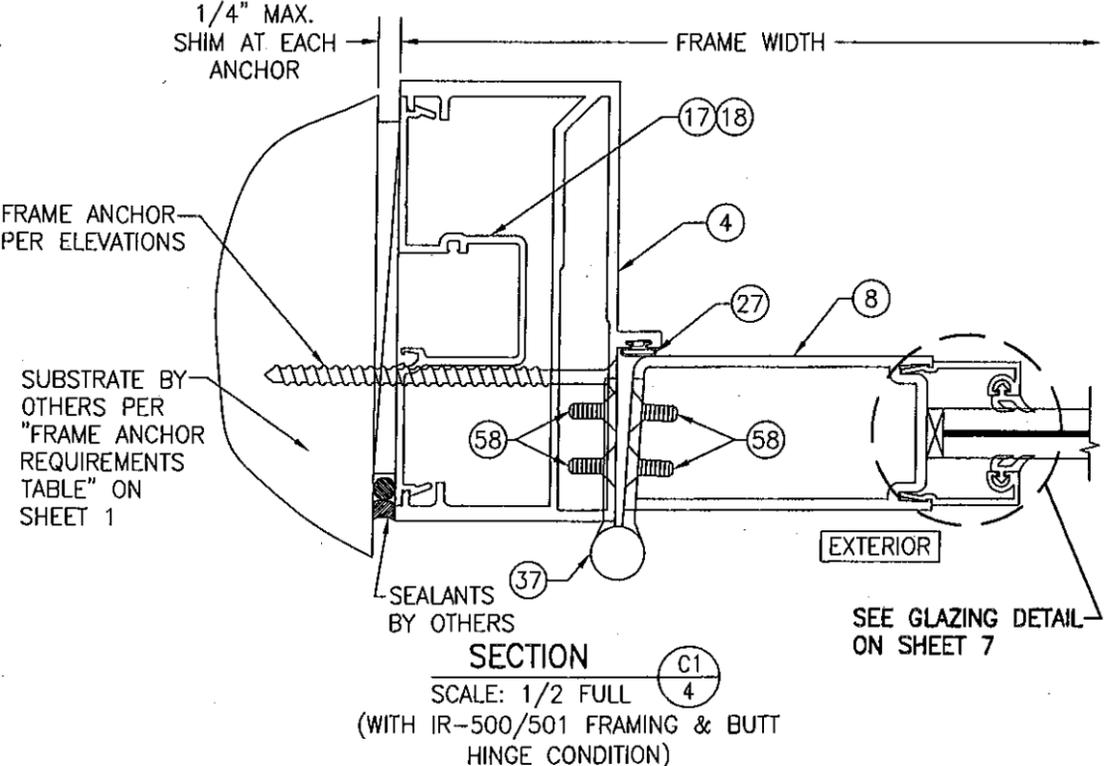
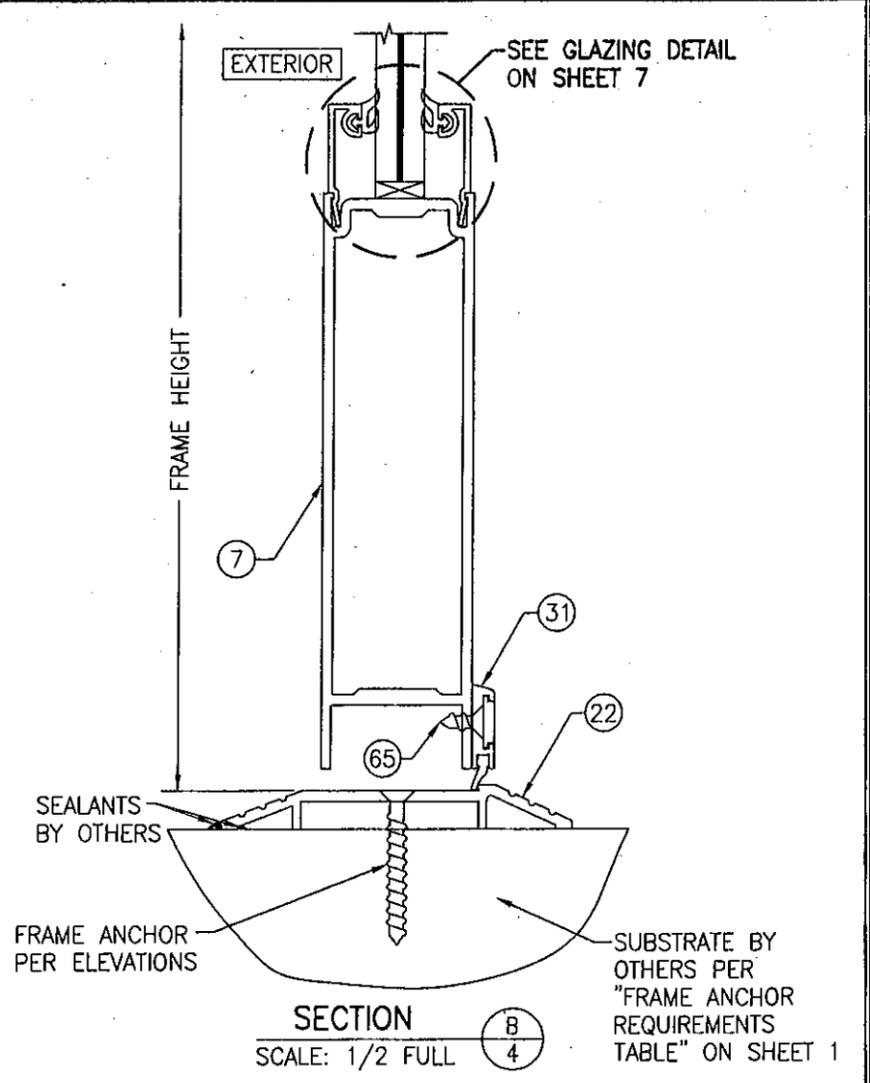
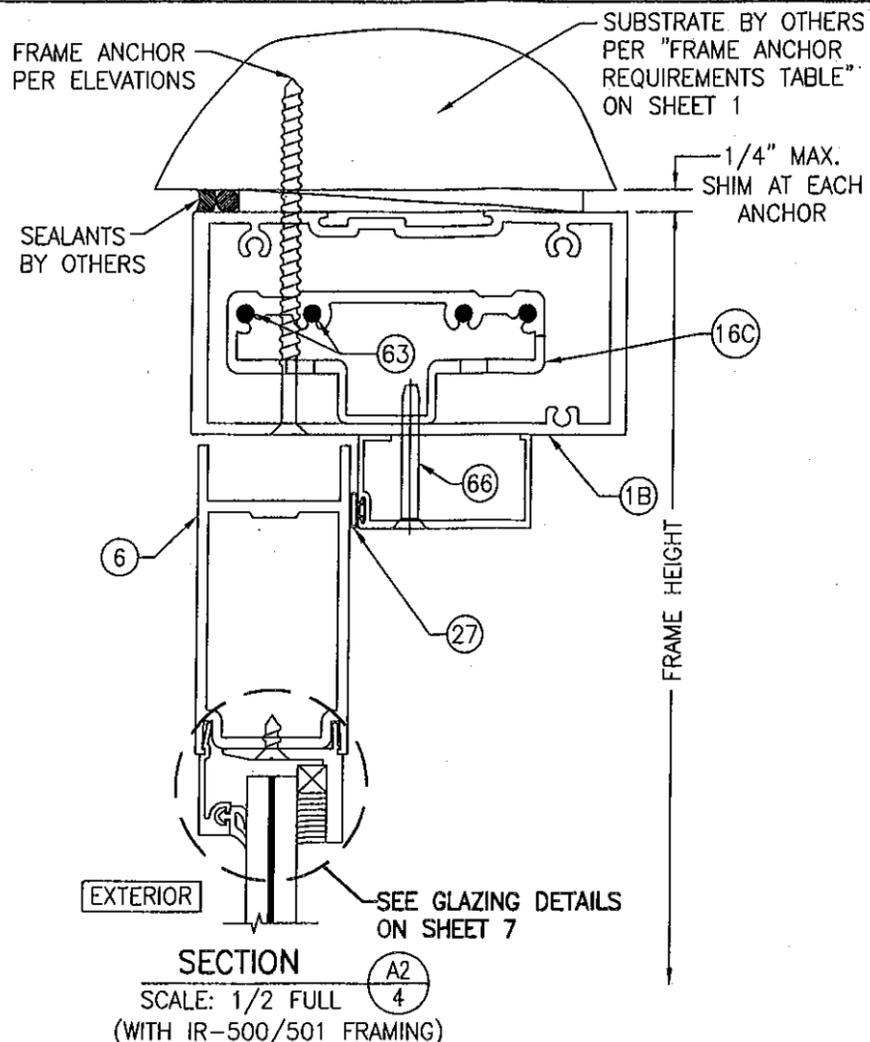
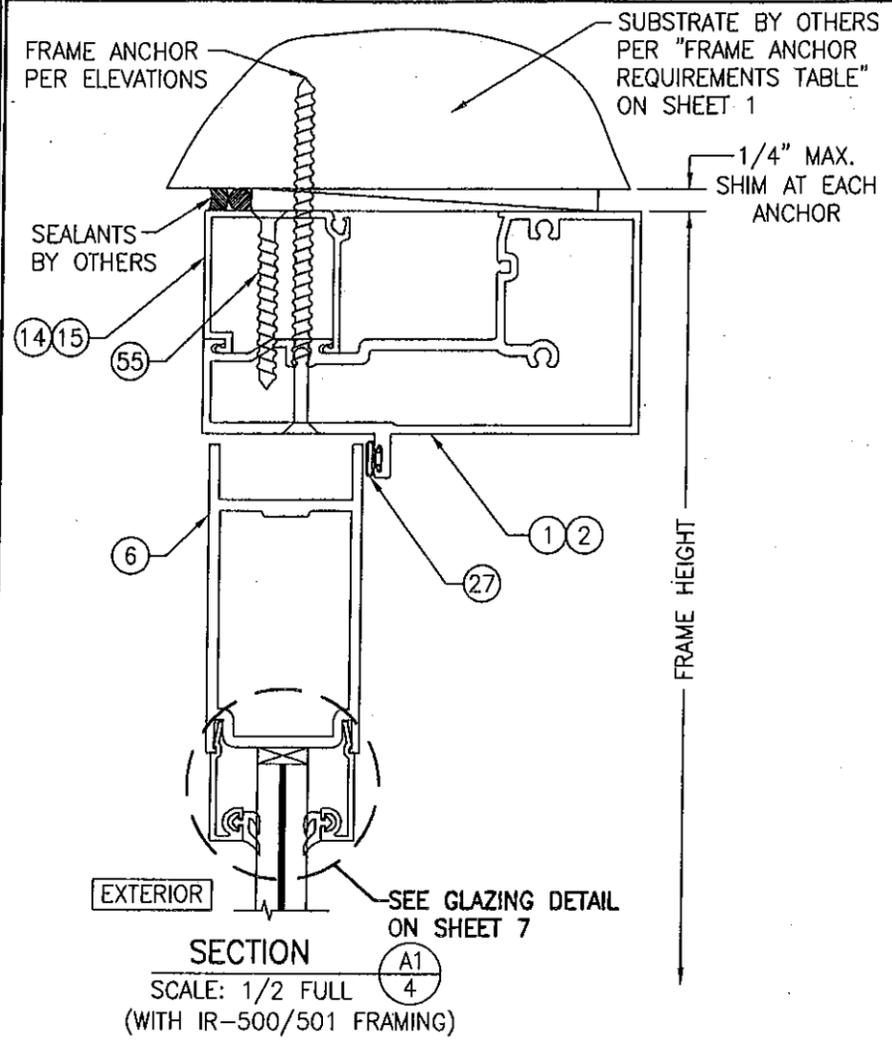
EXTERIOR ELEVATION:
DOORS INSIDE 1600 SYSTEM 1 CURTAIN WALL
 SCALE: 1/2"=1'-0"

- NOTES:**
1. FOR DETAILS NOT SHOWN, SEE ELEVATIONS ON SHEET 2.
 2. DOUBLE DOOR SHOWN; SINGLE DOOR CONDITION ALSO APPLIES.
 3. FOR CURTAIN WALL FRAMING REQUIREMENTS & INSTALLATION, SEE RESPECTIVE CURTAIN WALL APPROVAL.
 4. LESSER ALLOWABLE PRESSURE RATING OF THE DOORS & STOREFRONT SHALL CONTROL FOR THE OVERALL ASSEMBLY.

PRODUCT RENEWED
 as complying with the Florida
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 Expiration Date 02/08/2017
 By *[Signature]*
 Miami Dade Product Control



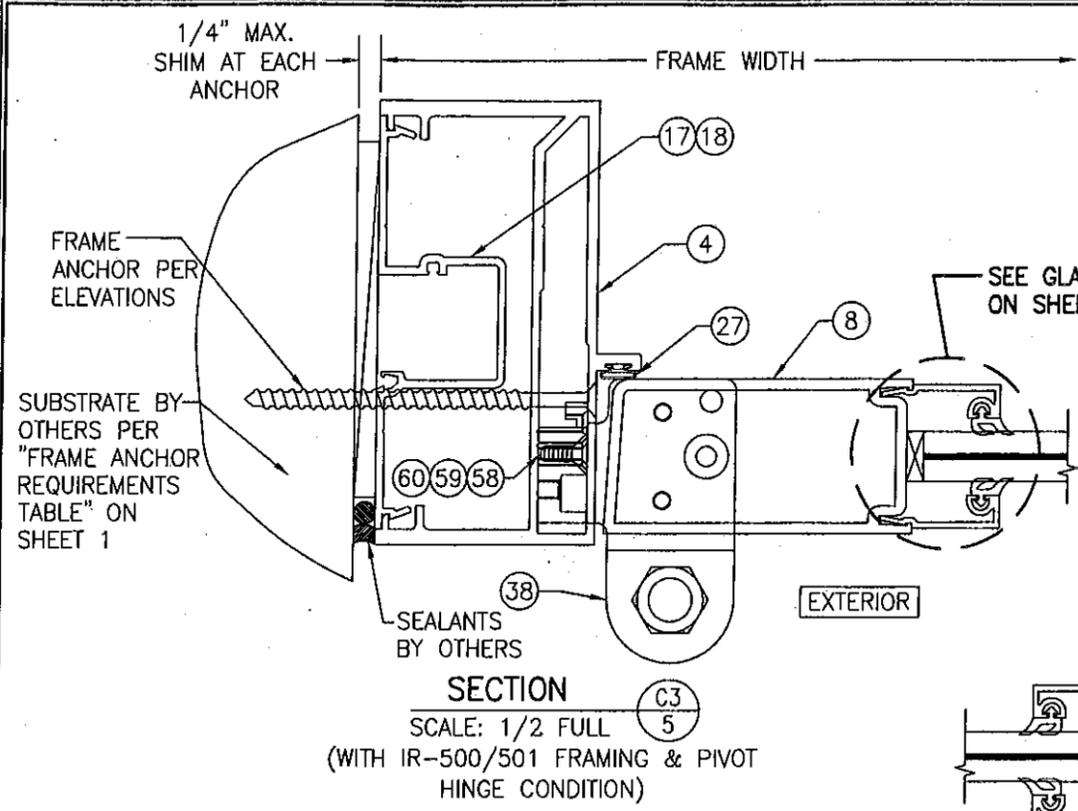
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PLOT: 1-24		DATE: 02/11/11	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI DRY GLAZED			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: KAWNEER COMPANY, INC.	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION: MAR 23 2011		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1695	REV.		
SHEET NO. 3	OF 9		



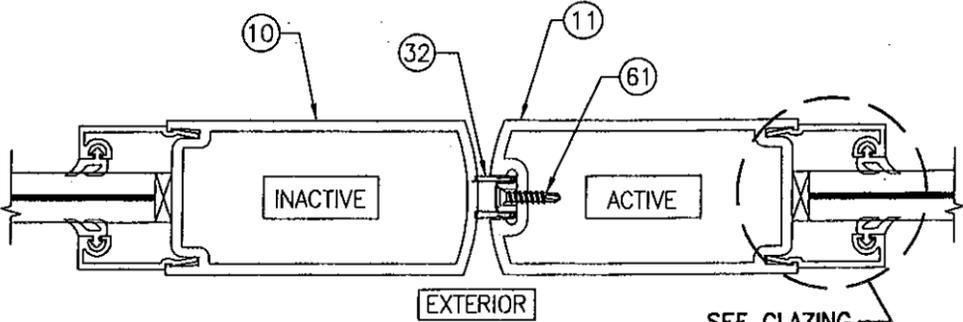
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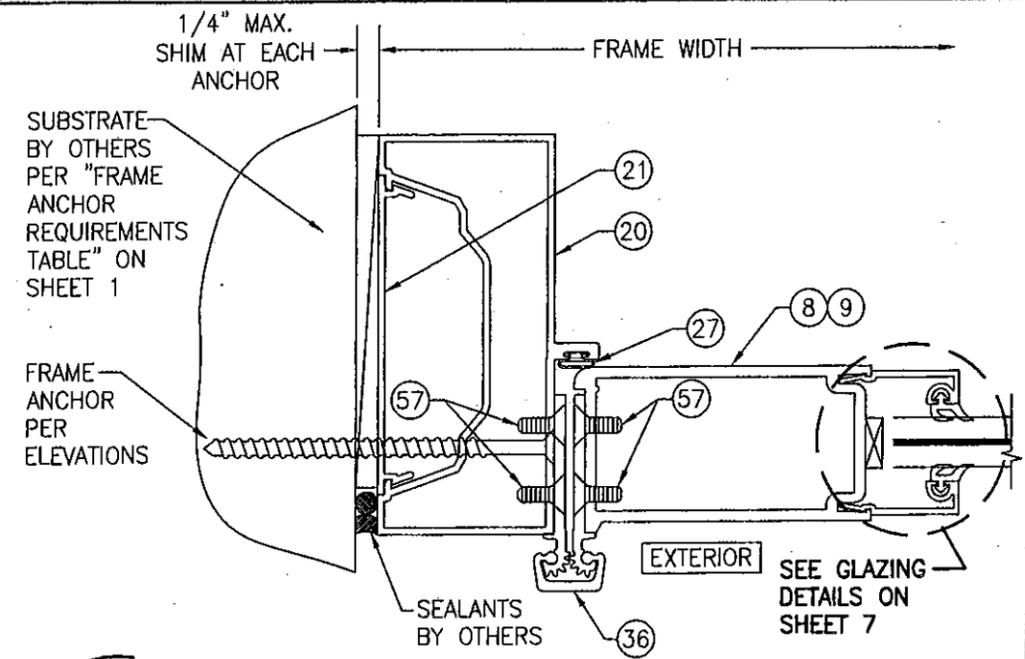
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PLOT: 1=2		DATE: 02/11/11	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI DRY GLAZED			
MANUFACTURER: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION	MAR 23 2011	WARREN W. SCHAEFER	P.E. NO. 44135
DRAWING NO.	REV.		
1695	4		
SHEET NO.	4	OF 9	



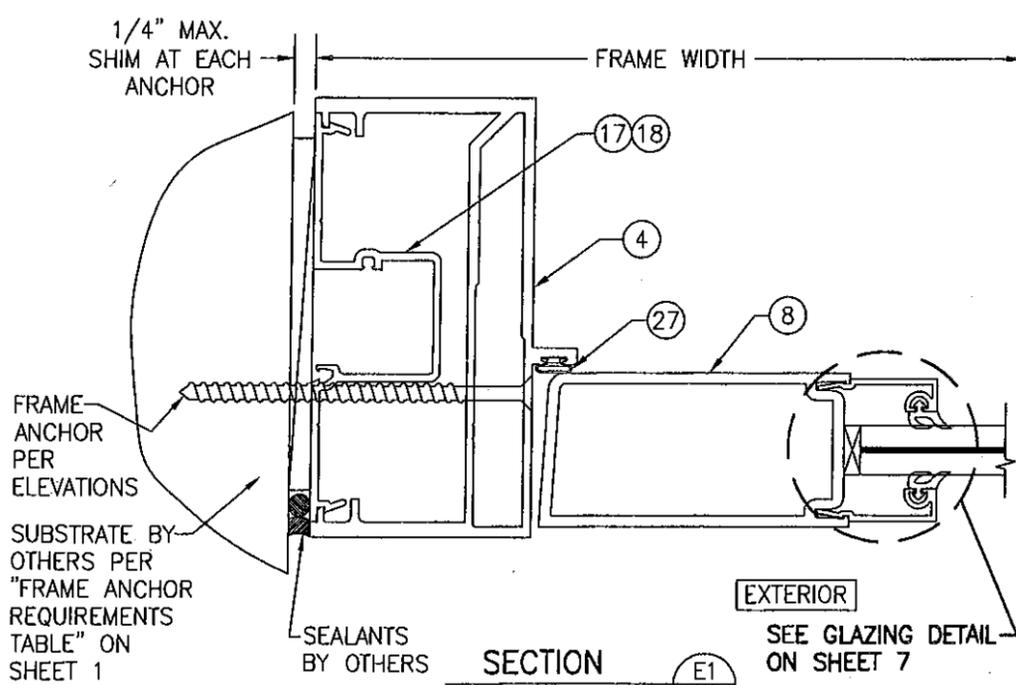
SECTION C3
 SCALE: 1/2 FULL
 (WITH IR-500/501 FRAMING & PIVOT HINGE CONDITION)



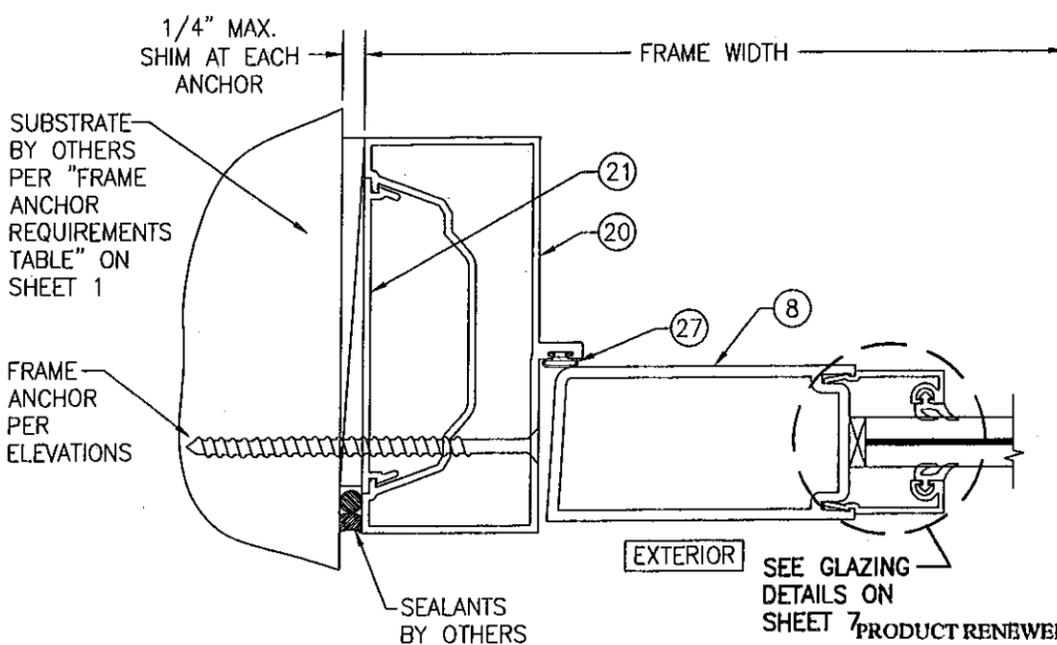
SECTION D
 SCALE: 1/2 FULL



SECTION C4
 SCALE: 1/2 FULL
 (WITH TRIFAB 450/451 FRAMING)
 (GEAR HINGE CONDITION SHOWN. FOR OTHER HINGE CONDITIONS APPLICABLE TO THIS SECTION, SEE SECTIONS C1/4 & C3/5.)



SECTION E1
 SCALE: 1/2 FULL
 (WITH IR-500/501 FRAMING)

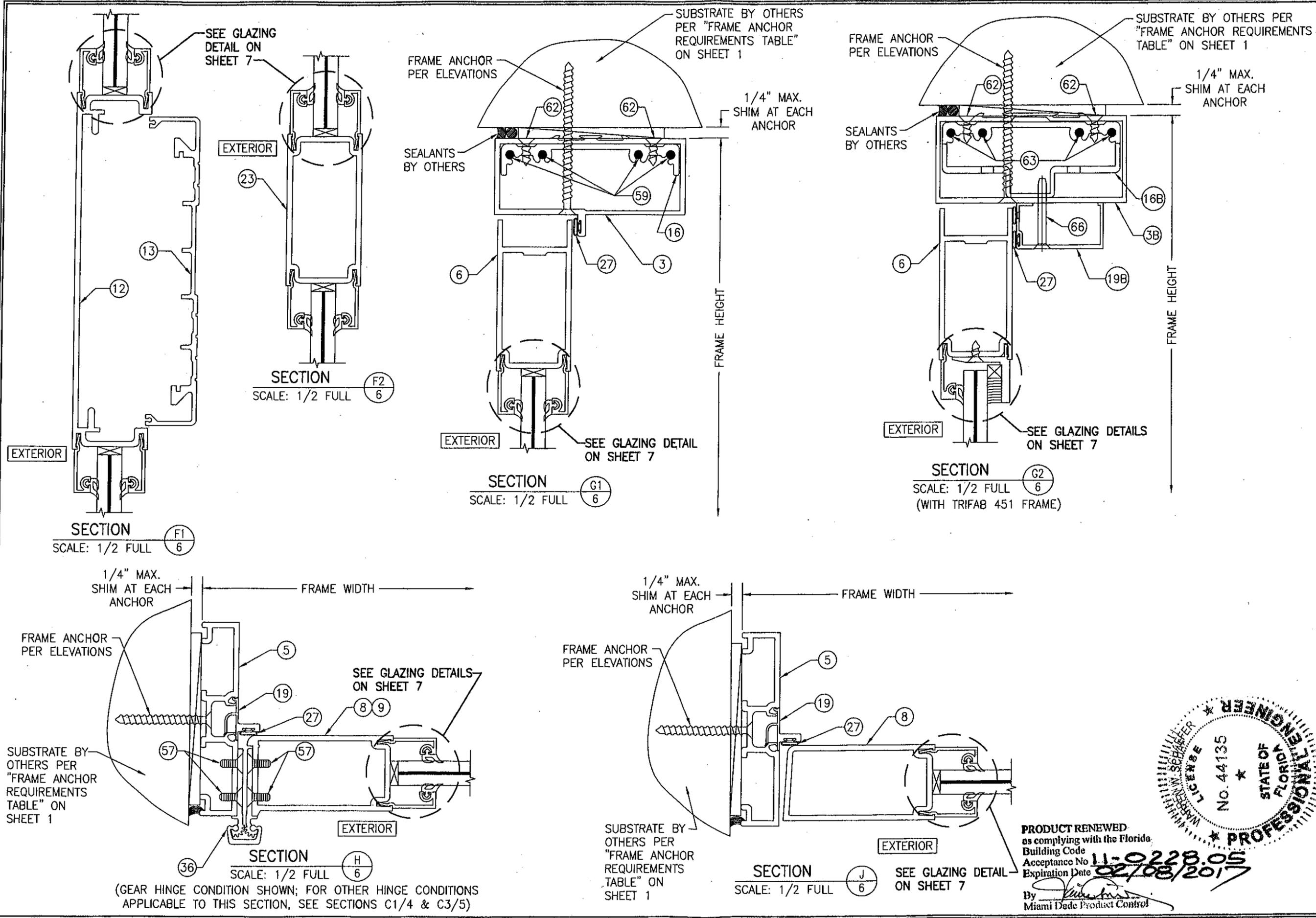


SECTION E2
 SCALE: 1/2 FULL
 (WITH TRIFAB 450/451 FRAMING)

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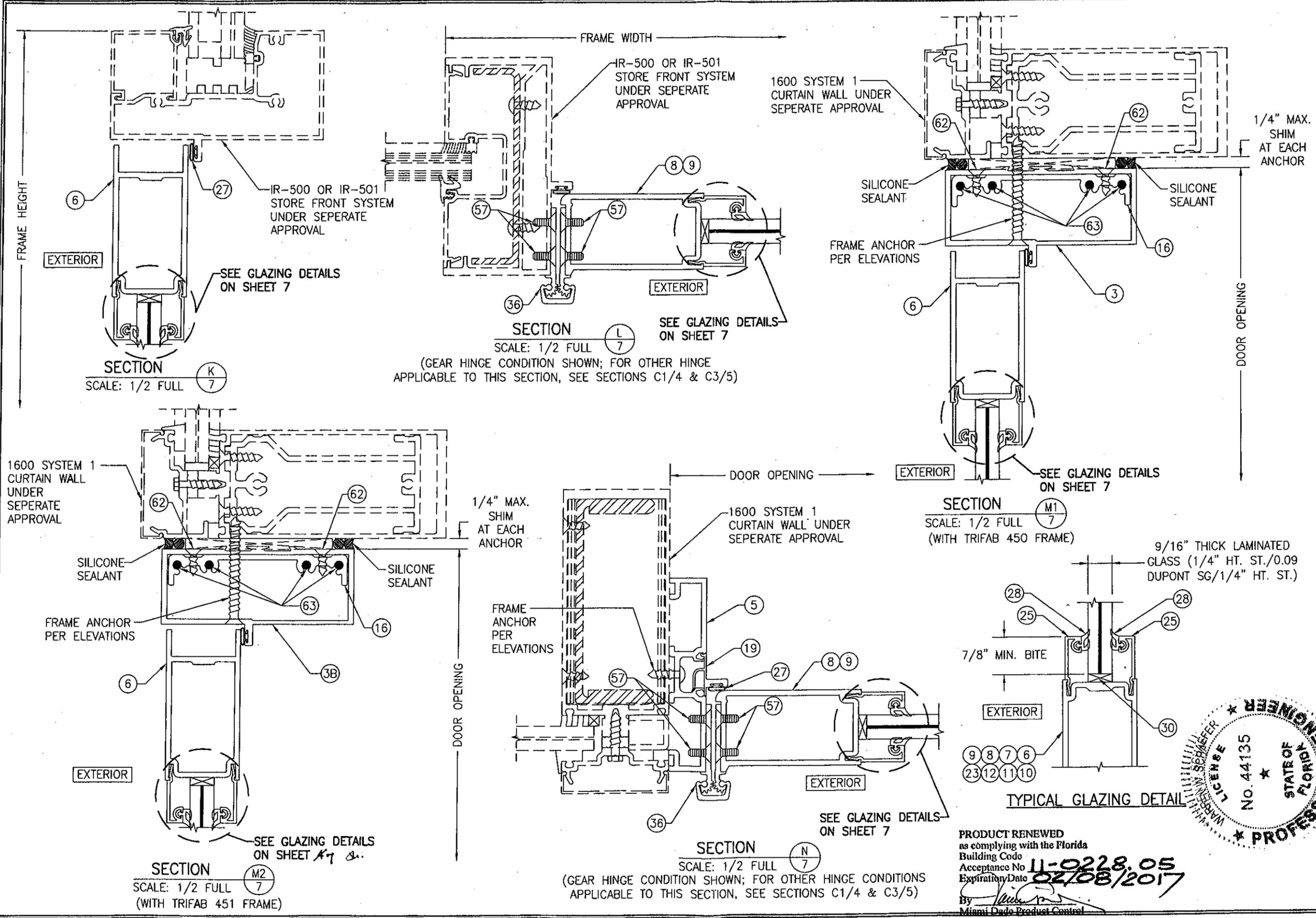


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PLOT: 1=2	DATE: 02/11/11
DATE	
BY	
REVISION DESCRIPTION	
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CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555
CERTIFICATION MAR 23 2011	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1695	REV. 5 OF 9



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 02/11/11	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI DRY GLAZED			
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION MAR 23 2011 WARREN W. SCHAEFER LICENSE NO. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER			
DRAWING NO. 1695		REV. 	
SHEET NO. 6 OF 9			

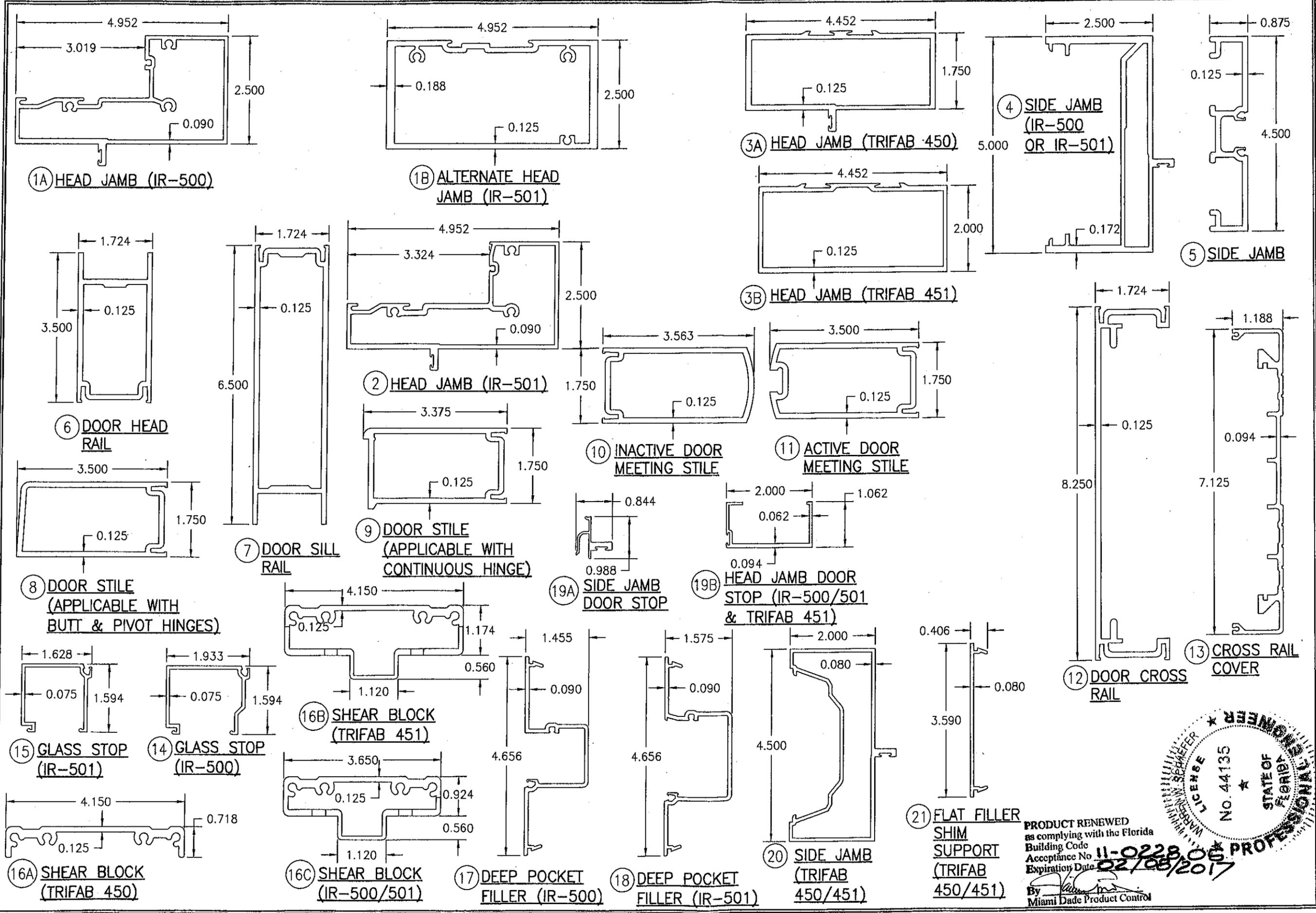
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DRAWING NO. 1695	
SHEET NO. 7 OF 9	



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 By *[Signature]*
 Miami Dade Product Control



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 02/11/11
NO.	REVISION DESCRIPTION

DRAWING TITLE
350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI DRY GLAZED

MANUFACTURER
KAWNEER COMPANY, INC.
555 GUTHRIE COURT
NORCROSS, GA 30092
770-449-5555

CONSULTANTS
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION
MAR 23 2011

WARREN W. SCHAEFER
LICENSE
No. 44135
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DRAWING NO.
1695

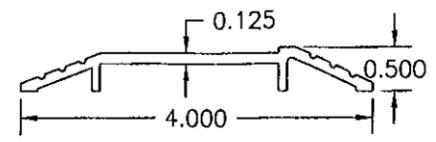
SHEET NO.
8 OF 9

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-0228-06
Expiration Date 02/08/2017

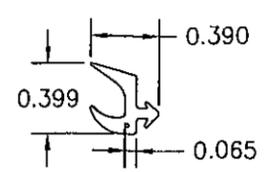
By: *[Signature]*
Miami Dade Product Control

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1A	575-022	HEAD JAMB (IR-500)	6063-T6 ALUMINUM
1B	575-162	ALTERNATE HEAD JAMB (IR-500/501)	6063-T6 ALUMINUM
2	575-122	HEAD JAMB (IR-501)	6063-T6 ALUMINUM
3A	450-502	HEAD JAMB (TRIFAB 450)	6063-T6 ALUMINUM
3B	451-079	HEAD JAMB (TRIFAB 451)	6063-T6 ALUMINUM
4	575-051	SIDE JAMB (IR 500-OR IR-501)	6063-T6 ALUMINUM
5	163-036	SIDE JAMB (1600 DR JB ADAPTOR)	6063-T6 ALUMINUM
6	200-023	DOOR; TOP RAIL	6063-T6 ALUMINUM
7	200-032	DOOR; BOTTOM RAIL	6063-T6 ALUMINUM
8	200-005	DOOR STILE (APPLICABLE WITH BUTT & PIVOT HINGES)	6063-T6 ALUMINUM
9	200-012	DOOR STILE (APPLICABLE WITH CONTINUOUS HINGES)	6063-T6 ALUMINUM
10	200-007	INACTIVE DOOR MEETING STILE	6063-T6 ALUMINUM
11	200-006	ACTIVE DOOR MEETING STILE	6063-T6 ALUMINUM
12	233-013	DOOR CROSS RAIL	6063-T6 ALUMINUM
13	033-105	CROSS RAIL COVER	6063-T6 ALUMINUM
14	575-004	GLASS STOP (IR-500)	6063-T6 ALUMINUM
15	575-104	GLASS STOP (IR-501)	6063-T6 ALUMINUM
16A	450-103	SHEAR BLOCK (TRIFAB 450)	6063-T6 ALUMINUM
16B	451-141	SHEAR BLOCK (TRIFAB 451)	6063-T6 ALUMINUM
16C	400-140	SHEAR BLOCK (IR-500/501)	6063-T6 ALUMINUM
17	575-035	DEEP POCKET FILLER (IR-500)	6063-T6 ALUMINUM
18	575-135	DEEP POCKET FILLER (IR-501)	6063-T6 ALUMINUM
19A	450-520	SIDE JAMB DOOR STOP	6063-T6 ALUMINUM
19B	041-045	HEAD JAMB DOOR STOP (451 & 500/501)	6063-T6 ALUMINUM
20	451-064	SIDE JAMB (TRIFAB 450/451)	6063-T6 ALUMINUM
21	450-126	FLAT FILLER SHIM SUPPORT (TRIFAB 450/451)	6063-T6 ALUMINUM
22	069-139	DOOR THRESHOLD	6063-T6 ALUMINUM
23	200-058	MID-RAIL	6063-T6 ALUMINUM
25	575-039	DOOR GLASS STOP	6063-T6 ALUMINUM
SEALS AND SEALANTS			
27	027-078	DOOR BULB WEATHERING	ALCRYN 60 A
28	027-563	GLAZING GASKET BY TREMCO	BLACK EPDM DUROMETER 70 +/-5 SHORE "A"
30	027-342	DOOR SETTING BLOCK	NEOPRENE 80 +/- 5 A
31	200-795	DOOR BOTTOM RAIL WEATHER SWEEP	VARIED
32	200-497	ADJUSTABLE ASTRAGAL WEATHERING	VARIED
HARDWARE			
36	050-821	CONTINUOUS GEAR HINGE	HAGER/ROTON
37	037-232	BUTT HINGE (3 PER PANEL WHEN PANEL OPENING HEIGHT IS 90" OR LESS) (4 PER PANEL WHEN PANEL OPENING HEIGHT IS GREATER THAN 90")	HAGER
38	050-322	TOP OFFSET PIVOT HINGE	KAWNEER
	050-331	INTERMEDIATE OFFSET PIVOT HINGE (1 PER PANEL WHEN PANEL OPENING HEIGHT IS 90" OR LESS) (2 PER PANEL WHEN PANEL OPENING HEIGHT IS GREATER THAN 90")	
	050-326	RH BOTTOM OFFSET PIVOT HINGE	
	050-327	LH BOTTOM OFFSET PIVOT HINGE	

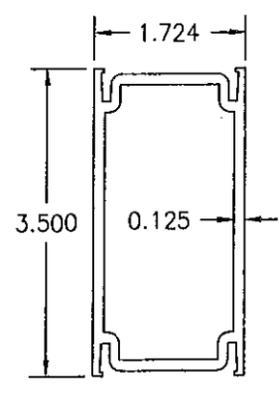
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
HARDWARE CONTINUED			
39	-	ACTIVE DOOR LOCK ASSEMBLY	ADAMS-RITE 1850 3-POINT LOCK SYSTEM WITH KAWNEER'S CYLINDER, THUMBTURN & PUSH PACKAGE
40	50-079	INACTIVE DOOR TOP FLUSH BOLT	ADAMS-RITE 1850 FLUSH BOLT SYSTEM WITH KAWNEER'S PUSH PACKAGE
	50-075	INACTIVE DOOR BOTTOM FLUSH BOLT	
41	-	ACTIVE DOOR LOCK ASSEMBLY	ADAMS-RITE MS 1850 3-POINT LOCK SYSTEM WITH KAWNEER'S CYLINDER, THUMBTURN & PUSH PACKAGE
42	-	INACTIVE DOOR LOCK ASSEMBLY	ADAMS-RITE 2180 2-POINT LOCK SYSTEM WITH KAWNEER'S PUSH PACKAGE
43	50-079	INACTIVE DOOR TOP FLUSH BOLT	BY ADAMS-RITE
44	50-075	INACTIVE DOOR BOTTOM FLUSH BOLT	BY ADAMS-RITE
45	-	CONCEALED ROD EXIT/PANIC DEVICE	JACKSON 2086
46	-	CONCEALED ROD EXIT/PANIC DEVICE	KAWNEER 1686
47	-	CONCEALED ROD EXIT/PANIC DEVICE	SARGENT 8400
48	-	CONCEALED ROD EXIT/PANIC DEVICE	PANELINE CR-90
49	-	CONCEALED ROD EXIT/PANIC DEVICE	SARGENT AD8400
50	-	CONCEALED ROD EXIT/PANIC DEVICE	VON DUPRIN 9947
51	-	CONCEALED ROD EXIT/PANIC DEVICE	CALIBRE 9100
52	-	CONCEALED ROD EXIT/PANIC DEVICE	ADAMS RITE G86
MISCELLANEOUS FASTENERS			
55	-	NO. 12 X 2" SCREW	3" FROM ENDS & MAX. 11" O.C.
56	-	NO. 12-24 X 9/16" S.S SCREW	8 PER HINGE
57	-	NO. 12-24 X 13/32" SCREW	2 9/16" FROM ENDS & MAX. 5 1/8" O.C. (52 MAX. PER HINGE)
58	-	5/16"-18 X 5/8" SCREW	2 PER TOP PIVOT HINGE
59	-	NO. 12-24 X 9/16" S.S SCREW	2 PER INTERMEDIATE PIVOT HINGE
60	-	1/4-20 X 3/8" SCREW	3 PER BOTTOM PIVOT HINGE
61	-	NO. 6 X 11/16" SCREW	10 PER LEAF
62	-	NO. 10 X 9/16" S.S SCREW	2 PER CLIP
63	-	NO. 10 X 1 19/32" S.S. SCREW	4 PER CLIP
65	-	NO. 6 X 3/4" S.S. SCREW	1/4" FROM ENDS & MAX. 9 17/32" O.C.
66	-	NO. 10 X 1 5/8" FHTF "B" SCREW	1" FROM ENDS & MAX. 16" O.C.



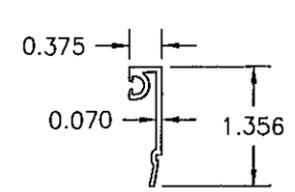
22 DOOR THRESHOLD



28 GLAZING GASKET



23 MID-RAIL



25 EXTERIOR DOOR GLASS STOP

PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No. **11-0228.05**
 Expiration Date **02/08/2017**
 By *[Signature]*
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SHEET NO. 9	OF 9