



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)

www.buildingcodeonline.com

Kawneer Company, Inc.
555Guthridge Court.
Norcross, GA 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 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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 3501R Outswing Aluminum Storefront Doors – L.M.I.

APPROVAL DOCUMENT: Drawing No.1460, titled "3501R Outswing Aluminum Storefront Doors - LMI", sheets 1 through 8 of 8, dated 11/10/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, 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.

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 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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon**.



J. Gascon
1/19/07

NOA No 06-0803.05
Expiration Date: February 08, 2012
Approval Date: February 08, 2007
Page 1

Kawneer Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No.1460, titled "3501R Outswing Aluminum Storefront Doors - LMI", sheets 1 through 8 of 8, dated 11/10/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

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) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of 350 IR Door with IR500 and IR 501 Framing, prepared by Hurricane Test Laboratory, Test Report No. G049-1201-05, dated 12/05/05-01/24/06, signed and sealed by Vinu J, Abraham.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 07/07/06, signed and sealed by **Warren W. Schaefer, P.E.**
Complies with ASTM E1300-98/02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont De Neumours, Inc. for their "DuPont Butacite PVB Interlayer", expiring on 12/11/10.

F. STATEMENTS

1. Statement letter of conformance, dated July 10, 2006, signed and sealed by **Warren W. Schaefer, P.E.**
2. Statement letter of no financial interest, dated July 10, 2006, signed and sealed by **Warren W. Schaefer, P.E.**

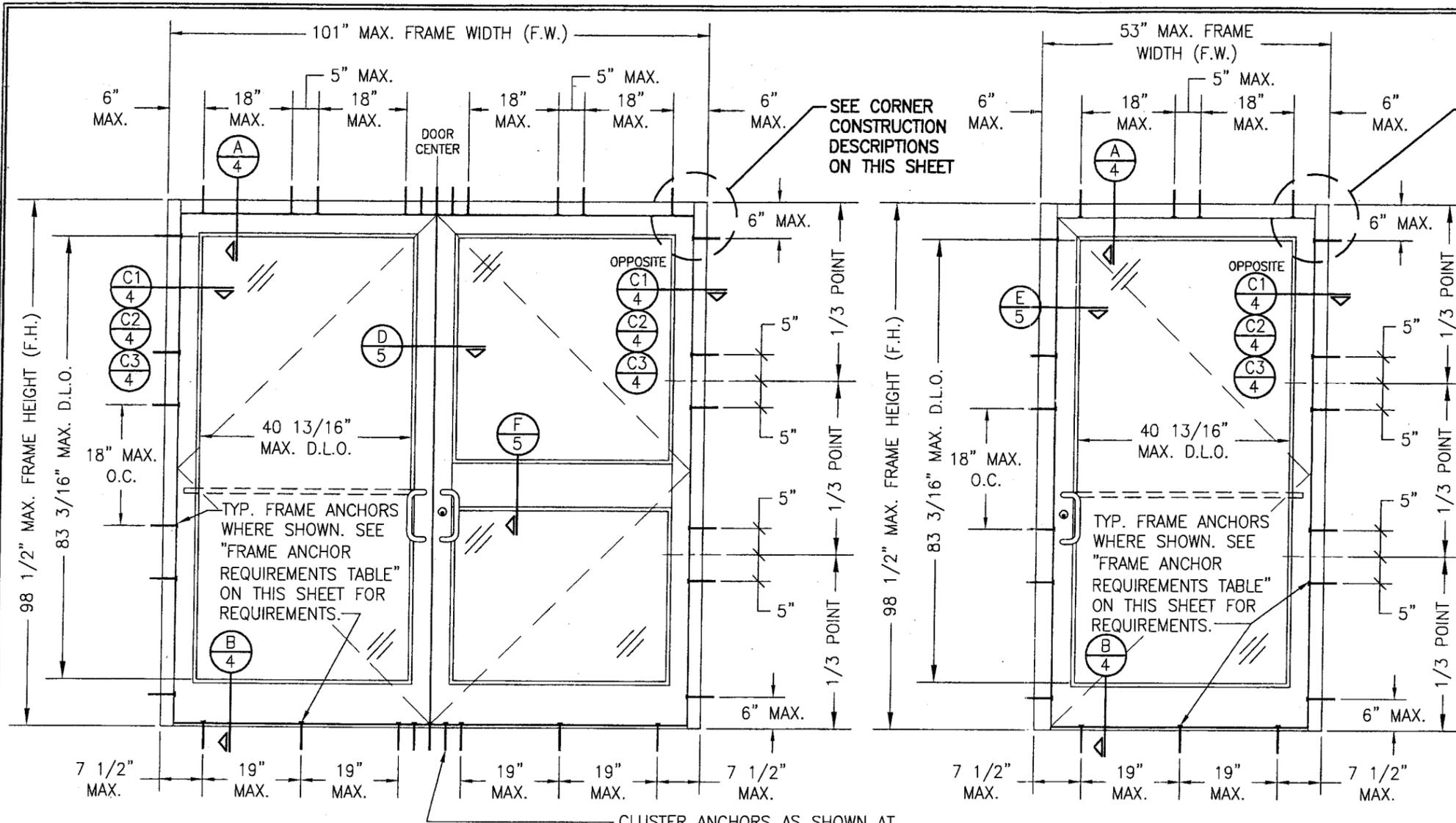
G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-0803.05

Expiration Date: February 08, 2012
Approval Date: February 08, 2007



**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"

ALLOWABLE DESIGN PRESSURE
(ALL DOOR CONDITIONS)
+/-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 SUCH THAT THE ANGLE BETWEEN THE EDGE OF THE CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES.

CORNER & FRAME END CONSTRUCTION FOR SHEET 1 ELEVATIONS:

FRAME HEAD CORNER: 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 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 AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE(S).
- BUCKING &/OR SUPPORTING SUBSTRATES MUST BE PROPERLY DESIGNED, CONSTRUCTED & INSTALLED TO SUPPORT LOADS TRANSFERRED FROM THESE SYSTEMS.
- ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
- THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE 2004 FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
- THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
- ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- ALL FRAME 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.
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BUILDING CODE SECTION 2003.8.4.
- ALL SUBSTRATE SHALL HAVE THE FOLLOWING MINIMUM REQUIREMENTS.
 - ALL CONCRETE SUBSTRATE SHALL BE MIN. 3000 PSI.
 - ALL WOOD SUBSTRATE SHALL BE MIN. G = 0.55 DENSITY.
 - ALL METAL STUD SUBSTRATE SHALL BE MIN. 16 GA. Fy = 50 ksi.
 - ALL STRUCTURAL STEEL SUBSTRATE SHALL BE MIN. 1/8" THK. & Fy = 36 ksi.

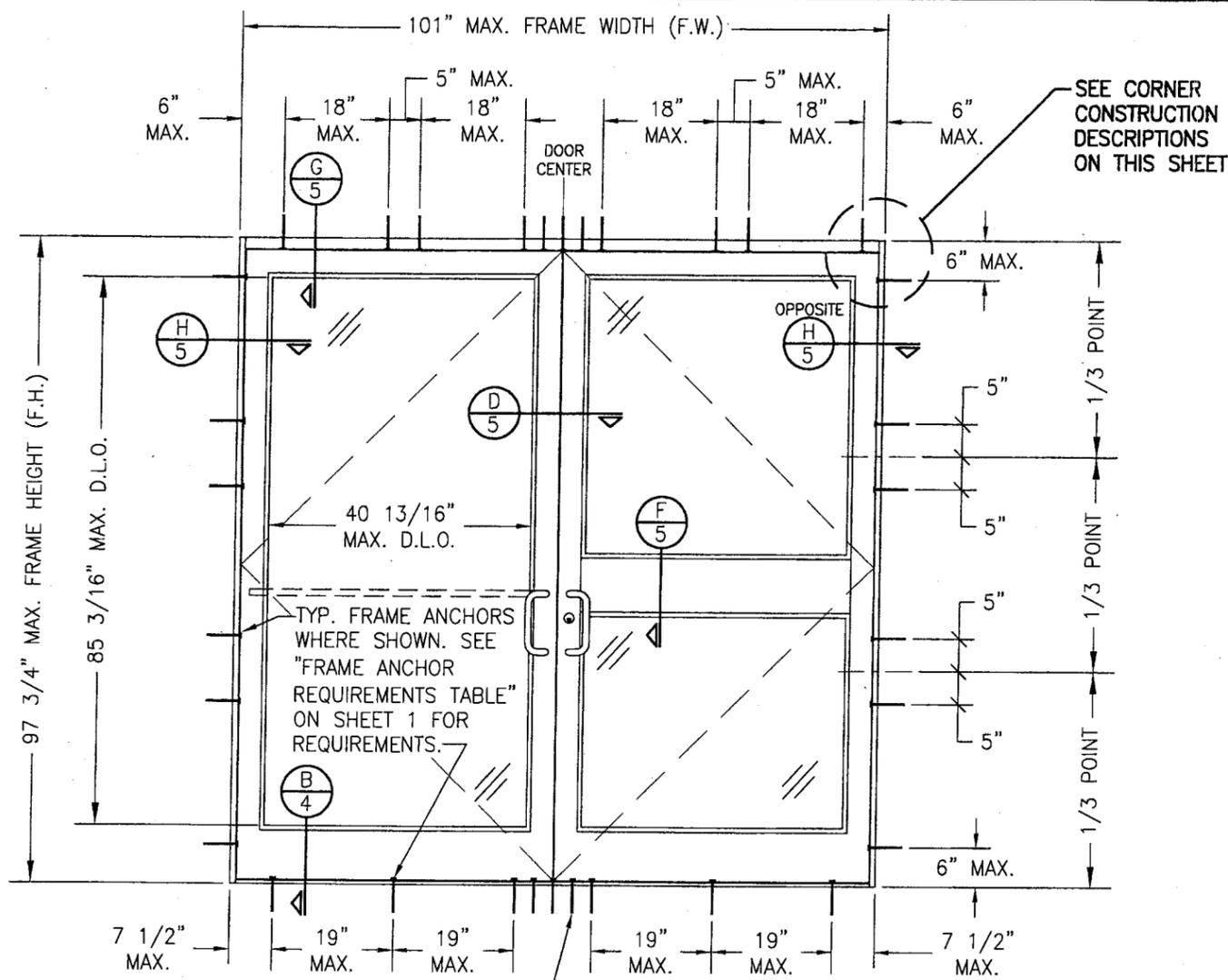
CLUSTER ANCHORS AS SHOWN AT MEETING STILE ENDS SPACED 3" APART (QUANTITY = 5 WITH ANCHOR TYPES A, B & D; QUANTITY = 3 WITH ANCHOR TYPES C & F).

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	NO. 12 SMS SCREW	1 1/4"	3/4"
B	MIN. 16 GA. 33 KSI METAL STUD	(2) NO. 12 SELF DRILL/TAPPING SCREW	FULL	1/2"
C	MIN. 1/8" 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 1/4"	2 1/2"
E	MIN. C90 BLOCK	(1) 1/4" CONCRETE SCREW	1 1/4"	2 1/2"
F	CURTAIN WALL	(2) 1/4-20 SELF DRILL/TAPPING SCREW	FULL	1/2"

(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS, POWERS RAWL TAPPER, OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).
(2) SELF DRILLING & SELF TAPPING SCREWS SHALL BE MIN. GRADE 5 CORROSION RESISTANT STEEL

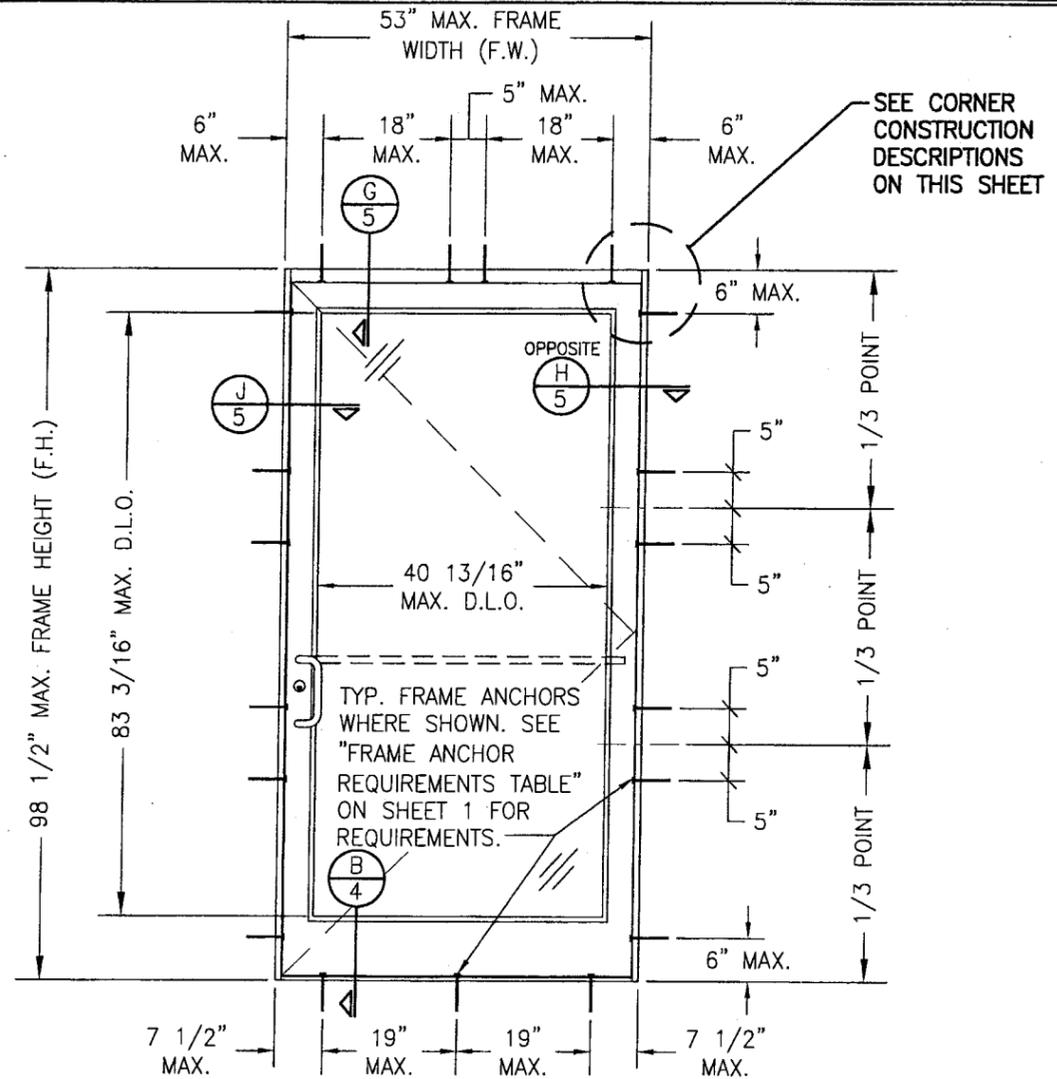
Approved as complying with the Florida Building Code
Date 02/08/07
Miami Dade Product Control Division
By: [Signature]

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 11/10/05
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER KAWNEER COMPANY, INC.
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555
CERTIFICATION JUL 06 2006	WARREN W. SCHAEFER, P.E. P.E. NO. 44133
DRAWING NO. 1460	REV.
SHEET NO. 1	OF 8



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

CLUSTER ANCHORS AS SHOWN AT MEETING STILE ENDS SPACED 3" APART (QUANTITY = 5 WITH ANCHOR TYPES A, B & D; QUANTITY = 3 WITH ANCHOR TYPES C & F).

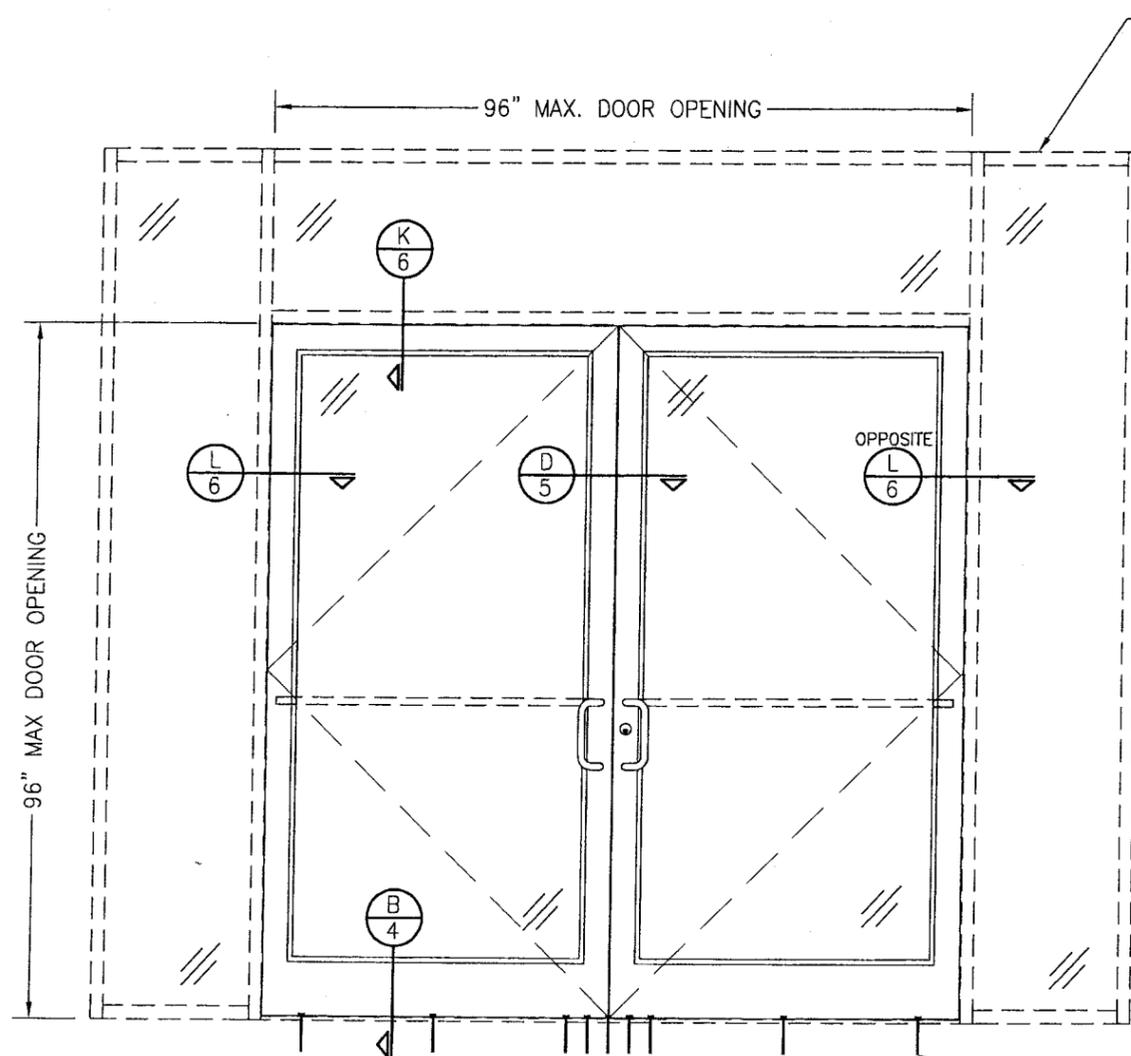


**EXTERIOR ELEVATION
SINGLE DOOR ASSEMBLY WITH
STANDARD FRAMING**
SCALE: 1/2"=1'-0"

CORNER & FRAME END CONSTRUCTION FOR SHEET 2 ELEVATIONS:
FRAME HEAD CORNER: 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 & MIDRAIL ENDS: SEE SHEET 1 CORNER DESCRIPTIONS.

Approved as complying with the
Florida Building Code
Date: 02/08/07
WARREN W. SCHAEFER, P.E.
Miami Dade Product Control
Division
By: *[Signature]*

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 11/10/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION JUL 06 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1460 SHEET NO. 2 OF 8	

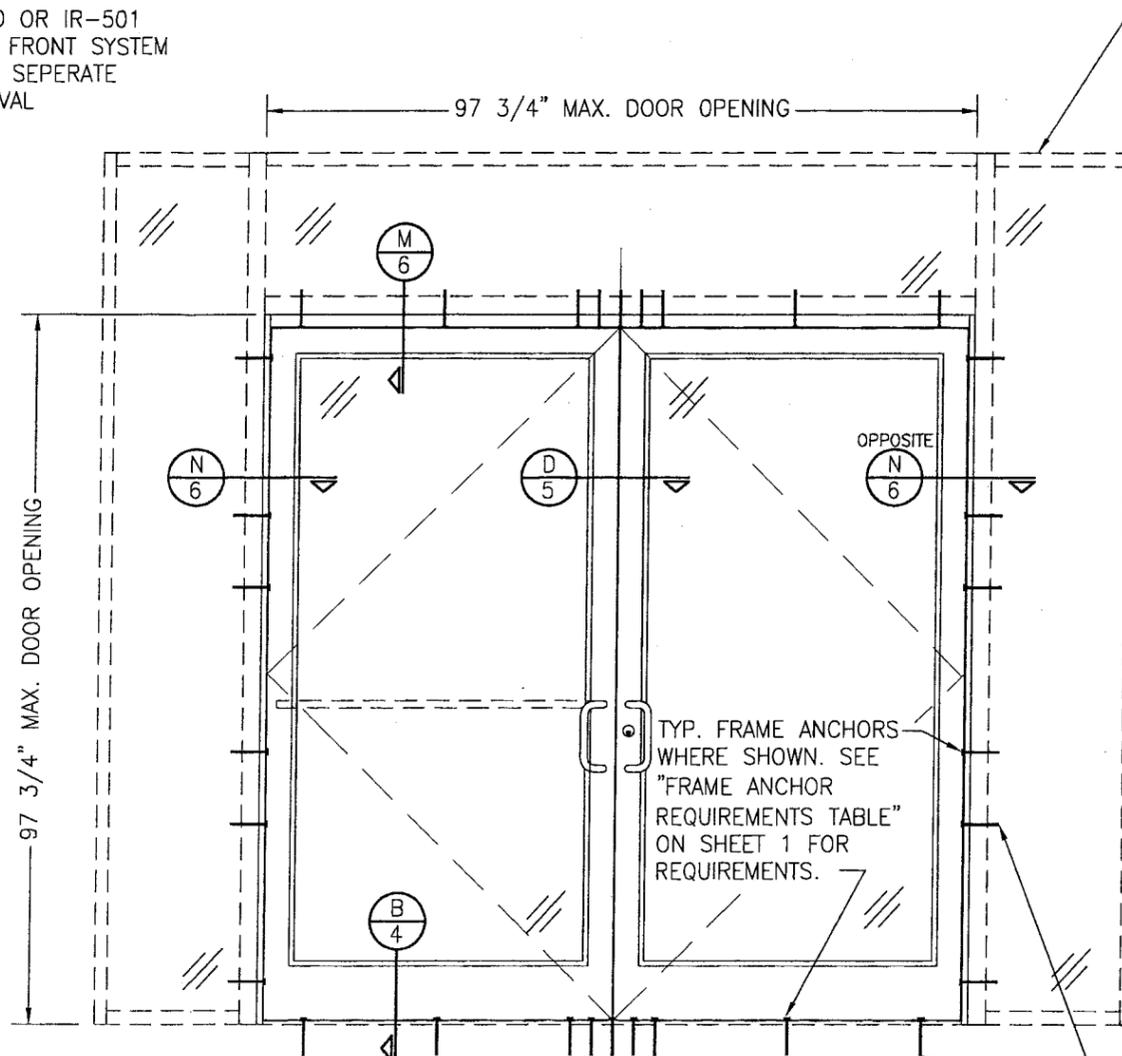


EXTERIOR ELEVATION
DOORS INSIDE IR-500 OR IR-501 STORE FRONT SYSTEM
 SCALE: 1/2"=1'-0"

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.

SEE ELEVATION SHEET 1 FOR SILL ANCHOR REQUIREMENTS & ANCHOR LOCATIONS



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

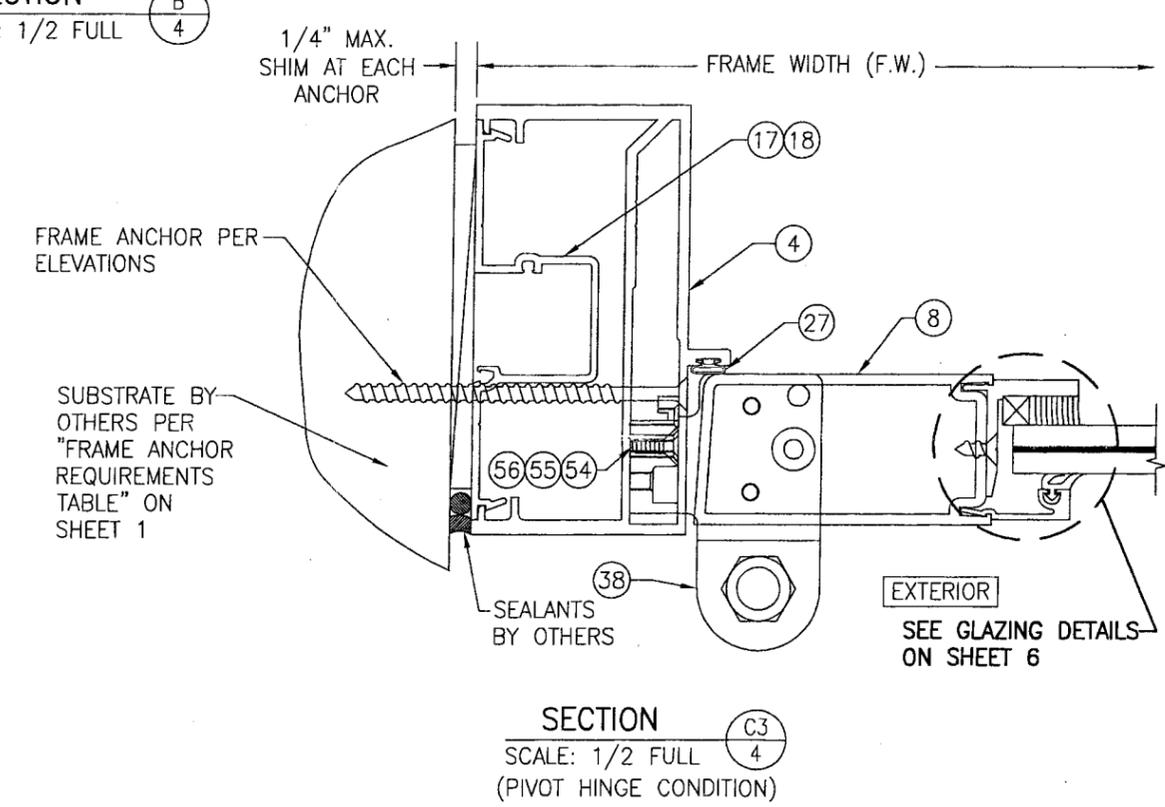
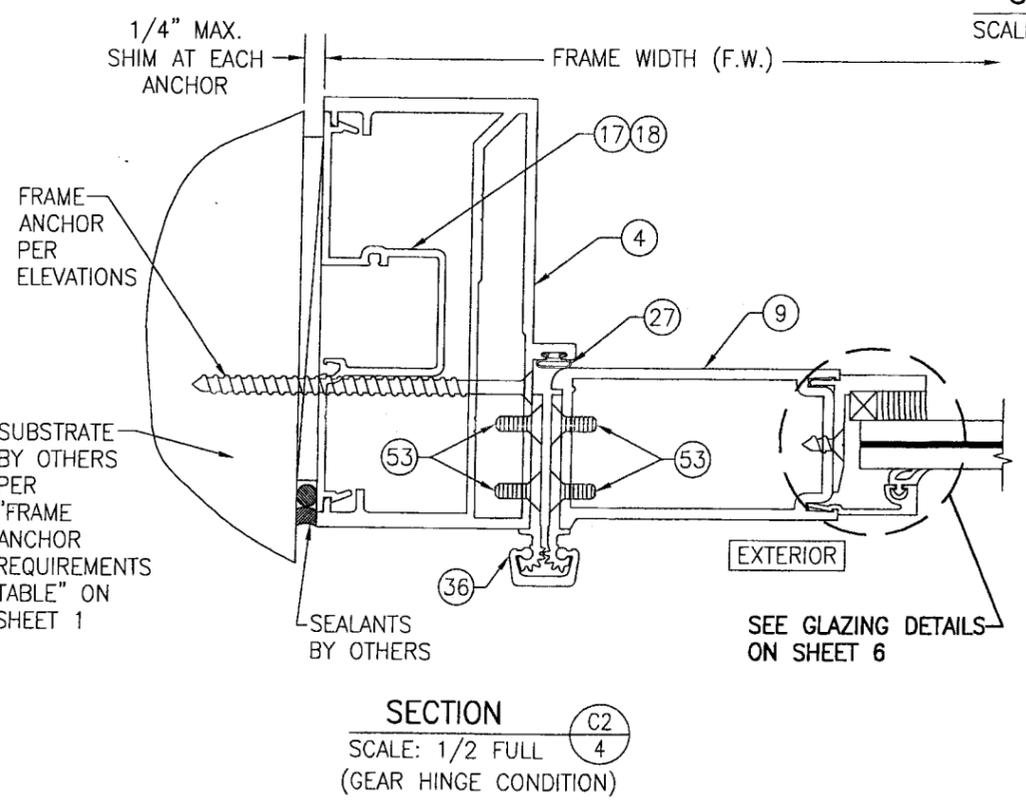
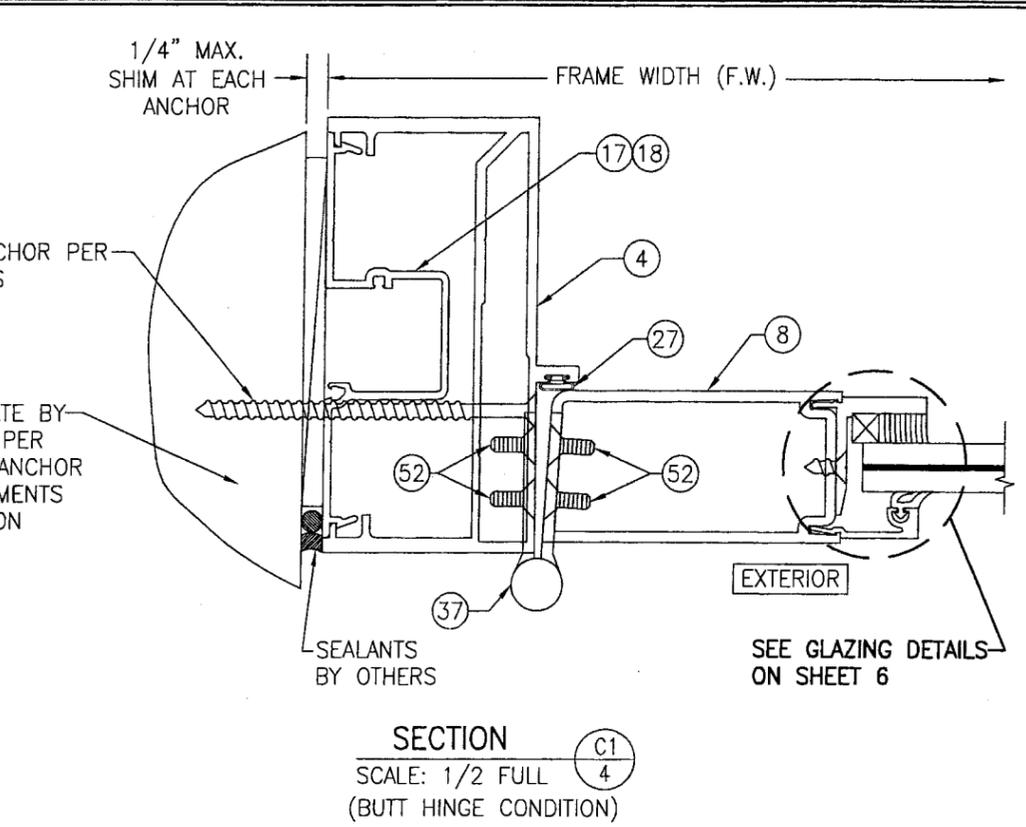
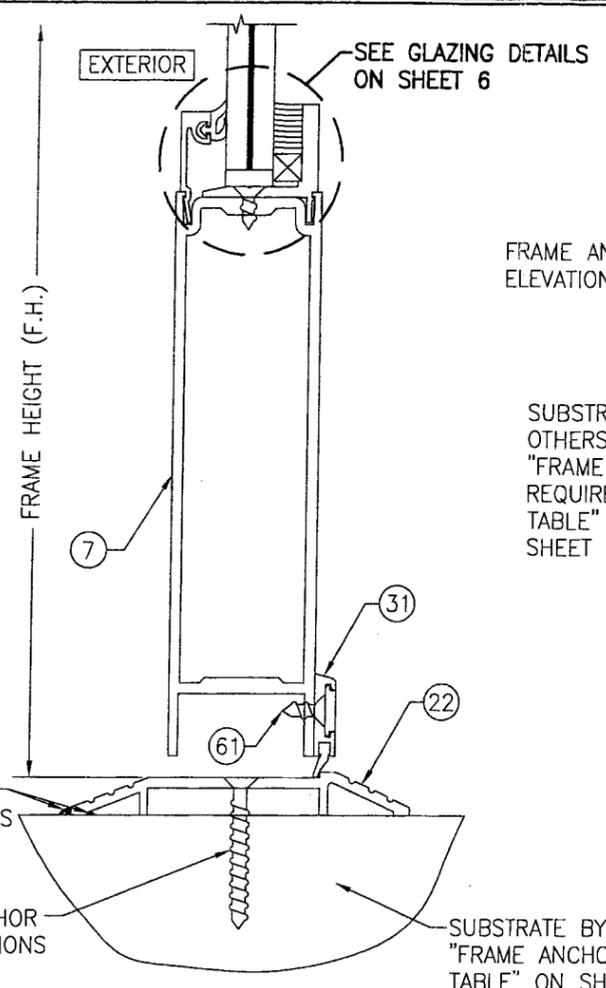
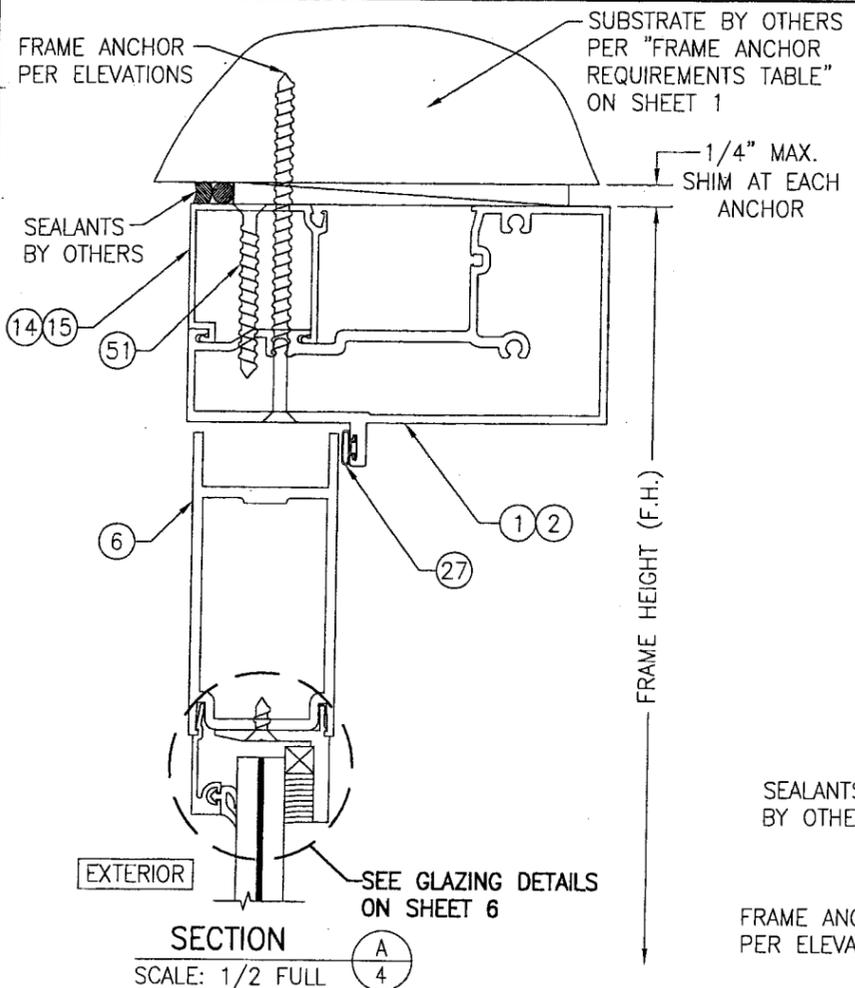
NOTES:

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.

SEE ELEVATION SHEET 2 FOR ANCHOR REQUIREMENTS & ANCHOR LOCATIONS

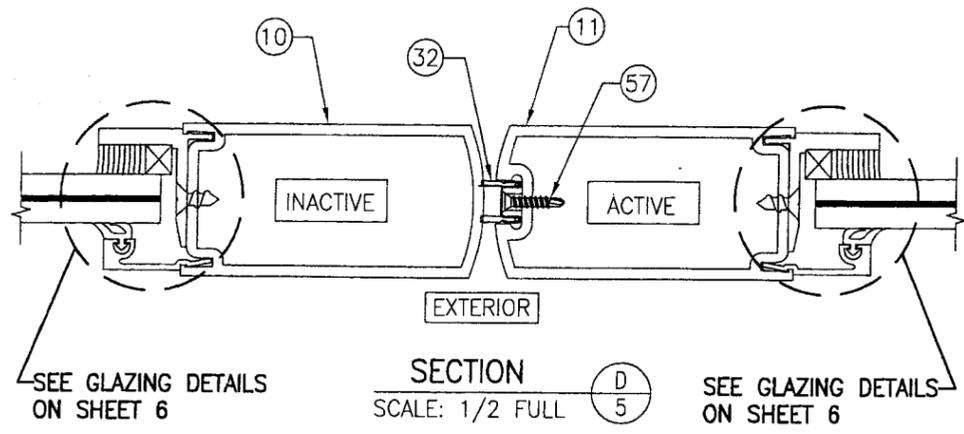
Approved as complying with the
 Florida Building Code
 Date 02/08/07
 WWS 06-0803.05
 Miami Code Product Control
 Division
 By *[Signature]*

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 11/10/05	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CERTIFICATION JUL 16 2006 W. W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1460		REV.	
SHEET NO. 3		OF 8	

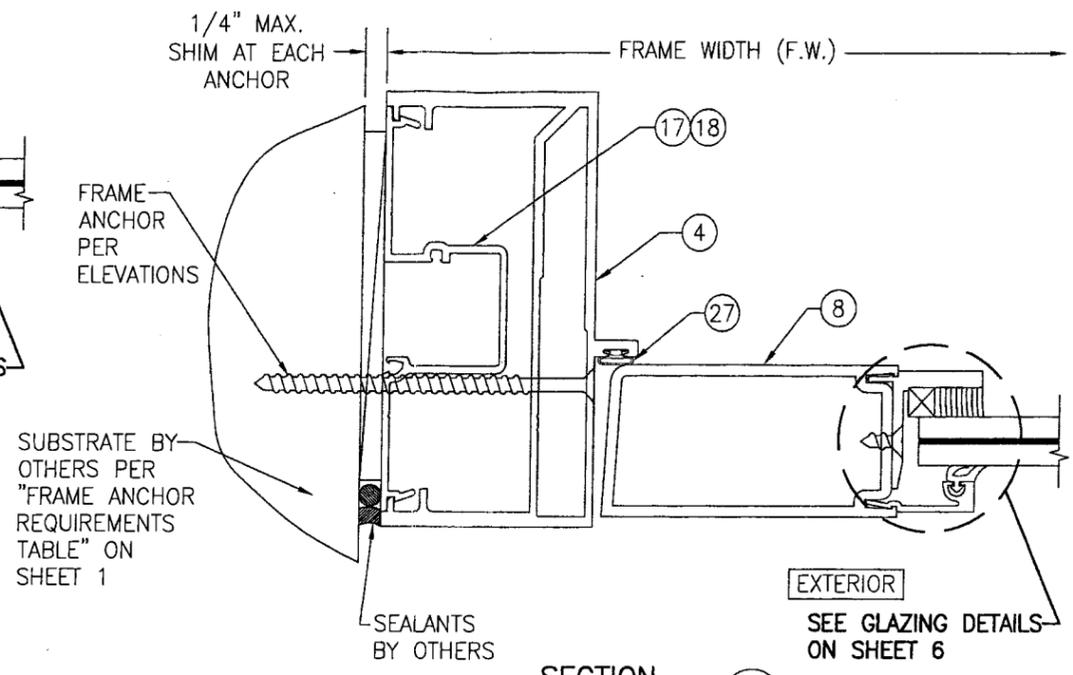


Approved as complying with the
 Florida Building Code
 Date 02/08/07
 NCAS 06-0803.05
 Miami Code Product Control
 Division
 By *[Signature]*

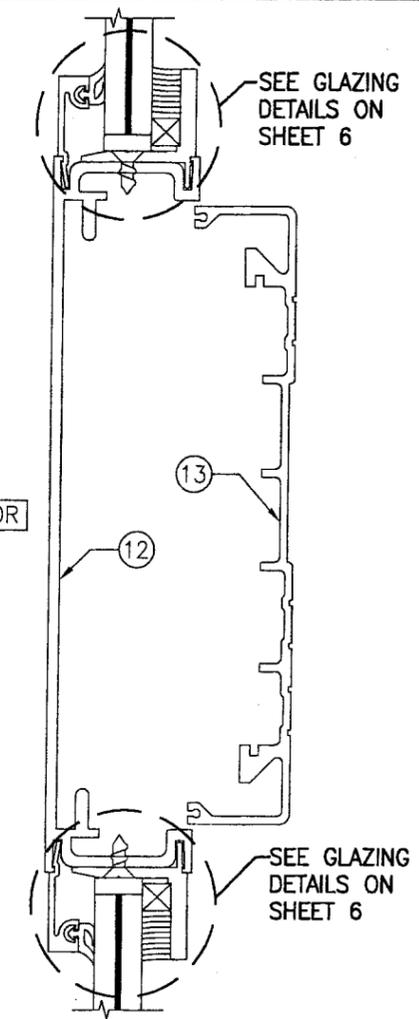
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/10/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 350R OUTSWING ALUMINUM STOREFRONT DOORS - LMI	
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-6802 FAX: 561-775-4803	
CERTIFICATION	JUL 06 2006 WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1460	REV.
SHEET NO. 4 OF 8	



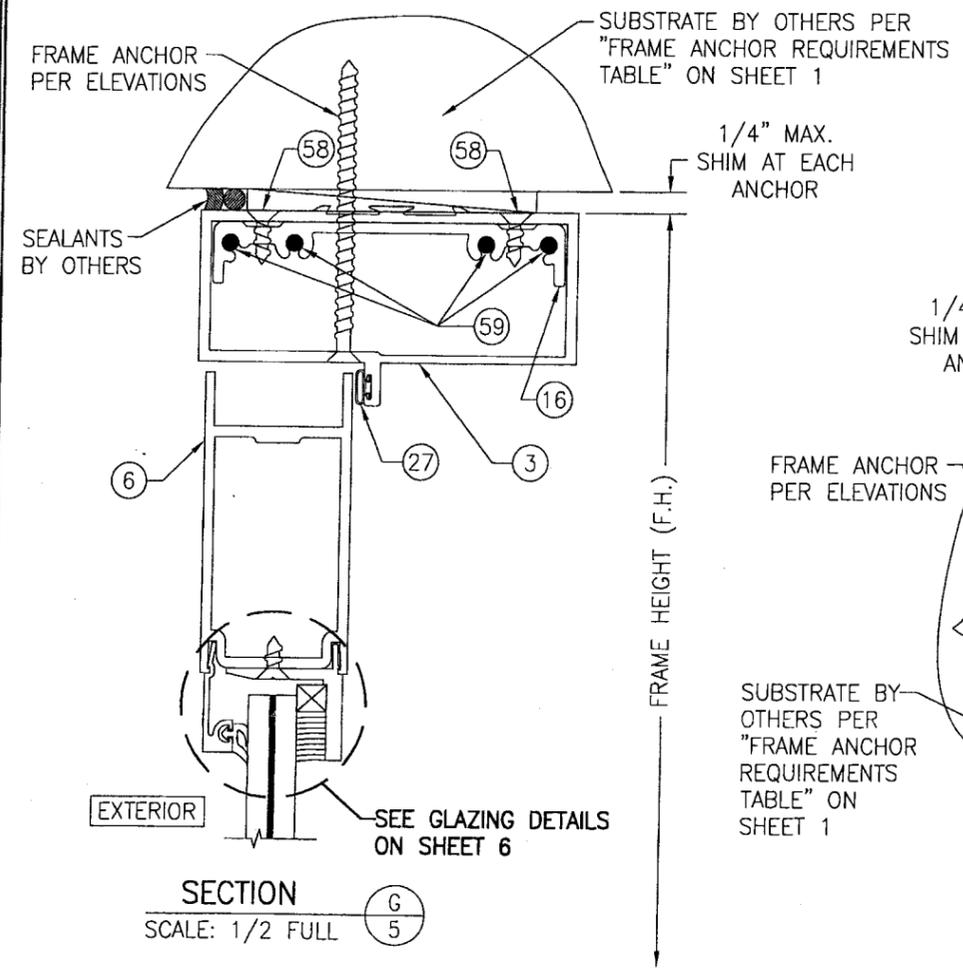
SECTION D
SCALE: 1/2 FULL



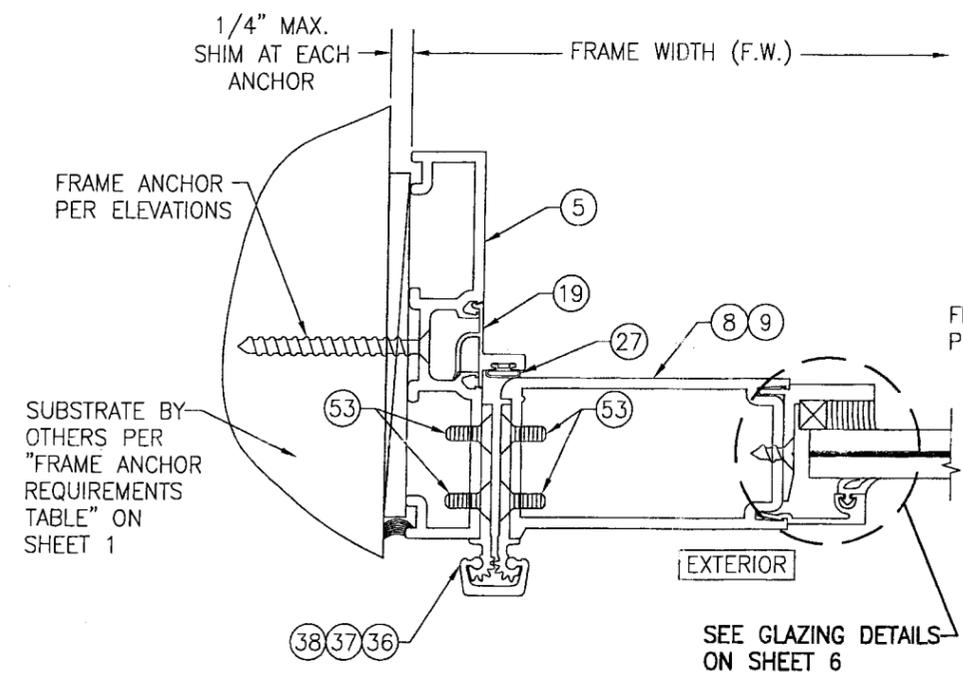
SECTION E
SCALE: 1/2 FULL



SECTION F
SCALE: 1/2 FULL

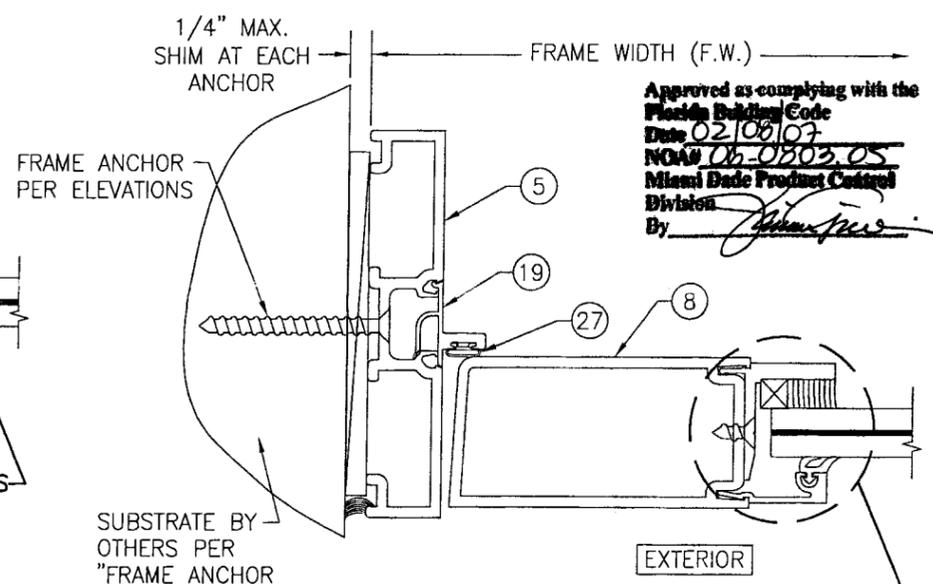


SECTION G
SCALE: 1/2 FULL



SECTION H
SCALE: 1/2 FULL

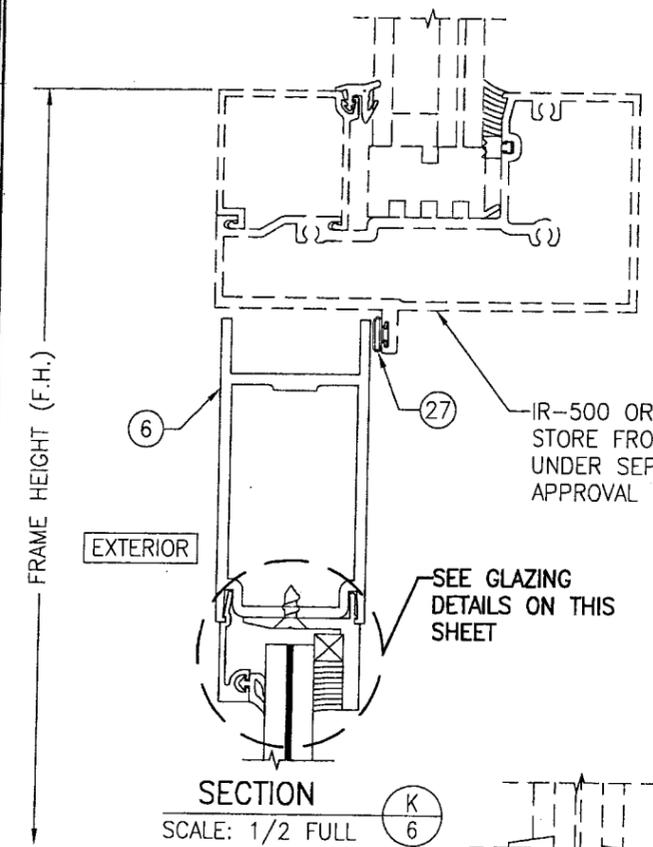
(GEAR HINGE CONDITION SHOWN; FOR OTHER HINGE CONDITIONS APPLICABLE TO THIS SECTION, SEE SECTIONS C1/3 & C3/3)



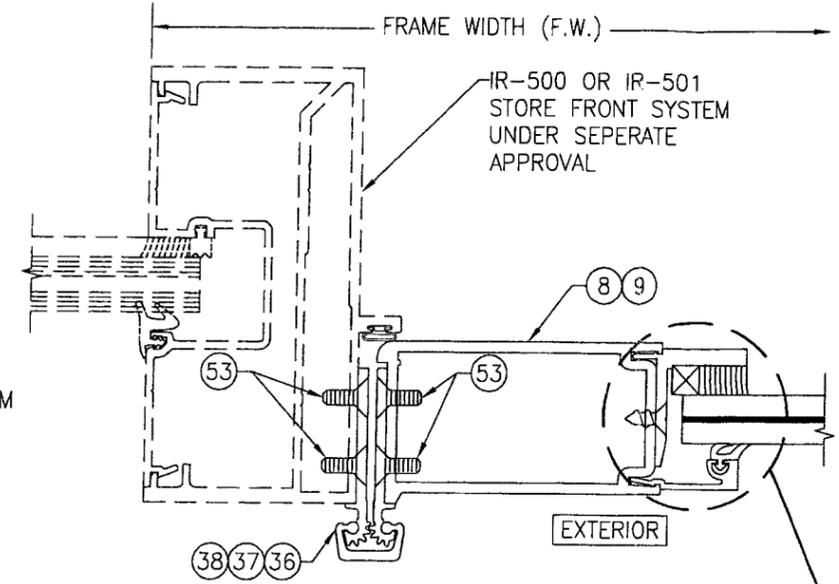
SECTION J
SCALE: 1/2 FULL

Approved as complying with the Florida Building Code
Date 02/06/07
NOA# 06-0303.05
Miami Dade Product Control Division
By *[Signature]*

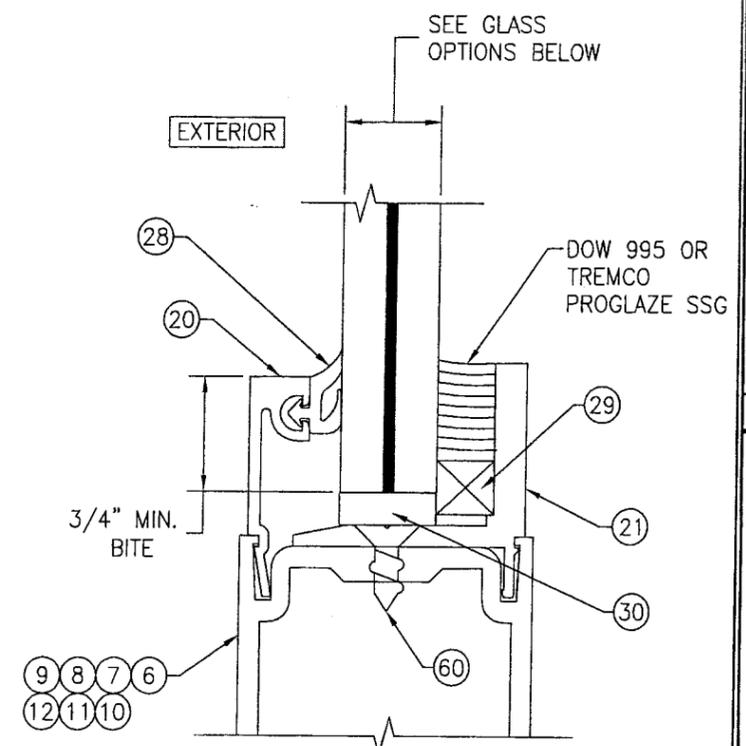
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 11/10/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: KAWNEER COMPANY, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION: JUL 06 2006 W. W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1460		REV. 5	
SHEET NO. 8 OF 8			



SECTION K
SCALE: 1/2 FULL

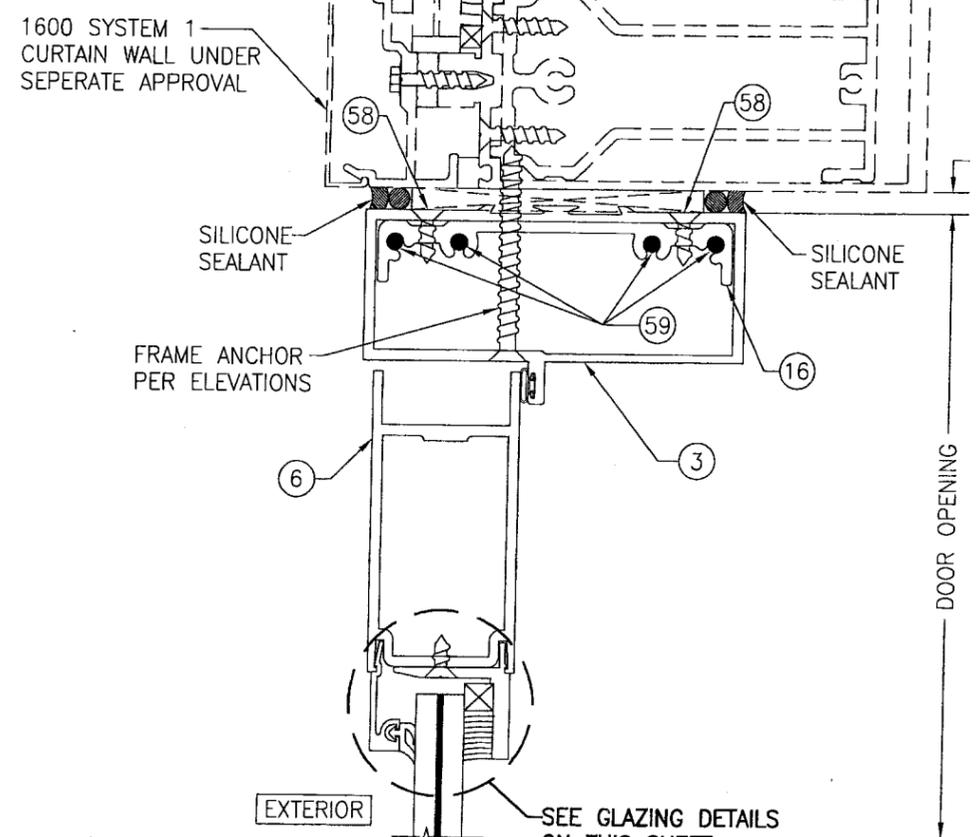


SECTION L
SCALE: 1/2 FULL
(GEAR HINGE CONDITION SHOWN; FOR OTHER HINGE APPLICABLE TO THIS SECTION, SEE SECTIONS C1/3 & C3/3)

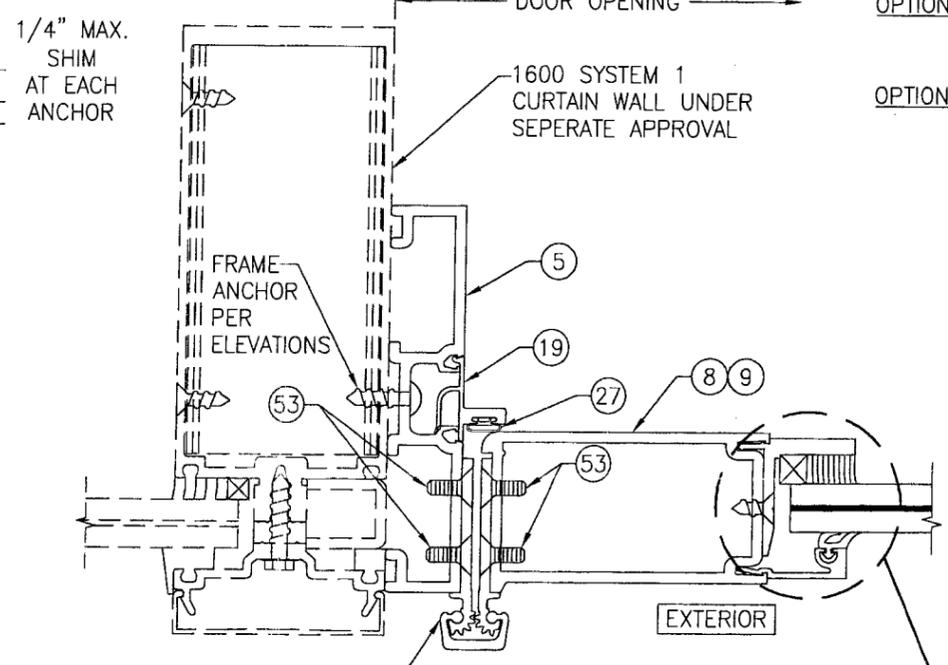


TYP. GLAZING DETAIL
SCALE: 1/1 FULL

- GLASS OPTIONS:**
- OPTION 1: 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.09 SOLUTIA SAFLEX IIII PVB/1/4" HT. ST.)
 - OPTION 2: 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.09 DUPONT BUTICITE PVB/1/4" HT. ST.)



SECTION M
SCALE: 1/2 FULL



SECTION N
SCALE: 1/2 FULL
(GEAR HINGE CONDITION SHOWN; FOR OTHER HINGE CONDITIONS APPLICABLE TO THIS SECTION, SEE SECTIONS C1/3 & C3/3)

Approved as complying with the Florida Building Code
Date 02/08/07
NGA 06-0803.05
Miami Code Product Control
Division
By *[Signature]*

DRAWING BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 11/10/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER KAWNEER COMPANY, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION W.W.S. P.E. NO. 44135 11/19/06			
DRAWING NO. 1460		REV.	
SHEET NO. 6 OF 8			

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	575-022	HEAD FRAME (IR-500)	6063-T6 ALUMINUM
2	575-122	HEAD FRAME (IR-501)	6063-T6 ALUMINUM
3	450-502	HEAD JAMB	6063-T6 ALUMINUM
4	575-051	SIDE FRAME (IR 500-OR IR-501)	6063-T6 ALUMINUM
5	163-036	SIDE FRAME (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
16	450-103	HEAD JAMB BAR CLIP	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
19	450-520	SIDE JAMB DOOR STOP	6063-T6 ALUMINUM
20	575-043	EXTERIOR DOOR GLASS STOP	6063-T6 ALUMINUM
21	575-045	INTERIOR DOOR GLASS STOP	6063-T6 ALUMINUM
22	069-139	DOOR THRESHOLD	6063-T6 ALUMINUM
SEALS AND SEALANTS			
27	027-078	DOOR BULB WEATHERING	ALCRYN
28	027-563	FIXED DOOR GASKET	EPDM
29	127-041	GLAZING TAPE / SILICONE SPACER	SEMI-RIGID POLYURETHANE FOAM
30	027-342	DOOR SETTING BLOCK	NEOPRENE
31	200-795	DOOR BOTTOM RAIL WEATHER SWEEP	VARIED
32	200-497	ADJUSTABLE ASTRAGAL WEATHERING	VARIED
HARDWARE			
36	050-821	CONTINUOUS GEAR HINGE	BY HAGER/ROTON
37	037-232	BUTT HINGE (4 PER PANEL)	BY HAGER
38	050-322	TOP OFFSET PIVOT HINGE	BY KAWNEER
	050-331	INTERMEDIATE OFFSET PIVOT HINGE	
	050-326	RH BOTTOM OFFSET PIVOT HINGE	
	050-327	LH BOTTOM OFFSET PIVOT HINGE	
39	3-POINT	LOCK ASSEMBLY FOR ACTIVE DOOR	BY ADAMS-RITE
	50-075	BOLT GUIDE	
	50-078	TOP BOLT	
	50-100	DEADLOCK	
	37-368	BOTTOM BOLT	
	35-001	CYLINDER	
37-176	THUMBTURN		
	137-700	CO-9 PUSH / CP-II PUSH PACKAGE	
40	50-079	INACTIVE DOOR TOP FLUSH BOLT	BY ADAMS-RITE
41	50-075	INACTIVE DOOR BOTTOM FLUSH BOLT	BY ADAMS-RITE

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
HARDWARE CONTINUED			
42	-	CONCEALED ROD EXIT/PANIC DEVICE	JACKSON 2086
43	-	CONCEALED ROD EXIT/PANIC DEVICE	KAWNEER 1686
44	50-100	CONCEALED ROD EXIT/PANIC DEVICE	SARGENT 8400
45	-	CONCEALED ROD EXIT/PANIC DEVICE	PANELINE CR-90
MISCELLANEOUS FASTENERS			
51	-	NO. 12 X 2" SCREW	3" FROM ENDS & MAX. 11" O.C.
52	-	NO. 12-24 X 9/16" S.S SCREW	8 PER HINGE
53	-	NO. 12-24 X 13/32" SCREW	2 9/16" FROM ENDS & MAX. 5 1/8" O.C. (52 MAX. PER HINGE)
54	-	5/16"-18 X 5/8" SCREW	2 PER TOP PIVOT HINGE
55	-	NO. 12-24 X 9/16" S.S SCREW	2 PER INTERMEDIATE PIVOT HINGE
56	-	1/4-20 X 3/8" SCREW	3 PER BOTTOM PIVOT HINGE
57	-	NO. 6 X 11/16" SCREW	10 PER LEAF
58	-	NO. 10 X 9/16" S.S SCREW	2 PER CLIP
59	-	NO. 10 X 1 19/32" S.S. SCREW	4 PER CLIP
60	-	NO. 10 X 1/2" S.S. SCREW	3" FROM ENDS & MAX. 7 1/2" O.C. AT TOP & BOTTOM RAILS - 3" FROM ENDS & MAX. 11 1/8" O.C. AT STILES
61	-	NO. 6 X 3/4" S.S. SCREW	1/4" FROM ENDS & MAX. 9 17/32" O.C.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 11/10/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE 350IR OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER KAWNEER COMPANY, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION JUL 06 2008 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1460		REV.	
SHEET NO. 8		OF 8	

Approved as complying with the Florida Building Code
Date 02/08/07
NCA# 06-0103-05
Miami State Freedom Council
Division
By *[Signature]*