



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Kawneer Company, Inc.
 555 Guthridge 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 and accepted by Miami-Dade County PERA -Product Control 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. PERA 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 "350 IR" Aluminum Outswing Storefront Door-L.M.I.

APPROVAL DOCUMENT: Drawing No. 1569 Rev C, titled "350 IR 9' Outswing Aluminum Storefront Doors - LMI", sheets 1 through 9 of 9, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 04/02/08 and last revised on Jan 06, 2015, signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitations:

1. See sheet 1 for door size & 3-point lock option and sheet 2 for door size & Panic lock options 2 & 3.
2. Doors are not rated approved, where water infiltration is required unless overhang complying w/FBC requirements
3. When doors are installed into Kawneer's Storefronts or Curtain Wall System (under separate approvals), such system must provide reinforced mullions per detail G1/6 & G2/6, proper Door openings sizes limitations and door mullion end anchors and to be reviewed by Building official. Lower Design Pressure of the Door or the System shall control the entire assembly.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series 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 revises NOA #14-0128.10 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



4/15/15

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections. (Submitted under files #11-1027.15 /#08-0219.07)
2. Drawing No. 1569 Rev C, titled "350 IR 9' Outswing Aluminum Storefront Doors - LMI", sheets 1 through 9 of 9, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 04/02/08 and last revised on Jan 06, 2015, signed and sealed by Warren W. Schaefer, P. E.

Note: This revision consists of addition of new panic devices, IG glazing & updating FBC 2014(5th edition).

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(Not performed)
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagrams of aluminum outswing storefront doors, prepared by Architectural Testing, Test Reports No. **D3741.01-550-18**, dated 04/23/14, signed and sealed by Vinu J. Abraham, P. E., (test report revised by addendum letter dated Nov 07, 2014, issued by Architectural Testing).

Along with marked-up drawings and installation diagrams of aluminum outswing storefront doors, prepared by Hurricane Test Laboratory, Inc., Test Reports No.

HTL-0049-0611-04 dated **06-07-04**, **HTL- 0049-1106-04** dated 11/03/04 and

G049-1005-06 dated 10/03/06, all signed and sealed by Vinu J. Abraham, P. E. (Submitted under file #11-1027.15 /#08-0219.07) Note: These test reports have been revised by addendum letters, issued by Hurricane Testing lab, dated FEB 10, 2009, signed & sealed by Vinu J. Abraham, P.E.)

C. CALCULATIONS

1. Anchor verification calculations, complying with FBC 2014(5th edition), prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 02/04/14 and last revised on 10/07/14, signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies w/ ASTME-1300-02 & -04

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-1231.10** issued to Eastman Chemical Company, (Former Solutia Inc.) for "Saflex: Clear & color glass interlayer", expiring on 05/21/16.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th edition) & "No financial interest", prepared by W. W. Schaefer Engineering & Consulting, P.A., dated May 19th, 2014, signed and sealed by Warren W. Schaefer, P.E.
2. Statement of Lab compliance, as part of above referenced test reports.

G. OTHER

1. This NOA revises NOA # **14-0128.10**, expiring on 04/22/2019.
2. Kawneer 1600 System 1 Curtain wall, IR 500 & IR 501 Storefront System, under separate approval.
3. Test proposals dated 07/22/13 & 07/26/13 approved by RER.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 14-0602.01
Expiration Date: April 22, 2019
Approval Date: January 15, 2015

GENERAL NOTES:

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. 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.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, 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.
5. 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).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. 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.
8. 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.
9. 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.
10. 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.

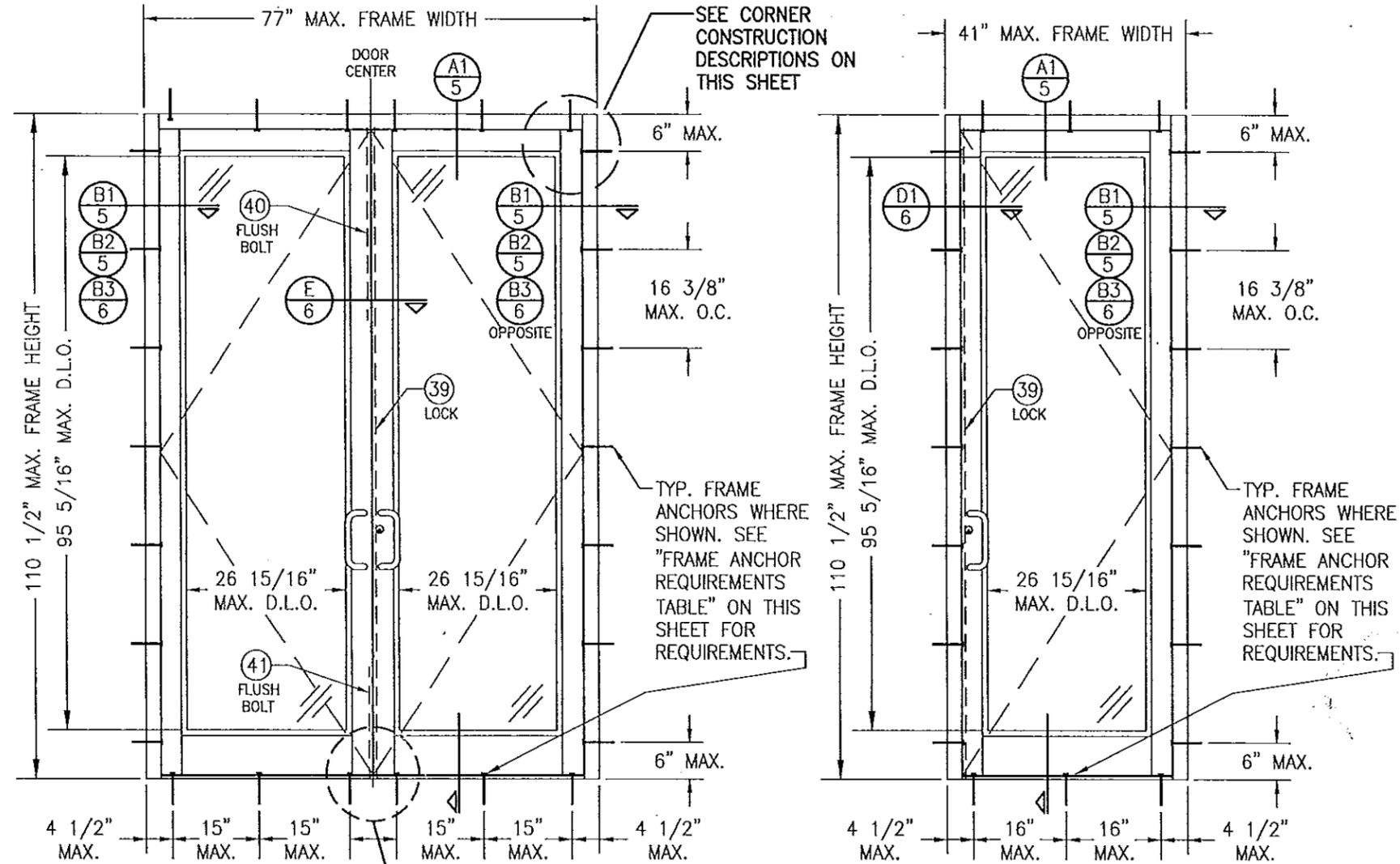
CORNER & FRAME END CONSTRUCTION FOR SHEET 1 ELEVATIONS:

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.

NOTE: THESE DOOR UNITS 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 17.



**EXTERIOR ELEVATION:
DOUBLE DOOR WITH STORE FRONT FRAMING &
STANDARD INSTALLATION**

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)

**EXTERIOR ELEVATION:
SINGLE DOOR WITH STORE FRONT
FRAMING & STANDARD INSTALLATION**

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)

FRAME ANCHOR REQUIREMENTS TABLE

FRAME SHEAR SCREWS				
ANCHOR TYPE	OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
A	(4) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 1/4"	3/4"
B	MIN. 16 GA. 50 KSI METAL STUD	(2) NO. 12 GR. 5 SELF TAP/DRILLING SCREW	FULL	1/2"
C	MIN. 0.22" THICK A36 STEEL	(2) 1/4-14 SELF DRILL/TAPPING SCREW	FULL	1/2"
D	MIN. 0.1" THK 6063-T6 ALUM. /CURTAIN WALL	(2) 1/4-14 SELF DRILL/TAPPING SCREW	FULL	1/2"
E	(3) C-90 CMU/3000 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 3/4"	2"

- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).
- (2) SELF DRILLING & SELF TAPPING SCREWS SHALL BE MIN. GRADE 5 CORROSION RESISTANT STEEL
- (3) C-90 CMU IS ONLY APPLICABLE AT SIDES OF DOOR OPENING (NOT APPLICABLE TO HEAD & SILL)
- (4) WOOD FRAME OR BUCK MEMBERS MAY BE RIPPED DOWN TO A MINIMUM 4 1/2" DEPTH.

LOCK OPTION 1 IS SHOWN IN THESE ELEVATIONS. LOCK OPTIONS 2 & 3 ALSO APPLY. SEE ELEVATIONS ON SHEET 2 FOR LOCK OPTIONS 2 & 3.

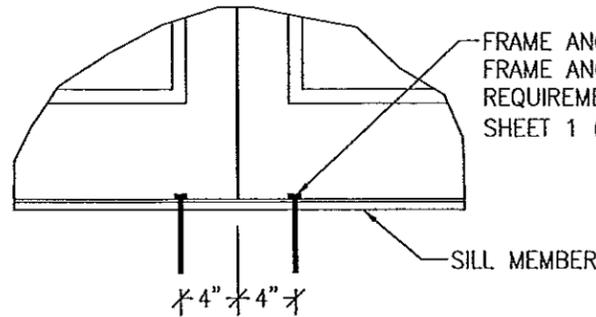
ALLOWABLE DESIGN PRESSURE

+/-65 PSF

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0602-01
Expiration Date APR 22, 2019
By: (Signature)
Miami Dade Product Control

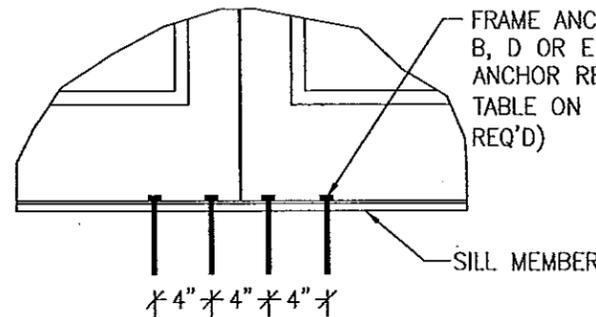
THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/02/08	
NO.	REVISION DESCRIPTION	BY	DATE
A1	UPDATE TO CURRENT STANDARDS	W.R.M.	10/08/11
B1	UPDATE CLASS DESCRIPTION	W.R.M.	09/04/13
C1	ADD NEW LOCK OPTIONS	W.R.M.	01/23/14
DRAWING TITLE: 3501R 9' 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. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION: JAN 06 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1569		REV. C	
SHEET NO. 1 OF 9			



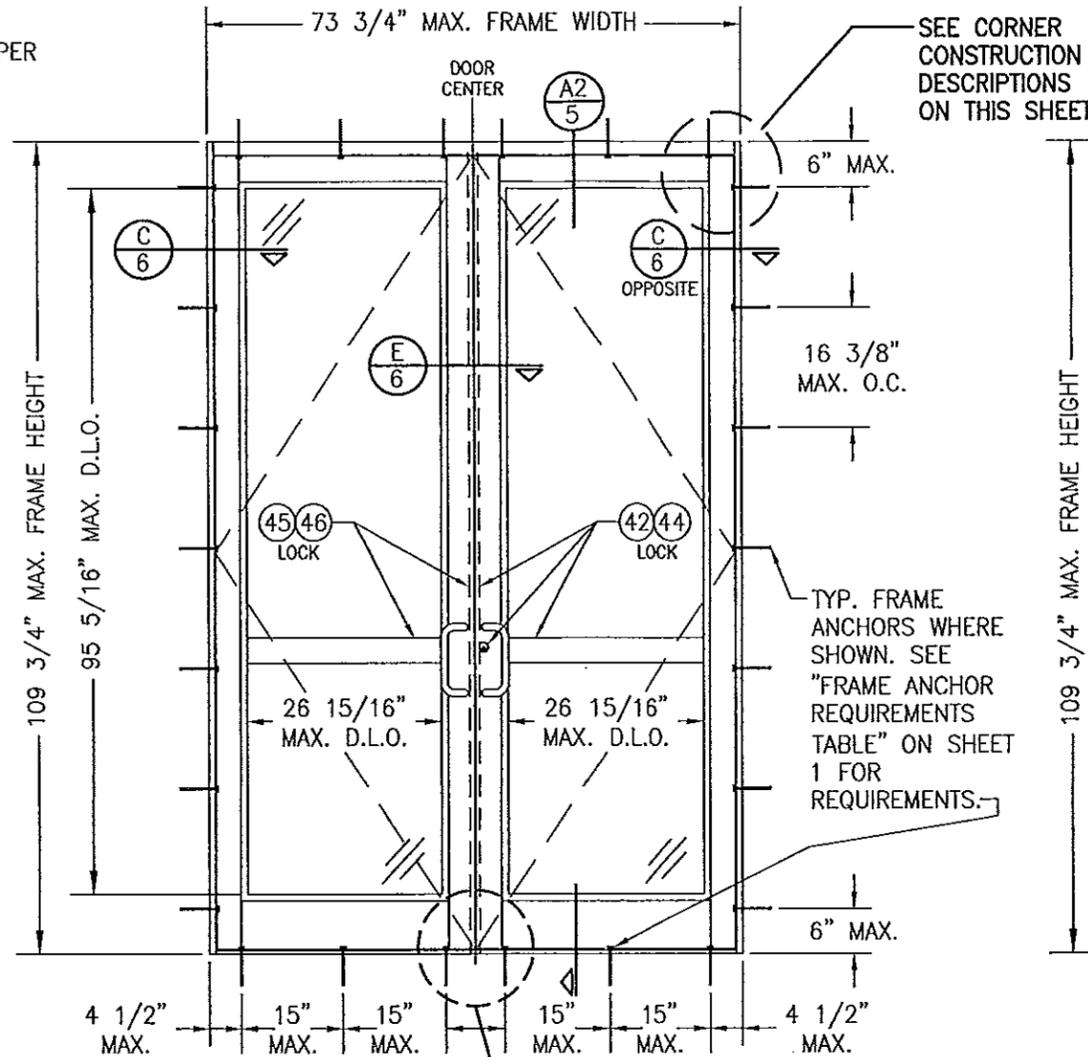
**MEETING STILE END CONNECTION
(ANCHOR TYPE C)**

(SILL CONDITION SHOWN; HEAD CONDITION IS SAME)



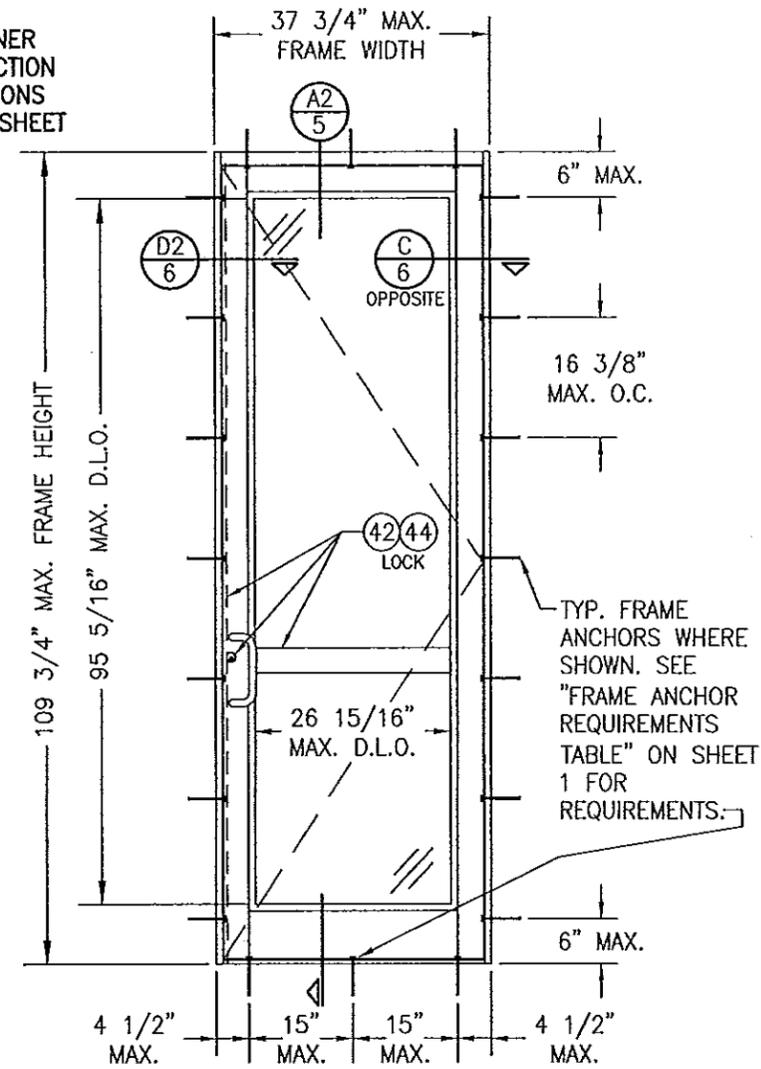
**MEETING STILE END CONNECTION
(ANCHOR TYPE A, B, D OR E)**

(SILL CONDITION SHOWN; HEAD CONDITION IS SAME)



**EXTERIOR ELEVATION;
DOUBLE DOOR WITH STANDARD FRAMING &
STANDARD INSTALLATION**

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)



**EXTERIOR ELEVATION;
SINGLE DOOR WITH STANDARD
FRAMING & STANDARD INSTALLATION**

SCALE: 1/2" = 1'-0"
(APPLICABLE WITH ALL HINGE TYPES)

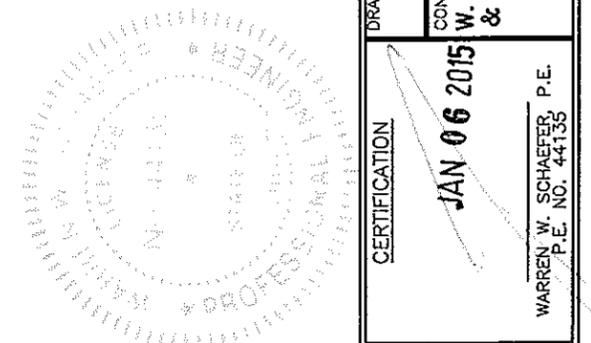
LOCK OPTIONS 2 & 3 ARE SHOWN IN THESE ELEVATIONS. LOCK OPTION 1 ALSO APPLIES. SEE ELEVATIONS ON SHEET 1 FOR LOCK OPTION 1.

ALLOWABLE DESIGN PRESSURE
+/-65 PSF

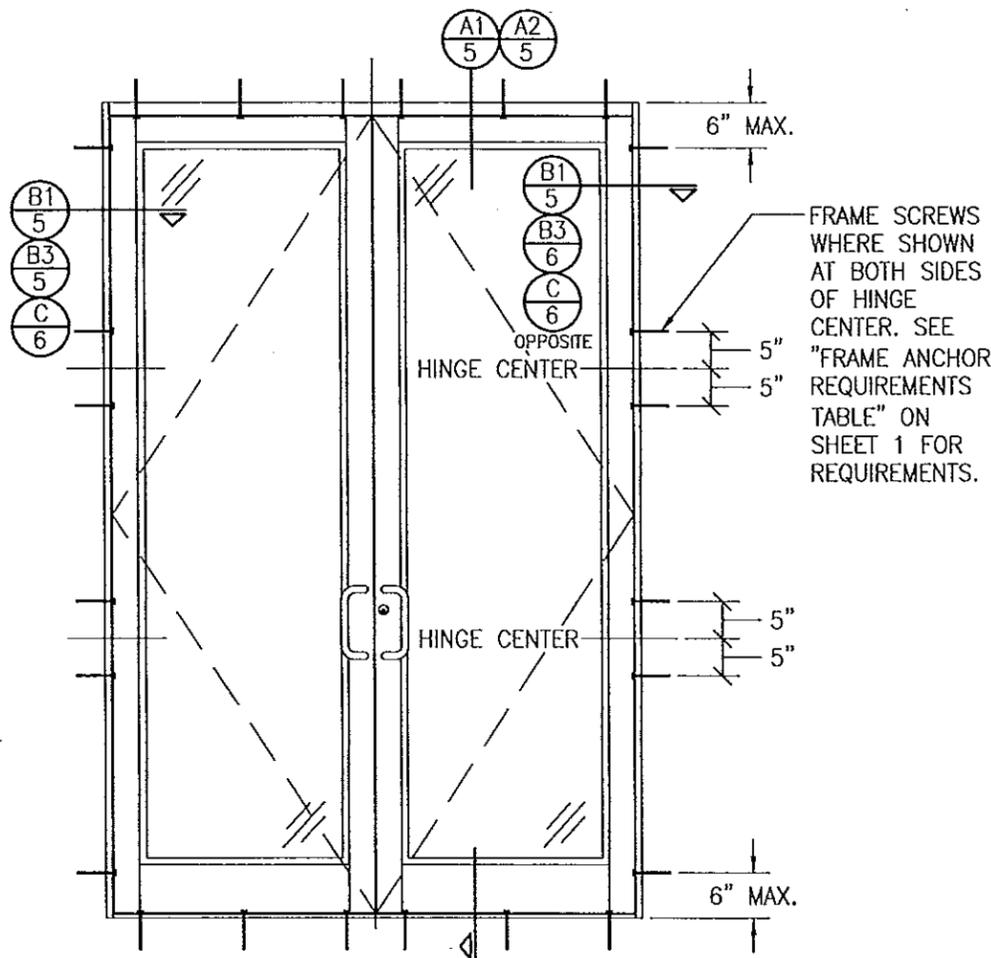
CORNER & FRAME END CONSTRUCTION FOR SHEET 2 ELEVATIONS:

FRAME HEAD CORNER: HEAD IS SQUARE CUT, BUTTED TO SIDE, SECURED WITH SHEAR BLOCK ITEM# 16 (SEE SECTION A2/5) & 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.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0602-01
Expiration Date 4/22/19
By *Isling I. Chaudhry*
Miami Dade Product Control



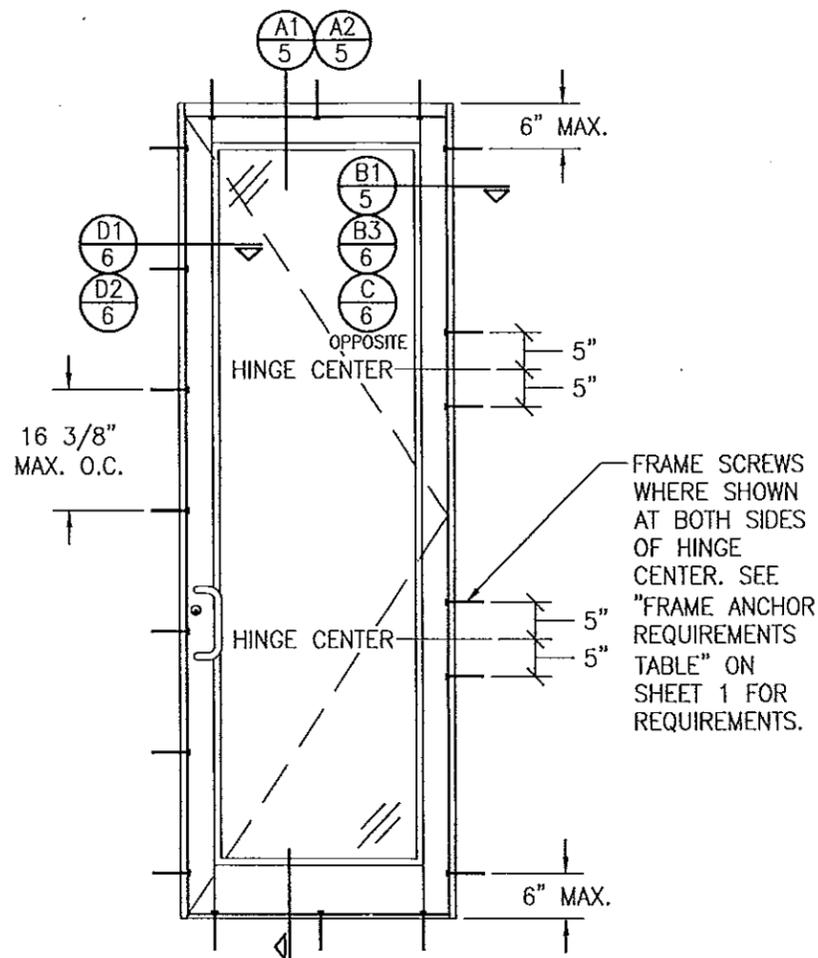
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PLOT: 1-24		DATE: 04/02/08	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION	JAN 06 2015	WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO.	1569	REV.	C
SHEET NO. 2 OF 9			



**EXTERIOR ELEVATION;
DOUBLE DOOR WITH ALTERNATE
INSTALLATION CONDITION**

SCALE: 1/2" = 1'-0"

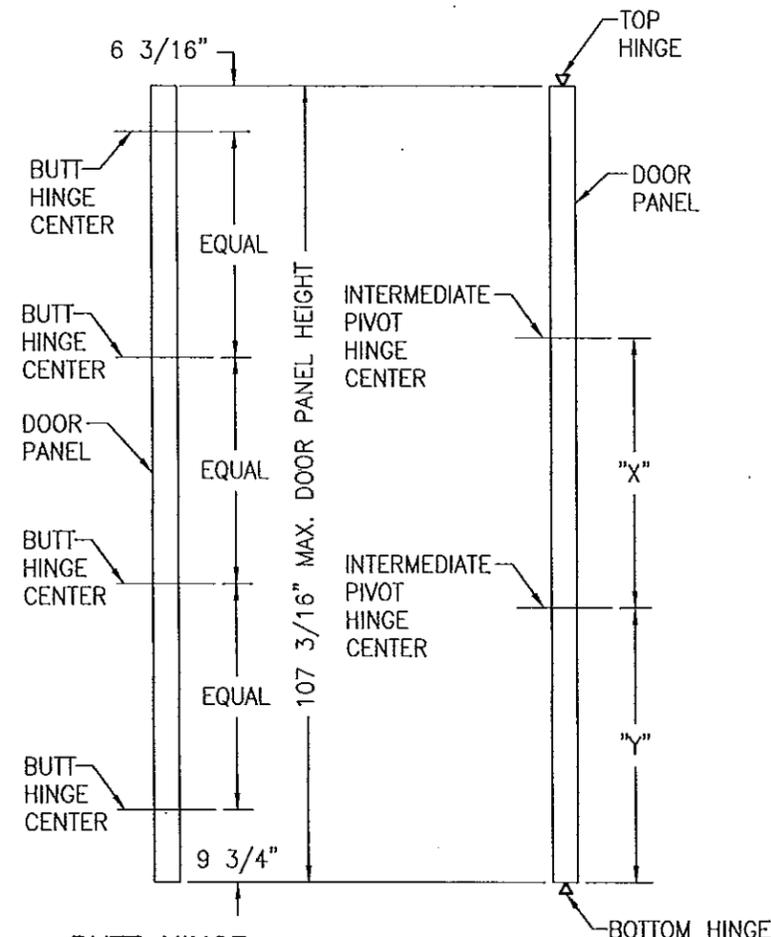
(APPLICABLE WITH BUTT & PIVOT HINGE DOORS ONLY)
(FOR DOOR DETAIL & HARDWARE NOT SHOWN, SEE
ELEVATIONS ON SHEETS 1 & 2)
(ELEVATION SHOWN WITH STANDARD FRAMING.
STOREFRONT FRAMING ALSO APPLIES)



**EXTERIOR ELEVATION;
SINGLE DOOR WITH ALTERNATE
INSTALLATION CONDITION**

SCALE: 1/2" = 1'-0"

(APPLICABLE WITH BUTT & PIVOT HINGE DOORS ONLY)
(FOR DOOR DETAIL & HARDWARE NOT SHOWN, SEE
ELEVATIONS ON SHEETS 1 & 2)
(ELEVATION SHOWN WITH STANDARD FRAMING.
STOREFRONT FRAMING ALSO APPLIES)



**BUTT HINGE
LOCATION DIAGRAM**

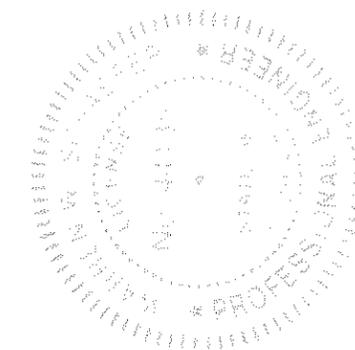
SCALE: 1/2" = 1'-0"

**PIVOT HINGE
LOCATION DIAGRAM**

SCALE: 1/2" = 1'-0"

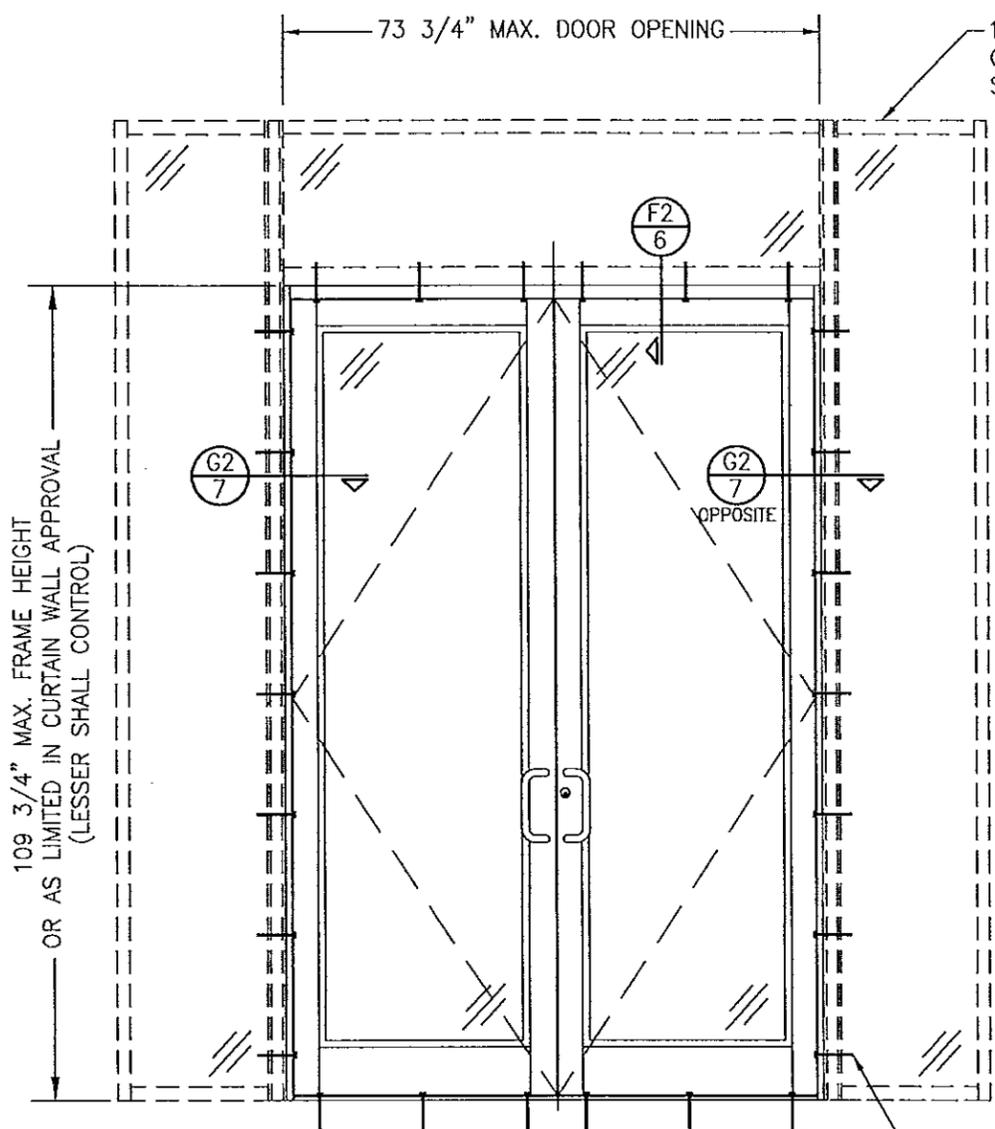
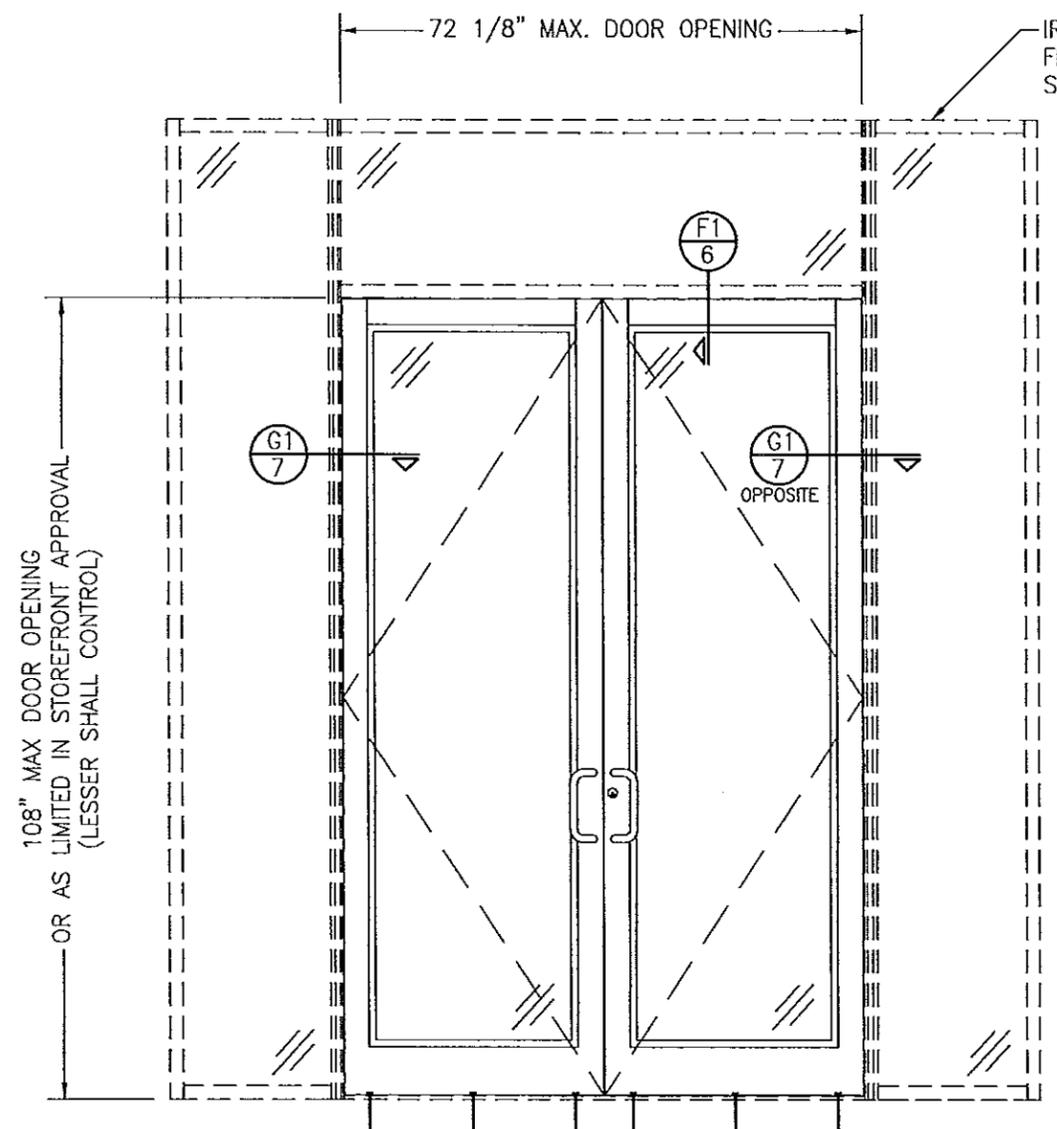
"X" = DOOR PANEL
HEIGHT/2 - 17 3/8"
"Y" = "X" + 3/4"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0602-01
Expiration Date 04/22/19
By *[Signature]*
Miami Dade Product Control



DRAWN BY: W.R.U.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/02/08	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE 350IR 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
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 JAN 06 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1569		REV. C	
SHEET NO. 3 OF 9			

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 04/02/08
NO.	REVISION DESCRIPTION
BY	DATE
DRAWING TITLE 3501R 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION JAN 06 2015	WARREN W. SCHAEFER, P.E. P.E. NO. 44155
DRAWING NO. 1569	REV. C
SHEET NO. 4 OF 9	



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

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

NOTES:

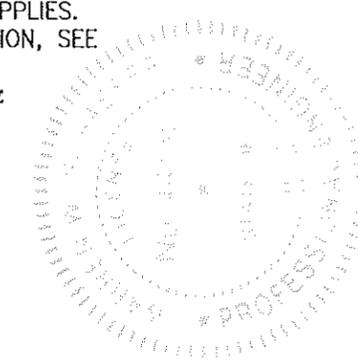
1. FOR DETAILS NOT SHOWN, SEE ELEVATIONS ON SHEETS 1 & 3.
2. DOUBLE DOOR SHOWN; SINGLE DOOR CONDITION ALSO APPLIES.
3. FOR STORE FRONT FRAMING REQUIREMENTS & INSTALLATION, SEE RESPECTIVE STORE FRONT APPROVAL.
4. LESSER ALLOWABLE PRESSURE RATING OF THE DOORS & STOREFRONT SHALL CONTROL FOR THE OVERALL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

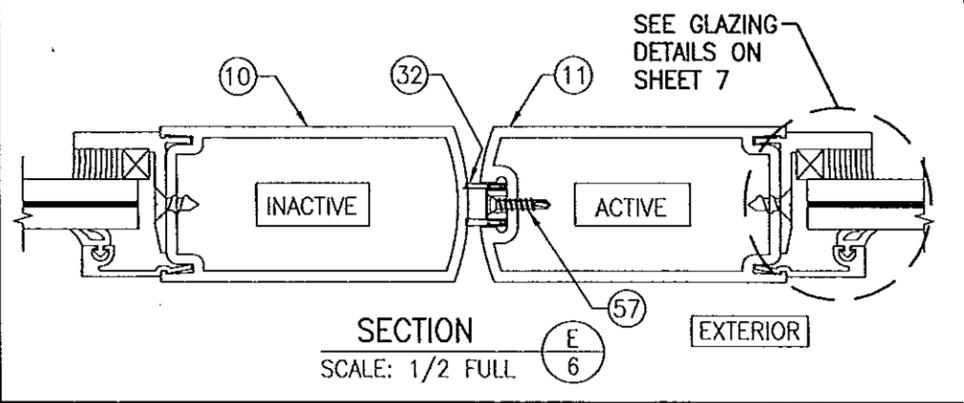
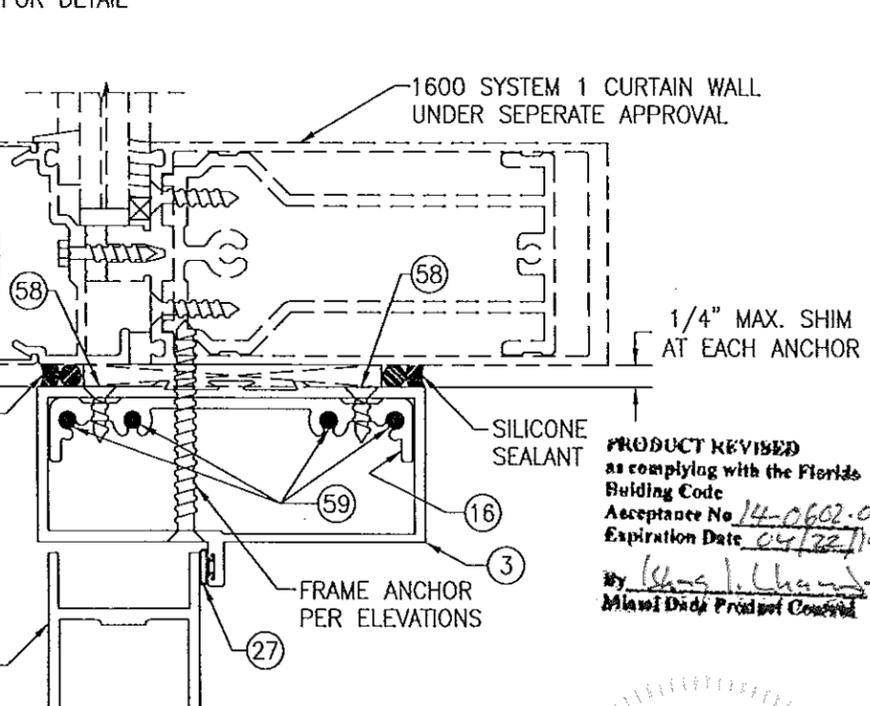
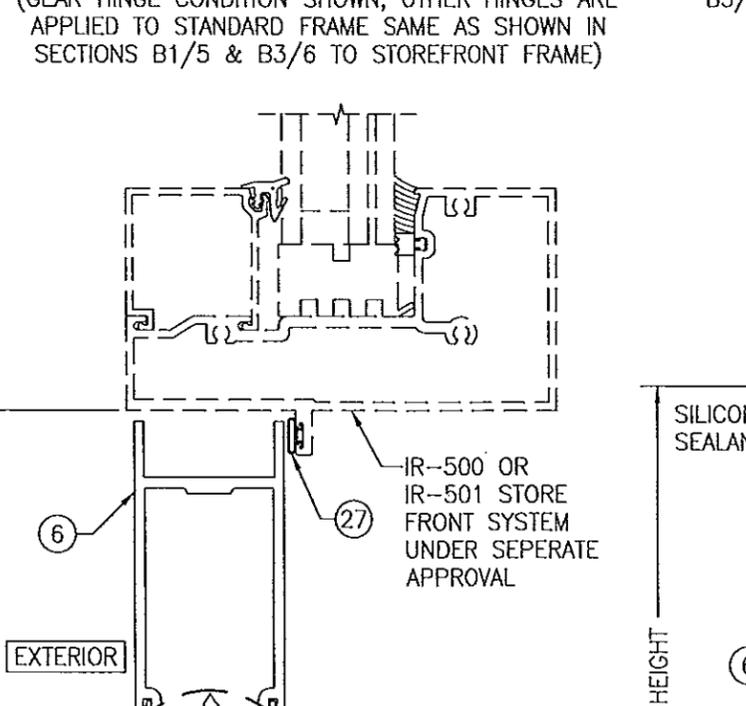
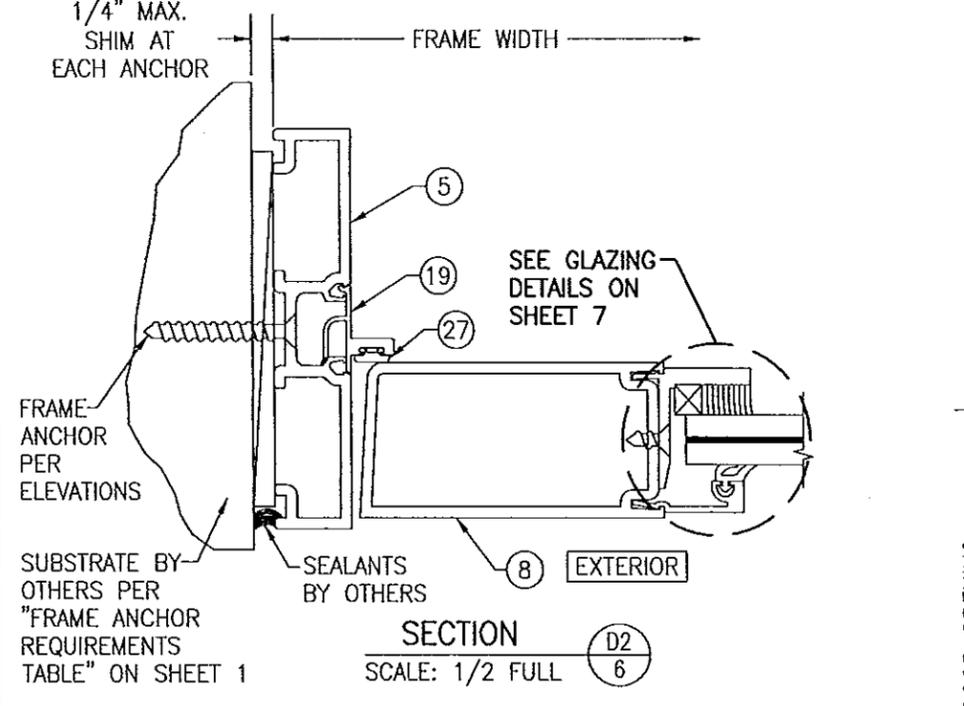
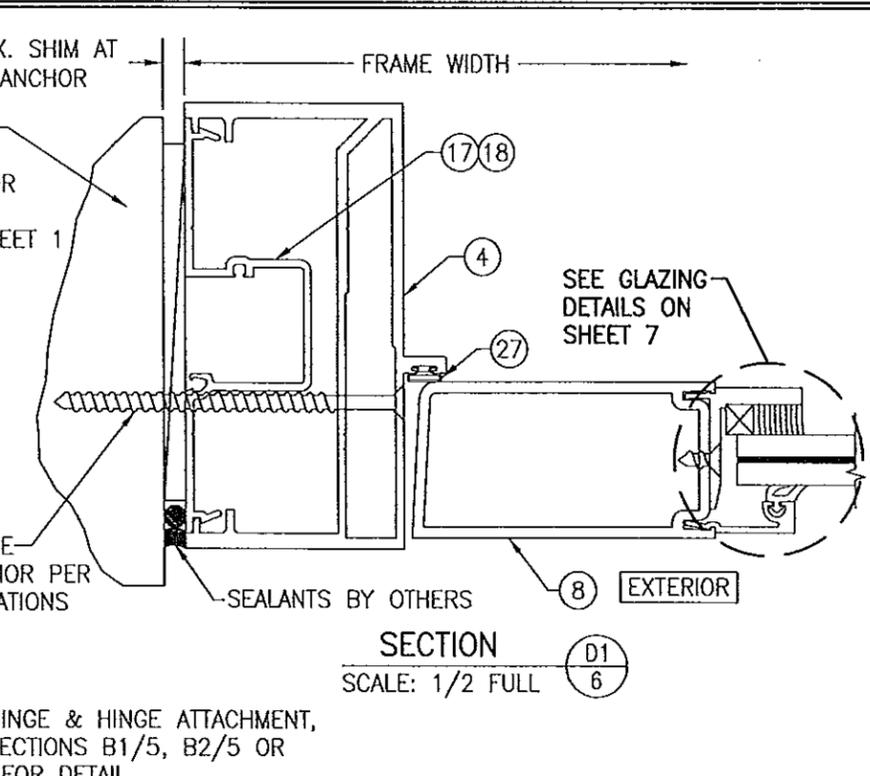
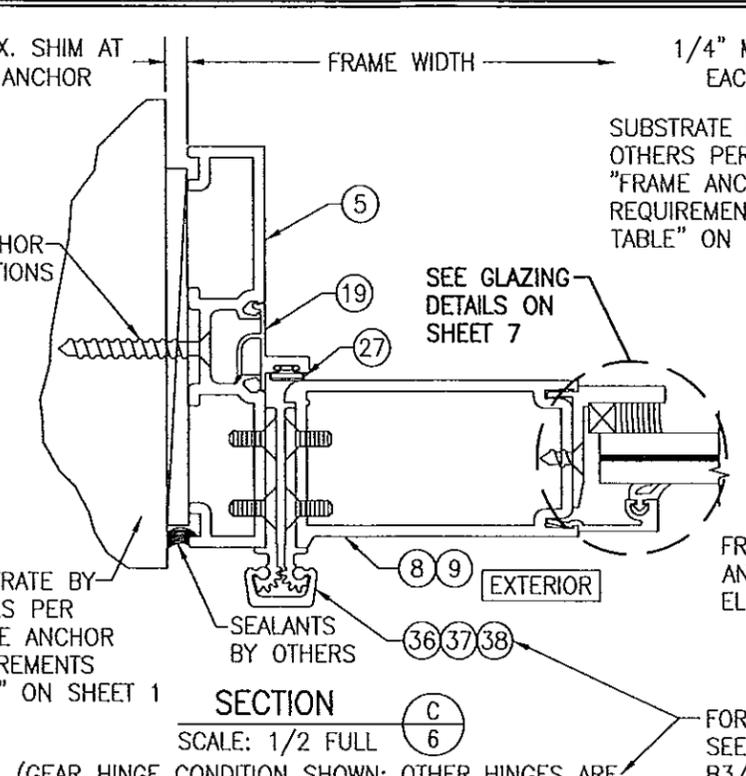
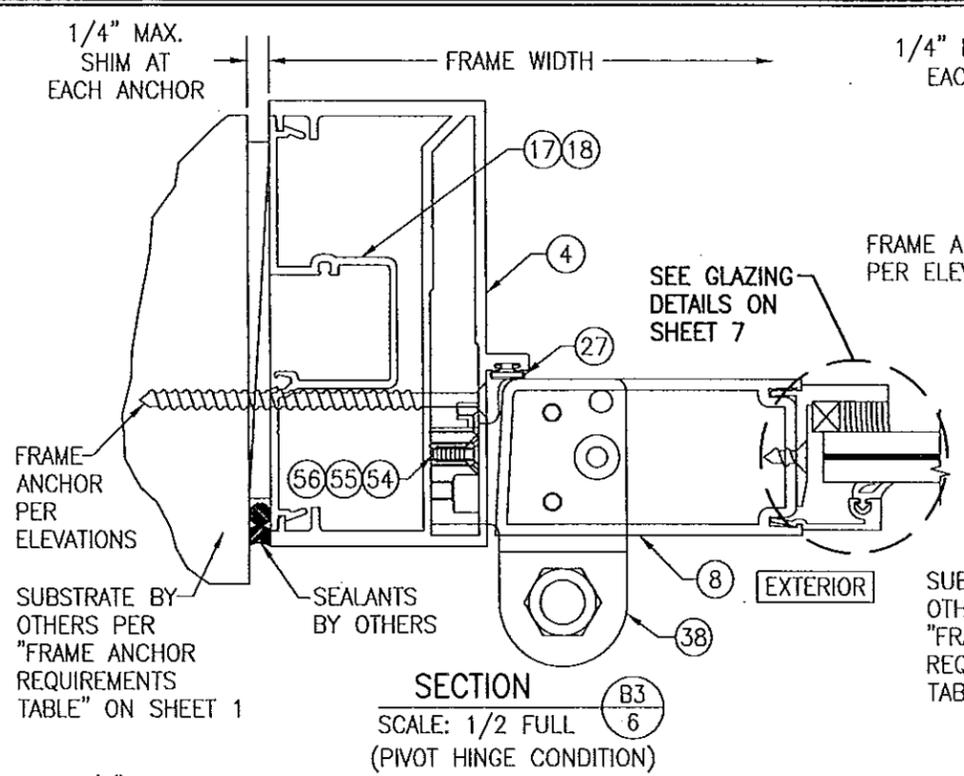
ALLOWABLE DESIGN PRESSURE
+/-65 PSF

NOTES:

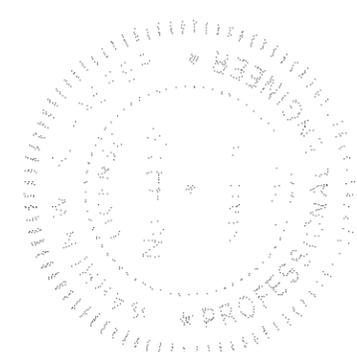
1. FOR DETAILS NOT SHOWN, SEE ELEVATIONS ON SHEETS 2 & 3.
2. DOUBLE DOOR SHOWN; SINGLE DOOR CONDITION ALSO APPLIES.
3. FOR STORE FRONT FRAMING REQUIREMENTS & INSTALLATION, SEE RESPECTIVE STORE FRONT APPROVAL.
4. LESSER ALLOWABLE PRESSURE RATING OF THE DOORS & STOREFRONT SHALL CONTROL FOR THE OVERALL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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0602-01
Expiration Date 04/22/19
By *Ismael I. Chan*
Miami Dade Product Center

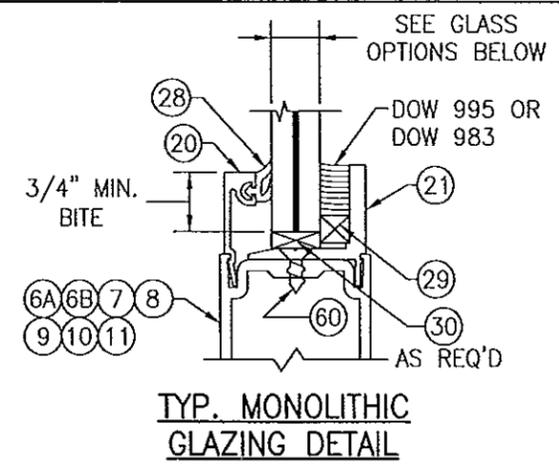
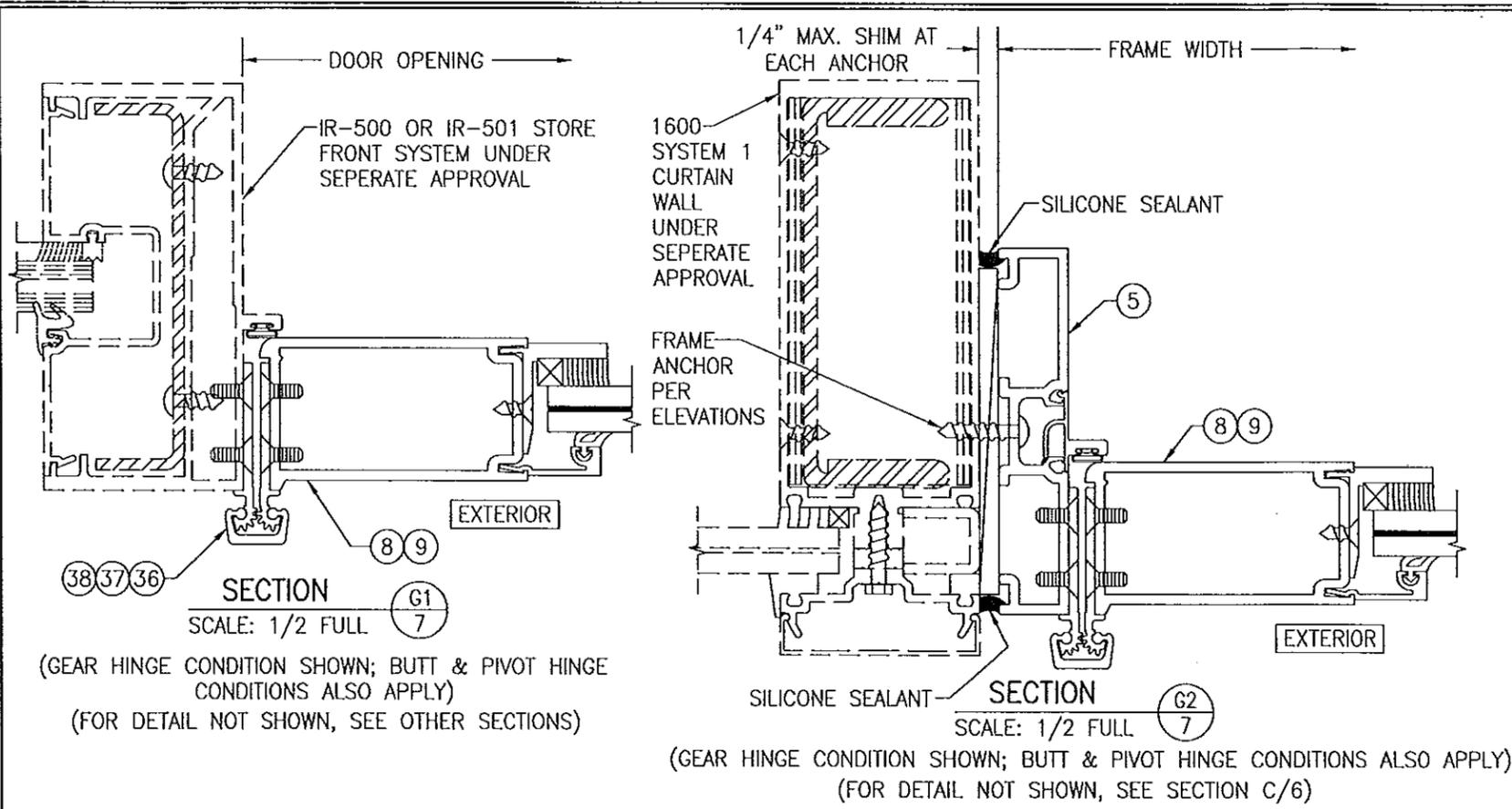




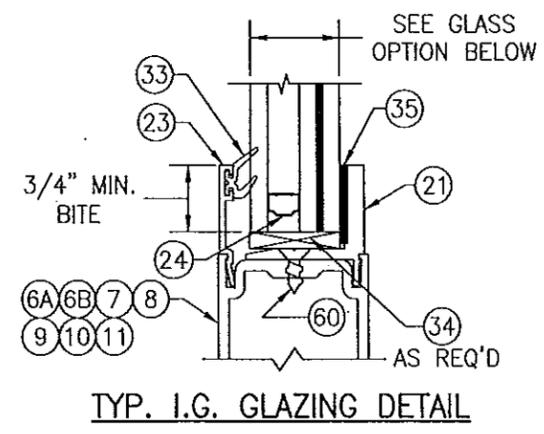
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 04/02/08	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: 3501R 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: KAWNEER COMPANY, INC.	
7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418		555 GUTHRIDGE COURT, NORCROSS, GA 30092	
PHONE: 561-744-3424		770-449-5555	
DRAWING NO. 1569			
SHEET NO. 6 OF 9			
CERTIFICATION: JAN 06 2015			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			



PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 14-0602-01
 Expiration Date 04/22/19
 By: *Warren W. Schaefer*
 Miami Dade Product Control

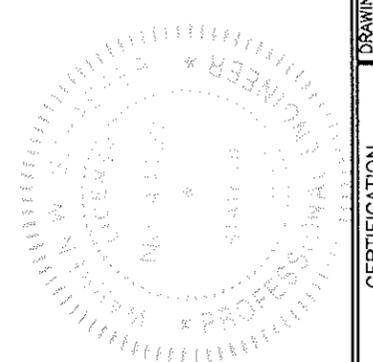


GLASS OPTIONS FOR MONOLITHIC GLASS:
 OPTION 1: 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.100 EASTMAN CHEMICAL CO. SAFLEX/1/4" HT. ST.)
 OPTION 2: 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.090 EASTMAN CHEMICAL CO. SAFLEX/1/4" HT. ST.)

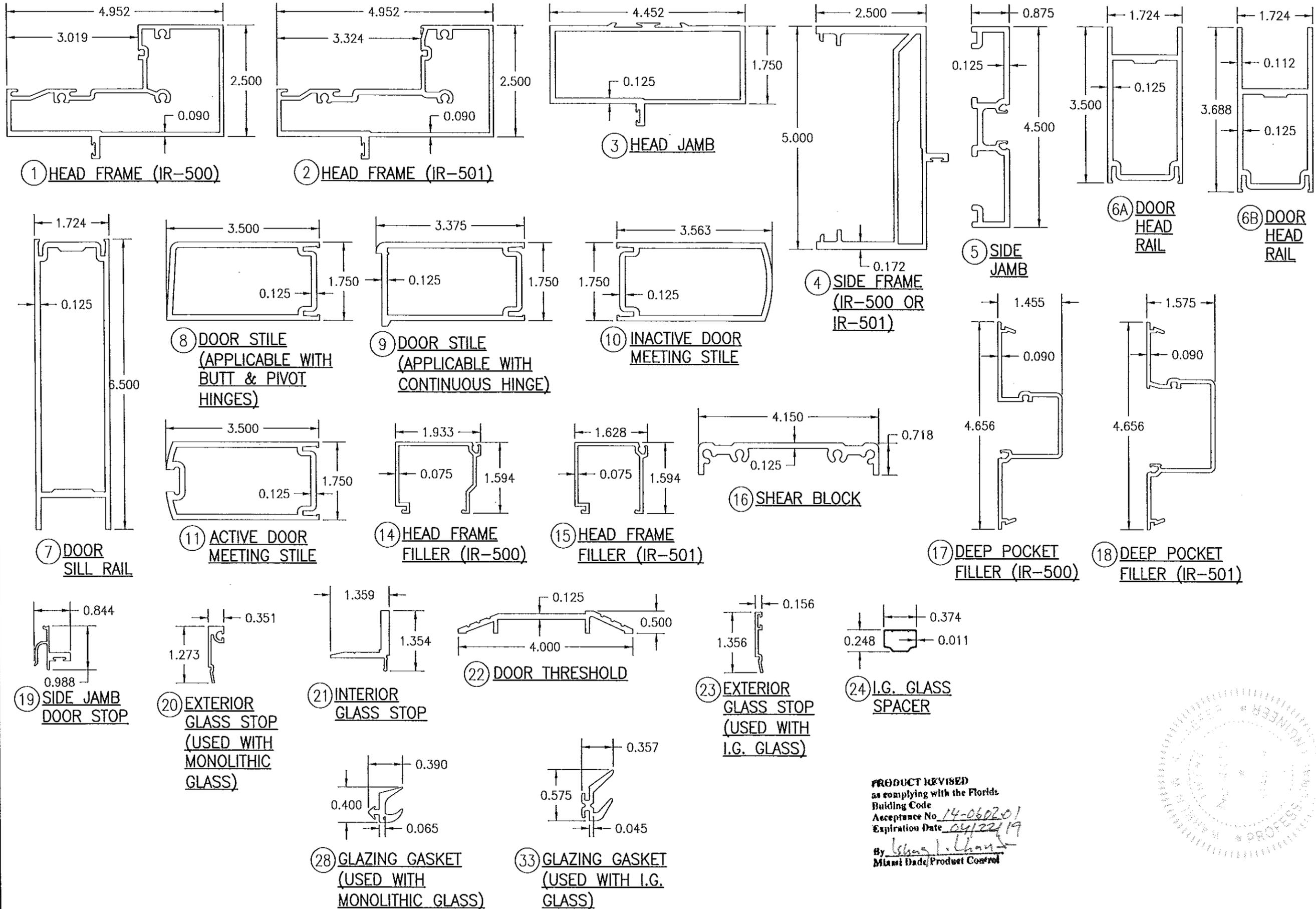


GLASS OPTIONS FOR I.G. GLASS:
 OPTION 3: 1" THICK I.G. LAMINATED GLASS (3/16" TEMP EXTERIOR; 3/8" AIR SPACE; 3/16" HT. ST./0.090" DUPONT SG/3/16" HT. ST. INTERIOR)

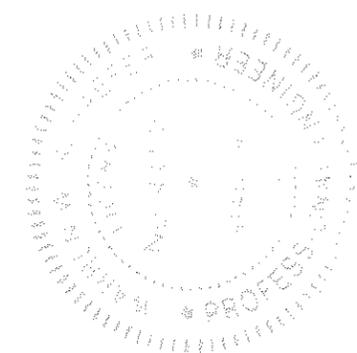
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 14-0602.01
 Expiration Date 04/22/19
 By: *Ismael B. Chavez*
 Miami Dept. Product Control



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 04/02/08	
NO.	REVISION	DESCRIPTION	DATE
350IR 9' 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. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION JAN 06 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1569 REV. C SHEET NO. 7 OF 9	



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-060201
 Expiration Date 04/22/19
 By *Warren W. Schaefer*
 Miami Dade Product Control



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 04/02/08	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE 3501R 9' OUTSWING ALUMINUM STOREFRONT DOORS - LMI			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION JAN 06 2015		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1569	REV. C	SHEET NO. 8 OF 9	

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
6A	200-023	DOOR; TOP RAIL	6063-T6 ALUMINUM
6B	200-024	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
14	575-004	HEAD FRAME FILLER (IR-500)	6063-T6 ALUMINUM
15	575-104	HEAD FRAME FILLER (IR-501)	6063-T6 ALUMINUM
16	450-103	SHEAR BLOCK	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 GLASS STOP (USED WITH MONOLITHIC GLASS)	6063-T6 ALUMINUM
21	575-045	INTERIOR GLASS STOP	6063-T6 ALUMINUM
22	069-139	DOOR THRESHOLD	6063-T6 ALUMINUM
23	575-040	EXTERIOR GLASS STOP (USED WITH I.G. GLASS)	6063-T6 ALUMINUM
24	-	I.G. GLASS SPACER	3005 OR 3105 ALUMINUM
SEALS AND SEALANTS			
27	027-078	DOOR BULB WEATHERING	ALCRYN
28	027-563	GLAZING GASKET (USED WITH MONOLITHIC GLASS)	TREMCO TR-13536E EPDM DUROMETER 70 +/-5
29	127-041	GLAZING TAPE / SILICONE SPACER	SEMI-RIGID POLYURETHANE FOAM
30	027-342	SETTING BLOCK (USED WITH MONOLITHIC GLASS)	NEOPRENE
31	200-795	DOOR BOTTOM RAIL WEATHER SWEEP	VARIED
32	200-497	ADJUSTABLE ASTRAGAL WEATHERING	VARIED
33	027-557	GLAZING GASKET (USED WITH I.G. GLASS)	KRP 027-557 POLYPROPYLENE & SANTOPRENE DUROMETER 65 +/-5
34	027-059	SETTING BLOCK (USED WITH I.G. GLASS)	NEOPRENE
35	200-948	GLAZING TAPE (USED WITH I.G. GLASS)	3M VHB
HARDWARE			
36	050-821	CONTINUOUS GEAR HINGE	BY HAGER/ROTON
37	037-232	BUTT HINGE	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	

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES	
HARDWARE				
39	3-POINT	LOCK ASSEMBLY FOR ACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 1)	BY ADAMS-RITE	
	50-075	BOLT GUIDE		
	50-078	TOP BOLT		
	50-100	DEADLOCK		
	37-368	BOTTOM BOLT		
	35-001	CYLINDER		BY KAWNEER
	37-176	THUMBTURN		
	137-700	CO-9 PUSH / CP-II PUSH PACKAGE		
40	50-079	INACTIVE DOOR TOP FLUSH BOLT (APPLICABLE AS PART OF LOCK OPTION 1)	BY ADAMS-RITE	
41	50-075	INACTIVE DOOR BOTTOM FLUSH BOLT (APPLICABLE AS PART OF LOCK OPTION 1)	BY ADAMS-RITE	
42	-	LOCK ASSEMBLY/CVR PANIC DEVICE FOR ACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 2)	VON DUPRIN HH9947	
		DEADBOLT/CYLINDER	SCHLAGE 037304	
43	-	LOCK ASSEMBLY/PANIC DEVICE FOR INACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 2)	VON DUPRIN HH9947	
44	-	LOCK ASSEMBLY/CVR PANIC DEVICE FOR ACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 2)	FALCON HH1690	
		DEADBOLT/CYLINDER	SCHLAGE 037304	
45	-	LOCK ASSEMBLY/PANIC DEVICE FOR INACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 2)	VON DUPRIN HH9947	
46	-	LOCK ASSEMBLY/PANIC DEVICE FOR INACTIVE DOOR (APPLICABLE AS PART OF LOCK OPTION 2)	FALCON HH1690	
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 3/8" S.S. SCREW	1/4" FROM ENDS & MAX. 9 17/32" O.C.	

DRAWN BY: W.R.N.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 04/02/08	
DATE	BY	REVISION	DESCRIPTION
NO.			
DRAWING TITLE 350IR 9' 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. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION JAN 06 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44133			
DRAWING NO. 1569		REV. C	
SHEET NO. 9 OF 9			

PRODUCT 1569
as complying with the Florida
Building Code
Acceptance No. 14-0602-01
Expiration Date APR 22, 2019
By: [Signature]
Miami State Product Control

