



**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)

**Fleetwood Windows & Doors
P.O. Box 1086
Corona, CA 92878**

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: Series "Norwood 3070HP" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No.1152, titled "Norwood 3070HI Series Impact Sliding Glass Door", sheets 1 through 8 of 8, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 9/17/02 with revision on 2/24/03, signed and sealed by Warren 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 Division.

MISSILE IMPACT RATING: Large and Small 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 revises NOA # 02-1206.01 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime Eisen, P.E.**



*See
5/12/03*

**NOA No 03-0307.01
Expiration Date: January 16, 2008
Approval Date: June 05, 2003
Page 1**

Fleetwood Windows & Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1152**, titled "Norwood 3070HI Series Impact Sliding Glass Door", sheets 1 through 8 of 8, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 9/17/02 with revision on 2/24/03, signed and sealed by Warren Schaefer, P.E.

B. TESTS

Submitted under NOA#02-1206.01

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 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Architectural Testing, Reports No. 03-31337.01 dated 12/12/01 and 03-31337.02 dated 3/15/02, signed and sealed by Allen N. Reeves, P.E.

C. CALCULATIONS

Submitted under NOA#02-1206.01

1. Anchor Calculations and structural analysis, prepared, signed, sealed and dated by Warren W. Schaefer, P.E.

MATERIAL CERTIFICATIONS

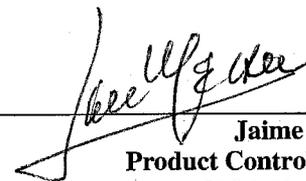
1. Notice of Acceptance No. **02-1205.03** issued to Security Impact Glass Holdings L.L.C. for "SAF-GLAS" dated 1/2/03, expiring on 12/16/07.

D. STATEMENTS

1. None

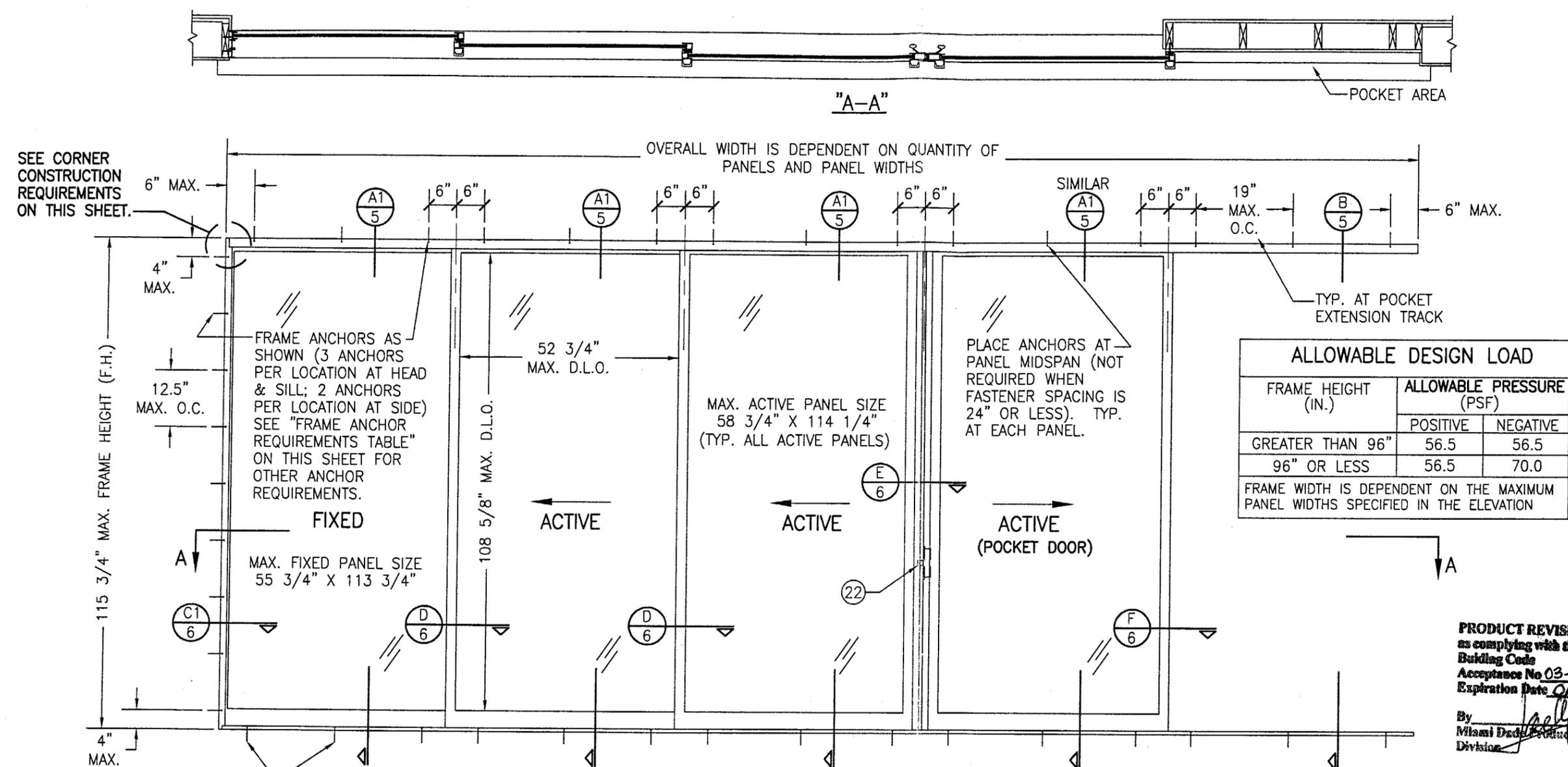
F. OTHER

1. Notice of Acceptance No. **02-1206.01** Fleetwood Windows & Doors, Norwood 3070HI Series Impact Sliding Glass Door, approved on 12/20/01 and expiring on 12/02/02.



Jaime Eisen, P.E.
Product Control Examiner
NOA No 03-0307.01
Expiration Date: January 16, 2008
Approval Date: June 05, 2003

DRAWN BY:	W.W.S.	CHECKED BY:	W.W.S.
PLOT:	1-24	DATE:	09/17/02
DATE	02/24/03	BY	
REVISION DESCRIPTION	A1 MANUFACTURER NAME CHANGE	K.P.S.	02/24/03
NO.	A2	ADDED SHEET B, OPTIONAL	
		RAILS, LOCK STILES, ROLLER, & SILL COVER	



ALLOWABLE DESIGN LOAD		
FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (PSF)	
	POSITIVE	NEGATIVE
GREATER THAN 96"	56.5	56.5
96" OR LESS	56.5	70.0

FRAME WIDTH IS DEPENDENT ON THE MAXIMUM PANEL WIDTHS SPECIFIED IN THE ELEVATION

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 03-0307.01
 Expiration Date 01/16/08
 By: *[Signature]*
 Miami Dept. of Building Control
 Division

**EXTERIOR ELEVATION:
 TYPICAL POCKET DOOR CONDITION**

3 PANEL + 1 PANEL SHOWN; ANY COMBINATION OF FIXED & OPERABLE USING 2 OR MORE PANELS IS APPLICABLE (THERE IS NO LIMIT TO NUMBER OF PANELS AT EITHER THE POCKET OR TRACK SIDE EXCEPT AS LIMITED BY THE OPENING SIZE.)

* FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 SMS SCREW	FULL	3/8"
CMU/CONCRETE	(1) 1/4" CONCRETE SCREWS	1 1/4"	1 3/4"

(1) CONCRETE SCREWS SHALL BE ITW RAMSET/RED HEAD TAPCONS, ELCO TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

* ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, ANCHORED TO A MIN. 18 GA. 33 KSI METAL STUD OR ANCHORED TO A MIN. 2X4 NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2X_ BUCK OR METAL STUD, NO. 10 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER TO BLOCK/CONCR. 1/4" CONCRETE SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

CORNER CONSTRUCTION:

FRAME HEAD: COPE SIDE TRACK, BUTT HEAD TRACK TO SIDE TRACK & SECURE WITH 2 NO. 10 X 3/4" SMS THROUGH SIDE TRACK INTO HEAD TRACK SPLINES.

FRAME SILL: COPE SIDE TRACK, BUTT SILL TRACK TO SIDE TRACK & SECURE WITH 2 NO. 10 X 3/4" SMS THROUGH SIDE TRACK INTO SILL TRACK SPLINES.

FIXED PANEL: BUTT TOP & BOTTOM RAILS TO SIDE STILES AND SECURE EACH CORNER WITH 1 NO. 10 X 2" SMS THROUGH THE SIDE STILE INTO THE RAIL SPLINE.

OPERABLE PANEL: SAME AS FIXED PANEL. NOTE THAT A PILOT HOLE IS PLACED THROUGH THE OUTER WALL OF THE STILE WITH THE SCREW HEAD MEETING THE INNER WALL.

GENERAL NOTES

1. THESE DOOR/WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE.
2. BUCKING, OPENINGS & 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 & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH STATE PROTOCOLS TAS 201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS/DOORS.
5. THESE WINDOW/DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS/DOORS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
8. THIS PRODUCT MAY BE USED AS A DOOR OR WINDOW.

DRAWING TITLE: NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS

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: FLEETWOOD WINDOWS & DOORS
 P.O. BOX 1086
 CORONA, CA 92878
 909-279-1079

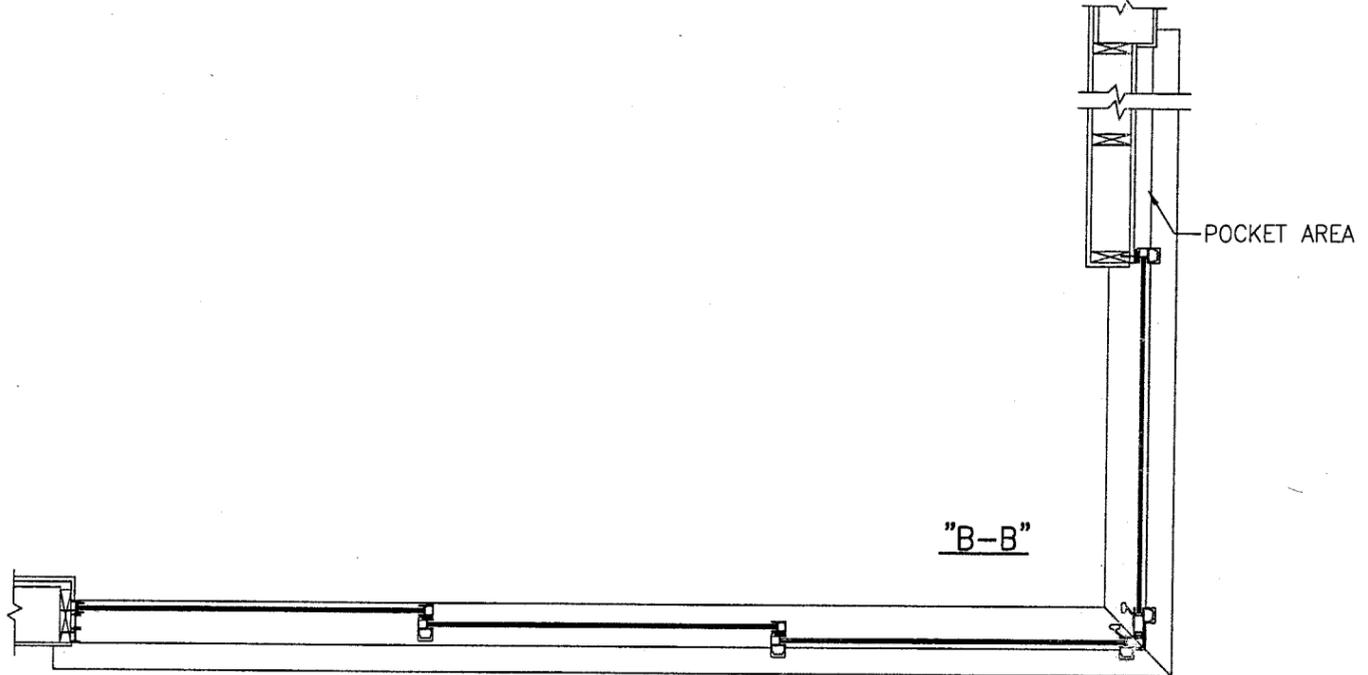
CERTIFICATION: FEB 26 2003

DRAWING NO. 1152
 SHEET NO. 1 OF 8

REV. A

WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

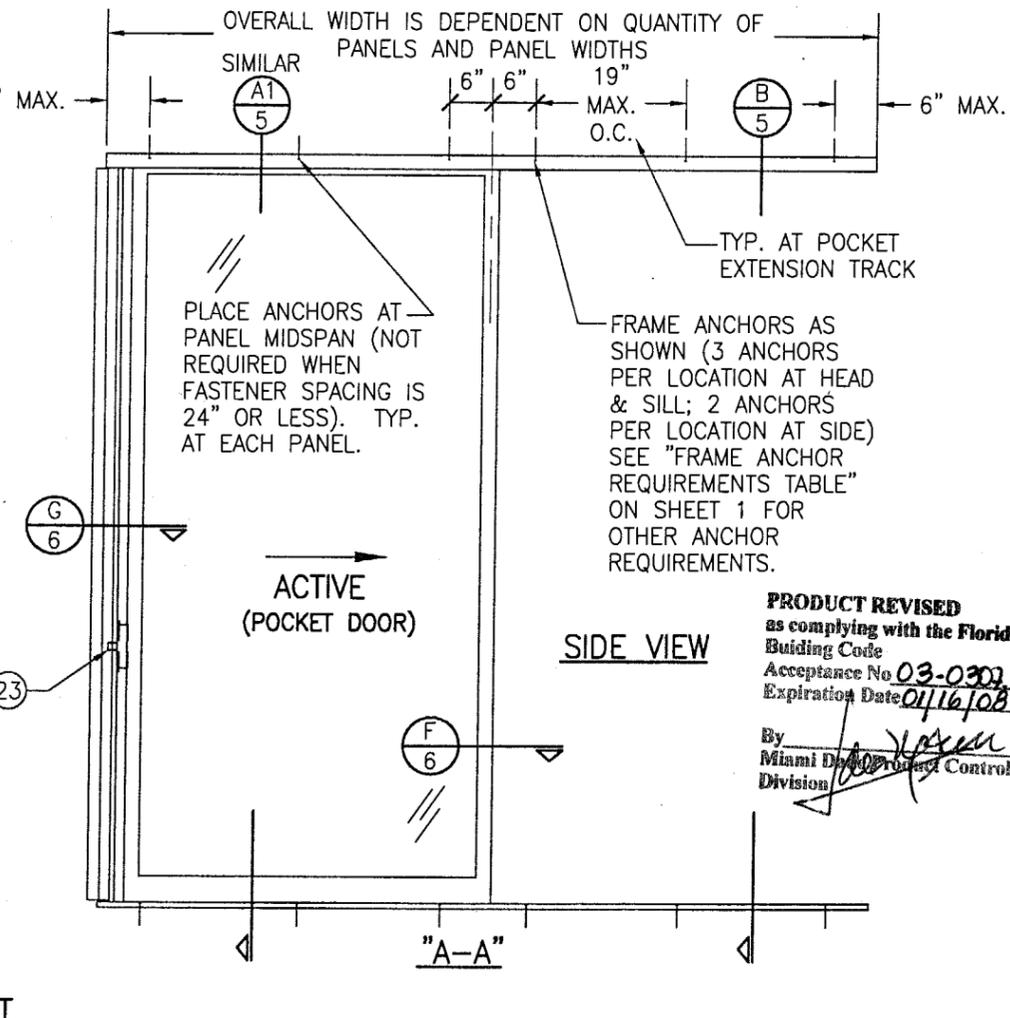
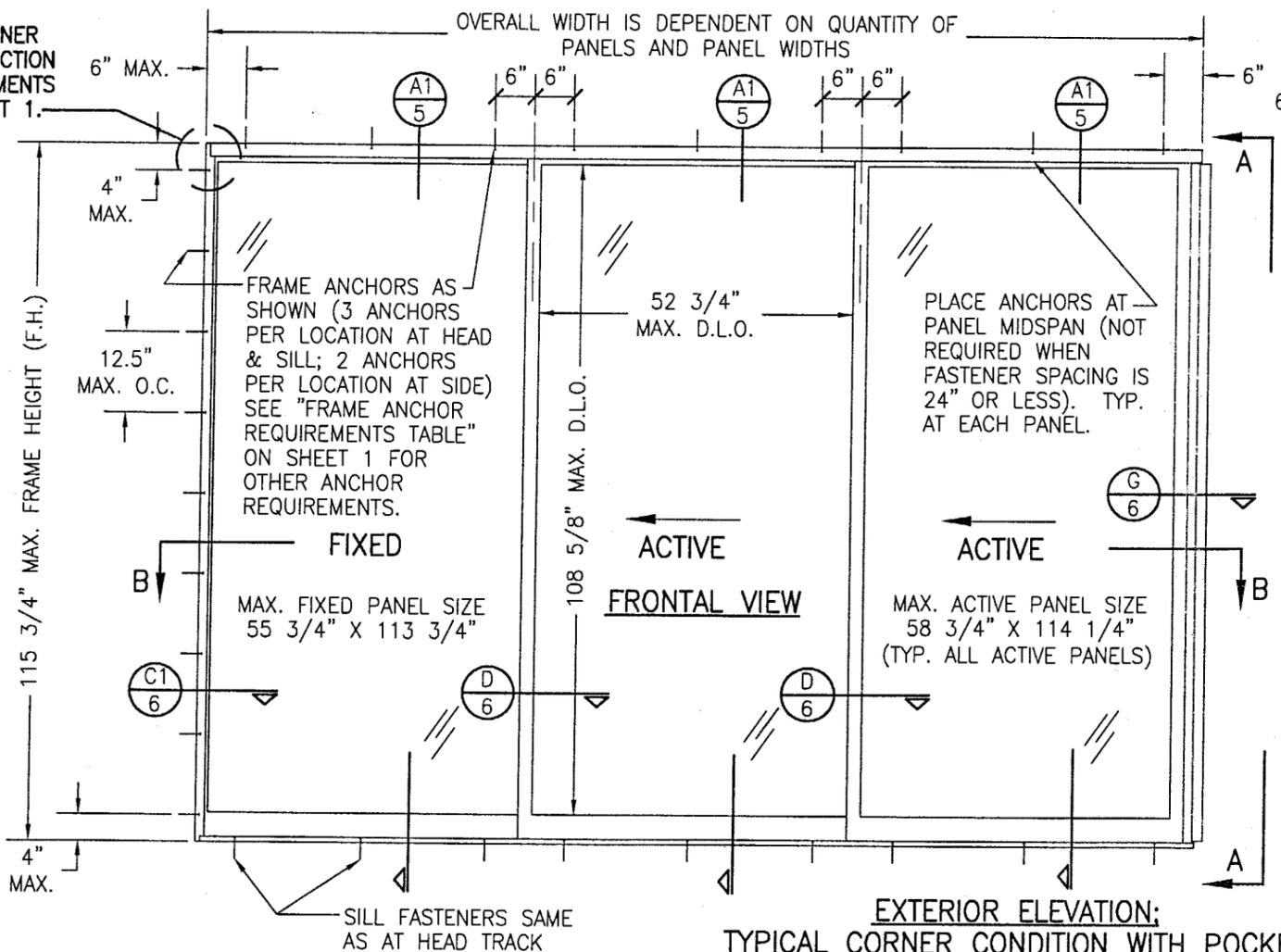
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PLOT: 1=24	DATE: 09/17/02
NO.	REVISION DESCRIPTION



ALLOWABLE DESIGN LOAD		
FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (PSF)	
	POSITIVE	NEGATIVE
GREATER THAN 96"	56.5	56.5
96" OR LESS	56.5	70.0

FRAME WIDTH IS DEPENDENT ON THE MAXIMUM PANEL WIDTHS SPECIFIED IN THE ELEVATION

SEE CORNER CONSTRUCTION REQUIREMENTS ON SHEET 1.



**EXTERIOR ELEVATION;
TYPICAL CORNER CONDITION WITH POCKET**

3 PANEL + 1 PANEL SHOWN; ANY COMBINATION OF FIXED & OPERABLE USING 2 OR MORE TOTAL PANELS IS APPLICABLE (THERE IS NO LIMIT TO NUMBER OF PANELS AT EITHER SIDE EXCEPT AS LIMITED BY THE OPENING SIZE.)

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 03-0303
Expiration Date 01/16/08

By: *[Signature]*
Miami Dept. Product Control Division

NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS

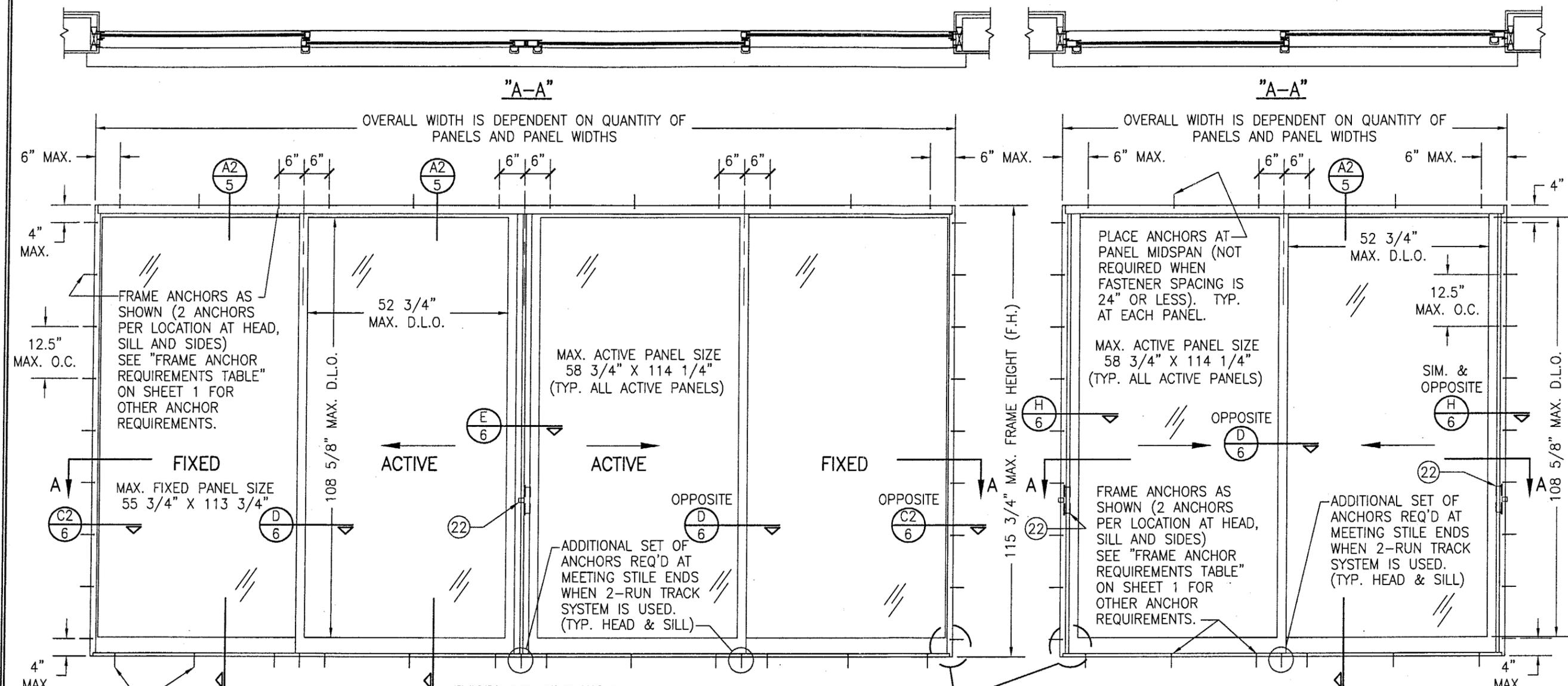
MANUFACTURER
FLEETWOOD WINDOWS & DOORS
P.O. BOX 1086
CORONA, CA 92878
909-279-1079

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

CERTIFICATION
FEB 26 2003

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 09/17/02
DATE	
BY	
REVISION DESCRIPTION	
NO.	



**EXTERIOR ELEVATION;
TYPICAL NON-POCKET DOOR CONDITION**

3 PANEL + 1 PANEL SHOWN; ANY COMBINATION OF FIXED & OPERABLE USING 2 OR MORE PANELS IS APPLICABLE (THERE IS NO LIMIT TO NUMBER OF PANELS EXCEPT AS LIMITED BY THE OPENING SIZE.)

SEE CORNER CONSTRUCTION REQUIREMENTS ON SHEET 1.

**EXTERIOR ELEVATION;
TYPICAL NON-POCKET DOOR CONDITION**

2 PANEL SHOWN; ANY COMBINATION OF FIXED & OPERABLE USING 2 OR MORE PANELS IS APPLICABLE (THERE IS NO LIMIT TO NUMBER OF PANELS EXCEPT AS LIMITED BY THE OPENING SIZE.)

ALLOWABLE DESIGN LOAD		
FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (PSF)	
	POSITIVE	NEGATIVE
GREATER THAN 96"	56.5	56.5
96" OR LESS	56.5	70.0

FRAME WIDTH IS DEPENDENT ON THE MAXIMUM PANEL WIDTHS SPECIFIED IN THE ELEVATION

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 03-0307.01
Expiration Date 01/16/08

By: *Warren W. Schaefer*
Miami Dade Product Control Division

DRAWING TITLE: NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS

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: FLEETWOOD WINDOWS & DOORS
P.O. BOX 1086
CORONA, CA 92878
909-279-1079

CERTIFICATION: FEB 26 2003

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO.	REV.
1152	A
SHEET NO.	
3 OF 8	

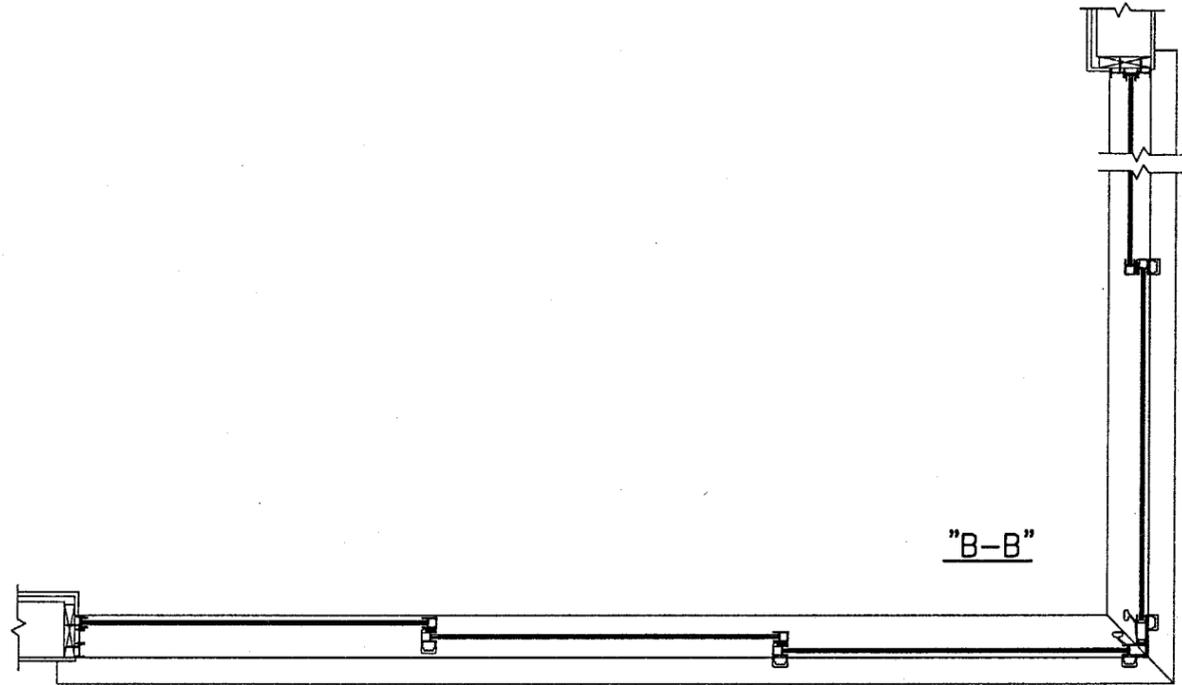
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 09/17/02
NO.	REVISION DESCRIPTION
BY	DATE
DRAWING TITLE NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER FLEETWOOD WINDOWS & DOORS
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
P.O. BOX 1086 CORONA, CA 92878 909-279-1079	
CERTIFICATION FEB 26 2003	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1152	REV. A
SHEET NO. 4 OF 8	

ALLOWABLE DESIGN LOAD		
FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (PSF)	
	POSITIVE	NEGATIVE
GREATER THAN 96"	56.5	56.5
96" OR LESS	56.5	70.0

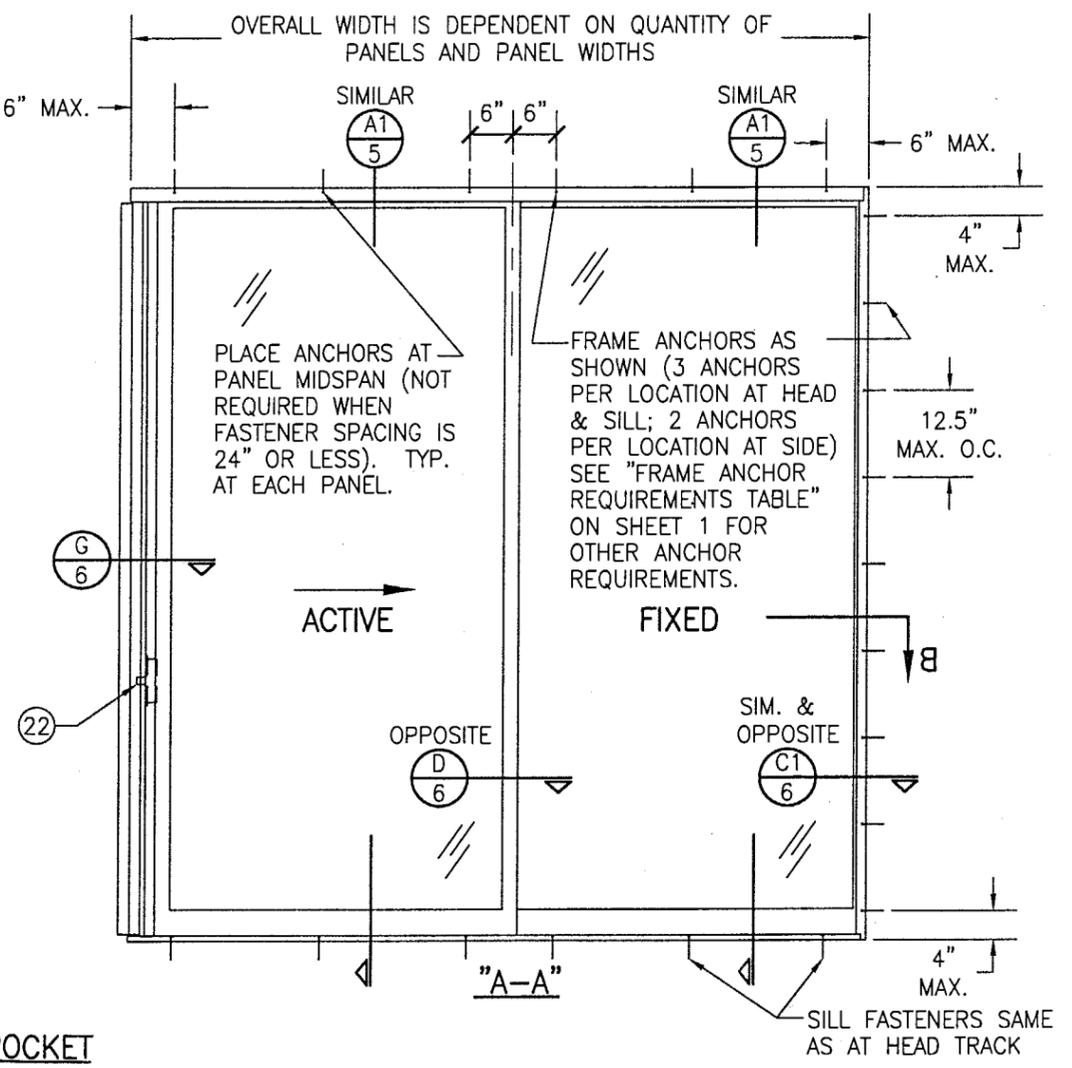
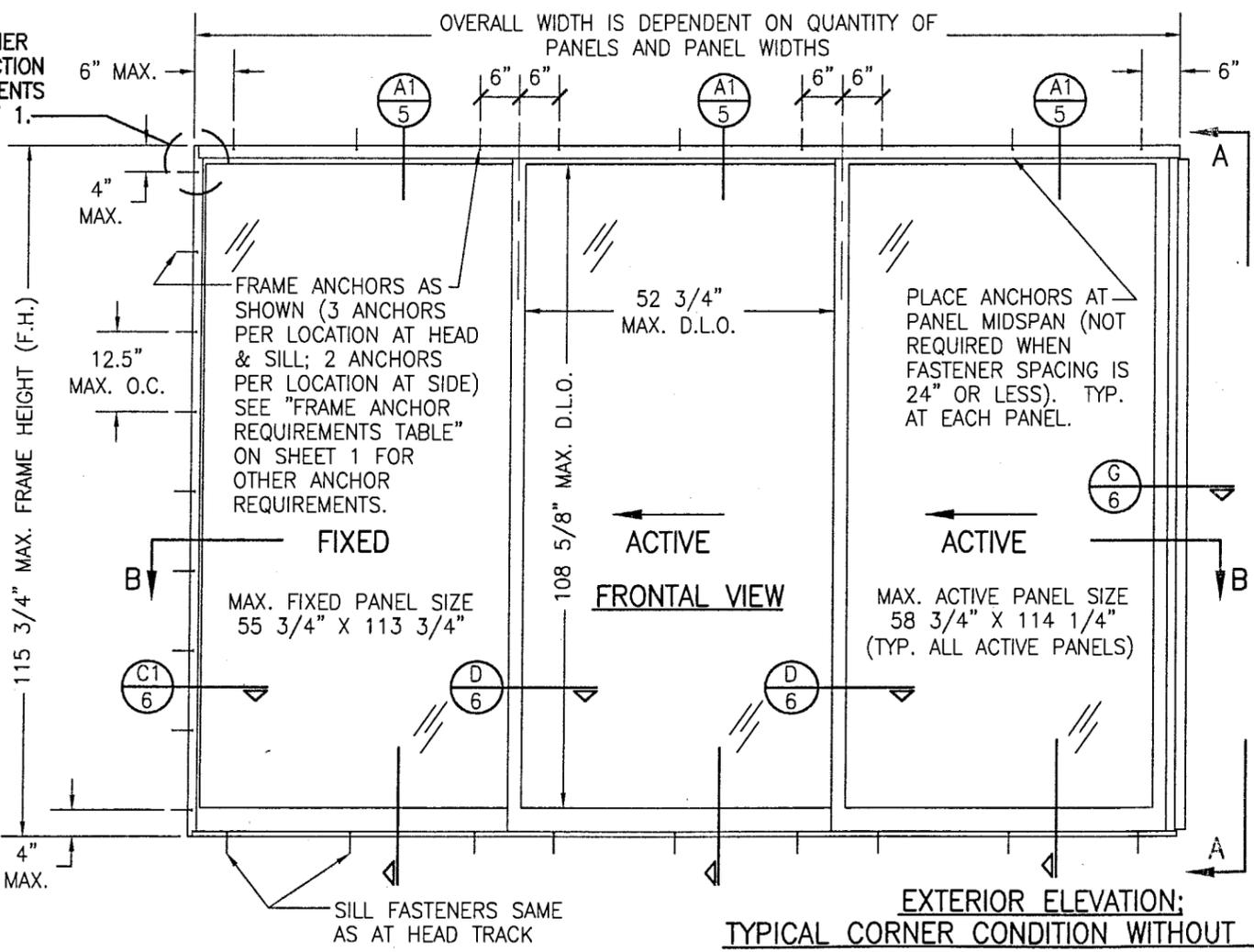
FRAME WIDTH IS DEPENDENT ON THE MAXIMUM PANEL WIDTHS SPECIFIED IN THE ELEVATION

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. **03-0307.01**
Expiration Date **01/16/08**

By *[Signature]*
Miami Product Control Division



SEE CORNER CONSTRUCTION REQUIREMENTS ON SHEET 1.



EXTERIOR ELEVATION;
TYPICAL CORNER CONDITION WITHOUT POCKET

3 PANEL + 2 PANEL SHOWN; ANY COMBINATION OF FIXED & OPERABLE USING 2 OR MORE TOTAL PANELS IS APPLICABLE (THERE IS NO LIMIT TO NUMBER OF PANELS AT EITHER SIDE EXCEPT AS LIMITED BY THE OPENING SIZE.)

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 09/17/02
DATE	
BY	
REVISION DESCRIPTION	
NO.	

DRAWING TITLE
NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS

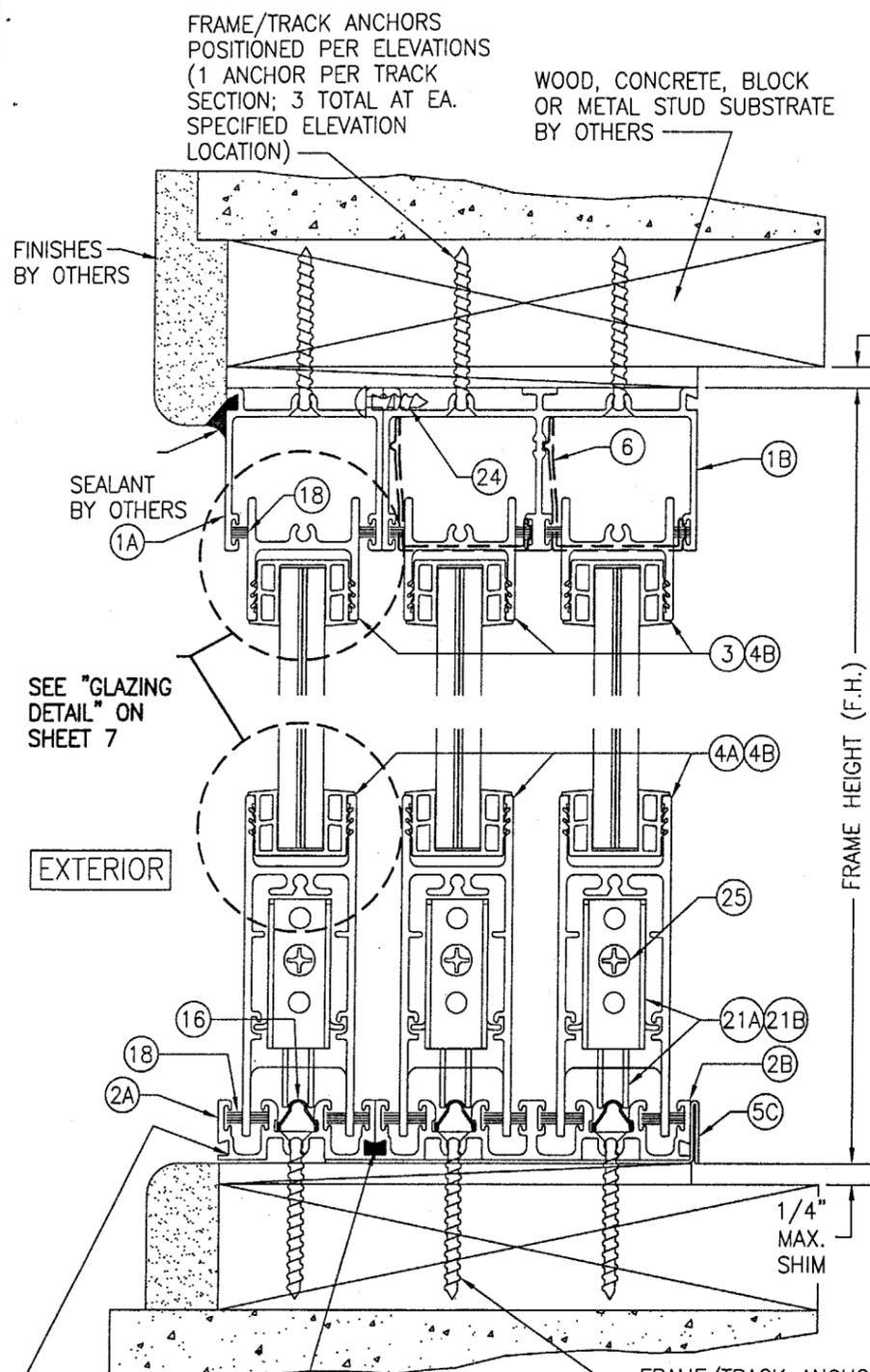
CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

MANUFACTURER
FLEETWOOD WINDOWS & DOORS
P.O. BOX 1086
CORONA, CA 92878
909-279-1079

CERTIFICATION
FEB 26 2003

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1152
SHEET NO. 5 of 8

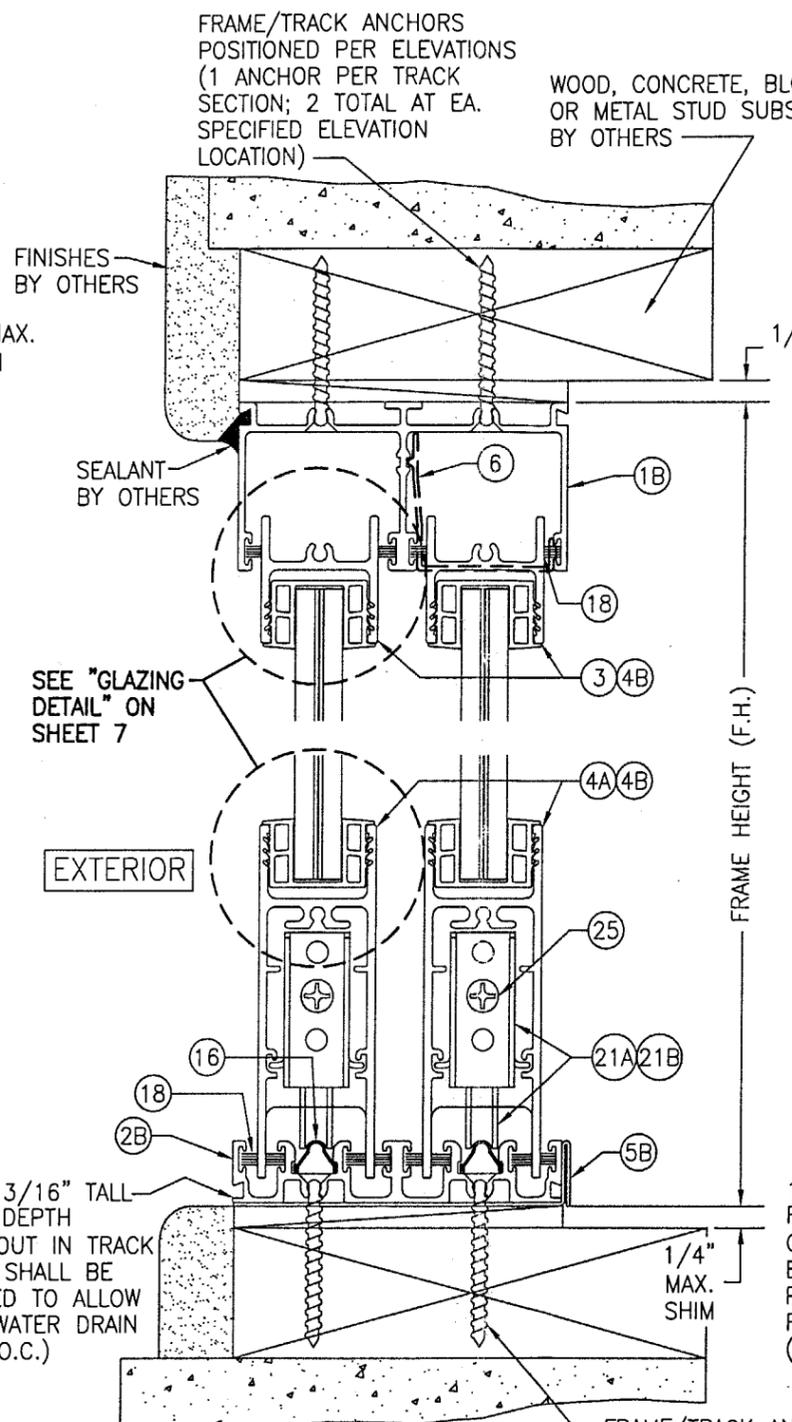
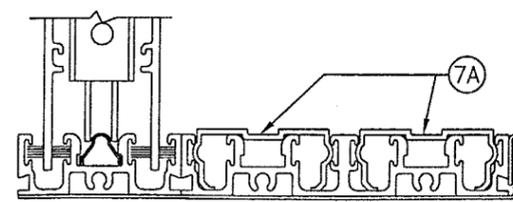


SECTION A1
SCALE: 1/2 FULL

1" X 3/16" TALL FULL DEPTH CUT-OUT IN TRACK BASE SHALL BE PLACED TO ALLOW FOR WATER DRAIN (18" O.C.)

CONTIN. PVC INSERT TO JOIN TRACKS

FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (1 ANCHOR PER TRACK SECTION; 3 TOTAL AT EA. SPECIFIED ELEVATION LOCATION)

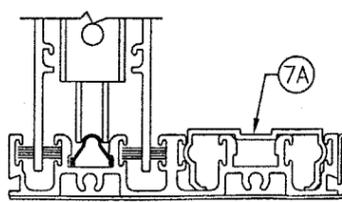


SECTION A2
SCALE: 1/2 FULL

1" X 3/16" TALL FULL DEPTH CUT-OUT IN TRACK BASE SHALL BE PLACED TO ALLOW FOR WATER DRAIN (18" O.C.)

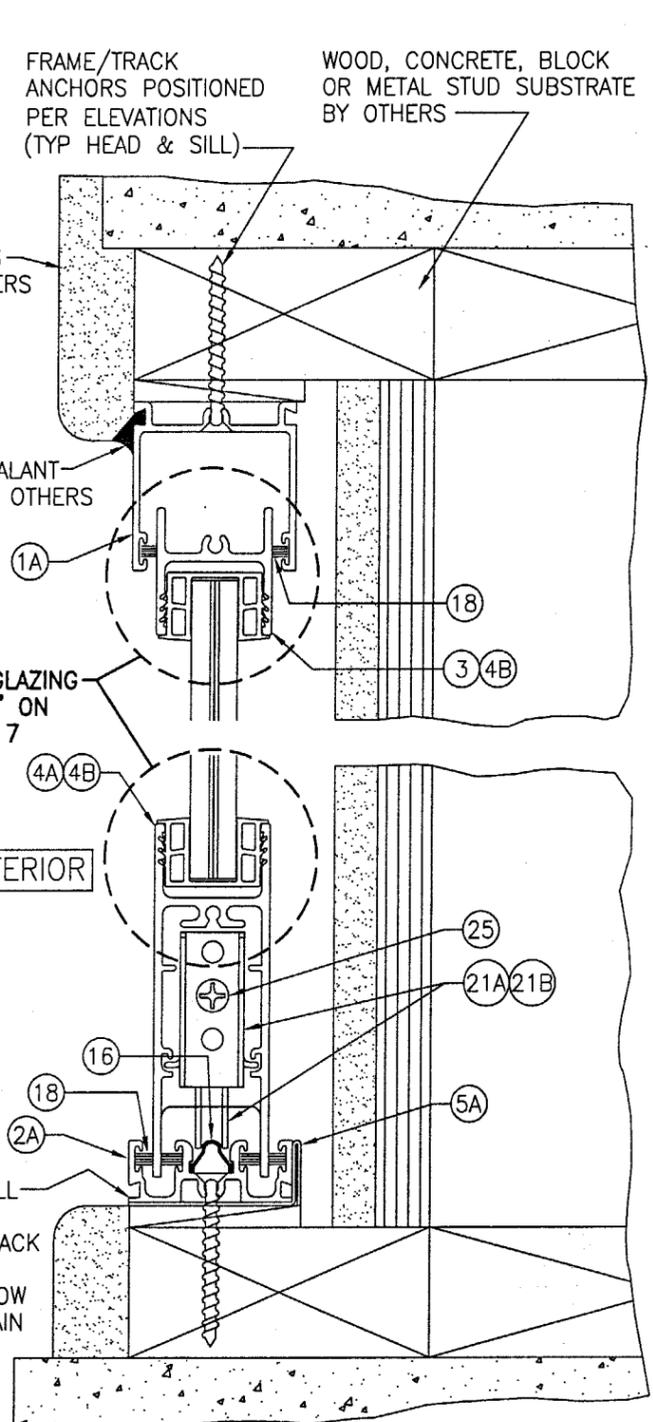
SEE "GLAZING DETAIL" ON SHEET 7

FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (1 ANCHOR PER TRACK SECTION; 2 TOTAL AT EA. SPECIFIED ELEVATION LOCATION)



1" X 3/16" TALL FULL DEPTH CUT-OUT IN TRACK BASE SHALL BE PLACED TO ALLOW FOR WATER DRAIN (18" O.C.)

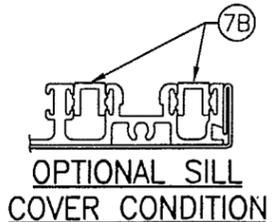
SEE "GLAZING DETAIL" ON SHEET 7



SECTION B
SCALE: 1/2 FULL

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 03-0302.01
Expiration Date 01/16/08

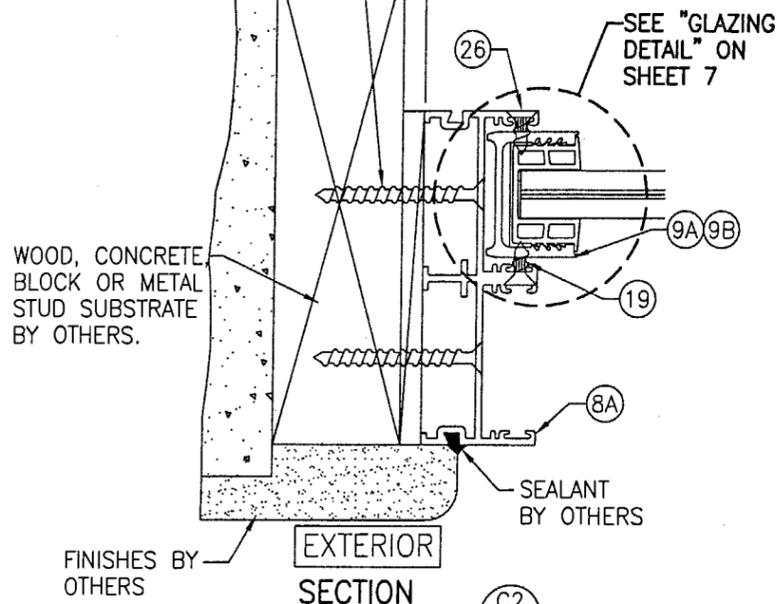
By: *[Signature]*
Miami Dade Product Control Division



NOTE: HEAD & SILL TRACKS MAY BE ONE EXTRUDED SECTION OR MULTIPLE EXTRUDED SECTIONS JOINED TOGETHER. EACH TRACK RUN MUST HAVE A ROW OF ANCHORS AS SHOWN. UP TO 3 RUNS SHOWN; MORE THAN 3 RUNS ARE APPLICABLE.

FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (2 ANCHORS AT EA. SPECIFIED SIDE TRACK LOCATION)

1/4" REF. SHIM NOTE
MAX. SHIM



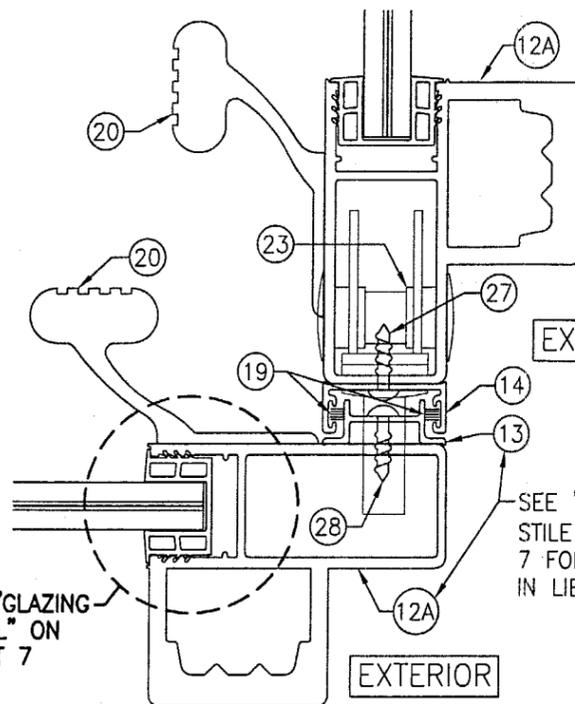
SECTION C2
SCALE: 1/2 FULL 6

WOOD, CONCRETE BLOCK OR METAL STUD SUBSTRATE BY OTHERS.

FINISHES BY OTHERS

EXTERIOR

SEALANT BY OTHERS



SECTION G
SCALE: 1/2 FULL 6

FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (2 ANCHORS AT EA. SPECIFIED SIDE TRACK LOCATION)

1/4" REF. SHIM NOTE
MAX. SHIM

WOOD, CONCRETE, BLOCK OR METAL STUD SUBSTRATE BY OTHERS.

EXTERIOR

SEE "OPTIONAL CORNER STILE SECTION" ON SHEET 7 FOR USE OF ITEM 12B IN LIEU OF 12A & 13

SEE "GLAZING DETAIL" ON SHEET 7

EXTERIOR

FINISHES BY OTHERS

EXTERIOR

SEE "GLAZING DETAIL" ON SHEET 7

SEALANT BY OTHERS

SECTION H
SCALE: 1/2 FULL 6

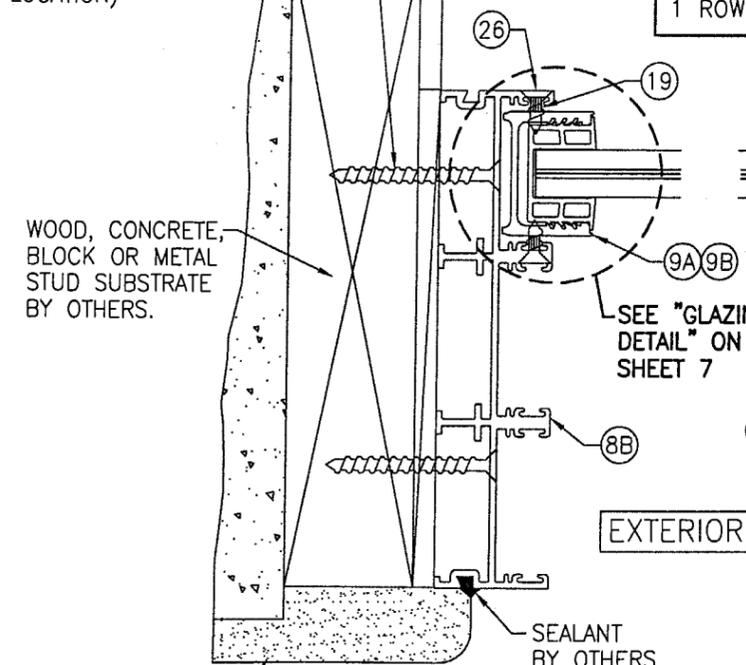
SIDE TRACKS SHOWN INCLUDE UP TO 3 TRACK RUNS. WHEN REQUIRED BY NUMBER OF PANELS, THE TRACK MAY INCLUDE MORE THAN 3 RUNS OR BE COMBINED SIDE BY SIDE WITH AN ADDITIONAL TRACK. WHEN AN ADDITIONAL TRACK IS USED, EACH ADDITIONAL TRACK MUST HAVE MIN. 1 ROW OF ANCHORS.

SHIM NOTE:
IF SHIM SPACE BETWEEN SUBSTRATE & DOOR/WINDOW FRAME MEMBER EXCEEDS 1/4", A CONTINUOUS WOOD MEMBER, WITH DEPTH EQUAL TO OR GREATER THAN THE FRAME DEPTH, MUST BE PLACED BETWEEN THE FRAME AND SUBSTRATE & THE FRAME ANCHORS MUST RUN THROUGH THE SPACER INTO THE SUBSTRATE WITH THE SPECIFIED EMBED.

NO. 10 SMS WITH MIN. 1 1/4" STUD EMBED WITHIN 4" OF ENDS & MAX. 18" O.C. (IF INTO BLOCK/CONCR. USE 3/16" TAPCONS WITH 1 1/4" EMBED; IF INTO METAL STUD, USE NO. 10 TEK SCREWS AT 9" O.C.)

FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (2 ANCHORS AT EA. SPECIFIED SIDE TRACK LOCATION)

REF. SHIM NOTE
1/4" MAX. SHIM



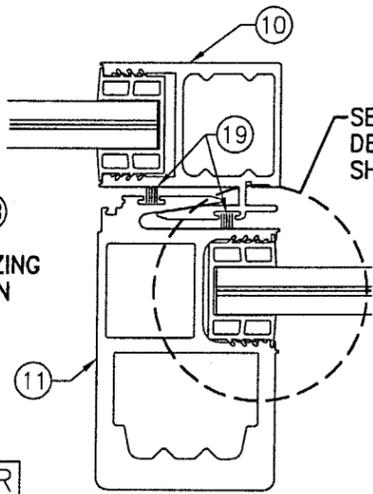
SECTION C1
SCALE: 1/2 FULL 6

WOOD, CONCRETE, BLOCK OR METAL STUD SUBSTRATE BY OTHERS.

FINISHES BY OTHERS

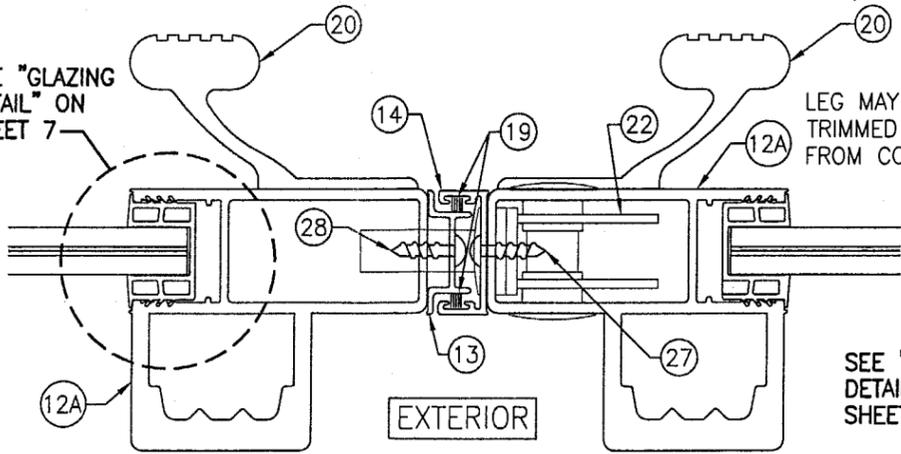
EXTERIOR

SEALANT BY OTHERS



SECTION D
SCALE: 1/2 FULL 6

SEE "GLAZING DETAIL" ON SHEET 7

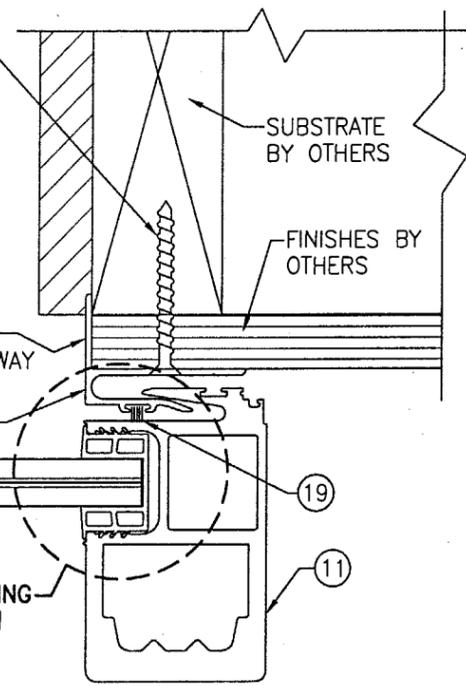


SECTION E
SCALE: 1/2 FULL 6

EXTERIOR

LEG MAY BE TRIMMED IF AWAY FROM CORNER

SEE "GLAZING DETAIL" ON SHEET 7



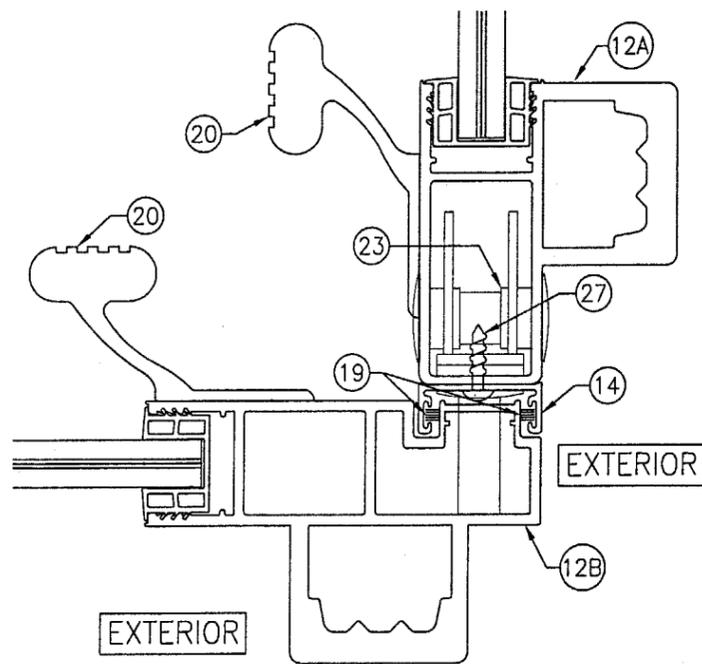
SECTION F
SCALE: 1/2 FULL 6

SUBSTRATE BY OTHERS

FINISHES BY OTHERS

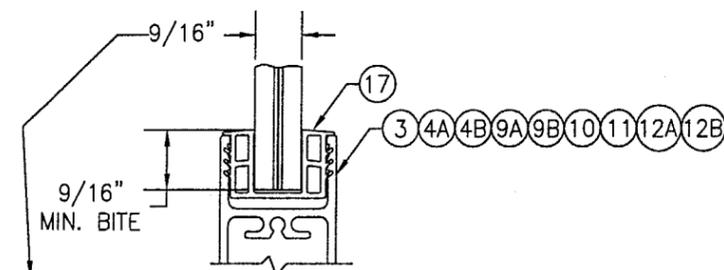
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 03-0307.01
Expiration Date 01/16/08
By *[Signature]*
Miami Division

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.	PLOT: 1=2	DATE: 09/17/02	NO.	REVISION DESCRIPTION	BY	DATE	DRAWING TITLE NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS	MANUFACTURER FLEETWOOD WINDOWS & DOORS	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	CERTIFICATION FEB 26 2003	DRAWING NO. 1152	REV. A	SHEET NO. 6 OF 8



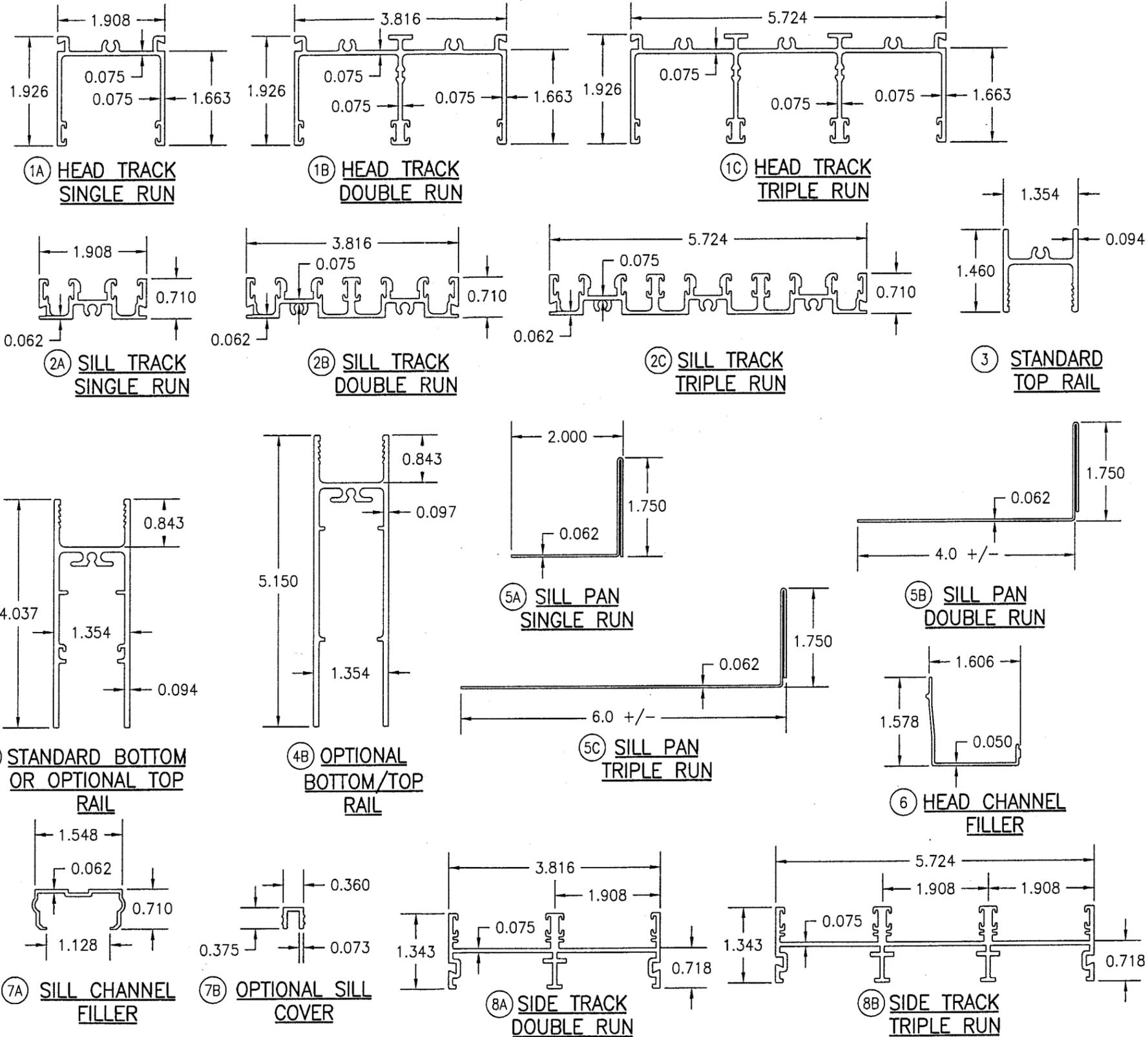
**OPTIONAL CORNER
STILE SECTION**

FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



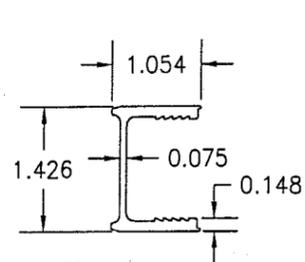
GLASS "A": 9/16" SAF-GLAS LAMINATED GLASS BY SECURITY GLASS (1/4" AN/0.015 ADHESIVE FILM/0.07 POLYCARBONATE/0.015 ADHESIVE FILM/1/4" AN)
GLASS "B": 9/16" GLOBE AMERADA WIND PANE (1/4" CHEM TEM/0.09 PVB/1/4" CHEM TEM)

GLAZING DETAIL

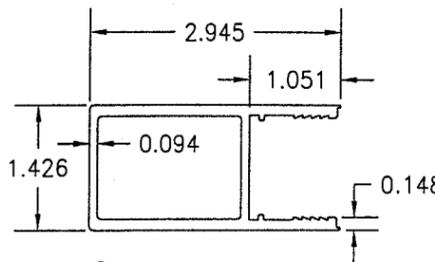


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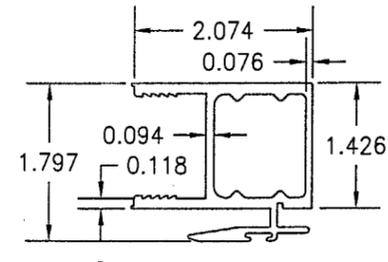
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PLOT: 1-2		DATE: 09/17/02	
NO.	REVISION DESCRIPTION	DATE	BY
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CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER FLEETWOOD WINDOWS & DOORS	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		P.O. BOX 1086 CORONA, CA 92878 909-279-1079	
CERTIFICATION FEB 26 2003 <i>[Signature]</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO.	REV.	SHEET NO.	
1152	A	7 OF 8	



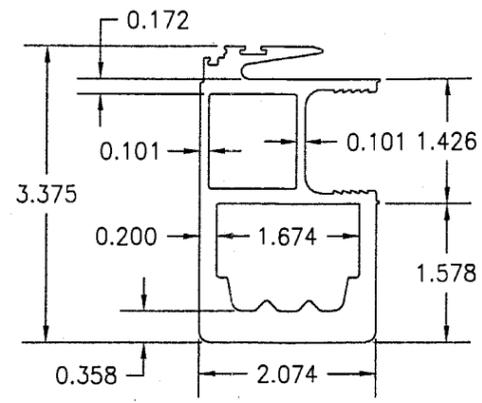
9A FIXED STILE



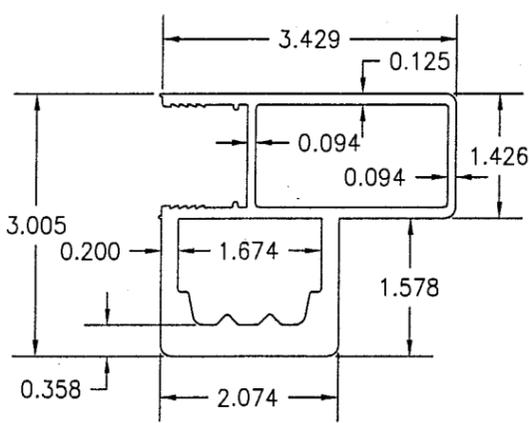
9B OPTIONAL FIXED STILE



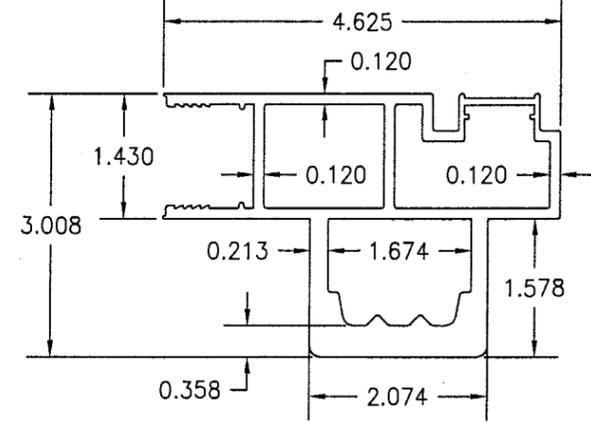
10 STANDARD INTERLOCK STILE



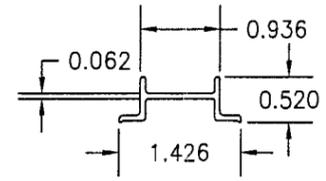
11 HIGH PERFORMANCE INTERLOCK STILE



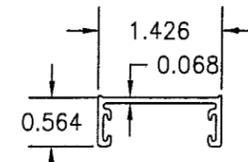
12A HIGH PERFORMANCE LOCK STILE



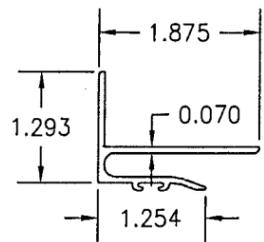
12B OPTIONAL CORNER LOCK STILE



13 MALE YOKE



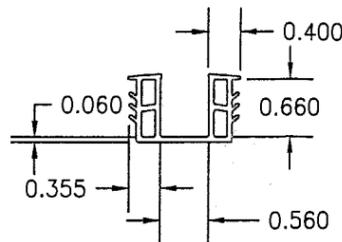
14 FEMALE YOKE



15 POCKET INTERLOCK



16 TRACK



17 GLAZING VINYL

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1A	3046	HEAD TRACK (1 RUN)	6063-T6 ALUMINUM
1B	3702	HEAD TRACK (2 RUNS)	6063-T6 ALUMINUM
1C	3703	HEAD TRACK (3 RUNS)	6063-T6 ALUMINUM
2A	3741	SILL TRACK (1 RUN)	6063-T6 ALUMINUM
2B	3742	SILL TRACK (2 RUNS)	6063-T6 ALUMINUM
2C	3743	SILL TRACK (3 RUNS)	6063-T6 ALUMINUM
3	3004	STANDARD TOP RAIL	6063-T5 ALUMINUM
4A	3709	STANDARD BOTTOM OR OPTIONAL TOP RAIL	6063-T6 ALUMINUM
4B	3070	OPTIONAL BOTTOM/TOP RAIL	6063-T6 ALUMINUM
5A	3720	SIL PAN (SINGLE RUN)	6063-T5 ALUMINUM
5B	3720	SILL PAN (DOUBLE RUN)	6063-T5 ALUMINUM
5C	3720	SILL PAN (TRIPLE RUN)	6063-T5 ALUMINUM
6	3011	HEAD CHANNEL FILLER	6063-T5 ALUMINUM
7A	3745	SILL CHANNEL FILLER	6063-T6 ALUMINUM
7B	03746	OPTIONAL SILL COVER (NON-STRUCTURAL)	6063-T6 ALUMINUM
8A	3712	SIDE TRACK (2 RUNS)	6063-T6 ALUMINUM
8B	3713	SIDE TRACK (3 RUNS)	6063-T6 ALUMINUM
9A	3008	FIXED STILE	6063-T5 ALUMINUM
9B	3005	OPTIONAL FIXED STILE	6063-T5 ALUMINUM
10	3006	STANDARD INTERLOCK STILE	6063-T6 ALUMINUM
11	3034	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUMINUM
12A	3033	HIGH PERFORMANCE LOCK STILE	6063-T6 ALUMINUM
12B	3750	OPTIONAL CORNER LOCK STILE	6063-T6 ALUMINUM
13	3039	MALE YOKE	6063-T5 ALUMINUM
14	3040	FEMALE YOKE	6063-T5 ALUMINUM
15	3730	POCKET INTERLOCKER	6063-T6 ALUMINUM
16	M622	TRACK	STAINLESS STEEL
17	-	GLAZING VINYL	FLEXABLE VINYL
SEALS & SEALANTS			
18	-	LARGE MOHAIR	AMESBURY 13330-270R
19	-	FIN SEAL	AMESBURY 43629-270R
HARDWARE			
20	-	HANDLE	AS REQ'D
21A	-	ADJUSTABLE ROLLER ASSEMBLY	REFLECTOLITE SERIES TA-39
21B	-	OPTIONAL ROLLER ASSEMBLY	REFLECTOLITE SERIES TA-86
22	-	STANDARD MEETING STILE LOCK	ADAMS RITE MS1850S-050
23	-	CORNER MEETING STILE LOCK	ADAMS RITE MS1850S-050
MISCELLANEOUS FASTENERS			
24	-	NO. 8 X 3/4" SMS	WITHIN 12" OF CORNERS & MAX. 24" O.C.
25	-	1/4-20 OR 5/16-18 ADJUSTMENT SCREW	1 PER ROLLER ASSEMBLY
26	-	NO. 8 X 1/2" SMS	2 AT EA. 39" FROM PANEL TOP & BOTTOM
27	-	NO. 8 X 3/4" SMS	6" FROM ENDS & MAX. 18" O.C.
28	-	NO. 8 X 3/4" SMS	6" FROM ENDS & MAX. 18" O.C.

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SHEET NO. 8 OF 8	

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By Warren W. Schaefer
 Miami Division Product Control