



**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 Aluminum Products, Inc.
2485 Railroad St.
Corona, CA 92880**

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: Norwood 3070HI Series Impact Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. 1152, titled "Norwood 3070HI Series Sliding Glass Door", sheets 1 through 7 of 7, prepared by manufacturer, dated 12/04/02, 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

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 as well as approval document mentioned above.

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



**NOA No 02-1206.01
Expiration Date: January 16, 2008
Approval Date: January 26, 2003
Page 1**

Fleetwood Aluminum Products, Inc.

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 Sliding Glass Door", sheets 1 through 7 of 7, prepared by manufacturer, dated 12/04/02, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Small Missile Impact Test per SFBC, PA 201-94
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along 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

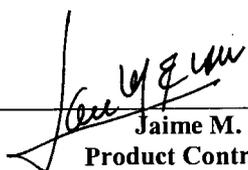
1. Anchor Calculations and structural analysis, prepared, signed, sealed and dated by Warren W. Schaefer, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **99-0930.01** issued to Security Impact Glass Holdings L.L.C. for "SAF-GLAS" dated 12/16/99, expiring on 12/16/02.

E. STATEMENTS

1. Laboratory compliance letter for Test 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.
2. Statement letter of no financial interest, dated 11/05/02, signed and sealed by Warren W. Schaefer, P.E.



Jaime M. Eisen, P.E.
Product Control Division
NOA No 02-1206.01
Expiration Date: January 16, 2008
Approval Date: January 26, 2003

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

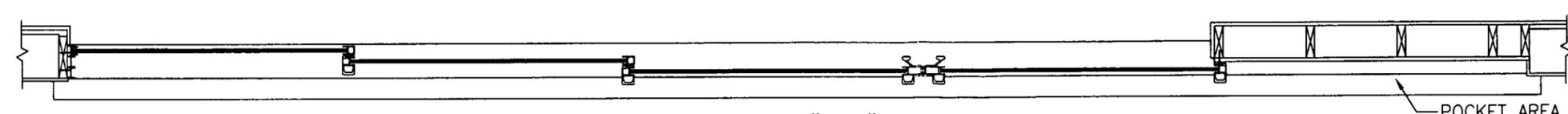
DRAWING TITLE: NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS

MANUFACTURER: FLEETWOOD ALUMINUM PRODUCTS, INC.
P.O. BOX 1086
CORONA, CA 92880
909-279-8068

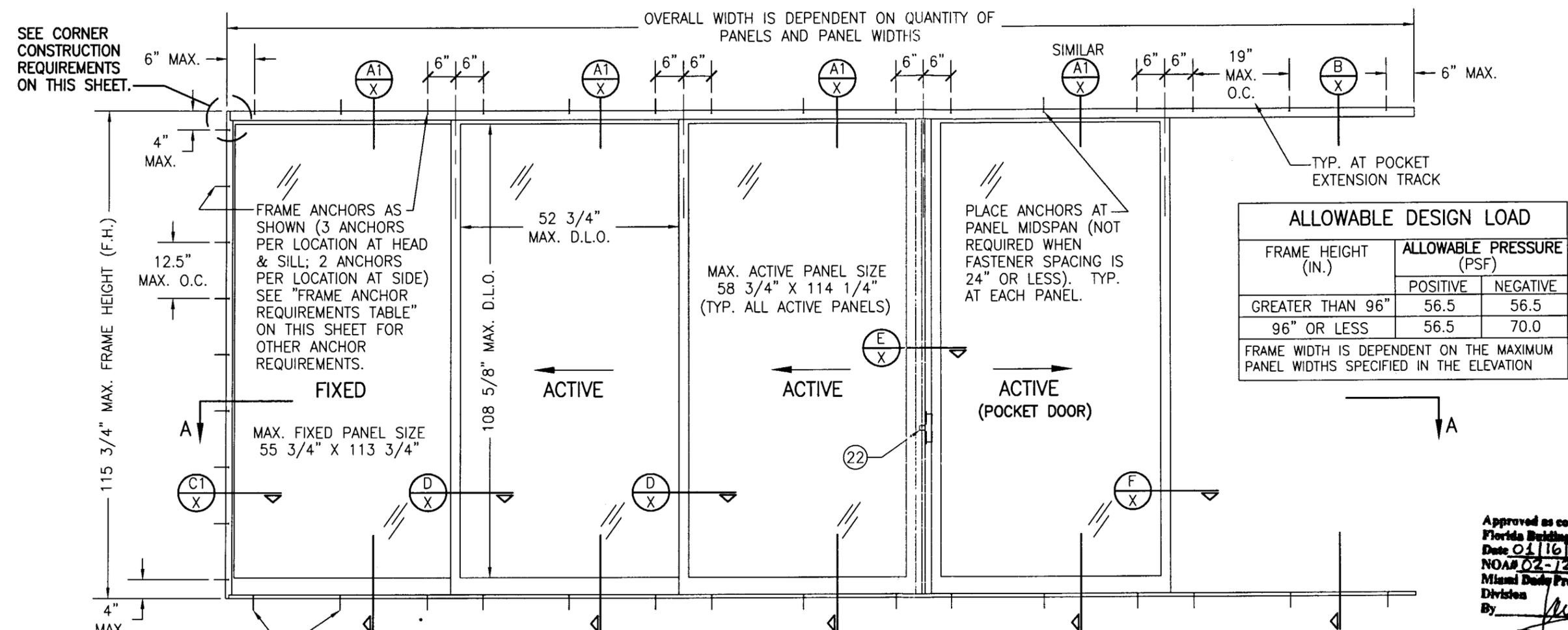
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
600 SANDTREE DRIVE, SUITE 203B
PALM BEACH GARDENS, FL 33403
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION: DEC 04 2002

DRAWING NO. 1152
SHEET NO. 1 OF 7



"A-A"



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

Approved as complying with the Florida Building Code
Date 01/16/03
NOA# 02-1206.01
Miami Daily Product Control Division
By: [Signature]

**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.)

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.

* 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) 3/16" 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. 3/16" CONCRETE SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

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
 MANUFACTURER: FLEETWOOD ALUMINUM PRODUCTS, INC.
 P.O. BOX 1086
 CORONA, CA 92880
 909-279-8068

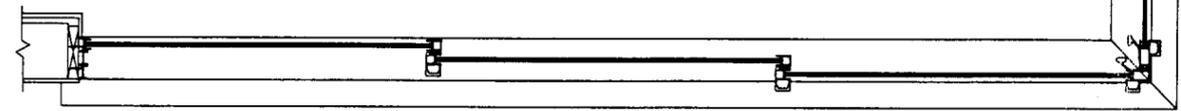
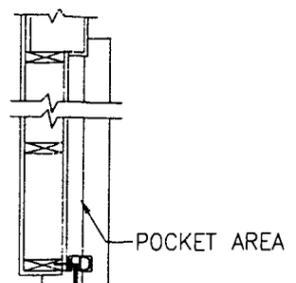
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 600 SANDTREE DRIVE, SUITE 203B
 PALM BEACH GARDENS, FL 33403
 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION: DEC 04 2002
 By: *Warren W. Schaefer*
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

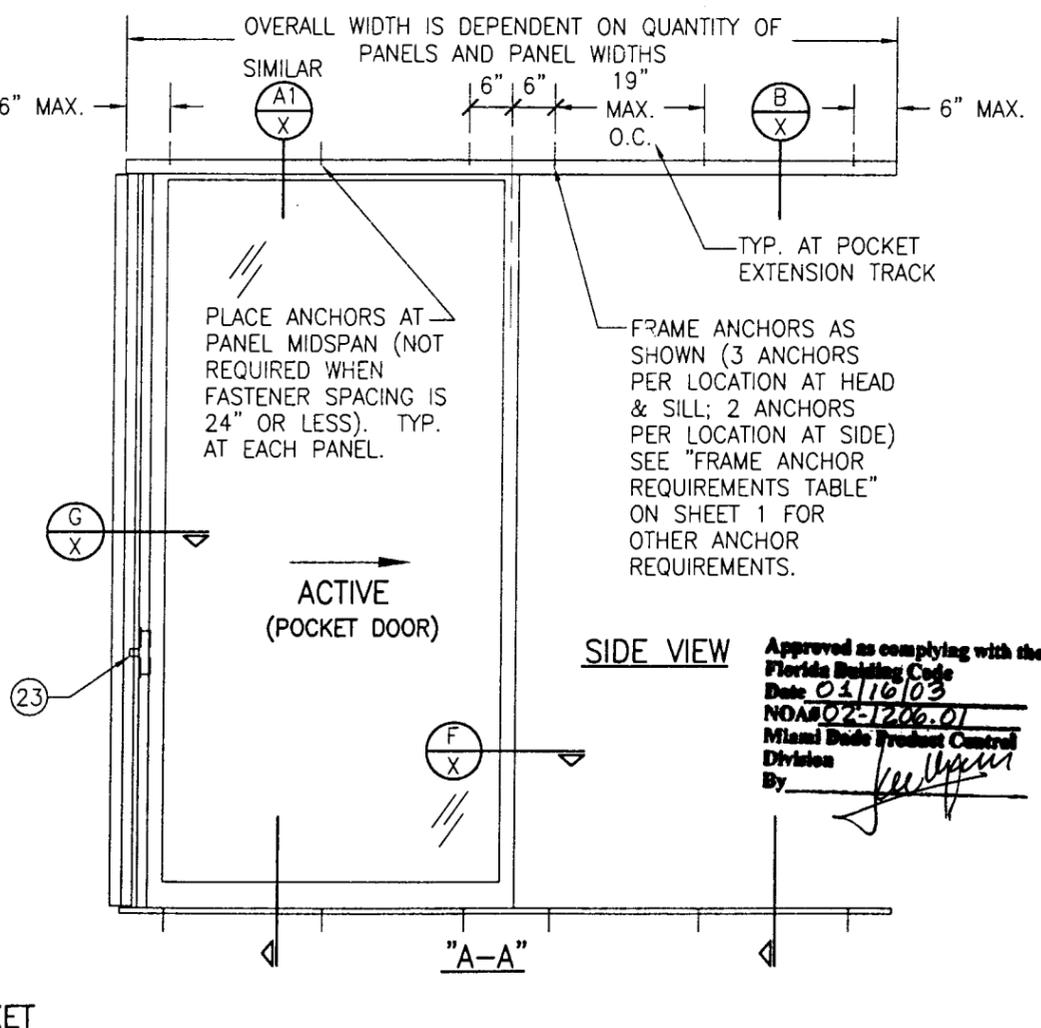
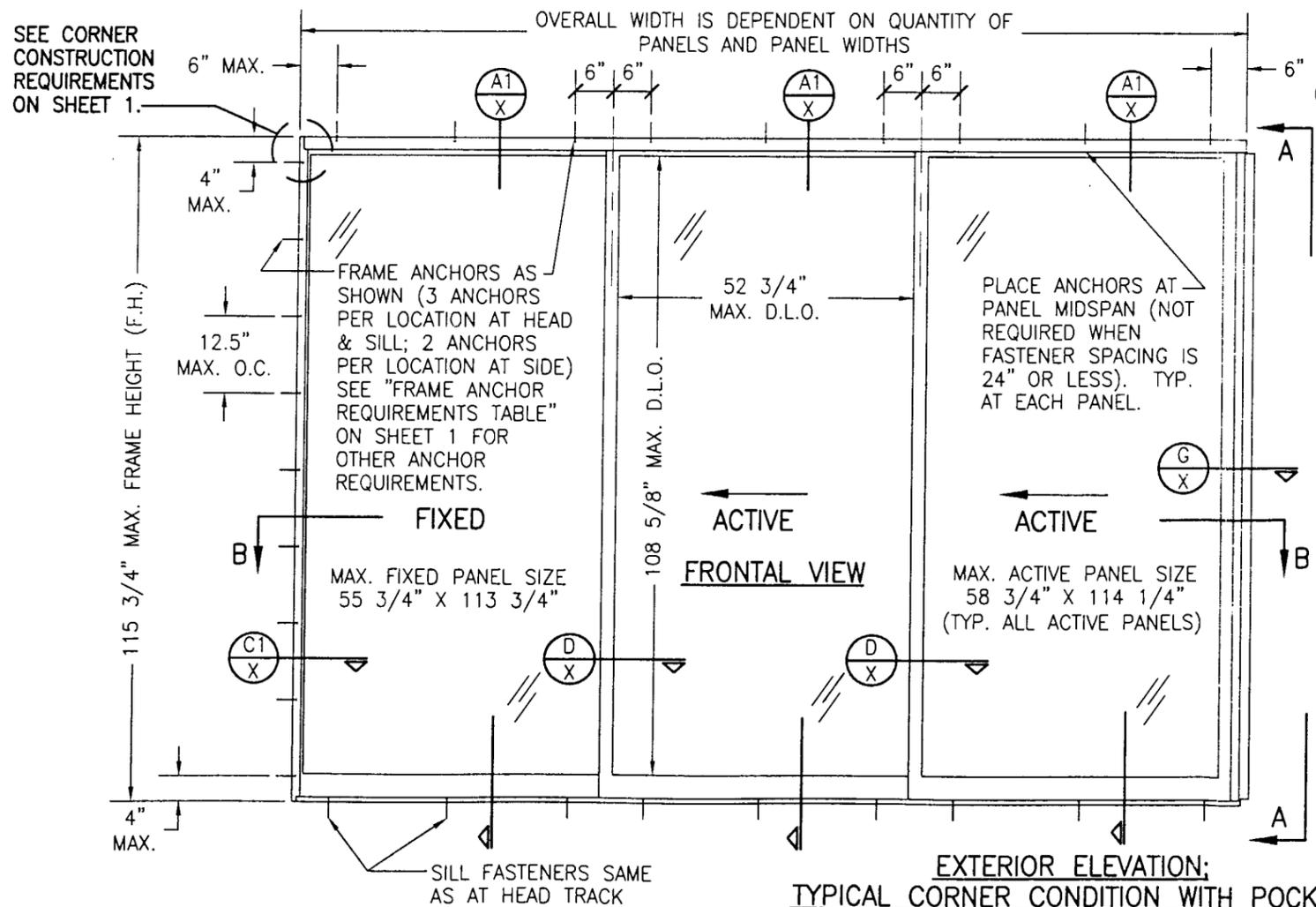
DRAWING NO. 1152
 SHEET NO. 2 OF 7

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



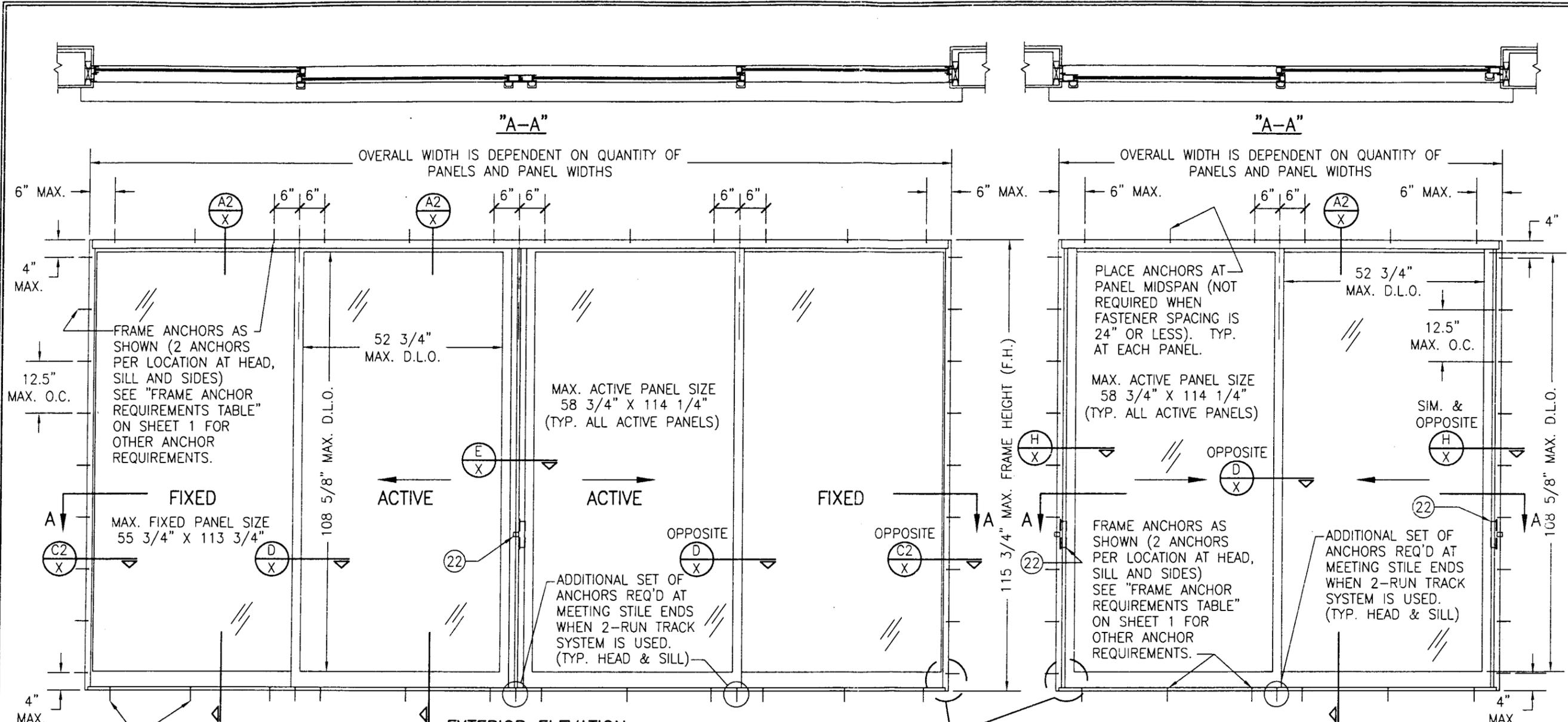
SEE CORNER CONSTRUCTION REQUIREMENTS ON SHEET 1.



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.)

Approved as complying with the Florida Building Code
 Date: 03/16/03
 NOAS 02-1206.01
 Miami Dade Product Control Division
 By: *Warren W. Schaefer*



**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.)

**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

Approved as complying with the Florida Building Code
 Date 02/16/03
 NOA#02-1206.03
 Miami Dade Product Control
 Division
 By *[Signature]*

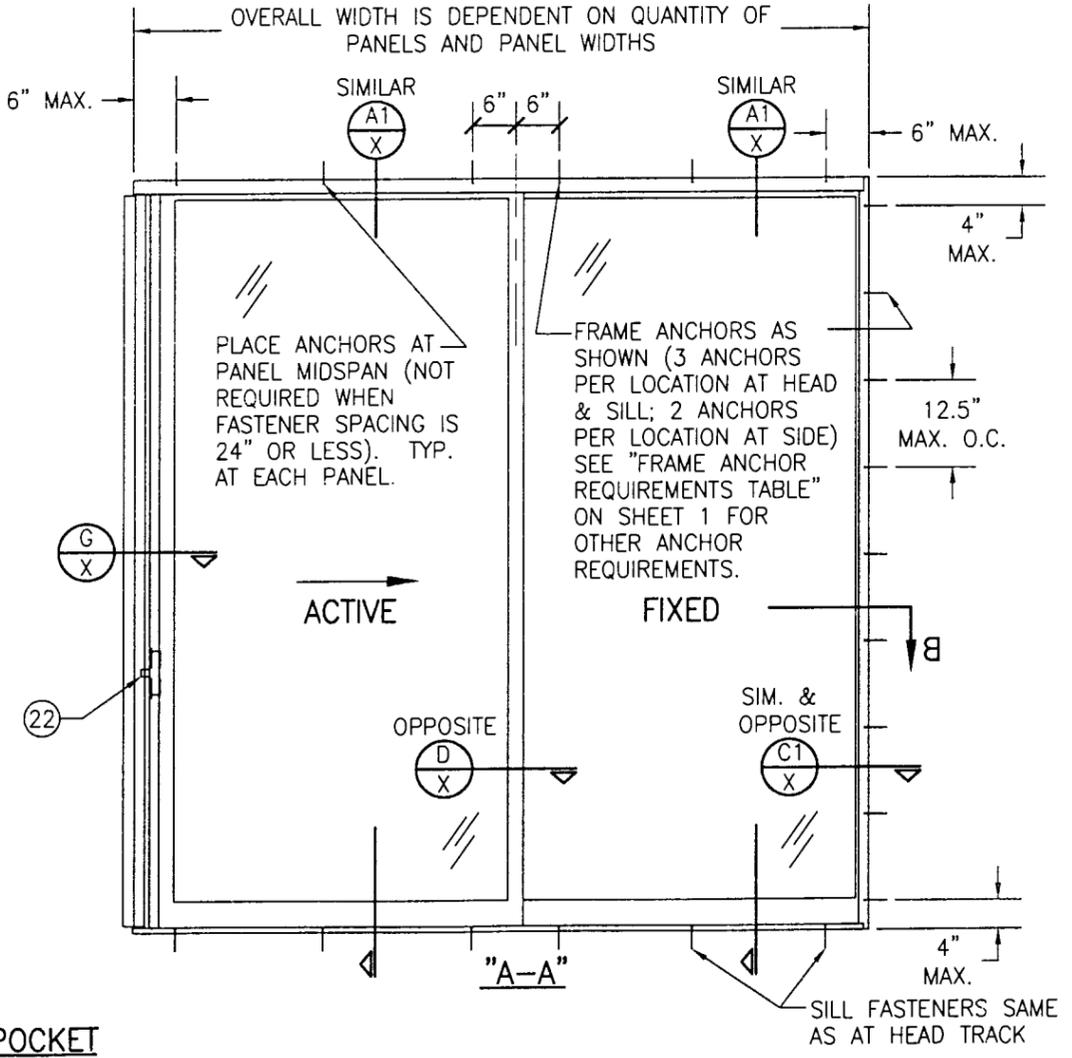
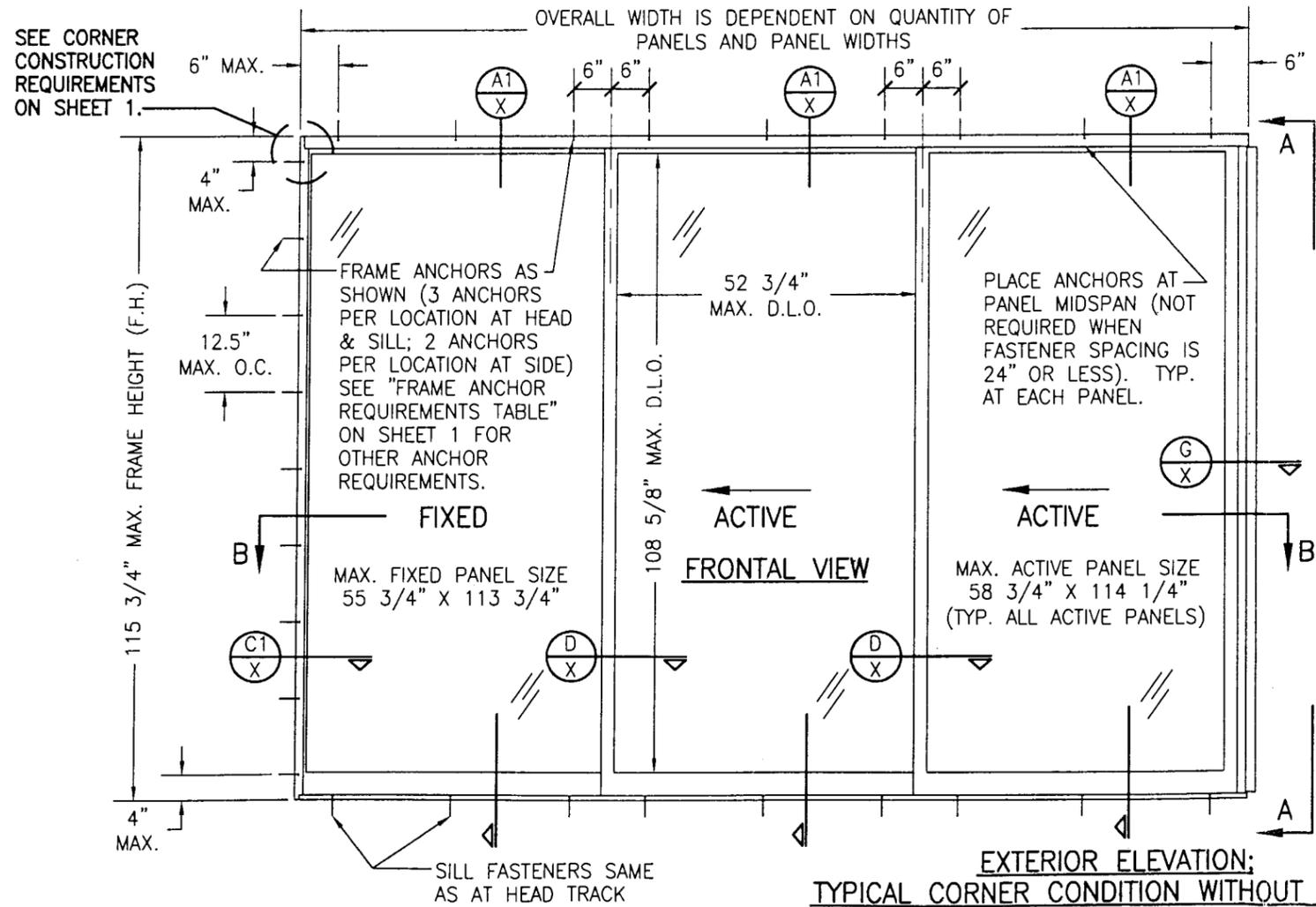
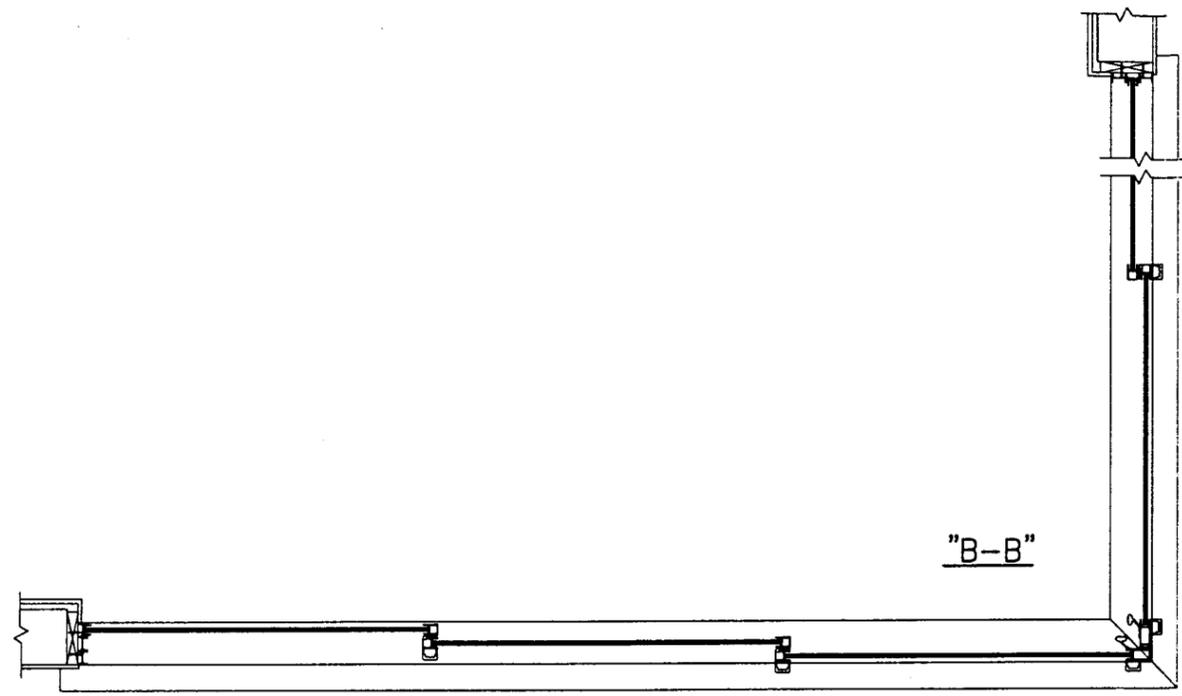
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 09/17/02
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER FLEETWOOD ALUMINUM PRODUCTS, INC.
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
P.O. BOX 1086 CORONA, CA 92880 909-279-8068	
CERTIFICATION DEC 04 2002	P.E. WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1152	REV.
SHEET NO. 3 OF 7	

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

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

Approved as complying with the Florida Building Code
 Date 01/16/03
 NOAR 02-1206-03
 Miami Dade Product Control Division
 By *[Signature]*



**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.)

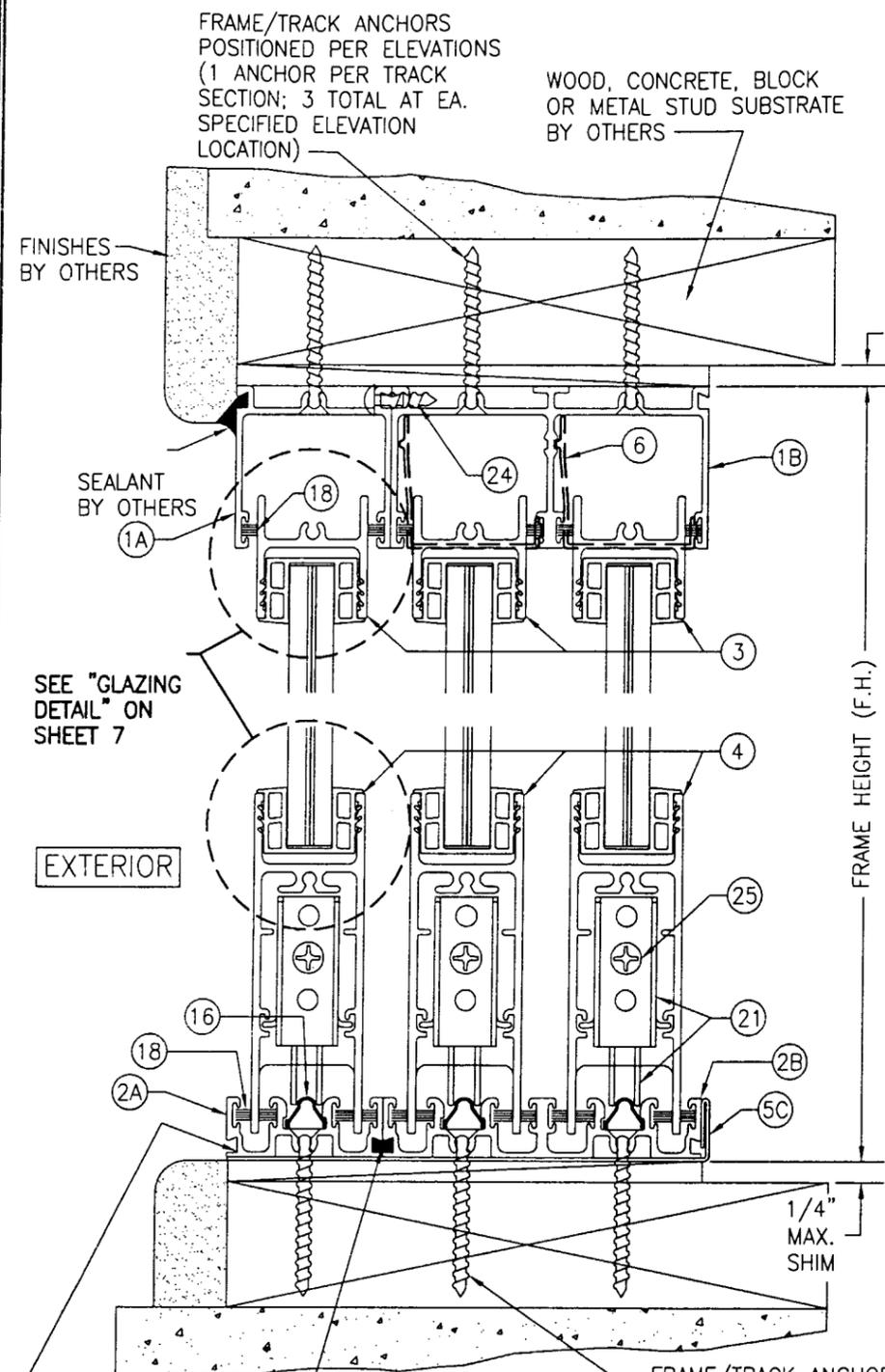
DRAWING TITLE: NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS

MANUFACTURER: FLEETWOOD ALUMINUM PRODUCTS, INC.
 P.O. BOX 1086
 CORONA, CA 92880
 909-279-8068

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 600 SANDTREE DRIVE, SUITE 203B
 PALM BEACH GARDENS, FL 33403
 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION: DEC 04 2002
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

DRAWING NO. 1152
 SHEET NO. 4 OF 7



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)

SEE "GLAZING DETAIL" ON SHEET 7

EXTERIOR

FINISHES BY OTHERS

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

WOOD, CONCRETE, BLOCK OR METAL STUD SUBSTRATE BY OTHERS

1/4" MAX. SHIM

FRAME HEIGHT (F.H.)

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

EXTERIOR

FINISHES BY OTHERS

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

WOOD, CONCRETE, BLOCK OR METAL STUD SUBSTRATE BY OTHERS

1/4" MAX. SHIM

FRAME HEIGHT (F.H.)

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

EXTERIOR

FINISHES BY OTHERS

FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (TYP HEAD & SILL)

WOOD, CONCRETE, BLOCK OR METAL STUD SUBSTRATE BY OTHERS

SEALANT BY OTHERS

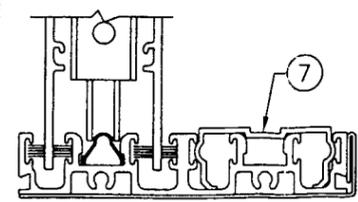
SEE "GLAZING DETAIL" ON SHEET 7

EXTERIOR

FINISHES BY OTHERS

SECTION A2
SCALE: 1/2 FULL

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



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.

SECTION B
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.)

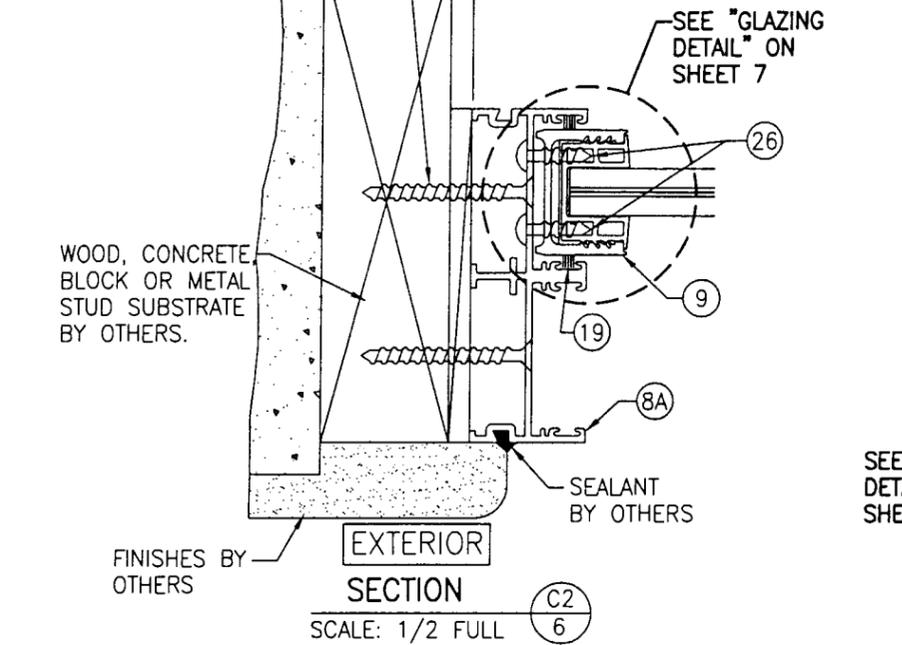
SEE "GLAZING DETAIL" ON SHEET 7

EXTERIOR

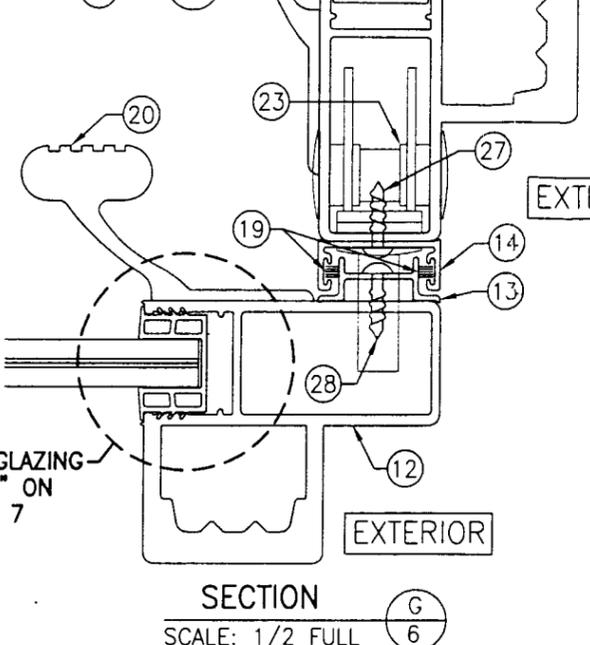
FINISHES BY OTHERS

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 09/17/02	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: NORWOOD 3070HI SERIES IMPACT SLIDING GLASS DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: FLEETWOOD ALUMINUM PRODUCTS, INC.	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		P.O. BOX 1086 CORONA, CA 92880 909-279-8068	
CERTIFICATION: DEC 04 2002			
Approved as complying with the Florida Building Code Date: 02/16/03 NOA# 02-1206.03 Miami Dade Product Control Division By: <i>[Signature]</i>			
DRAWING NO. 1152		REV.	
SHEET NO. 5 OF 7			

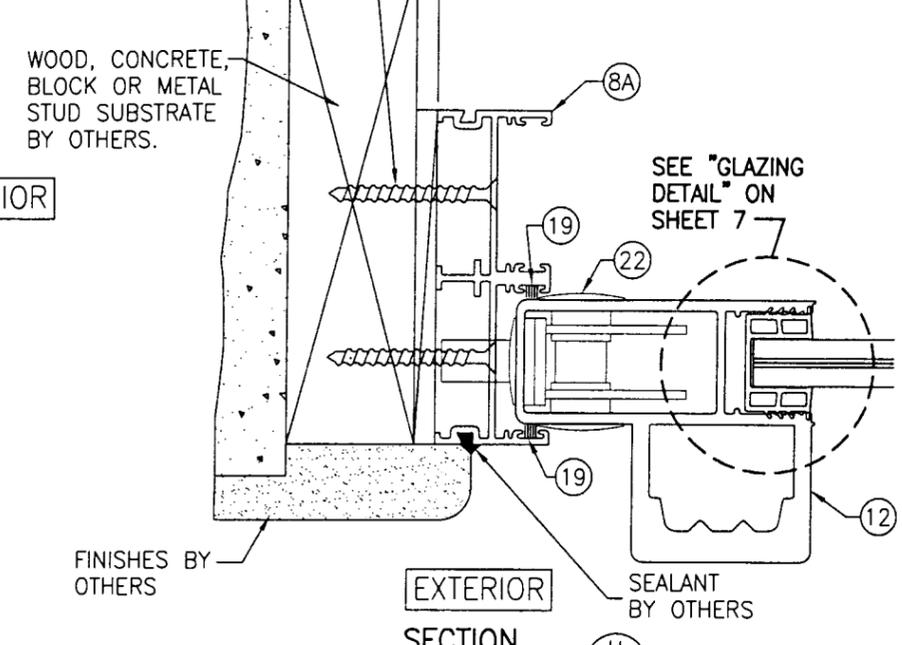
FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (2 ANCHORS AT EA. SPECIFIED SIDE TRACK LOCATION)



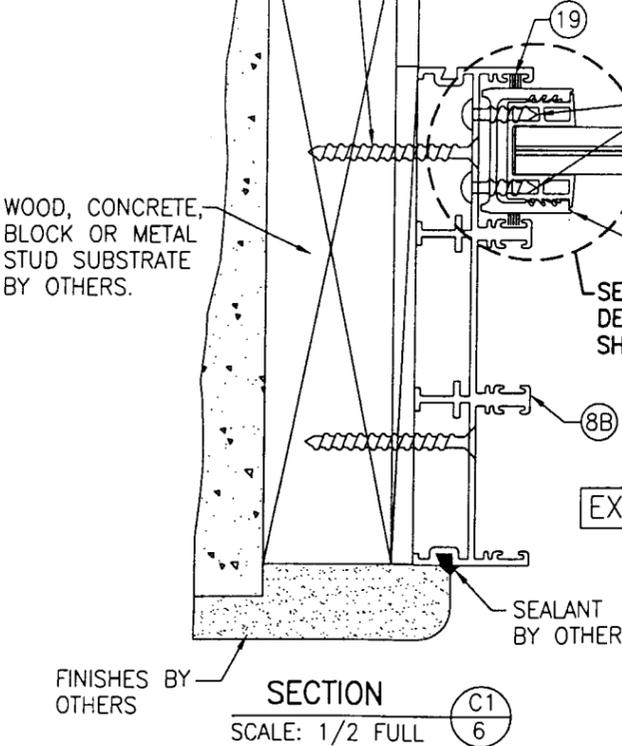
FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (2 ANCHORS AT EA. SPECIFIED SIDE TRACK LOCATION)



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



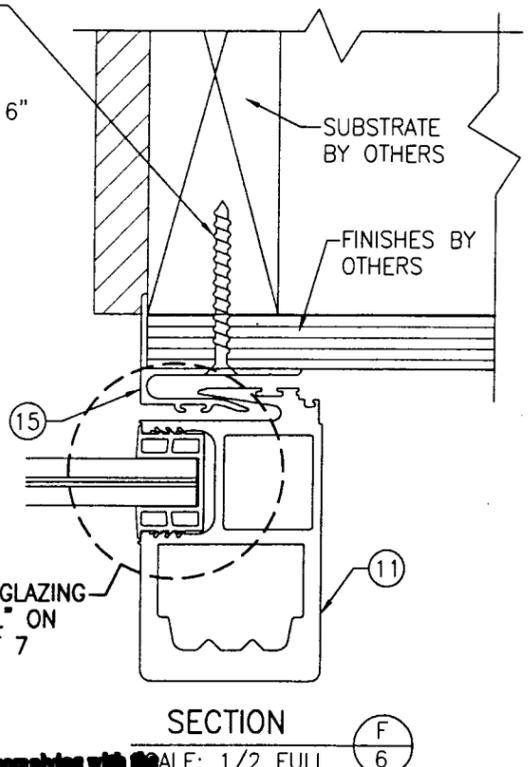
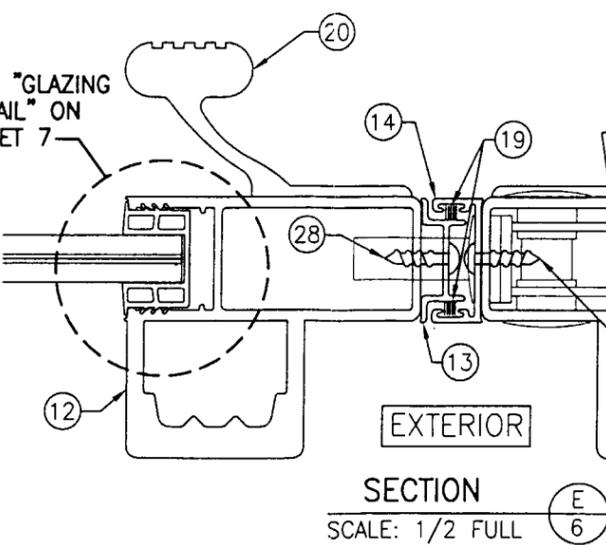
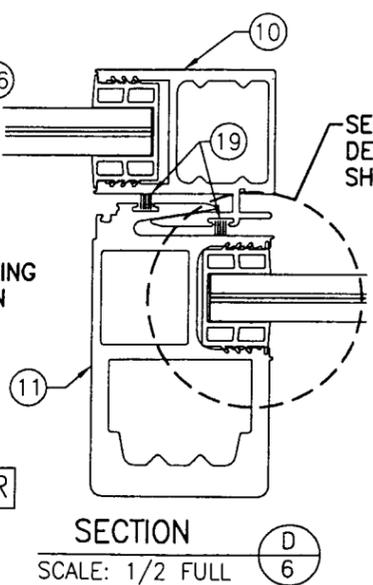
FRAME/TRACK ANCHORS POSITIONED PER ELEVATIONS (2 ANCHORS AT EA. SPECIFIED SIDE TRACK LOCATION)



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.)



Approved as complying with the Florida Building Code
Date: 01/16/03
NOA# 02-1206-03
Miami Dade Product Control Division
By: [Signature]

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. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	MANUFACTURER FLEETWOOD ALUMINUM PRODUCTS, INC. P.O. BOX 1086 CORONA, CA 92880 909-279-8068
CERTIFICATION DEC 04 2002 [Signature] WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1152
	REV. SHEET NO. 6 OF 7

