MIAMI-DADE

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)

T.M. Window & Door Co.
601 N.W. 12th Ave.
Pompano Beach, FL 33069

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 "310" Aluminum Sliding Glass Door (No Reinforcement)

APPROVAL DOCUMENT: Drawing No. **310-N3-C1, 310-N3-C2, 310-N3-C3, 310-N3-W1, 310-N3-W2 and 310-N3-W3**, titled "Series 310 Alum Sliding Glass Door-XO, OXO, OXXO", sheets 1 through 6 of 6, prepared by the manufacturer, dated 9/23/96 with revision on 11/18/96, signed and sealed by Ballard L. Argus, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

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 **renews NOA # 01-1128.03** and, consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Manuel Perez, P.E.**

PRODUCT CONTROL ACCEPTED

T.M. Window & Door Co.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **310-N3-C1, 310-N3-C2, 310-N3-C3, 310-N3-W1, 310-N3-W2 and 310-N3-W3**, titled "Series 310 Alum Sliding Glass Door-XO, OXO, OXXO", sheets 1 through 6 of 6, prepared by the manufacturer, dated 9/23/96 with revision on 11/18/96, signed and sealed by Ballard L. Argus, 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 20294
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Small Missile Impact Test per FBC, TAS 201-94
   5) Large Missile Impact Test per FBC, TAS 201-94
   6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   7) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

   along with marked-up drawings and installation diagram of a aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 00117**, dated 1/15/01, signed and sealed by Antonio Acevedo, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Small Missile Impact Test per FBC, TAS 201-94
   5) Large Missile Impact Test per FBC, TAS 201-94
   6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   7) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

   along with marked-up drawings and installation diagram of a aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2976**, dated March 2, 2001, witnessed by Antonio Acevedo, P.E.

B. CALCULATIONS

Submitted under NOA#01-0122.01

1. Anchor Calculations, dated 6/2/95, prepared, signed and sealed by Richard N. Park, P.E.

Manuel Perez, P.E.
Product Control Examiner
NOA No 02-1224.09
Expiration Date: May 02, 2003
Approval Date: January 30, 2003

T.M. Window & Door Co.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

D. MATERIAL CERTIFICATIONS

1. Notice of Proposed Action No. **98-0728.05**, issued to Solutia, Inc. for their Saflex IIIG PVB Polyvinyl butryal interlayer, approved on 8/27/98 and expiring on 5/21/01.

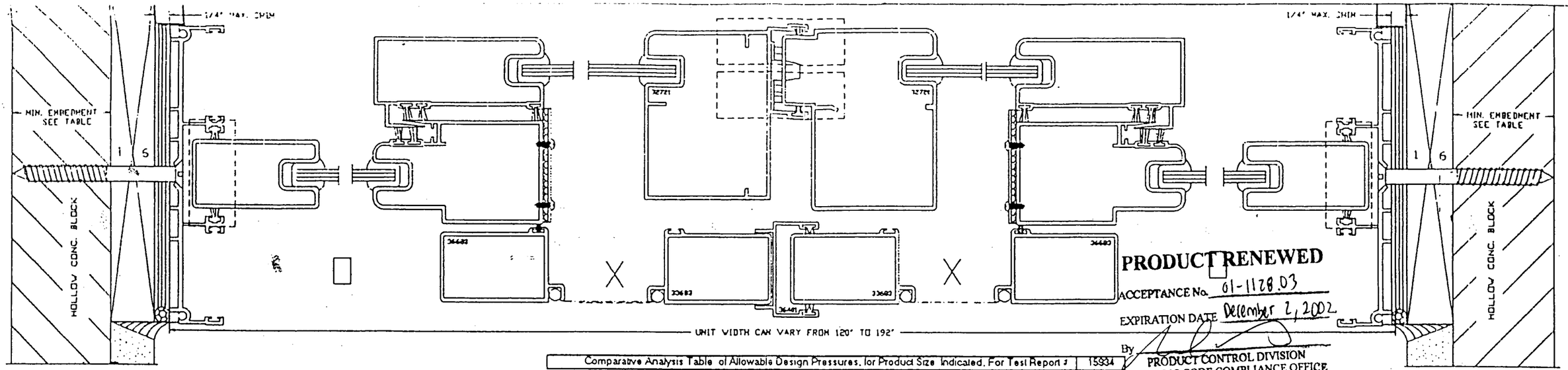
E. STATEMENTS

1. None

F. OTHER

1. Notice of Acceptance No. **01-1128.03** TM Window & Door Co., Series "310" Aluminum Sliding Glass Door (No Reinforcement), approved on 12/20/01 and expiring on 12/02/02.

Manuel Perez, P.E.
Product Control Examiner
NOA No 02-1224.09
Expiration Date: May 02, 2003
Approval Date: January 30, 2003



PRODUCT RENEWED
ACCEPTANCE No. 01-1128.03
EXPIRATION DATE December 2, 2002
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Comparative Analysis Table of Allowable Design Pressures, for Product Size Indicated, For Test Report # 15934

TMWD Product Code	Project SGD Frame Dim OXXO Width (in)	x	Height (in)	Max Allow Dp (psf) 2 1/2" Sill Height + Pos Dp	- Neg Dp	"B" Anch Each Jamb	"B" Anch Left Pan Head/Sill	"B" Anch Mid Pan(s) Head/Sill	"B" Anch Right Pan Head/Sill
10068	10'-0"	x	6'-8"	55.3	-55.8	4	2	1	2
12068	12'-0"	x	6'-8"	48.8	-48.8	4	2	1	2
16068	16'-0"	x	6'-8"	40.5	-40.5	4	2	2	2
10080	10'-0"	x	8'-0"	43.3	-43.3	5	2	1	2
12080	12'-0"	x	8'-0"	36.4	-36.4	5	2	1	2
16080	16'-0"	x	8'-0"	28.9	-28.9	5	2	2	2

PRODUCT RENEWED
ACCEPTANCE No. 99-1201.02
EXPIRATION DATE 12/02/2000
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 03 1996
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0825.08

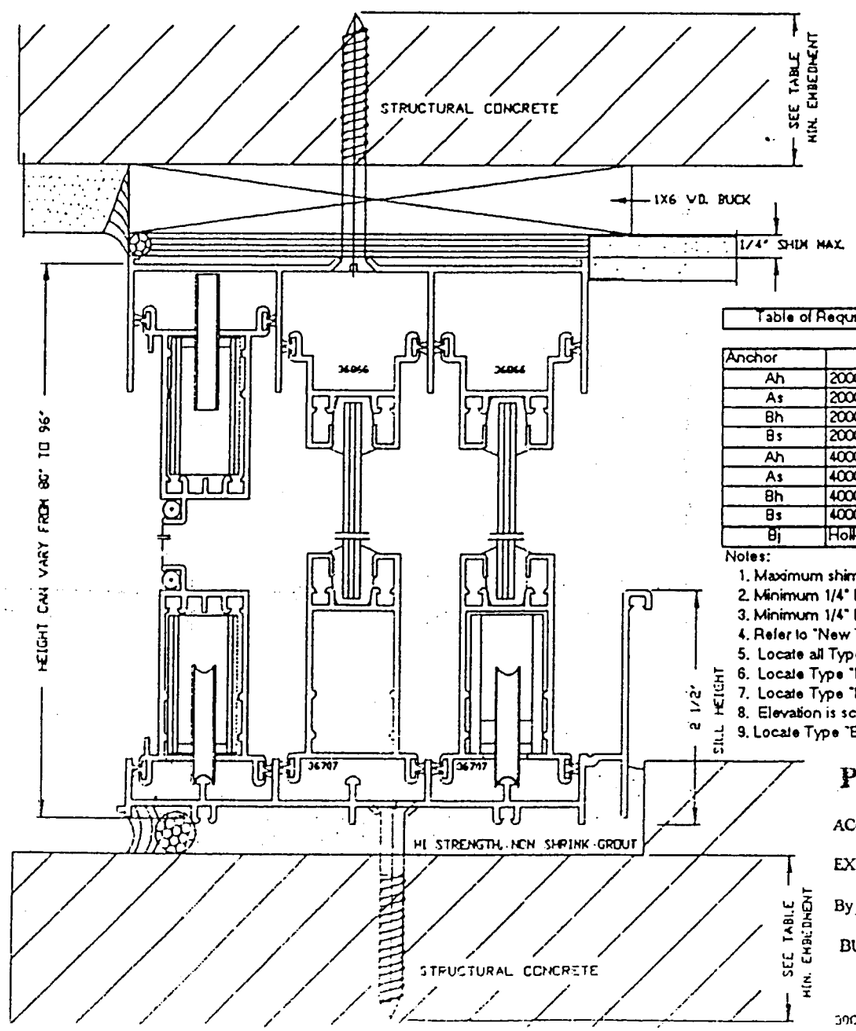


Table of Required Anchors – Structural Concrete/CBS Construction, for Test Report # 15934

Anchor	Substrate Type	Vmax (lb)	Use Anchor Type	Notes
Ah	2000 psi Concrete	378.2	2 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
As	2000 psi Concrete	378.2	2 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
Bh	2000 psi Concrete	146.0	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bs	2000 psi Concrete	146.0	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Ah	4000 psi Concrete	378.2	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
As	4000 psi Concrete	378.2	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
Bh	4000 psi Concrete	146.0	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bs	4000 psi Concrete	146.0	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bj	Hollow Concrete Block	162.1	1 ea 1/4" Dia Tapcon x 1 1/2" Embedment	1,2,3,4,7,9

Notes:
1. Maximum shim space between sliding glass door frame and concrete/wood buck substrate = 1/4".
2. Minimum 1/4" Diameter Tapcon Edge Distance from edge of concrete/block = 2 1/2".
3. Minimum 1/4" Diameter Tapcon embedment for hollow concrete block = 1 1/2".
4. Refer to "New Tapcon Design Data" and "ICBO Report #3370, October 1990".
5. Locate all Type "A" Anchors within 6" of interlocker ends, per test mock-up..
6. Locate Type "B" Head/Sill Anchors at 6" from frame ends and 21 5/8" O.C. Maximum, per test mock-up.
7. Locate Type "B" Jamb Anchors at 6" from frame ends and 24" O.C. Maximum, per test mock-up.
8. Elevation is scaled view of equivalent "test size" unit for "OXXO" or "OXXX" configuration.
9. Locate Type "B" anchors for other size units per notes 6 and 7.

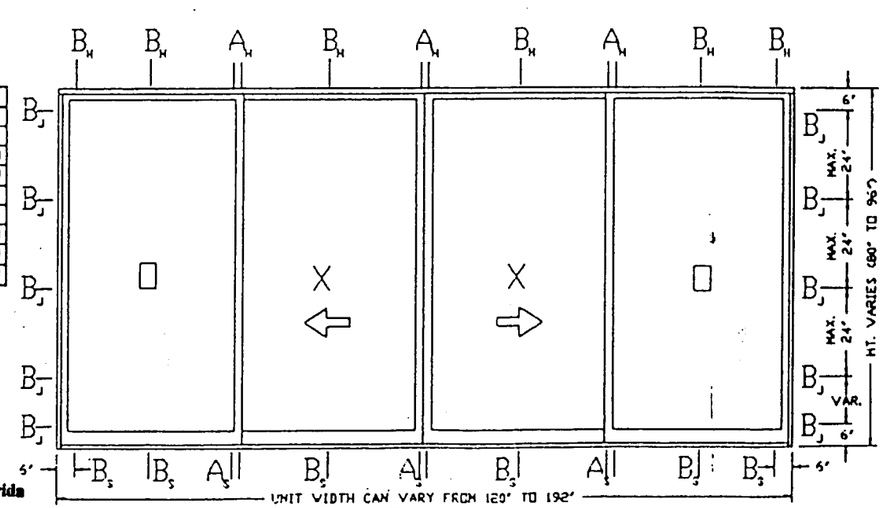
PRODUCT RENEWED
ACCEPTANCE No. 01-0122.01
EXPIRATION DATE DEC 0 2 2001
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

300:5934

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-1224.09
Expiration Date MAY 2, 2003
By
Miami-Dade Public Safety Department
Division

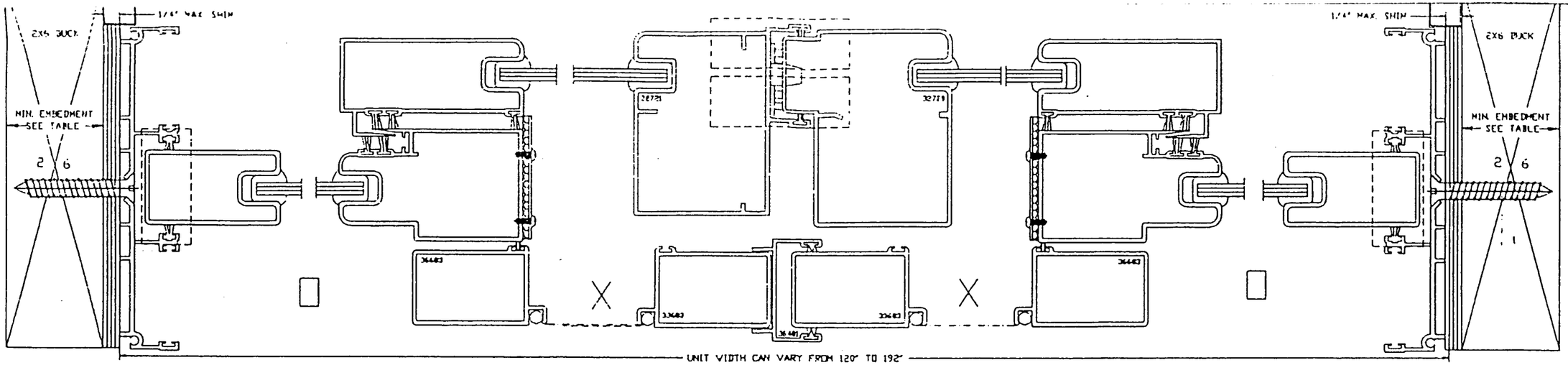
Glass Lite Information - OXXO or OXXX Configuration
Typical Glass Bite = 1/2"
Glass Lite Width = ((SGD Frame Width - 11 7/8)/4)"
Glass Lite Height = (SGD Frame Height - 4)"

STRUCTURAL CONCRETE/CBS CONSTRUCTION



Ballard L. Argus, P.E.
11/18/96

TM Window & Door Co. 601 NW 12 AVE., Pompano Beach, FL	
Product Description Series 310 Alum. Sliding Glass Door	
Glass Type 3/16" Thick Tempered Glass	
Testing Laboratory: Miami Testing Lab.	
Test Report No: 15934	10/14/94
Dwg.No. 310-N3-C3	Config: OXXO
Sheet: 1 of 1	Date: 9/23/96
Rev. 11-18-96	
Metro Dade Action: Product Approval Renewal	



Comparative Analysis Table of Allowable Design Pressures, for Product Size Indicated, For Test Report #	15934

TMWD Product Code	Project SGD Frame Dim OXXO Width (in)	x	Height (in)	Max Allow Dp (psf) 2 1/2" Sill Height + Pos Dp	- Neg Dp	"B" Anch Each Jamb	"B" Anch Left Pan Head/Sill	"B" Anch Mid Pan(s) Head/Sill	"B" Anch Right Pan Head/Sill
10068	10'-0"	x	6'-8"	55.3	-55.8	4	2	1	2
12068	12'-0"	x	6'-8"	48.8	-48.8	4	2	1	2
16068	16'-0"	x	6'-8"	40.5	-40.5	4	2	2	2
10080	10'-0"	x	8'-0"	43.3	-43.3	5	2	1	2
12080	12'-0"	x	8'-0"	36.4	-36.4	5	2	1	2
16080	16'-0"	x	8'-0"	28.9	-28.9	5	2	2	2

PRODUCT RENEWED
ACCEPTANCE No. 99-1201.02
EXPIRATION DATE December 02, 2000
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 03 1996
BY Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0825.08

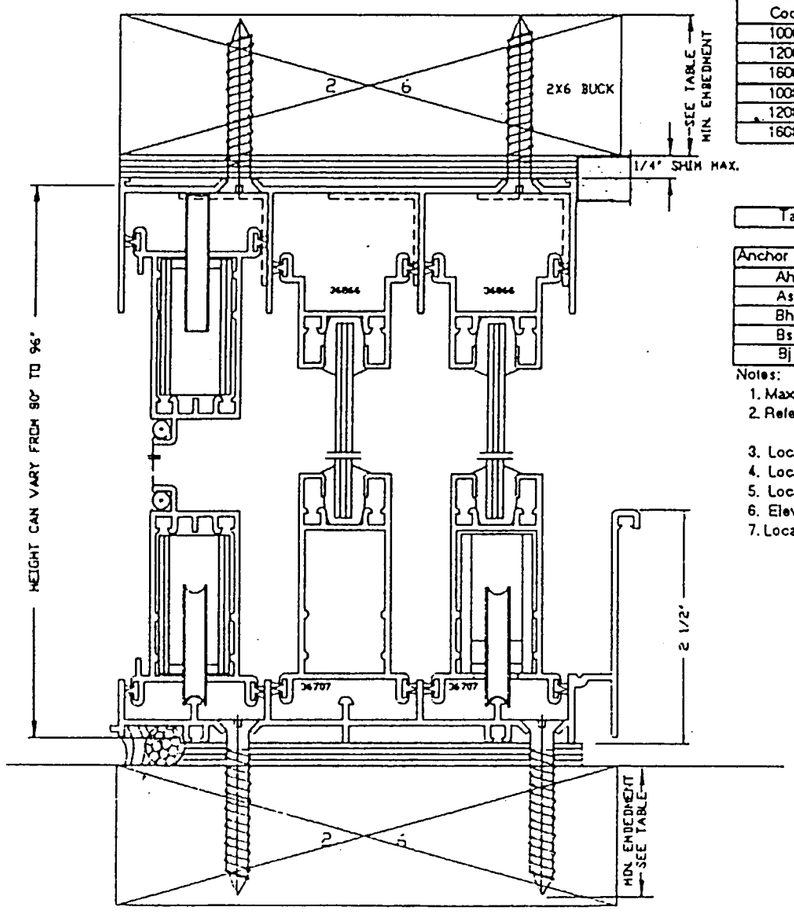


Table of Required Anchors – Wood Frame Construction, for Test Report #	15934

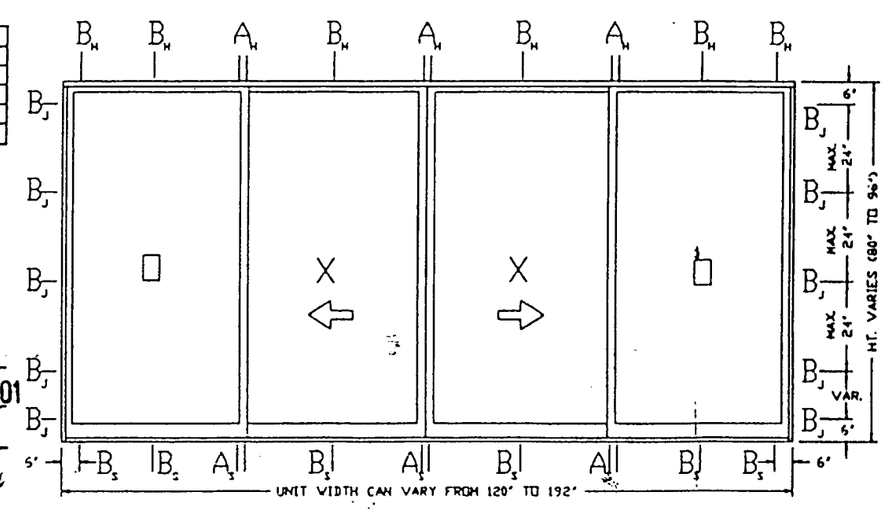
Anchor	Substrate Type	Vmax (lb)	Use Anchor Type	Notes
Ah	1 1/2" P.T. Sou. Pine	378.2	2ea #10 Sheet Metal Screw x 1 1/4" Penetration	1,2,3,6
As	1 1/2" P.T. Sou. Pine	378.2	2ea #10 Sheet Metal Screw x 1 1/4" Penetration	1,2,3,6
Bh	1 1/2" P.T. Sou. Pine	146.0	1 ea #10 Sheet Metal Screw x 1" Penetration	1,2,3,4,5
Bs	1 1/2" P.T. Sou. Pine	146.0	1 ea #10 Sheet Metal Screw x 1" Penetration	1,2,3,4,5
Bj	1 1/2" P.T. Sou. Pine	162.1	1 ea #12 Sheet Metal Screw x 1" Penetration	1,2,3,4,5

Notes:
1. Maximum shim space between sliding glass door frame and P.T. Southern Pine wood buck substrate = 1/4".
2. References: "Wood Engineering Handbook", U.S. Forest Products Laboratory, 1974.
   "Southern Pine Manual", Southern Forest Products Assocaiation, 1975.
3. Locate all Type "A" Anchors within 6" of interlocker ends, per test mock-up..
4. Locate Type "B" Head/Sill Anchors at 6" from frame ends and 21 5/8" O.C. Maximum, per test mock-up.
5. Locate Type "B" Jamb Anchors at 6" from frame ends and 24" O.C. Maximum, per test mock-up.
6. Elevation is scaled view of equivalent "test size" unit for "OXXO" or "OXXX" configuration.
7. Locate Type "B" anchors for other size units per notes 4 and 5.

PRODUCT RENEWED
ACCEPTANCE No. 01-1129.03
EXPIRATION DATE December 2, 2002
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
as complying with the Florida Buiding Code
Acceptance No. 02-1224.09
Expiration Date MAY 2, 2003
By Manuel Perez
Miami-Dade Product Control

PRODUCT RENEWED
ACCEPTANCE No. 01-0122.01
EXPIRATION DATE DEC 0 2 2001
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE



Glass Lite Information – OXXO or OXXX Configuration
Typical Glass Lite = 1/2"
Glass Lite Width = ((SGD Frame Width - 11 7/8)/4)"
Glass Lite Height = (SGD Frame Height - 4)"

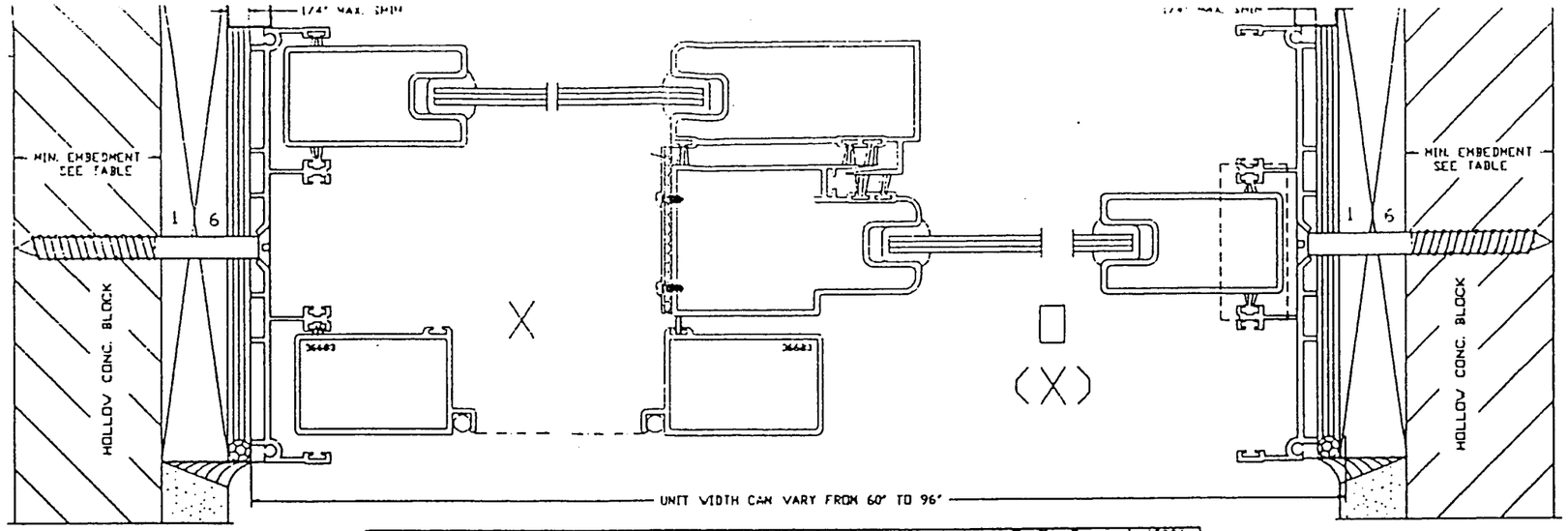
WOOD BUCK CONSTRUCTION

Ballard E. Argus, P.E.
11/18/96
Expires 2/23/97

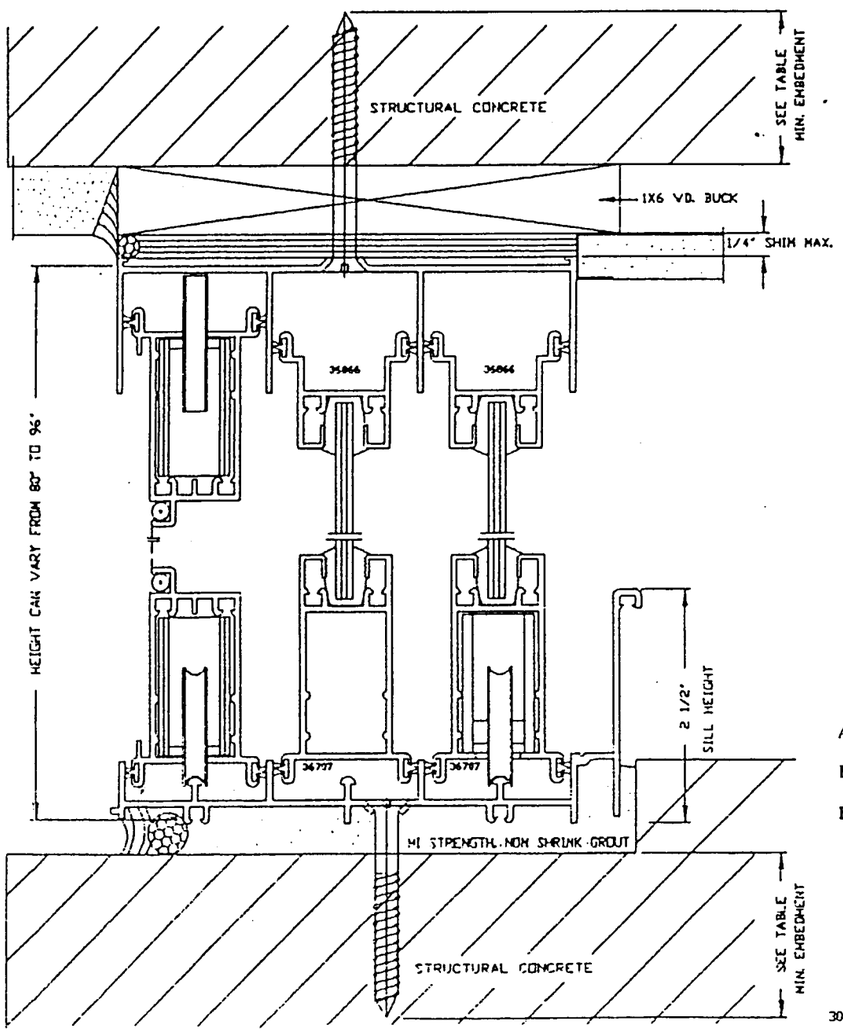
TM Window & Door Co. 601 NW 12 AVE., Pompano Beach, FL	
Product Description Series 310 Alum. Sliding Glass Door	
Glass Type 3/16" Thick Tempered Glass	
Testing Laboratory: Miami Testing Lab.	
Test Report No: 15934	10/14/94

Dwg.No.	Config:	Sheet:	Date:	Rev.
310-43-W3	OXXO	1 of 1	9/23/96	11-18-96

Metro Dade Action: Product Approval Renewal



PRODUCT RENEWED
ACCEPTANCE No. 99-1201.02
EXPIRATION DATE December, 02
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE



Comparative Analysis Table of Allowable Design Pressures, for Product Size Indicated, For Test Report # 15934

TMWD Product Code	Project SGD Frame Size OX Width (in)	x	Height (in)	Max Allow Dp (psf) 2 1/2" Sill Height + Pos Dp	- Neg Dp	"B" Anch Each Jamb	"B" Anch Left Pan Head/Sill	"B" Anch Right Pan Head/Sill
5068	5'-0"	x	6'-8"	55.3	-55.8	4	2	2
6068	6'-0"	x	6'-8"	48.7	-48.7	4	2	2
8068	8'-0"	x	6'-8"	40.4	-40.4	4	2	2
5080	5'-0"	x	8'-0"	44.6	-44.6	5	2	2
6080	6'-0"	x	8'-0"	38.5	-38.5	5	2	2
8080	8'-0"	x	8'-0"	31.2	-31.2	5	2	2

Table of Required Anchors – Structural Concrete/CBS Construction, for Test Report # 15934

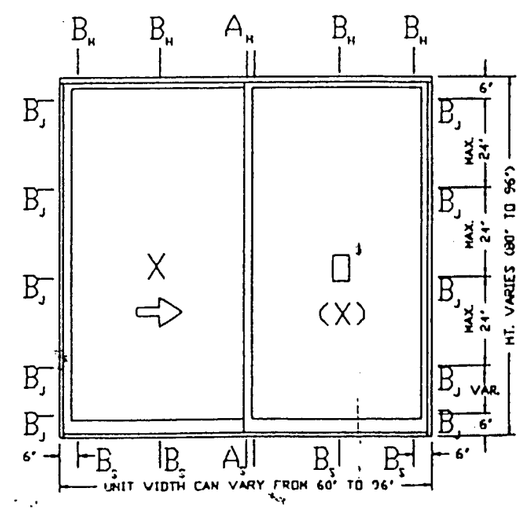
Anchor	Substrate Type	Vmax (lb)	Use Anchor Type	Notes
Ah	2000 psi Concrete	378.0	2 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
As	2000 psi Concrete	378.0	2 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
Bh	2000 psi Concrete	145.4	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bs	2000 psi Concrete	145.4	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Ah	4000 psi Concrete	378.0	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
As	4000 psi Concrete	378.0	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
Bh	4000 psi Concrete	145.4	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bs	4000 psi Concrete	145.4	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bj	Hollow Concrete Block	161.4	1 ea 1/4" Dia Tapcon x 1 1/2" Embedment	1,2,3,4,7,9

Notes:
1. Maximum shim space between sliding glass door frame and concrete/wood buck substrate = 1/4".
2. Minimum 1/4" Diameter Tapcon Edge Distance from edge of concrete/block = 2 1/2".
3. Minimum 1/4" Diameter Tapcon embedment for hollow concrete block = 1 1/2".
4. Refer to "New Tapcon Design Data" and "ICBO Report #3370, October 1990".
5. Locate all Type "A" Anchors within 6" of interlocker ends, per test mock-up..
6. Locate Type "B" Head/Sill Anchors at 6" from frame ends and 21 5/8" O.C. Maximum, per test mock-up.
7. Locate Type "B" Jamb Anchors at 6" from frame ends and 24" O.C. Maximum, per test mock-up.
8. Elevation is scaled view of equivalent "test size" unit for "OX", "XO", or "XX" configuration.
9. Locate Type "B" anchors for other size units per notes 6 and 7.

PRODUCT RENEWED
ACCEPTANCE No. 01-1128.03
EXPIRATION DATE December 2, 2002
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
ACCEPTANCE No. 01-0122.01
EXPIRATION DATE DEC 0 2 2001
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 03 19 96
BY Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0825.08



PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 02-1224.09
Expiration Date MAY 2, 2003
By Manuel Perez
Miami-Dade Product Control Division

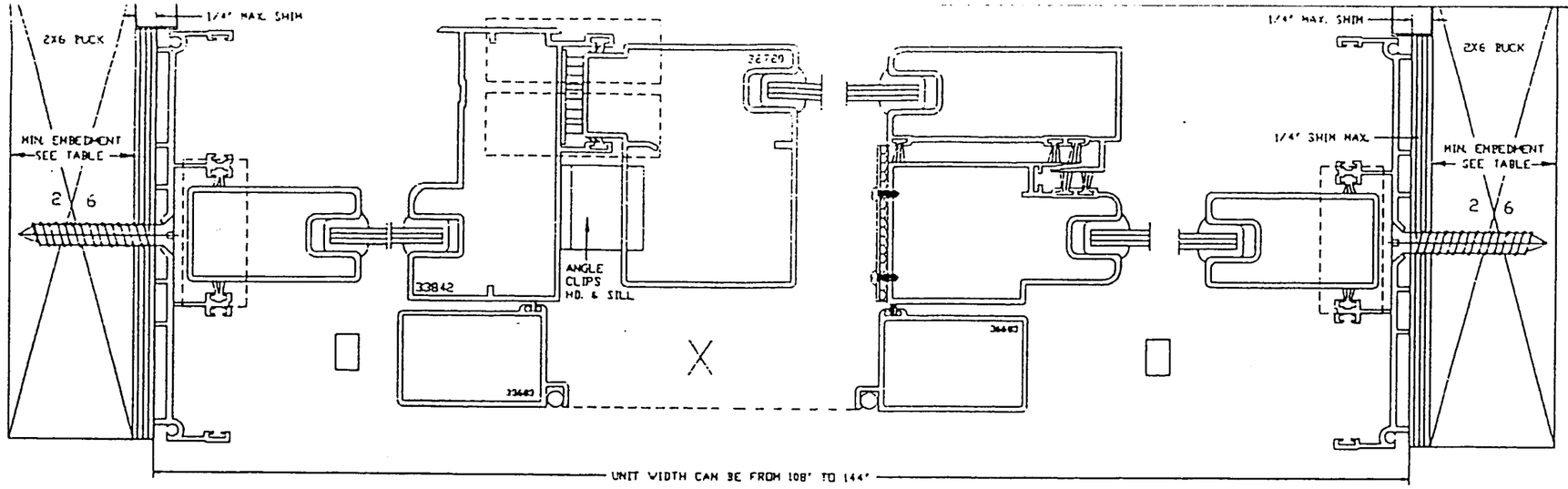
Glass Lite Information – OX, XO, or XX Configuration
Typical Glass Bite = 1/2"
Glass Lite Width = ((SGD Frame Width - 6 1/16)/2)"
Glass Lite Height = (SGD Frame Height - 4)"

STRUCTURAL CONCRETE/CBS CONSTRUCTION

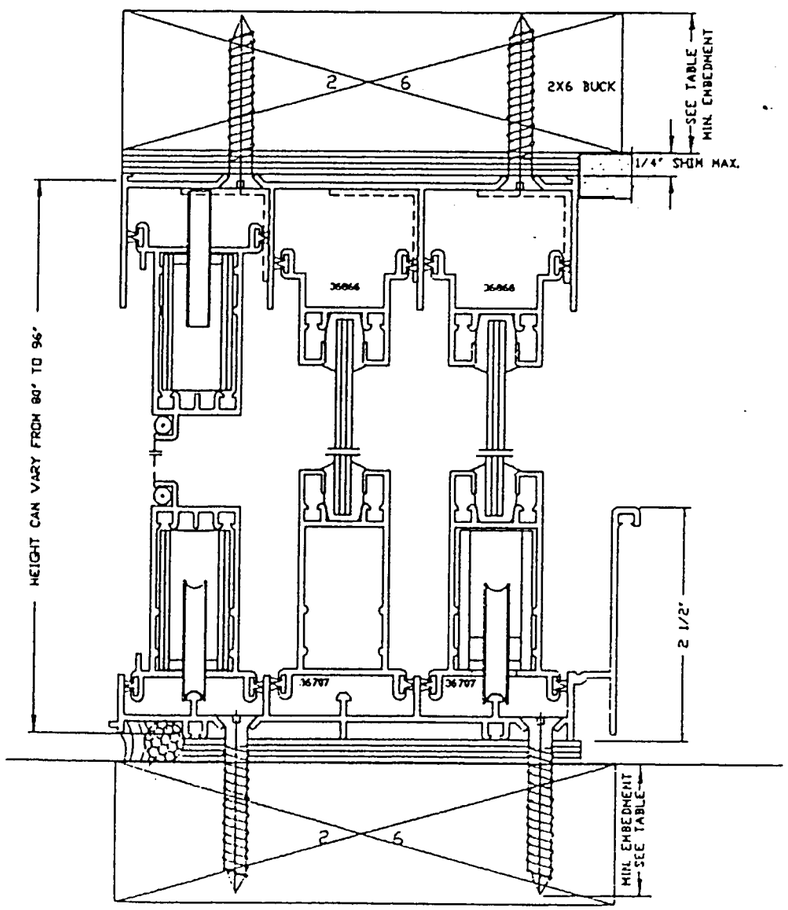
Ballard L. Argus, P.E.
11/18/96
Expires 2/28/97

TM Window & Door Co. 601 NW 12 AVE., Pompano Beach, FL				
Product Description Series 310 Alum. Sliding Glass Door				
Glass Type 3/16" Thick Tempered Glass				
Testing Laboratory: Miami Testing Lab.				
Test Report No: 15934				10/14/94
Dwg.No. 310-N3-C1	Config: XO	Sheet: 1 of 1	Date: 9/23/96	Rev. 11-18-96
Metro Dade Action: Product Approval Renewal				

30C15934



PRODUCT RENEWED
ACCEPTANCE No. 99-1201.02
EXPIRATION DATE 12/02/2000
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE



Comparative Analysis Table of Allowable Design Pressures, for Product Size Indicated, For Test Report # 15934

TMWD Product Code	Project SGD Frame Size OXO Width (in)	x	Height (in)	Max Allow Dp (psf) 2 1/2" Sill Height + Pos Dp	- Neg Dp	"B" Anch Each Jamb	"B" Anch Left Pan Head/Sill	"B" Anch Mid Pan Head/Sill	"B" Anch Right Pan Head/Sill
9068	9'-0"	x	6'-8"	48.9	-48.9	4	2	1	2
10668	10'-6"	x	6'-8"	44.0	-44.0	4	2	1	2
12068	12'-0"	x	6'-8"	40.6	-40.6	4	2	2	2
9080	9'-0"	x	8'-0"	38.1	-38.1	5	2	1	2
10680	10'-6"	x	8'-0"	33.2	-33.2	5	2	1	2
12080	12'-0"	x	8'-0"	29.6	-29.6	5	2	2	2

Table of Required Anchors – Wood Frame Construction, for Test Report # 15934

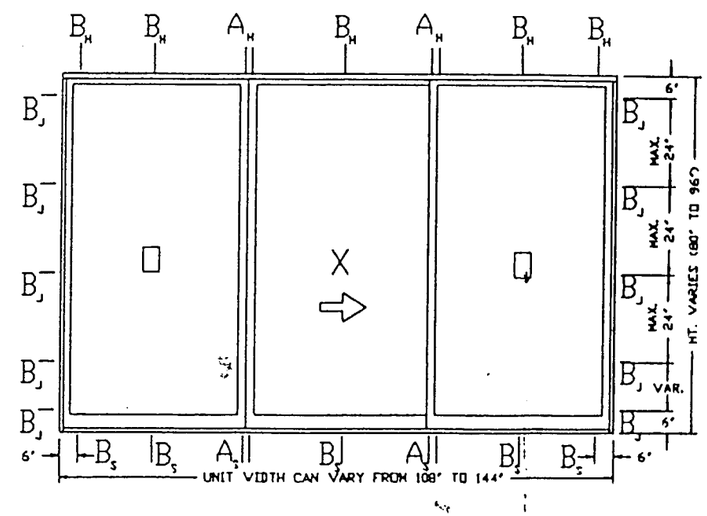
Anchor	Substrate Type	Vmax (lb)	Use Anchor Type	Notes
Ah	1 1/2" P.T. Sou. Pine	378.7	2ea #10 Sheet Metal Screw x 1 1/4" Penetration	1,2,3,6
As	1 1/2" P.T. Sou. Pine	378.7	2ea #10 Sheet Metal Screw x 1 1/4" Penetration	1,2,3,6
Bh	1 1/2" P.T. Sou. Pine	146.2	1 ea #10 Sheet Metal Screw x 1" Penetration	1,2,3,4,5
Bs	1 1/2" P.T. Sou. Pine	146.2	1 ea #10 Sheet Metal Screw x 1" Penetration	1,2,3,4,5
Bj	1 1/2" P.T. Sou. Pine	162.3	1 ea #12 Sheet Metal Screw x 1" Penetration	1,2,3,4,5

Notes:
1. Maximum shim space between sliding glass door frame and P.T. Southern Pine wood buck substrate = 1/4".
2. References: "Wood Engineering Handbook", U.S. Forest Products Laboratory, 1974.
   "Southern Pine Manual", Southern Forest Products Assocaiation, 1975.
3. Locate all Type "A" Anchors within 6" of interlocker ends, per test mock-up..
4. Locate Type "B" Head/Sill Anchors at 6" from frame ends and 21 5/8" O.C. Maximum, per test mock-up.
5. Locate Type "B" Jamb Anchors at 6" from frame ends and 24" O.C. Maximum, per test mock-up.
6. Elevation is scaled view of equivalent "test size" unit for "OXO" or "OXX" configuration.
7. Locate Type "B" anchors for other size units per notes 4 and 5.

PRODUCT RENEWED
ACCEPTANCE No. 01-1124.03
EXPIRATION DATE December 2, 2002
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
ACCEPTANCE No. 01-0122.01
EXPIRATION DATE DEC 0 2 2001
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 02, 1996
BY Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0825.08



PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-1224.09
Expiration Date MAY 2, 2003
By Manuel Perez
Miami Dade Product Control Division

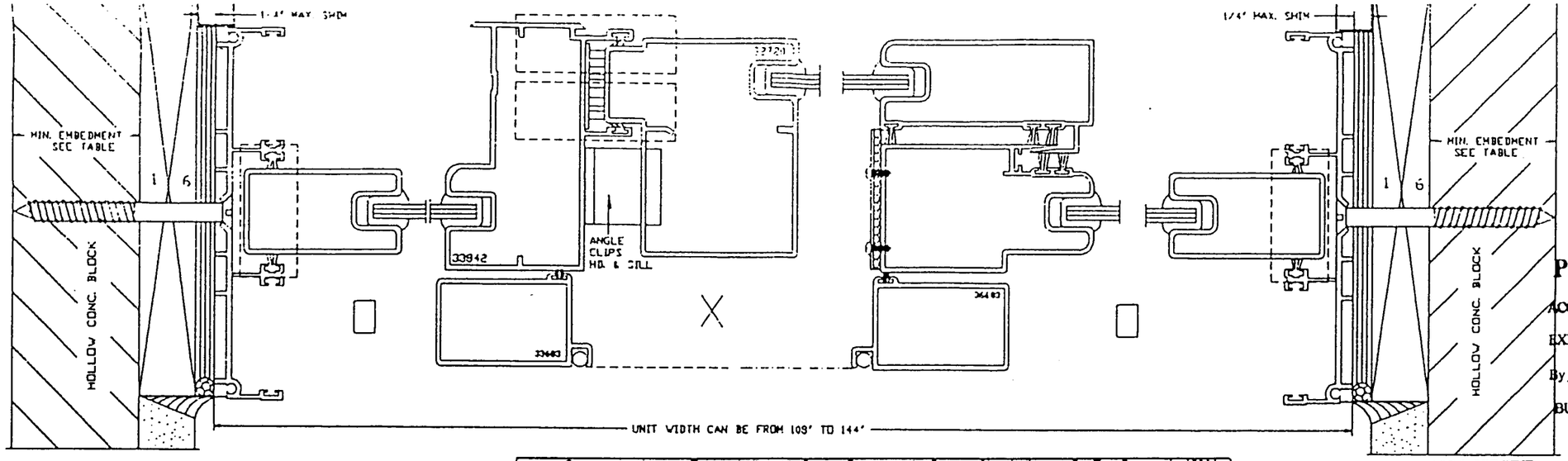
Glass Lite Information – OXO or OXX Configuration
Typical Glass Lite = 1/2"
Glass Lite Width = ((SGD Frame Width - 10) /3)"
Glass Lite Height = (SGD Frame Height - 4)"

WOOD BUCK CONSTRUCTION

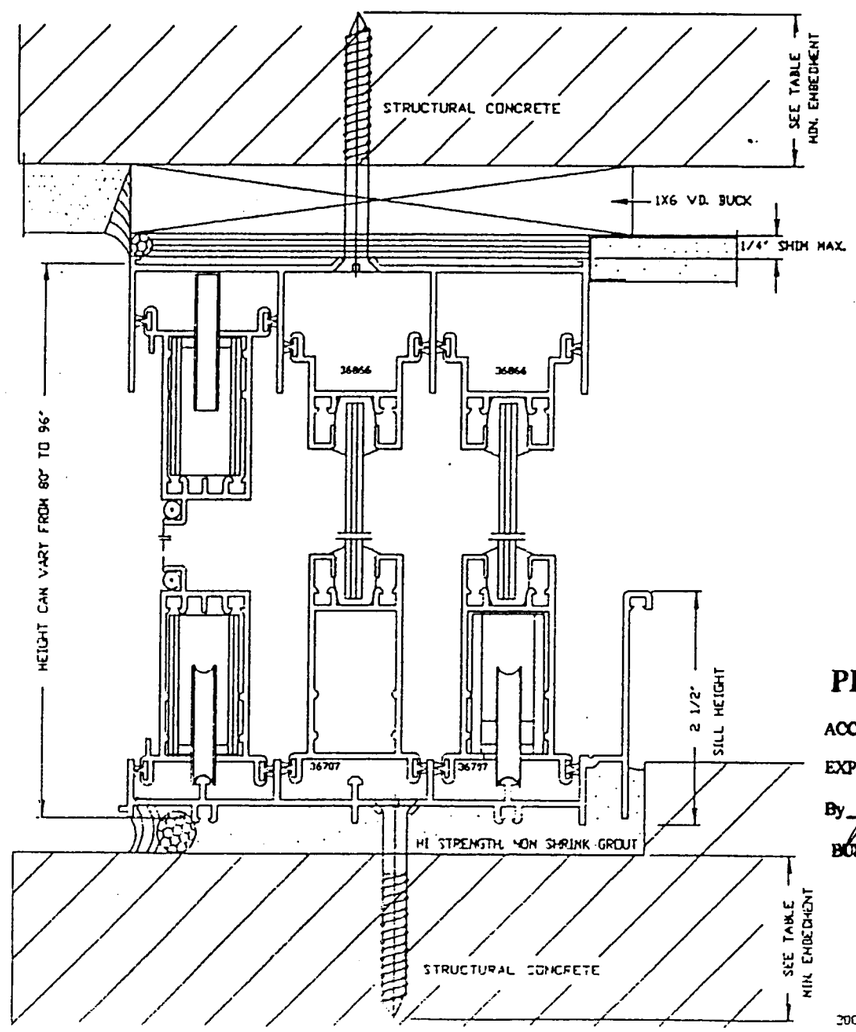
'30V15934'

Ballard L. Argus, P.E.
11/18/96

TM Window & Door Co. 601 NW 12 AVE., Pompano Beach, FL				
Product Description Series 310 Alum. Sliding Glass Door				
Glass Type 3/16" Thick Tempered Glass				
Testing Laboratory: Miami Testing Lab.				
Test Report No: 15934			10/14/94	
Dwg.No.	Config:	Sheet:	Date:	Rev.
310-N3-W3	OXO	1 of 1	9/23/96	11-18-96
Metro Dade Action: Product Approval Renewal				



PRODUCT RENEWED
ACCEPTANCE No. 99-1201.02
EXPIRATION DATE 12/02/2000
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE



Comparative Analysis Table of Allowable Design Pressures, for Product Size Indicated, For Test Report # 15934

TMWD Product Code	Project SGD Frame Size OXO Width (in)	x	Height (in)	Max Allow Dp (psf) 2 1/2" Sill Height + Pos Dp	- Neg Dp	"B" Anch Each Jamb	"B" Anch Left Pan Head/Sill	"B" Anch Mid Pan Head/Sill	"B" Anch Right Pan Head/Sill
9068	9'-0"	x	6'-8"	48.9	-48.9	4	2	1	2
10668	10'-6"	x	6'-8"	44.0	-44.0	4	2	1	2
12068	12'-0"	x	6'-8"	40.6	-40.6	4	2	2	2
9080	9'-0"	x	8'-0"	38.1	-38.1	5	2	1	2
10680	10'-6"	x	8'-0"	33.2	-33.2	5	2	1	2
12080	12'-0"	x	8'-0"	29.6	-29.6	5	2	2	2

Table of Required Anchors – Structural Concrete/CBS Construction, for Test Report # 15934

Anchor	Substrate Type	Vmax (lb)	Use Anchor Type	Notes
Ah	2000 psi Concrete	378.7	2 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
As	2000 psi Concrete	378.7	2 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
Bh	2000 psi Concrete	146.2	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bs	2000 psi Concrete	146.2	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Ah	4000 psi Concrete	378.7	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
As	4000 psi Concrete	378.7	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,5,8
Bh	4000 psi Concrete	146.2	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bs	4000 psi Concrete	146.2	1 ea 1/4" Dia Tapcon x 1" Embedment	1,2,4,6,8,9
Bj	Hollow Concrete Block	162.3	1 ea 1/4" Dia Tapcon x 1 1/2" Embedment	1,2,3,4,7,9

Notes:
1. Maximum shim space between sliding glass door frame and concrete/wood buck substrate = 1/4".
2. Minimum 1/4" Diameter Tapcon Edge Distance from edge of concrete/block = 2 1/2".
3. Minimum 1/4" Diameter Tapcon embedment for hollow concrete block = 1 1/2".
4. Refer to "New Tapcon Design Data" and "ICBO Report #3370, October 1990".
5. Locate all Type "A" Anchors within 6" of interlocker ends, per test mock-up..
6. Locate Type "B" Head/Sill Anchors at 6" from frame ends and 21 5/8" O.C. Maximum, per test mock-up.
7. Locate Type "B" Jamb Anchors at 5" from frame ends and 24" O.C. Maximum, per test mock-up.
8. Elevation is scaled view of equivalent "test size" unit for "OXO" or "OXX" configuration.
9. Locate Type "B" anchors for other size units per notes 6 and 7.

PRODUCT RENEWED
ACCEPTANCE No. 01-1128.03
EXPIRATION DATE December 2, 2002
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-1224.09
Expiration Date MAY 2, 2003
By
Miami Dade Product Control Division

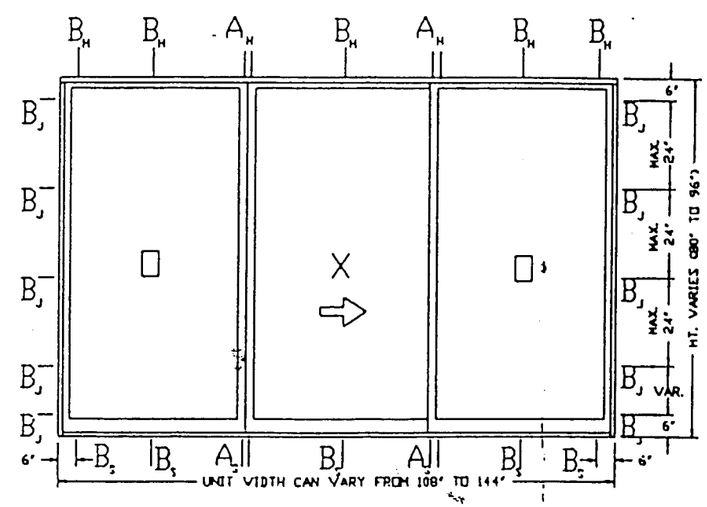
Glass Lite Information – OXO or OXX Configuration
Typical Glass Bite = 1/2"
Glass Lite Width = ((SGD Frame Width - 10)/3)"
Glass Lite Height = (SGD Frame Height - 4)"

STRUCTURAL CONCRETE/CBS CONSTRUCTION

20015934

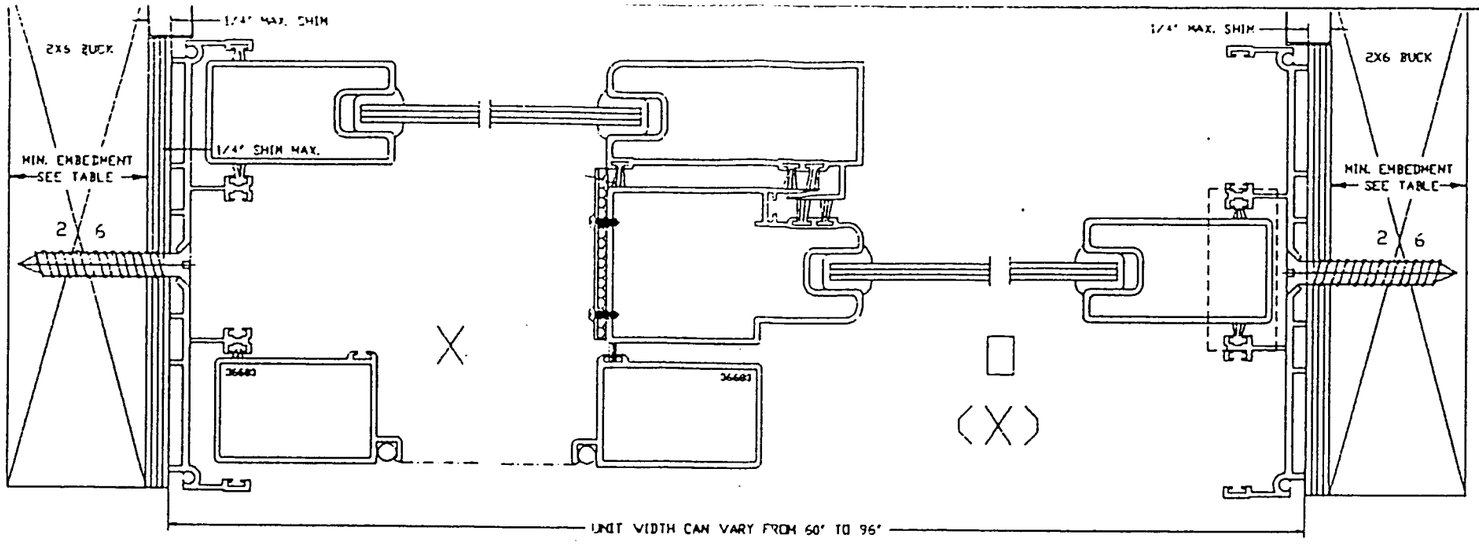
PRODUCT RENEWED
ACCEPTANCE No. 01-0122.01
EXPIRATION DATE DEC 0 2 2001
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 03 1996
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0825.08

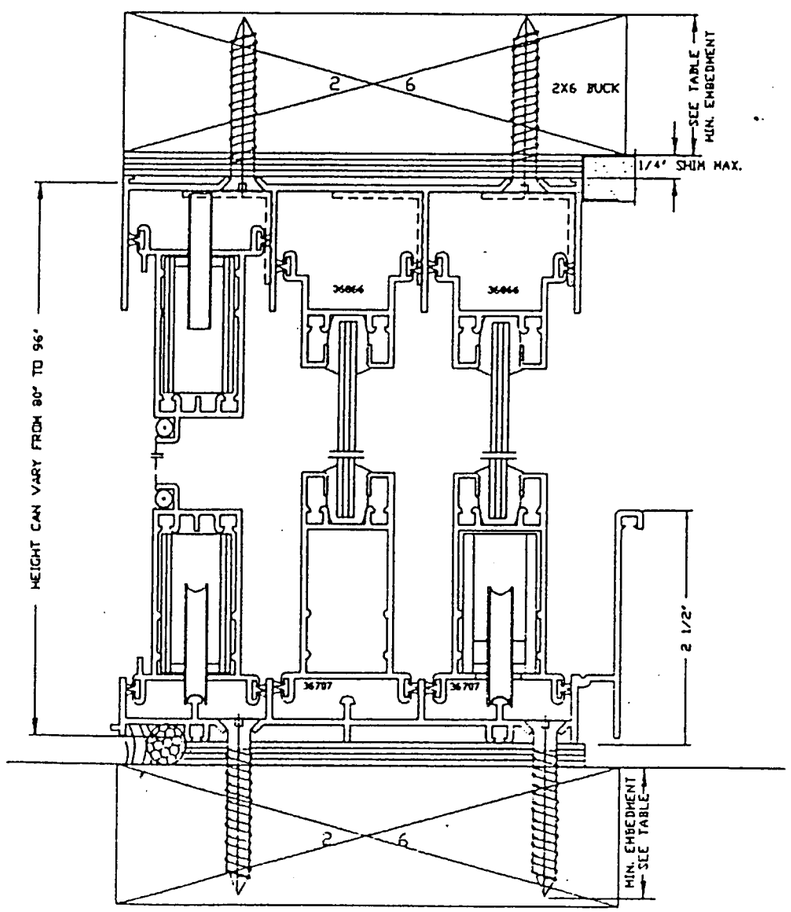


Ballard L. Argus, P.E.
11/18/96
Expires 2/28/97

TM Window & Door Co. 601 NW 12 AVE., Pompano Beach, FL				
Product Description Series 310 Alum. Sliding Glass Door				
Glass Type 3/16" Thick Tempered Glass				
Testing Laboratory: Miami Testing Lab.				
Test Report No: 15934			10/14/94	
Dwg.No. 310-N1-C2	Config: OXO	Sheet: 1 of 1	Date: 9/23/96	Rev. 11-18-96
Metro Dade Action: Product Approval Renewal				



PRODUCT RENEWED
ACCEPTANCE No. 99-1201.02
EXPIRATION DATE December 02, 2000
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE



Comparative Analysis Table of Allowable Design Pressures, for Product Size Indicated, For Test Report # 15934

TMWD Product Code	Project SGD Frame Size OX Width (in)	x	Height (in)	Max Allow Dp (psf) 2 1/2" Sill Height + Pos Dp	- Neg Dp	"B" Anch Each Jamb	"B" Anch Left Pan Head/Sill	"B" Anch Right Pan Head/Sill
5068	5'-0"	x	6'-8"	55.3	-55.8	4	2	2
6068	6'-0"	x	6'-8"	48.7	-48.7	4	2	2
8068	8'-0"	x	6'-8"	40.4	-40.4	4	2	2
5080	5'-0"	x	8'-0"	44.6	-44.6	5	2	2
6080	6'-0"	x	8'-0"	38.5	-38.5	5	2	2
8080	8'-0"	x	8'-0"	31.2	-31.2	5	2	2

Table of Required Anchors – Wood Frame Construction, for Test Report # 15934

Anchor	Substrate Type	Vmax (lb)	Use Anchor Type	Notes
Ah	1 1/2" P.T. Sou. Pine	378.0	2ea #10 Sheet Metal Screw x 1 1/4" Penetration	1,2,3,6
As	1 1/2" P.T. Sou. Pine	378.0	2ea #10 Sheet Metal Screw x 1 1/4" Penetration	1,2,3,6
Bh	1 1/2" P.T. Sou. Pine	145.4	1 ea #10 Sheet Metal Screw x 1" Penetration	1,2,3,4,5
Bs	1 1/2" P.T. Sou. Pine	145.4	1 ea #10 Sheet Metal Screw x 1" Penetration	1,2,3,4,5
Bj	1 1/2" P.T. Sou. Pine	161.4	1 ea #12 Sheet Metal Screw x 1" Penetration	1,2,3,4,5

Notes:
1. Maximum shim space between sliding glass door frame and P.T. Southern Pine wood buck substrate = 1/4".
2. References: "Wood Engineering Handbook", U.S. Forest Products Laboratory, 1974.
   "Southern Pine Manual", Southern Forest Products Assocaiation, 1975.
3. Locate all Type "A" Anchors within 6" of interlocker ends, per test mock-up..
4. Locate Type "B" Head/Sill Anchors at 6" from frame ends and 21 5/8" O.C. Maximum, per test mock-up.
5. Locate Type "B" Jamb Anchors at 6" from frame ends and 24" O.C. Maximum, per test mock-up.
6. Elevation is scaled view of equivalent "test size" unit for "OX", "XO", or "XX" configuration.
7. Locate Type "B" anchors for other size units per notes 4 and 5.

PRODUCT RENEWED
ACCEPTANCE No. 01-1128.03
EXPIRATION DATE December 2, 2002
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-1224.03
Expiration Date MAY 2, 2003
By Manuel Perez
Miami-Dade Product Control Division

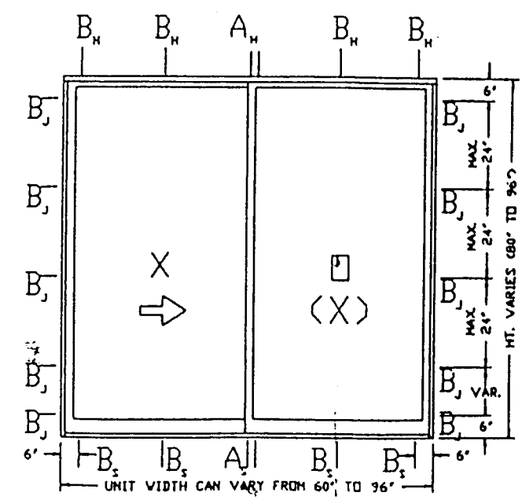
Glass Lite Information – OX, XO, or XX Configuration
Typical Glass Bite = 1/2"
Glass Lite Width = ((SGD Frame Width - 6 1/16)/2)"
Glass Lite Height = (SGD Frame Height - 4)"

WOOD BUCK CONSTRUCTION

'30V15934'

PRODUCT RENEWED
ACCEPTANCE No. 01-0122.01
EXPIRATION DATE DEC 02 2001
By Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE DECEMBER 02, 1996
BY Manuel Perez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 95-0825.08



Ballard L. Arbus, P.E.
11/18/96

TM Window & Door Co. 601 NW 12 AVE., Pompano Beach, FL				
Product Description Series 310 Alum. Sliding Glass Door				
Glass Type 3/16" Thick Tempered Glass				
Testing Laboratory: Miami Testing Lab.				
Test Report No: 15934			10/14/94	
Dwg.No. 310-N3-WH	Config: XO	Sheet: 1 of 1	Date: 9/23/96	Rev. 11-18-96
Metro Dade Action: Product Approval Renewal				