



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Tischler und Sohn (USA) Ltd.
Six Suburban Avenue
Stamford ,CT 06901

Your application for Notice of Acceptance (NOA) of:

Outswing Mahogany Wood Door w/wood Panels-Impact

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-1128.06
EXPIRES: 03/15/2006

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 03/15/2001

Tischler Und Sohn (USA) Ltd

ACCEPTANCE No.: 00-1128.06

APPROVED : March 15, 2001

EXPIRES : March 15, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an outswing mahogany wood door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The series **Outswing Mahogany Wood Doors w/ Wood Panel -Large Missile Impact Resistant** and its components shall be constructed in strict compliance with the following documents: Drawing No **TS-12**, titled "outswing Mahogany Door with Panel" Sheets 1 through 9 of 9, dated 07-07-2000 revised on 02-05-2001 and 02-14-2001, prepared by manufacturer, signed and sealed by Vipin N. Tolat, 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of pair of outswing doors or single inswing door, shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.

4. INSTALLATION

- 4.1 The wood swing doors and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
Product Control Division

Tischler Und Sohn (USA) Ltd

ACCEPTANCE No.: 00-1128.06

APPROVED : March 15, 2001

EXPIRES : March 15, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

Ishaq I. Chanda
Ishaq I. Chanda, P. E., Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

Tischler Und Sohn (USA) Ltd

ACCEPTANCE No.: 00-1128.06

APPROVED : March 15, 2001

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's parts and section drawings.
2. Drawing No **TS-12**, titled "outswing Mahogany Door with Panel" Sheets 1 through 9 of 9, dated 07-07-2000 revised on 02-05-2001 and 02-14-2001, prepared by manufacturer, signed and sealed by Vipin N. Tolat, P. E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Load Static Air Pressure Test, per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Resistance Test, per SFBC3603.2 (b) 5.

along with installation diagram of an In-swinging wood door marked-up by Construction Research Laboratory, Inc., Test Report No. **6675**, dated 04/13/99 thru 06/09/00 and revised on January 30, 2001, signed and sealed by Nariman S. Balsara, P. E.

2. Test reports on
 - 1) Large Missile Impact Test, SFBC PA 201-94
 - 2) Cyclic Loading Test, per SFBC PA 203-94

along with installation diagram of inswing wood door marked-up by Construction Research Laboratory, Inc., Test Report No. **6634**, dated 11/16/99 thru 06/14/00 and revised on January 30, 2001, signed and sealed by Nariman S. Balsara, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural performance, prepared by Vipin N. Tolat, P. E. Consulting Engineer, dated 09-21-00, 01-24-01 and last revised on 02-05-2001, signed and sealed by Vipin N. Tolat, P.E.

D. MATERIAL CERTIFICATIONS

1. None

E. STATEMENTS

1. Statement letter of conformance, dated November 22, 2000, signed by Vipin N. Tolat, P.E.
2. Statement letter of no financial interest, dated November 22, 2000, signed by Vipin N. Tolat, P.E.
3. Statement compliance issued as part of test report CRL 6637 dated 04/13/99 thru 06/09/00, signed and sealed by Nariman S. Balsara, P. E.
4. Addendum letter to test report No. 6634 dated January 30th, 20001, issued by Construction Research Laboratory, Inc. signed and sealed by Nariman S. Balsara, P. E.
5. Addendum letter to test report No. 6675 dated January 30th., issued by Construction Research Laboratory, Inc. signed and sealed by Nariman S. Balsara, P. E.

F. OTHER

1. None

Ishaq I. Chanda
Ishaq I. Chanda, P.E. Product Control Examiner
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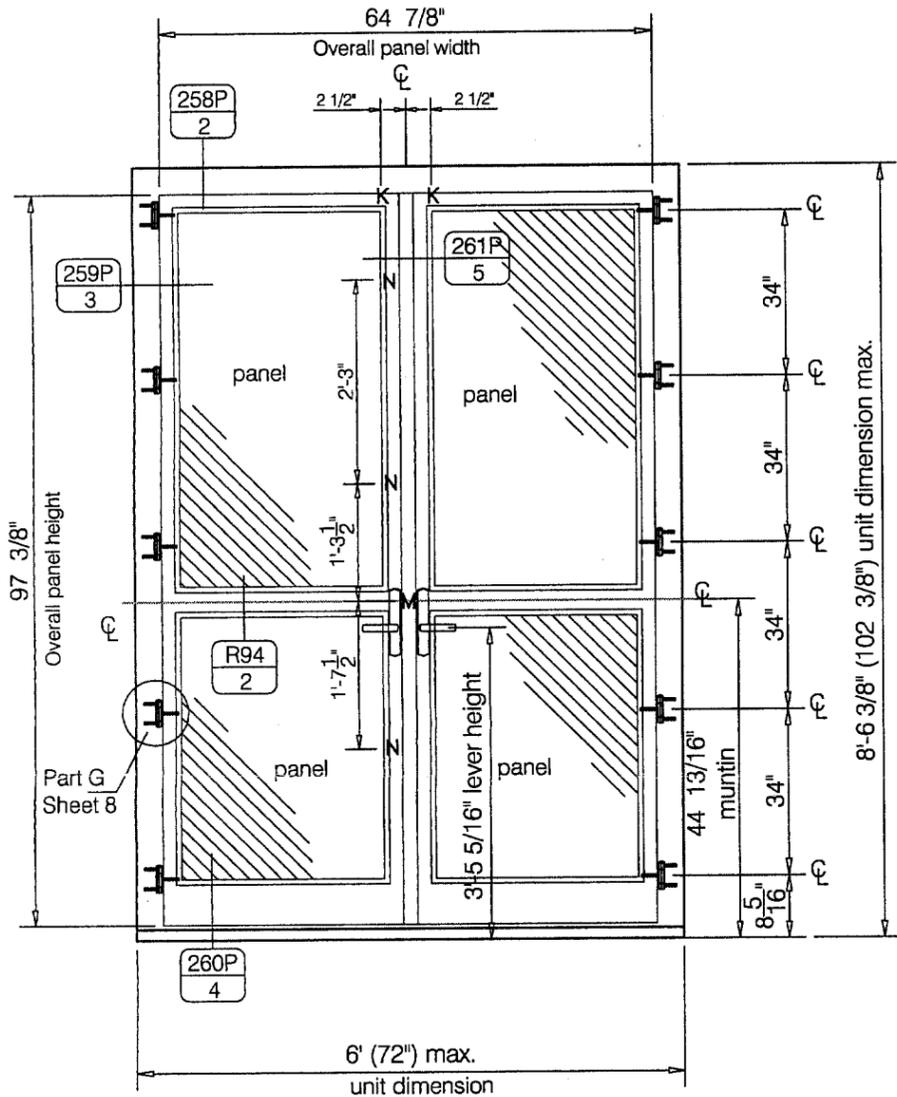
DADE COUNTY - FLORIDA
 TESTING OF WOOD WINDOWS & DOORS

VIPIN N. TOLAT, P.E.
 FL. REG.# 12847

ON Job
 2/14/01

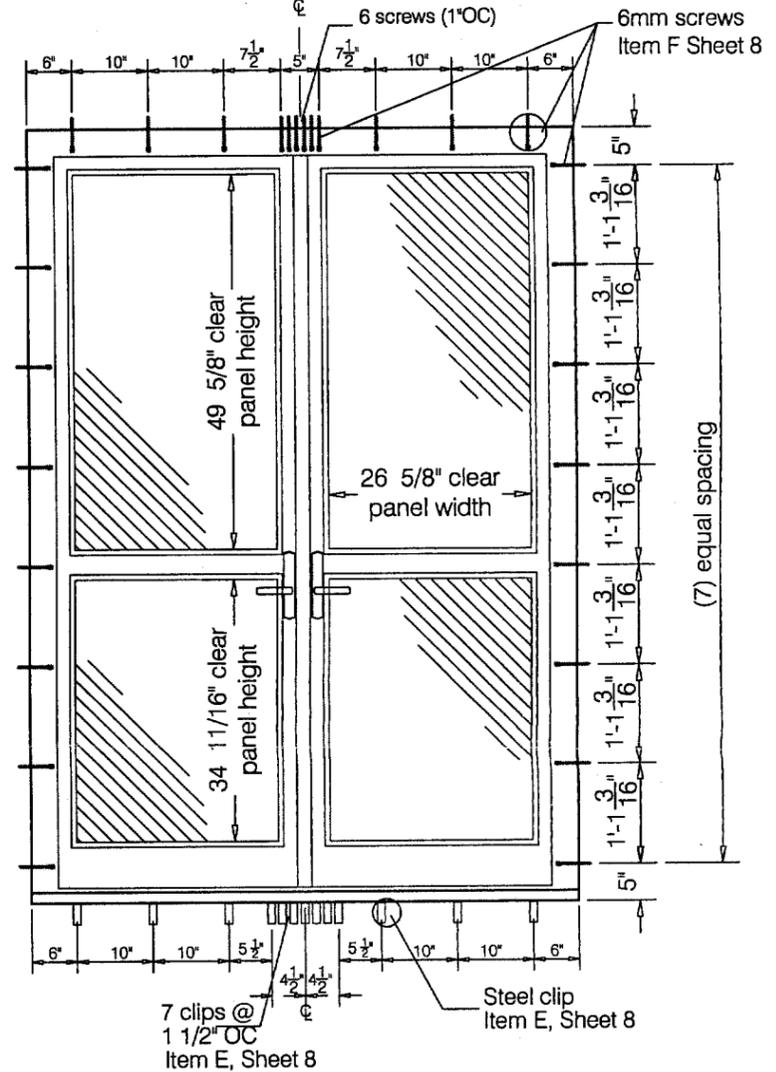
ELEVATION OF
 8'-6" OUTSWING MAHOGANY WOOD DOOR with PANEL

Date: 7 July 2000 revised: 14 Feb. 2001 Sheet 1 of 9 Scale: 1/2"=1'-0" (1:24) Drawn by: K.M. Drawing No. TS12



INTERIOR ELEVATIONS
 OUTSWING WOOD DOOR
 with INTERLOCK THRESHOLD
 Hinges not visible but shown for spacing dimensions

NOTE:
 PROVIDE 6mm DIAMETER x 120mm WOOD SCREWS
 TO STRUCTURAL WOOD FRAME 1 1/2" PENETRATION-
 (6") 151mm FROM EACH CORNER & SPACED AS
 INDICATED BELOW TO JAMBS AND HEADERS.



INTERIOR ELEVATIONS

DESIGN PRESSURE POSITIVE	+54 psf
DESIGN PRESSURE NEGATIVE	-54 psf

Sealant Note:
 frame joinry and frame perimeter to the wood buck
 to be sealed with silicon sealant

Note:
 For hardware parts specifications
 see, Sheets 6, 7, 8, 9

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 15, 2001
 BY Isaac I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-1128-06



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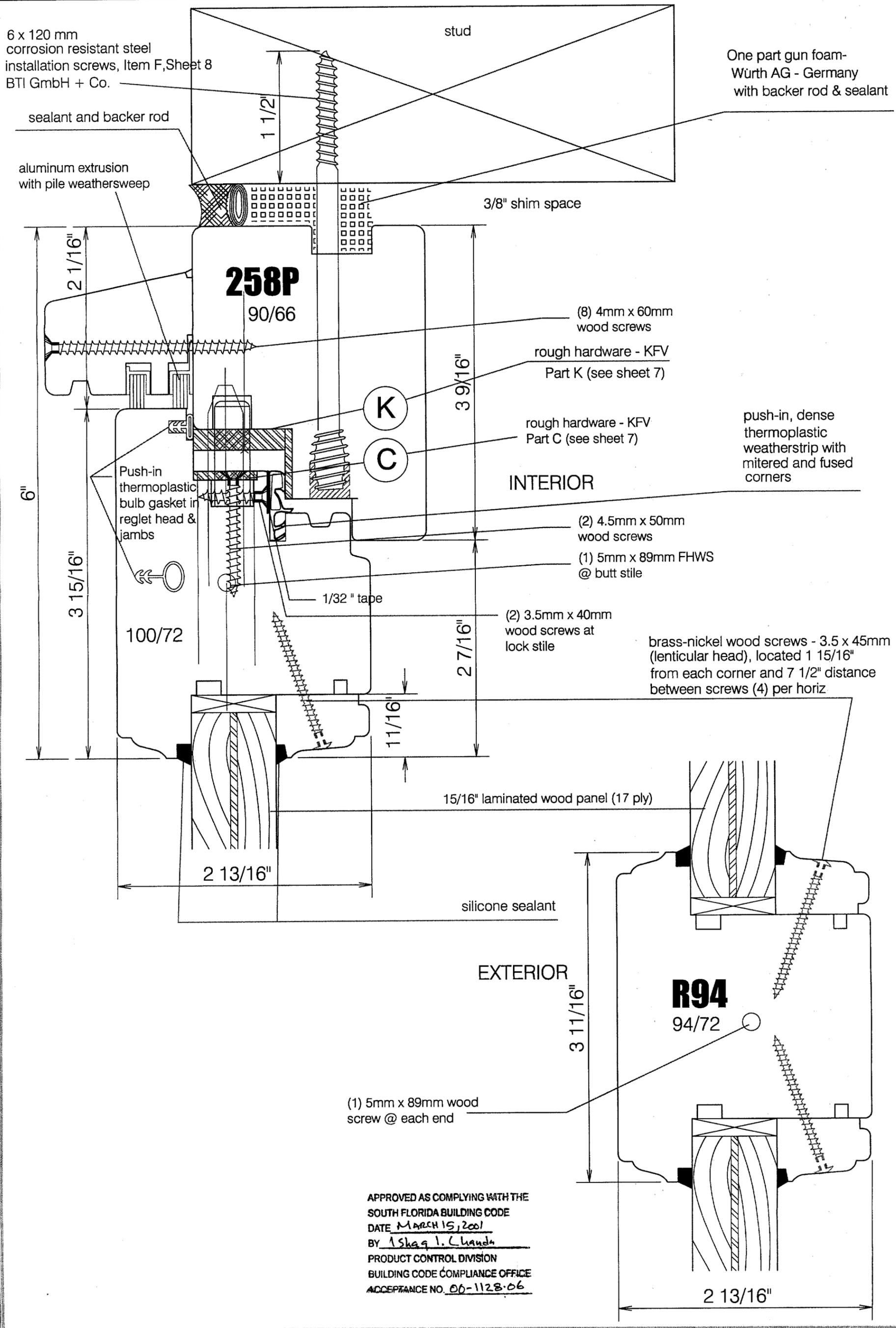
DADE COUNTY - FLORIDA
 TESTING OF WOOD WINDOWS & DOORS

VIPIN N. TOLAT, P.E.
 FL. REG.# 12847

EW Fed.
 2/14/01

HEAD SECTION OF
 MAHOGANY OUTSWING WOOD DOOR with PANEL

Date: 7 July 2000 revised: 14 Feb. 2001 Sheet 2 of 9 Scale: Full (1:1) Drawn by: K.M. Drawing No. TS12



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 15, 2001
 BY Ashaq I. Chaudhry
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 06-1128-06



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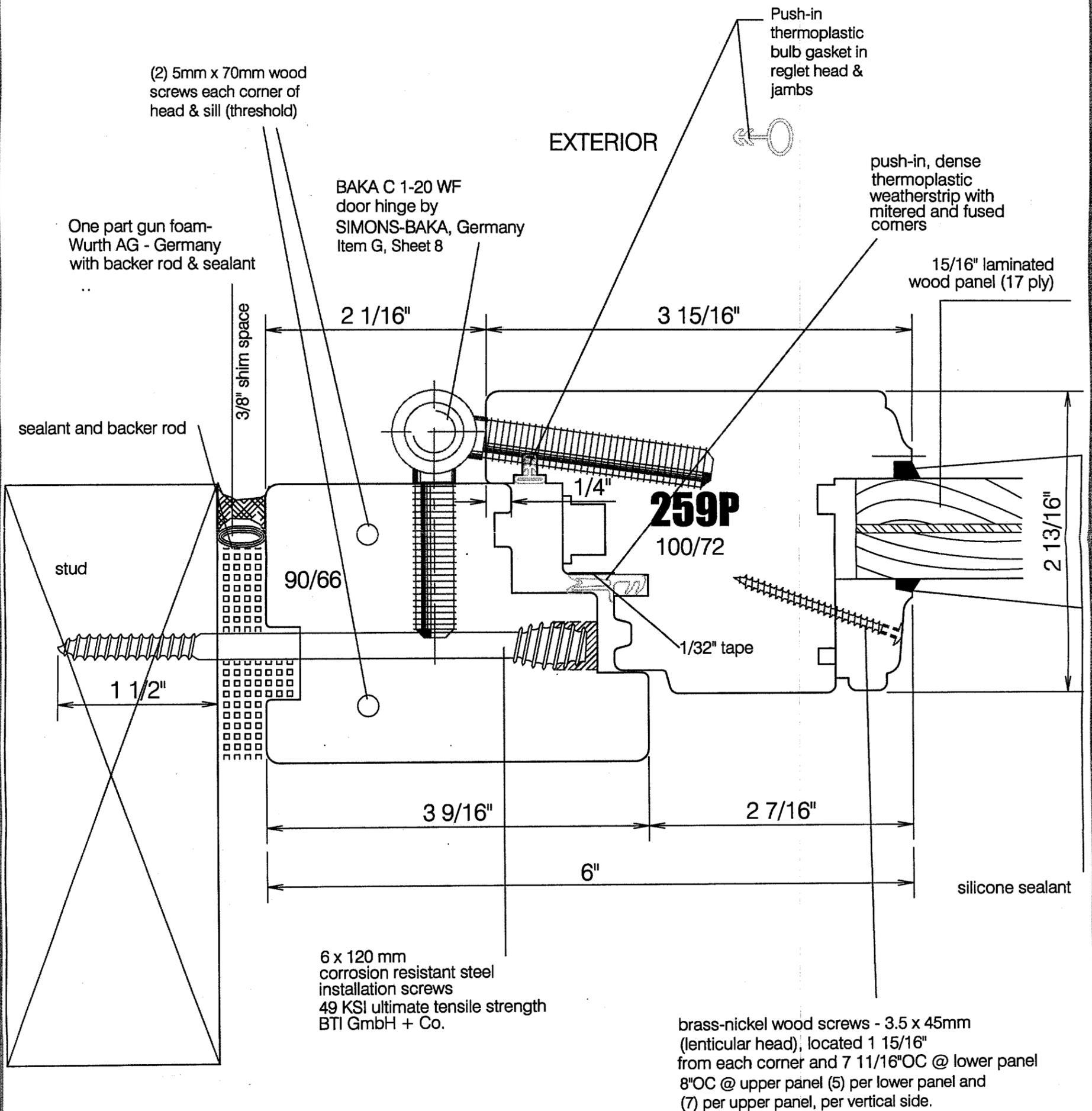
DADE COUNTY - FLORIDA
TESTING OF WOOD WINDOWS & DOORS

VIPIN N. TOLAT, P.E.
FL. REG.# 12847

DNJ
2/5/01

JAMB SECTION OF
MAHOGANY OUTSWING WOOD DOOR with PANEL

Date: 7 July 2000 revised: 5 Feb. 2001 Sheet 3 of 9 Scale: Full (1:1) Drawn by: K.M. Drawing No. TS12



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE MARCH 15, 2001
BY Isheq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 06-1128-06



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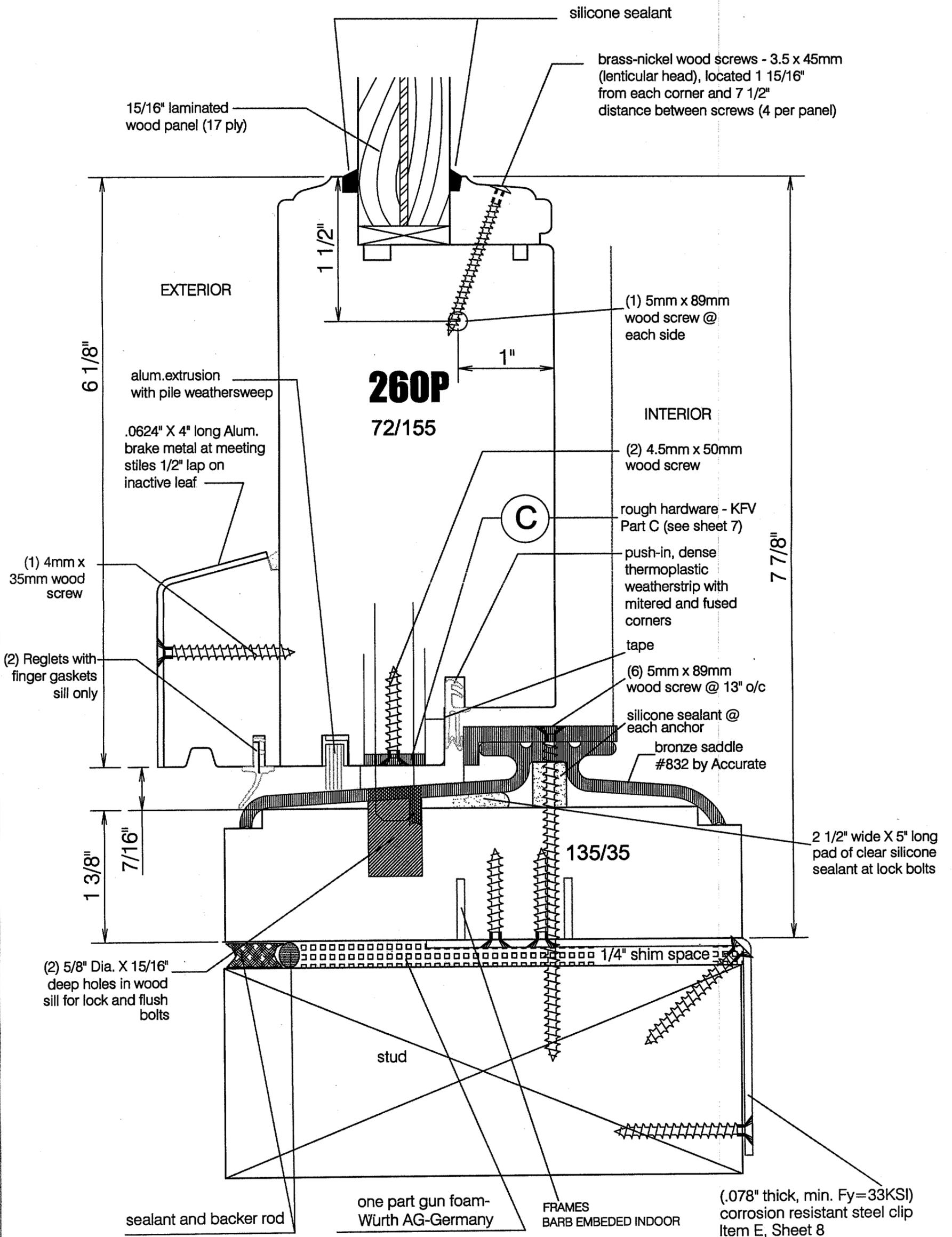
DADE COUNTY - FLORIDA
 TESTING OF WOOD WINDOWS & DOORS

VIPIN N. TOLAT, P.E.
 FL. REG.# 12847

2/5/01

SILL SECTION OF
 MAHOGANY OUTSWING WOOD DOOR with PANEL

Date: 7 July 2000 revised: 5 Feb. 2001 Sheet 4 of 9 Scale: Full (1:1) Drawn by: K.M. Drawing No. TS12



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 15, 2001
 BY Isaac I. Chaudh
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
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DADE COUNTY - FLORIDA
 TESTING OF WOOD WINDOWS & DOORS

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 FL. REG.# 12847

egj/elt
 2/5/01

STILE SECTION OF
 MAHOGANY OUTSWING WOOD DOOR with PANEL

Date: 7 July 2000 revised: 5 Feb. 2001 Sheet 5 of 9 Scale: Full (1:1) Drawn by: K.M. Drawing No. TS12

8mm x 40mm [5/16" x 1 9/16"] steel flat bars in two pieces with 2 1/8" gap at muntin location. Top bar 52 1/2" long, bottom bar 36" long with 26mm X 190mm (1.02" x 7.48") notch at handle location.

EXTERIOR

7 screws [4.5 mm x 40 mm] 10" O.C., [3 at bottom, 4 at top]

Push-in thermoplastic bulb gasket in reglet head & jambs

rough hardware - KFV

15/16" laminated wood panel (17 ply)

silicone sealant

261P

100/72
 1/32" tape

100/72

inactive

active

2 7/16"

2"

2 7/16"

6 7/8"

INTERIOR

Chemical GmbH - Germany
 by National Starch &
 w/ DURO-LOK 260 glue
 astragal glued to frame

brass-nickel wood screws - 3.5 x 45mm (lenticular head), located 1 15/16" from each corner and 7 11/16" OC @ lower, 8" OC @ upper panel (5) screws per lower panel and (7) per upper panel, per vertical side.

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 15, 2001
 BY Ishaq I. Chan
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-1128-06



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DADE COUNTY - FLORIDA
 TESTING OF WOOD WINDOWS & DOORS
 HARDWARE LOCKING PARTS

VIPIN N. TOLAT, P.E.
 FL. REG.# 12847

2/5/01

TISCHLER und SOHN

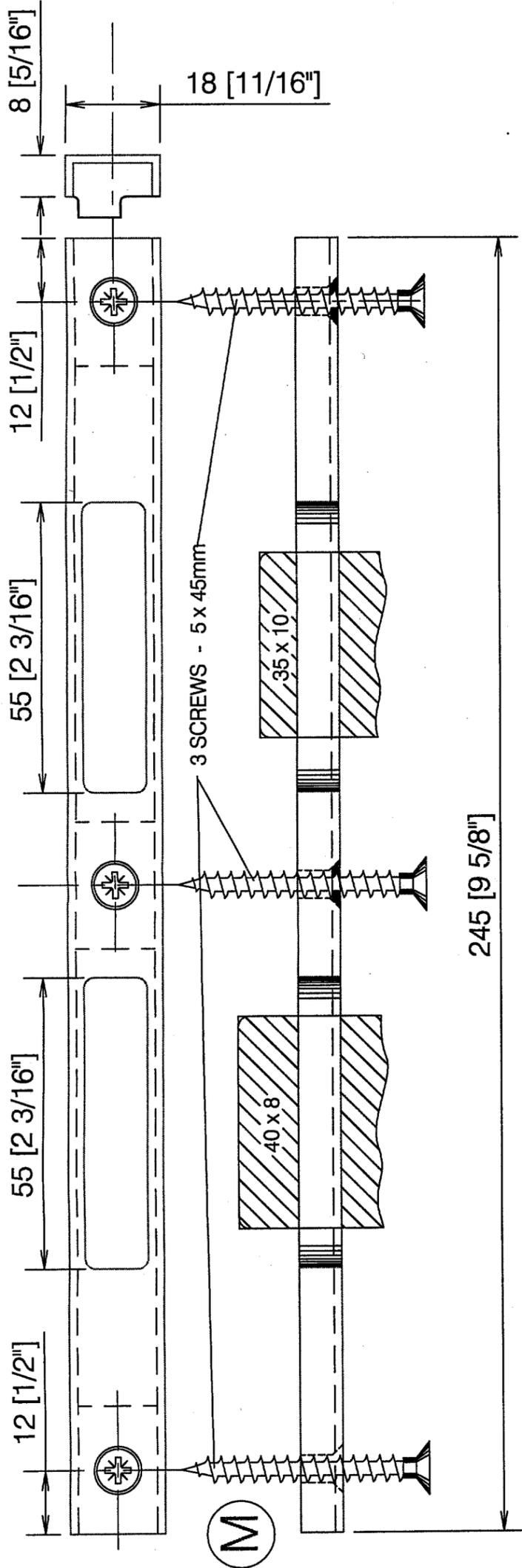
Date: 7 July 2000

Sheet 6 of 9

Scale: Full (1:1)

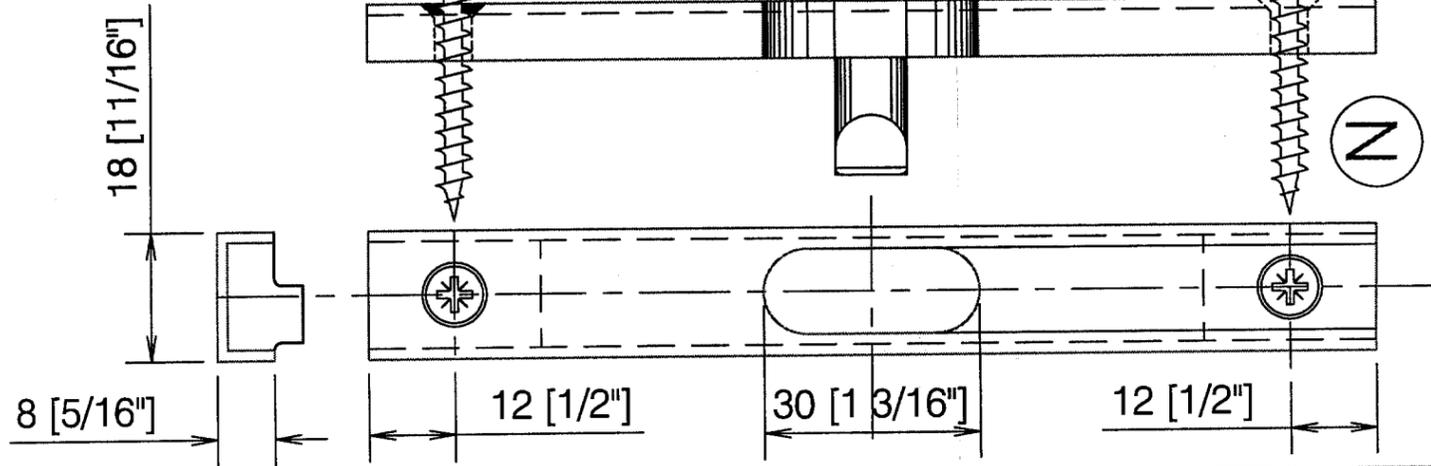
Drawn by: K.M.

Drawing No. TS12



(M)

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 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 15, 2001
 BY Ishaq I. Chanda
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
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(N)



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DADE COUNTY - FLORIDA
 TESTING OF WOOD WINDOWS & DOORS

HARDWARE LOCKING PARTS

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TISCHLER und SOHN

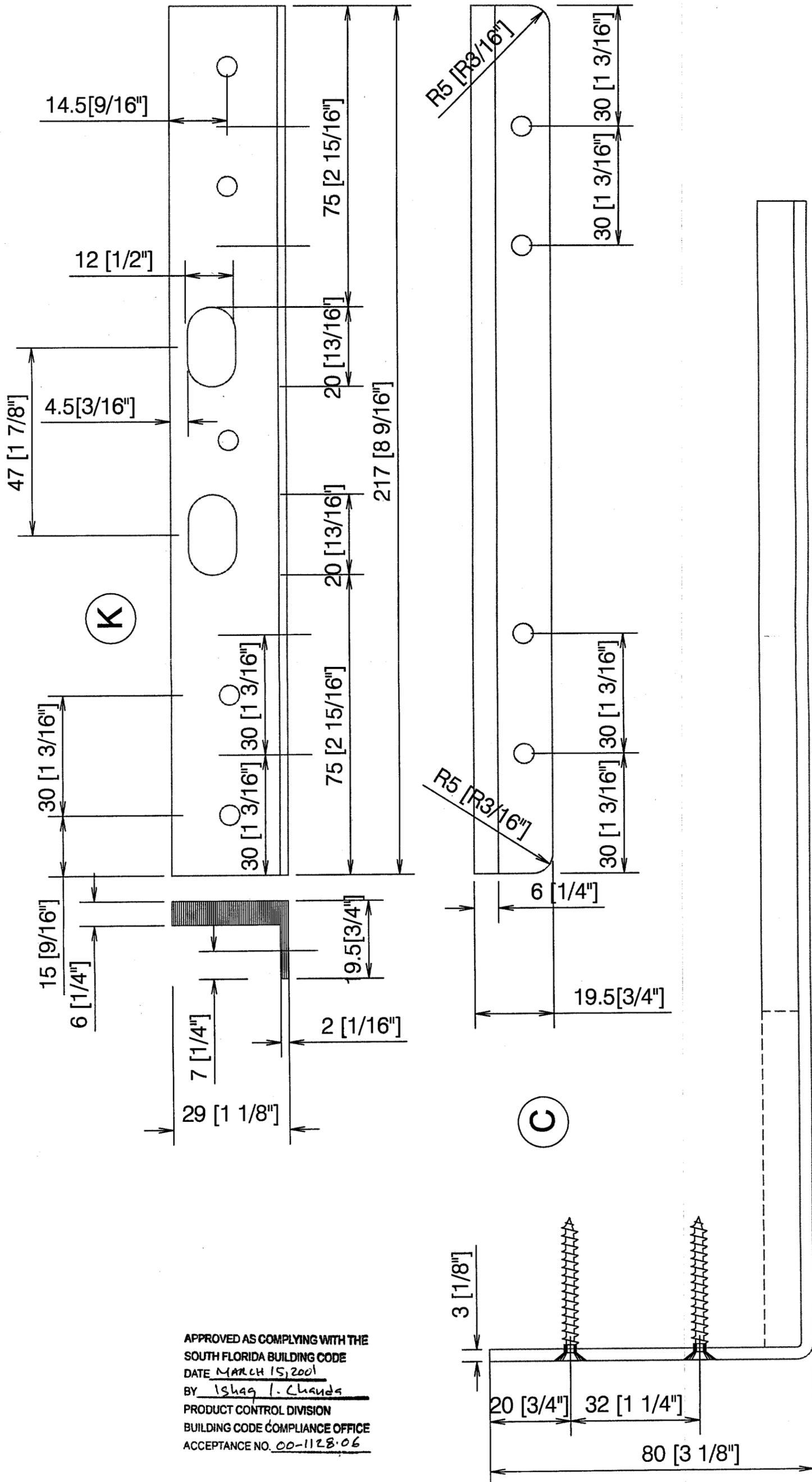
Date: 7 July 2000

Sheet 7 of 9

Scale: Full (1:1)

Drawn by: K.M.

Drawing No. TS12



APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE MARCH 15, 2001
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 PRODUCT CONTROL DIVISION
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DADE COUNTY - FLORIDA
TESTING OF WOOD WINDOWS & DOORS

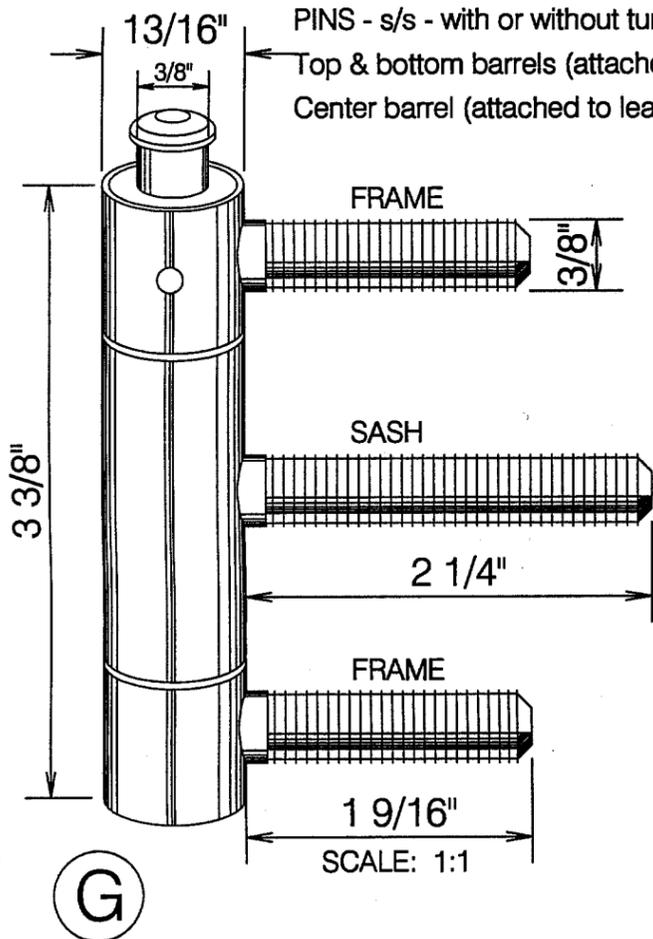
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2/5/01

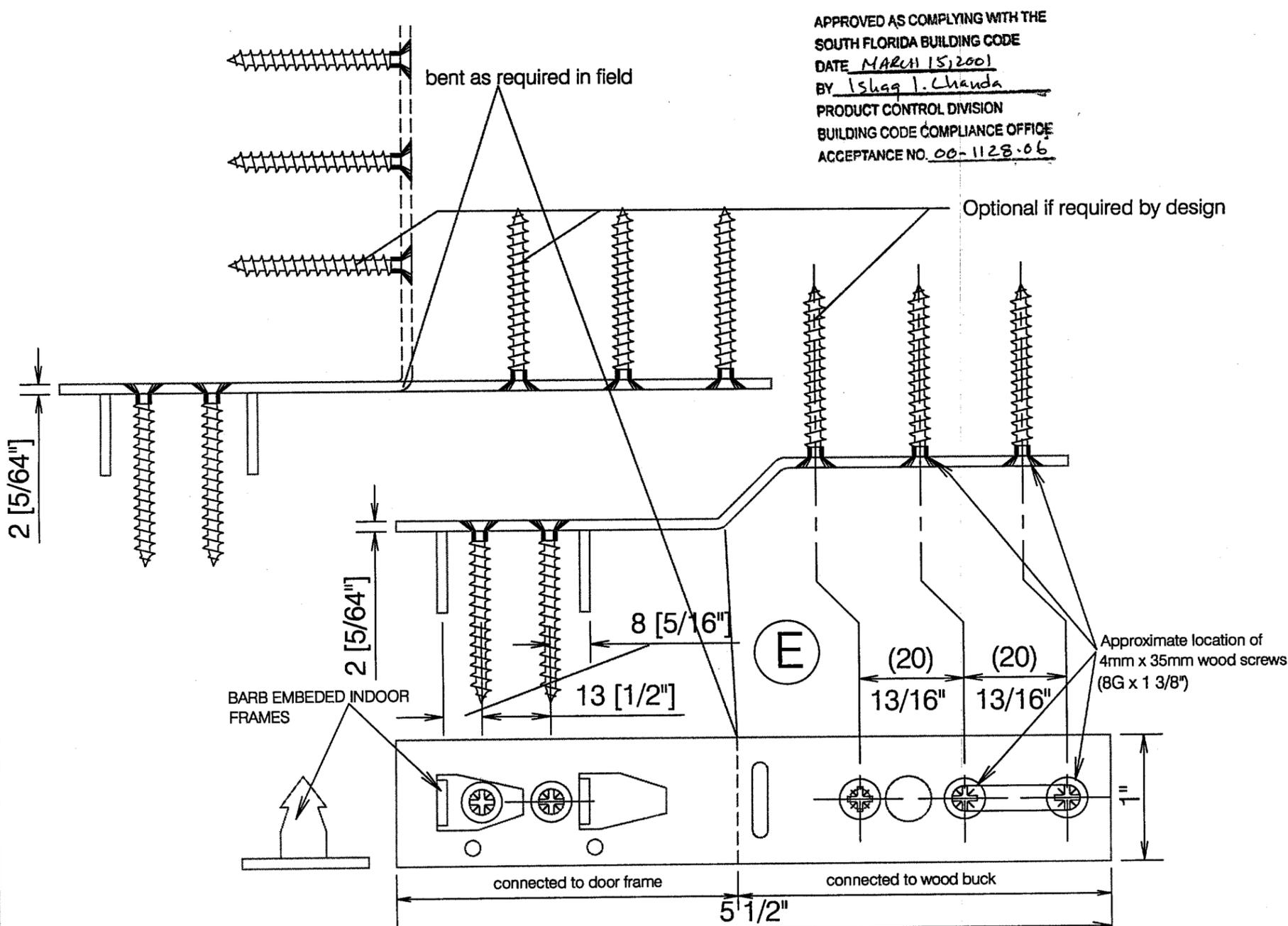
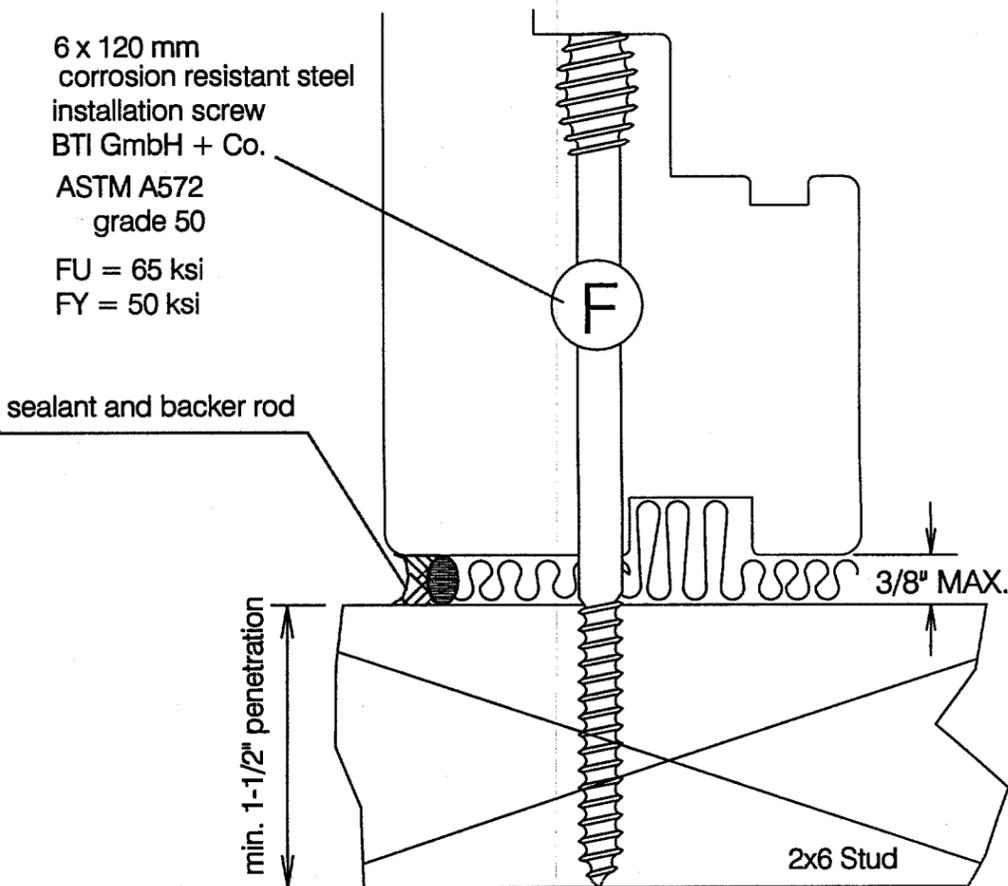
HARDWARE LOCKING POINT

Date: 7 July 2000 revised: 5 Feb. 2001 Sheet 8 of 9 Scale: Full (1:1) Drawn by: K.M. Drawing No. TS12

BAKA C 1-20 WF Door Hinge



PINS - s/s - with or without turn-down for set screw (50/50)
Top & bottom barrels (attached to frame) - s/s solid.
Center barrel (attached to leaf) - s/s with nylon bushing.



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DATE MARCH 15, 2001
BY Shag I. Chanda
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CORROSION RESISTANT STEEL CLIP
(.078" thick, min Fy = 33 KSI).



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DADE COUNTY - FLORIDA
TESTING OF WOOD WINDOWS & DOORS

HARDWARE SPECIFICATION AND DESCRIPTIONS

VIPIN N. TOLAT, P.E.
FL. REG.# 12847

2/5/01

Date: 7 July 2000 revised: 5 Feb. 2001 Sheet 9 of 9 Scale: Full (1:1) Drawn by: K.M. Drawing No. TS12

LOCATION	LOCKING CAM	No. OF SCREWS	SHEET No.
K	KFV LOCKING BOLT/PLATE	9	7
M	KFV LOCKING BAR Mehrfachverriegelung AS 7370 (active panel) Mehrfachverriegelung AS 7000 (inactive panel)	3	6
N	KFV LOCKING BOLT Mehrfachverriegelung AS 7370 (active panel) Mehrfachverriegelung AS 7000 (inactive panel)	2	6
E	STEEL CLIP	4	8
F	INSTALLATION SCREW	N/A	8
G	BAKA C 1-20WF DOOR HINGE	N/A	8
C	ROUGH HARDWARE KFV NR. 7037 & NR. 7029	2	7

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