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)

Industrial Millwork, Inc.
West Highway 36
Seneca, KS 66538

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 1000 8' 0" Glazed & Opaque Outswing Wood Door - Impact

APPROVAL DOCUMENT: Drawing No. **LAG316**, titled "Series 1000 Wood Doors", sheets 1 through 9 of 9, prepared by Bromley – Cook Engineering, Inc., dated 02/25/02, with revision #3 dated 07/15/02, signed and sealed by William D. Cook, 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.

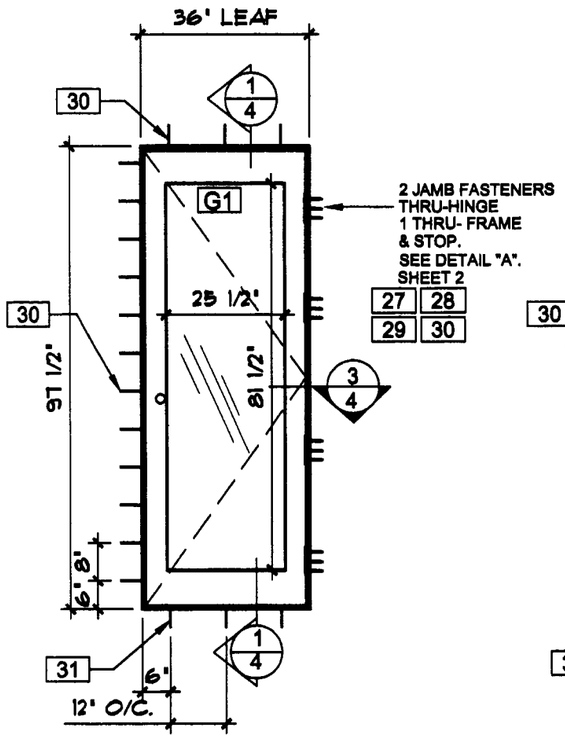
RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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.

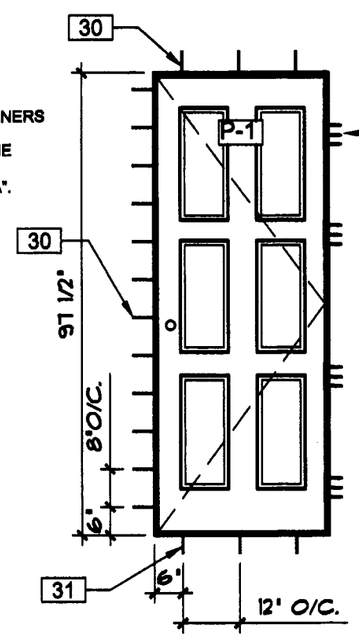
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **Manuel Perez, P.E.**

SERIES 1000 WOOD DOORS

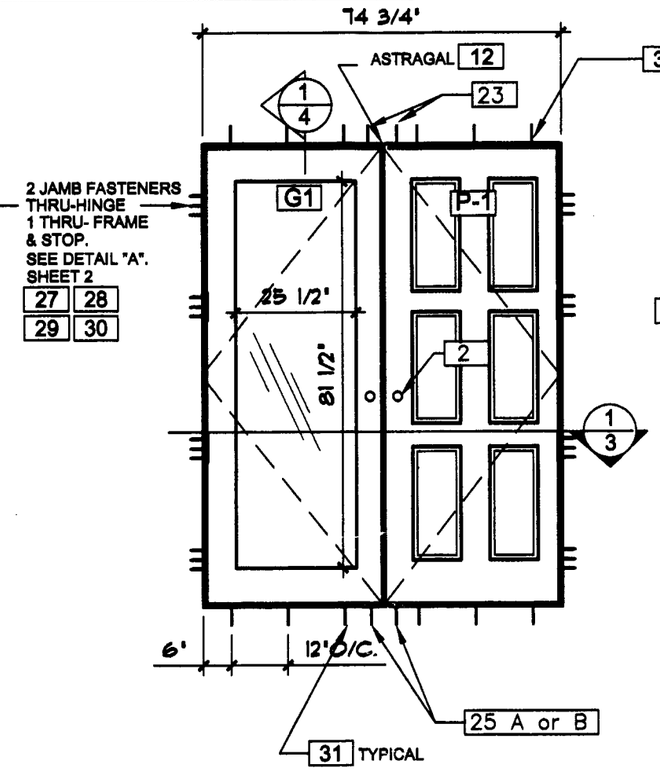


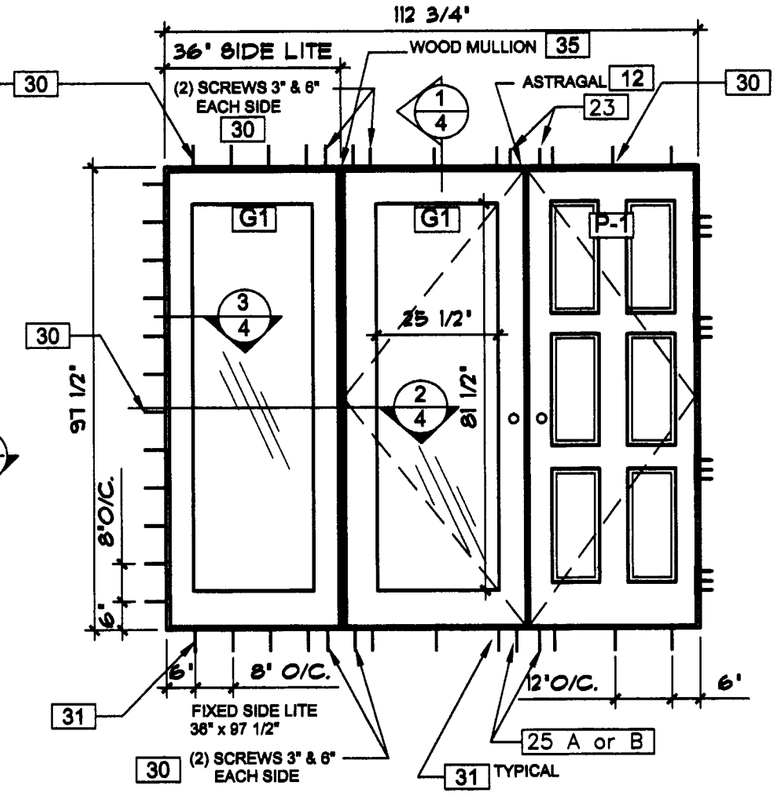
GLAZED



SOLID PANEL

TYPICAL SINGLE LEAF DOORS
VIEWED FROM EXTERIOR





TYPICAL MULTIPLE UNIT CONFIGURATIONS
VIEWED FROM EXTERIOR

NOTE: FOR FIXED DOOR UNITS, (NON-OPERABLE) ANCHOR DOOR LEAFS TO FRAME AS PER SIDELITE INSTALLATION

GENERAL NOTES:

1. THIS DOOR SYSTEM HAS BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE DESIGN LOAD TABLES.
2. BUCK, OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION.
3. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
4. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
5. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA-201, 202 & 203.
6. ALL JAMB TO BUCK FASTENERS MUST PENETRATE THE BUCK A MINIMUM OF 1 1/4". IF PENETRATION IS LESS THAN 1 1/4", SCREW LENGTH SHALL BE INCREASED AS REQUIRED.
7. THESE GLASS DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2001 FLORIDA BUILDING CODE

DOOR PANEL GLAZING OPTIONS

G1	**LARGE MISSILE IMPACT** 3/8" GLASSLAM SAFETY-PLUS LAMINATED GLASS 1/8" AN-0.06 POLYESTER RESIN-0.01P.E.T.- 0.06 POLYESTER RESIN-1/8"AN MAX DLO: 25 1/2" x 81 1/2"
P1	**LARGE MISSILE IMPACT** RAISED WOOD PANEL - MAHOGANY 1 1/2" THICK @ CENTER 5/8" THICK @ EDGES

REFER TO SHEETS 7 & 8 FOR PANEL OPTIONS

ALLOWABLE WIND PRESSURE FOR IMPACT DOORS

STANDARD HARDWARE DOOR
G-U CREMONA 5 POINT LOCK

DESIGN PRESSURE +75 psf -75 psf
WATER TEST PRESSURE 11.85 psf

Approved as complying with the Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0307.02
Miami Dade Product Control Division
By

NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	02/21/02
2	GENERAL REVISIONS	G.R.	06/07/02
3	GENERAL REVISIONS	G.R.	07/15/02

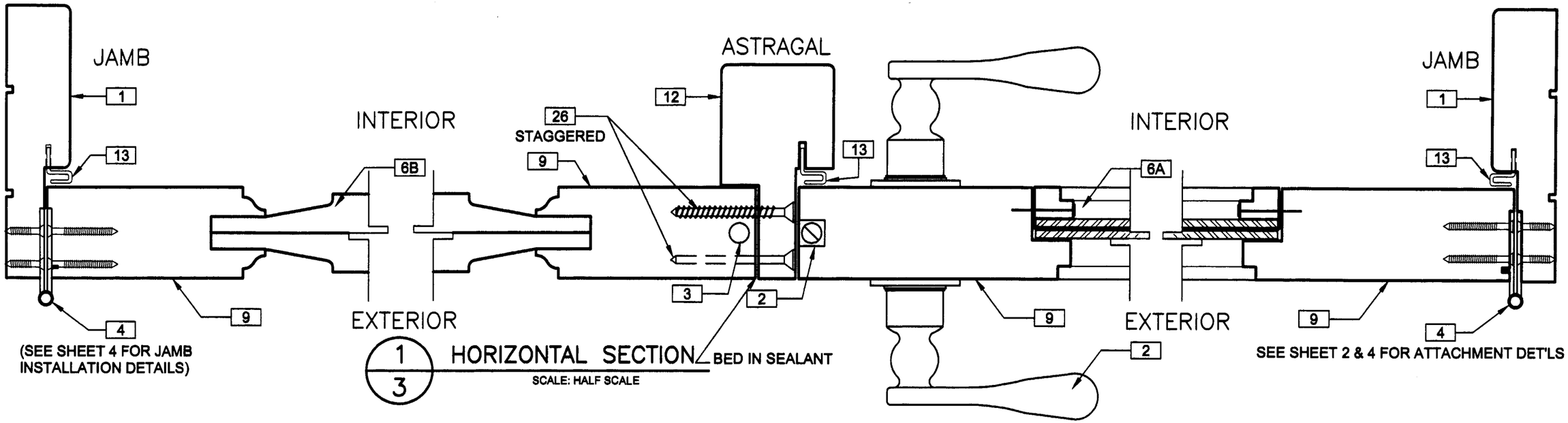
DRAWING TITLE
SERIES 1000 WOOD DOORS

MANUFACTURER
LAG DESIGN
INDUSTRIAL MILLWORK CORP
WEST HWAY 36 SENECA, KS 66538
(800)462-3667

BROMLEY - COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2004 N.E. 46th STREET
FORT LAUDERDALE, FL 33308
PHONE: (954) 772-4624 FAX: (954) 772-4634

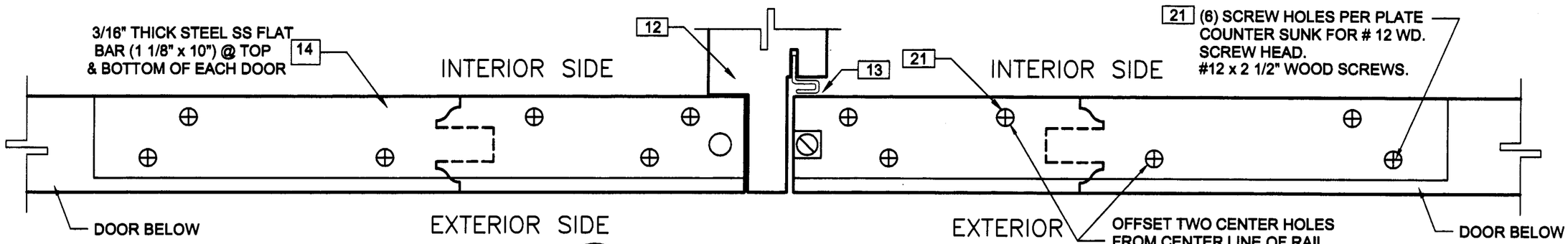
CERTIFICATION
JUL 17 2002
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE: 02/25/02
DRAWING NO: LAG316
SHEET NO: 1 OF 9



1/3 HORIZONTAL SECTION

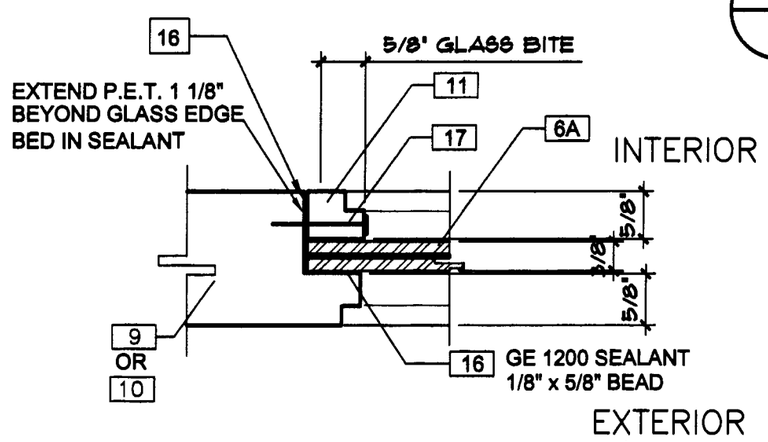
SCALE: HALF SCALE



2/3 STEEL FLAT BAR DETAILS

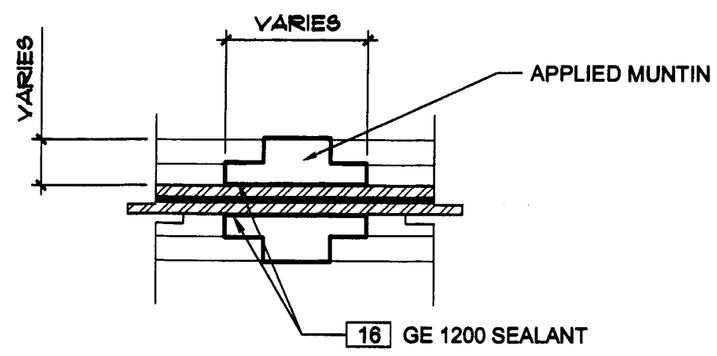
(APPLIED TO TOP AND BOTTOM OF EACH DOOR)

SCALE: HALF SCALE



GLASS DETAIL FOR IMPACT DOORS

(3/8" LAMINATED GLASS)



DECORATIVE SURFACE APPLIED MUNTINS

SCALE: NTS

Approved as complying with the Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0307.02
Miami Dade Product Control Division
By Manuel Diaz

NO.	REVISION DESCRIPTION	BY	DATE
2	GENERAL REVISIONS	G.R.	06/07/02
3	GENERAL REVISIONS	G.R.	07/15/02

DRAWING TITLE: SERIES 1000 WOOD DOORS

MANUFACTURER: LAG DESIGN INDUSTRIAL MILLWORK CORP, WEST HWAY 36 SENECA, KS 66538 (800)462-3667

BROMLEY - COOK ENGINEERING, INC.
CONSULTING ENGINEERS
2004 N.E. 49th STREET
FORT LAUDERDALE, FL 33308
PHONE: (954) 772-4624 FAX: (954) 772-4634

CERTIFICATION

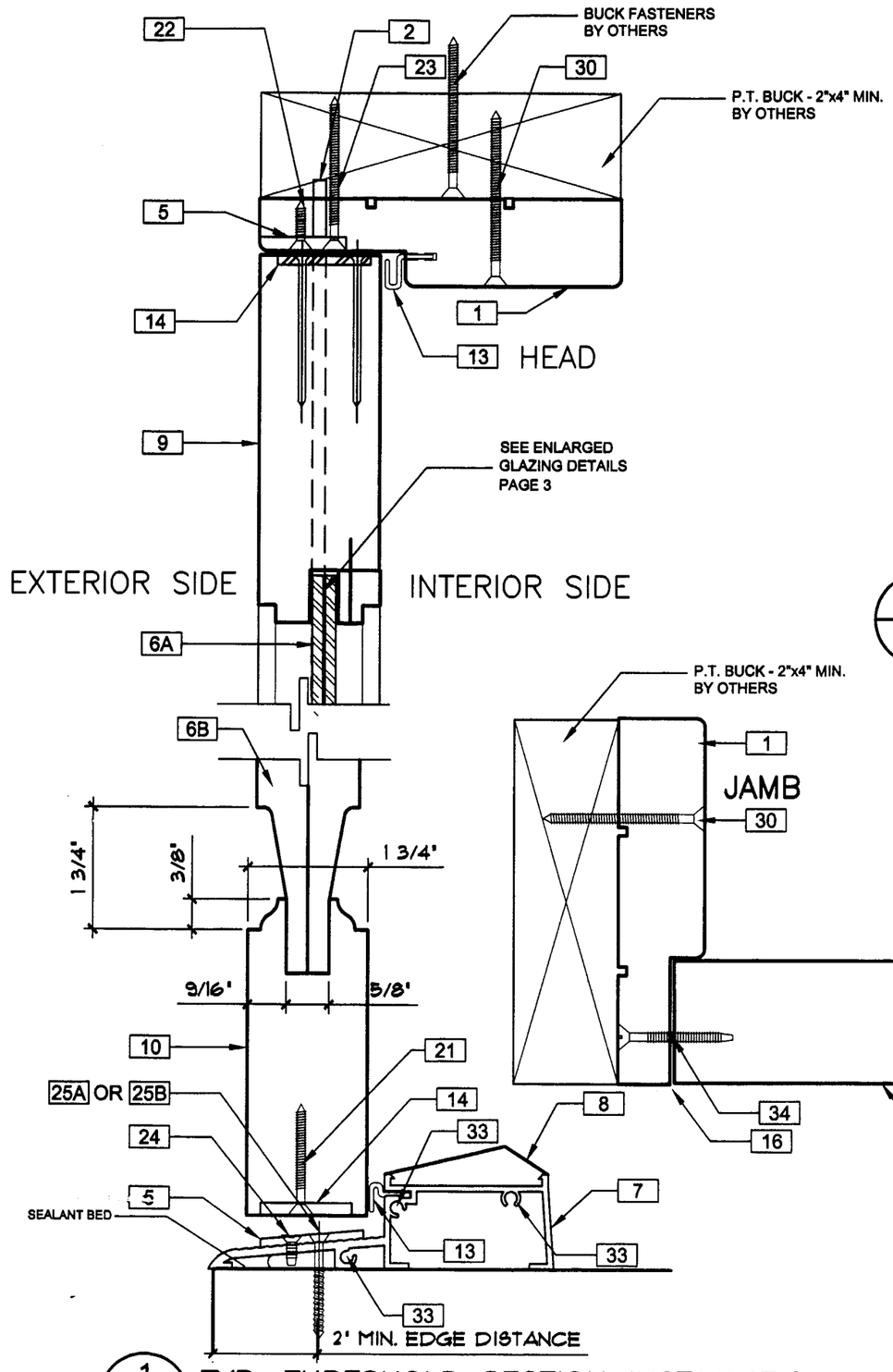
JUL 17 2002

WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE: 02/27/02

DRAWING NO: LAG316

SHEET NO: 3 OF 9



1/4 TYP. THRESHOLD SECTION INSTALLATION DETAIL @ CONCRETE SILL

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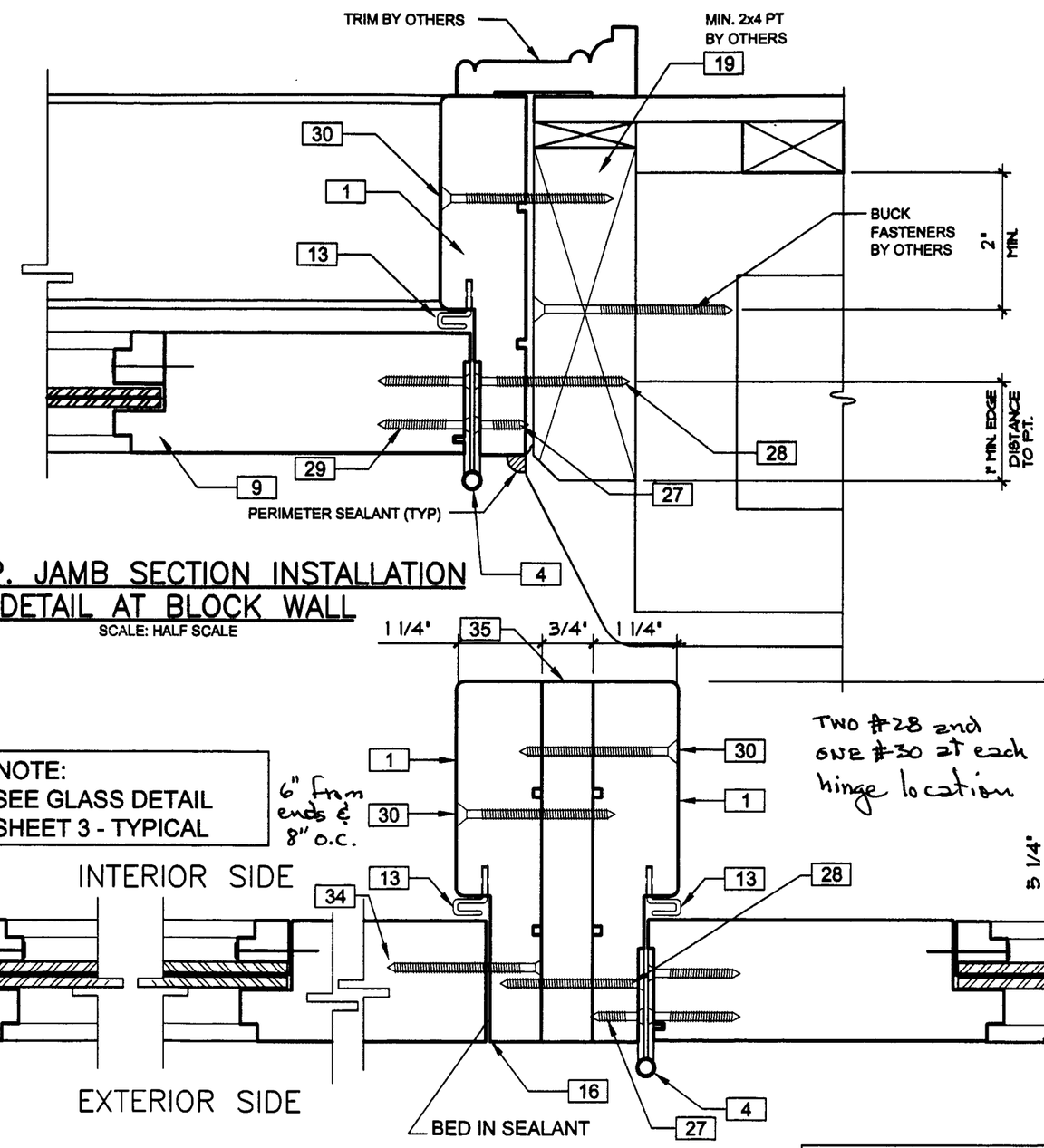

2/4 SECTION @ FIXED SIDE LITE

3/4 TYP. JAMB SECTION INSTALLATION DETAIL AT BLOCK WALL

SCALE: HALF SCALE

Approved as complying with the Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0307.02
Miami Dade Product Control Division
By Manuel Perez

NO.	REVISION DESCRIPTION	BY	DATE
2	GENERAL REVISIONS	G.R.	06/07/02
3	GENERAL REVISIONS	G.R.	07/15/02

DRAWING TITLE
SERIES 1000 WOOD ENTRY DOORS

MANUFACTURER
LAG DESIGN
INDUSTRIAL MILLWORK CORP
WEST HWAY 36 SENECA, KS 66538
(800)462-3667

BROMLEY - COOK ENGINEERING, INC.
CONSULTING ENGINEERS
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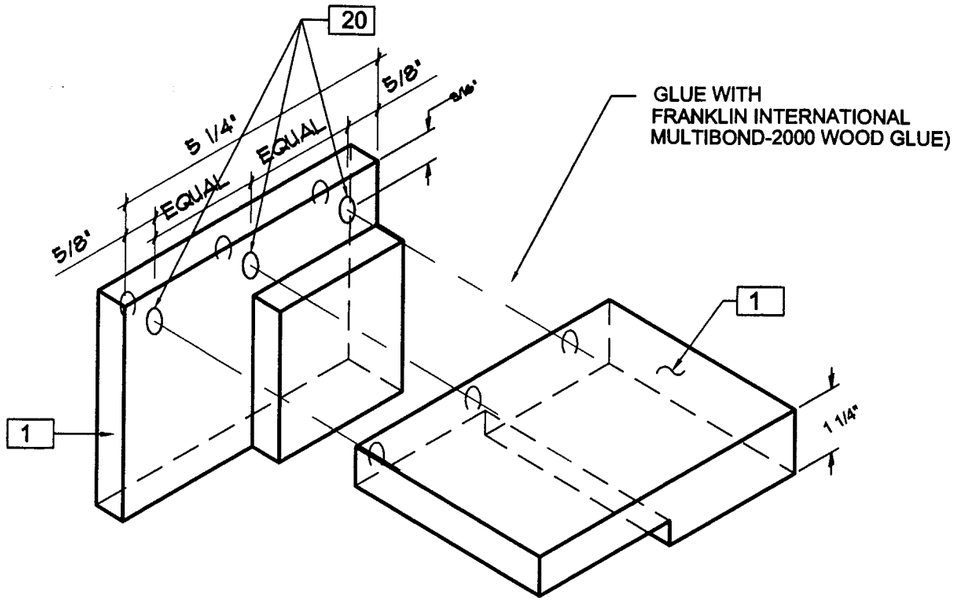
CERTIFICATION
JUL 16 2002
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE: 02/27/02
DRAWING NO: LAG316
SHEET NO: 4 OF 9



1/5 TYP. FRAME CORNER DETAIL

(ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS)

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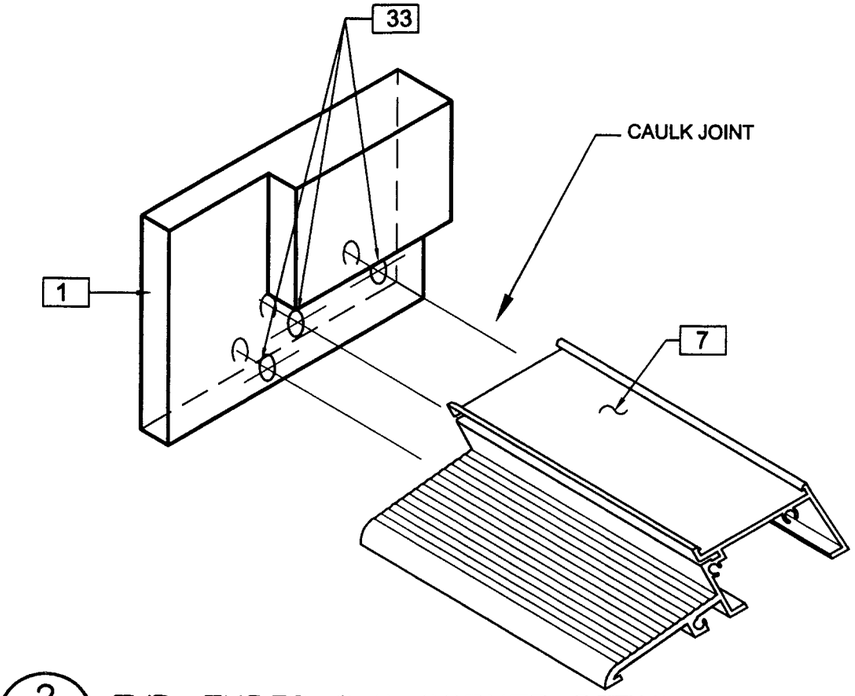

2/5 TYP. THRESHOLD CORNER DETAIL

(ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS)

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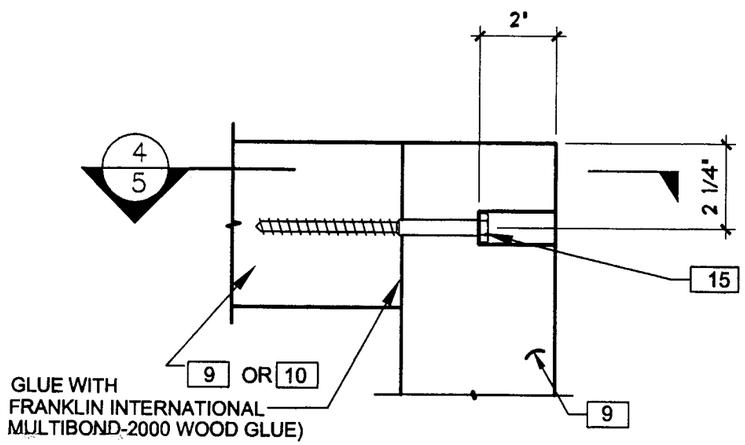
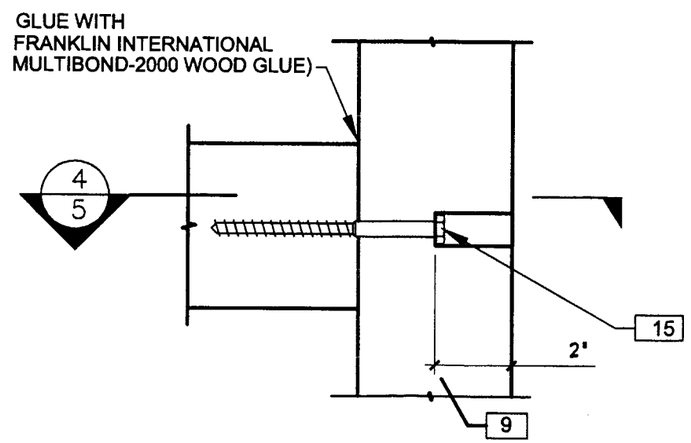


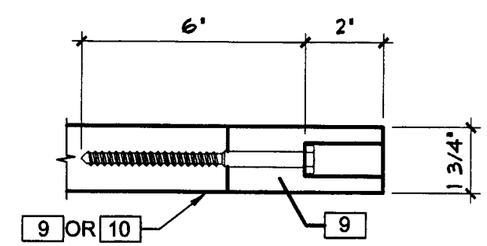
3/5 DOOR PANEL CORNER DETAIL

SCALE: 1/4" = 1"



TYPICAL MEETING RAIL DETAIL

SCALE: 1/4" = 1"



4/5 SECTION

SCALE: 1/4" = 1"

Approved as complying with the Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0307.02
Miami Dade Product Control Division
By Manuel Perez

NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	04/23/02
2	GENERAL REVISIONS	G.R.	07/15/02

DRAWING TITLE
SERIES 1000 WOOD ENTRY DOORS

MANUFACTURER
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INDUSTRIAL MILLWORK CORP
WEST HWAY 36 SENECA, KS 66538
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BROMLEY - COOK ENGINEERING, INC.
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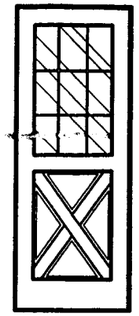
CERTIFICATION
JUL 16 2002
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE: 02/27/02

DRAWING NO: LAG316

SHEET NO: 5 OF 9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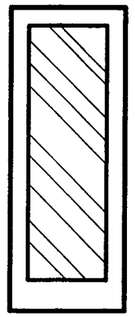
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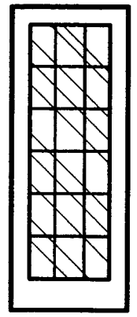
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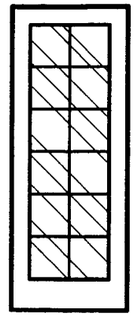
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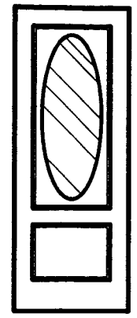
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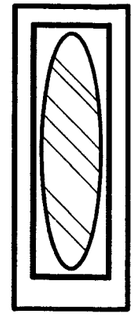
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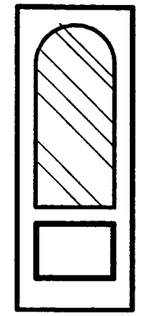
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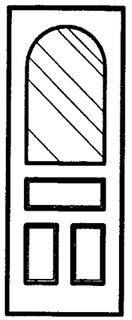
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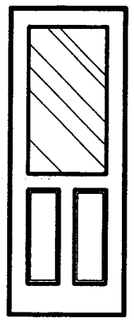
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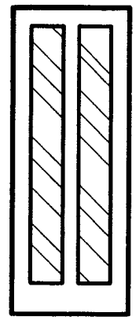
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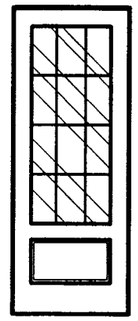
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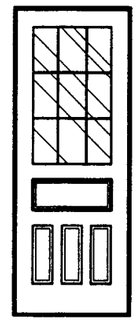
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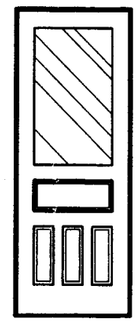
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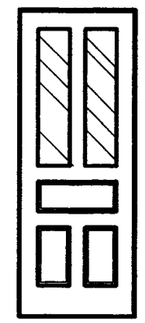
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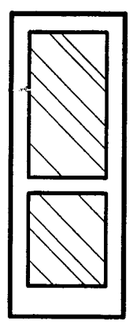
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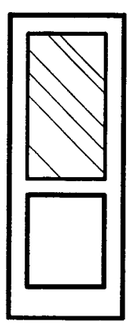
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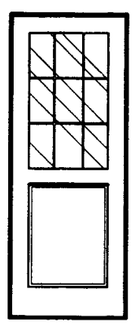
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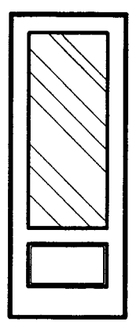
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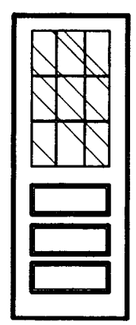
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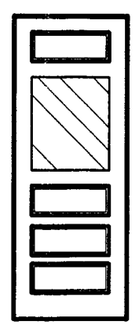
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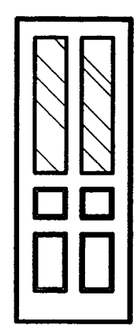
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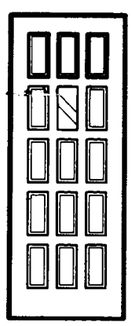
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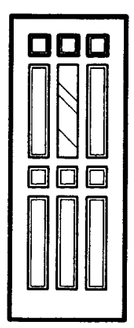
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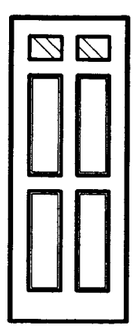
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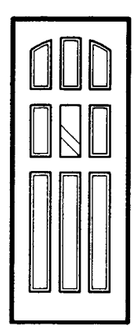
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APPLICABLE GLAZED
PANEL DOORS

NOTE:
SURFACE APPLIED DECORATIVE MUNTINS
USED FOR DIVIDED LIGHTS
SEE SHEET 3 FOR DETAILS

Approved as complying with the
Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0301.02
Miami Dade Product Control
Division
By Manuel Perez

NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	04/23/02
2	GENERAL REVISIONS	G.R.	06/10/02
3	GENERAL REVISIONS	G.R.	07/15/02

DRAWING TITLE
SERIES 1000 WOOD DOORS

MANUFACTURER
LAG DESIGN
INDUSTRIAL MILLWORK CORP
WEST H/WAY 36 SENECA, KS 66538
(800)462-3667

BROMLEY - COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2004 N.E. 48th STREET
FORT LAUDERDALE, FL 33308
PHONE: (954) 772-4624 FAX: (954) 772-4634

CERTIFICATION
JUL 16 2002
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

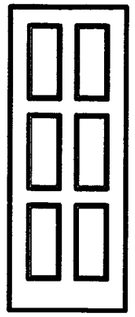
DATE:
02/27/02

DRAWING NO:
LAG316

SHEET NO:
6 OF 9

D-18

D-18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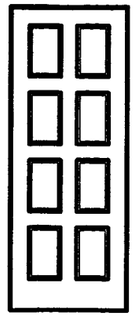
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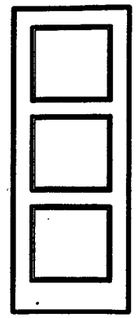
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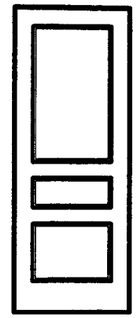
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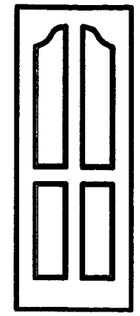
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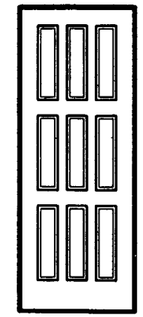
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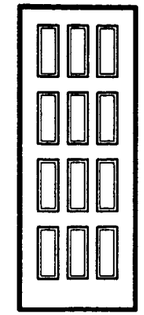
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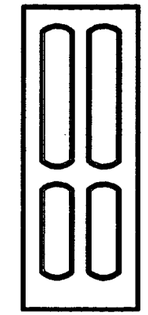
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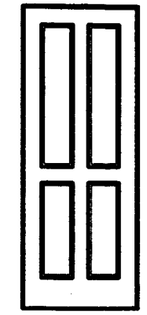
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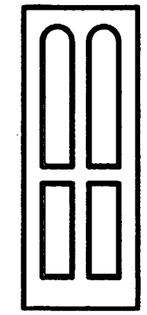
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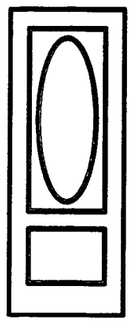
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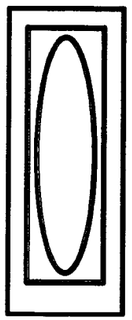
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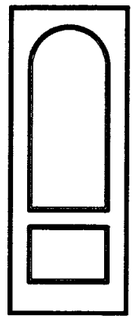
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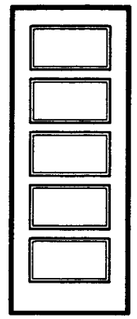
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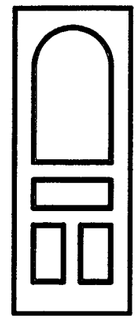
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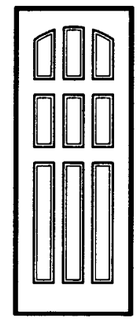
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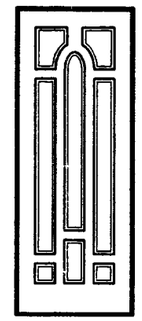
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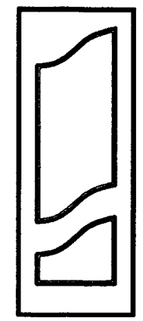
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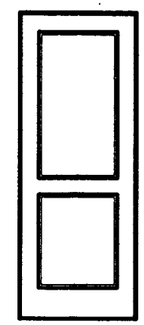
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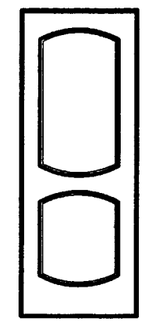
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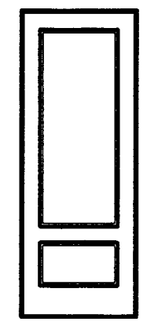
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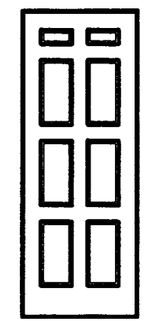
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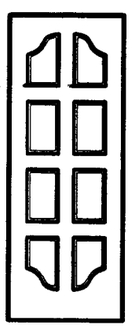
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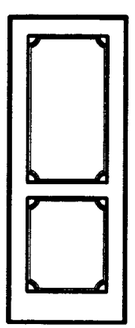
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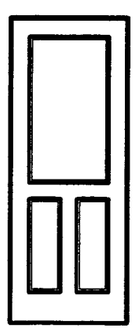
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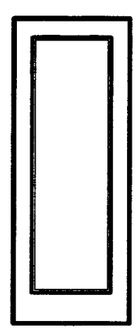
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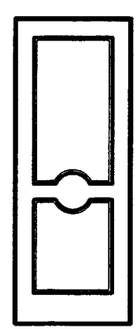
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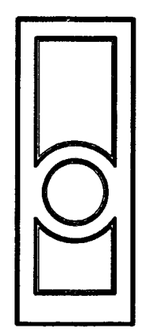
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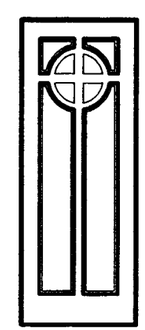
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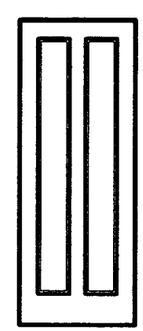
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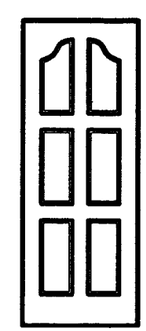
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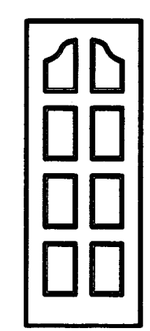
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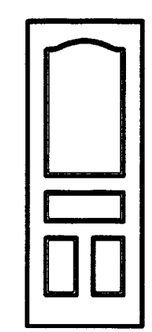
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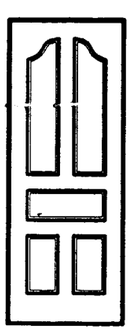
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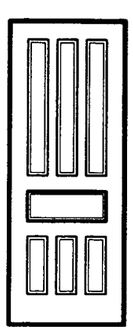
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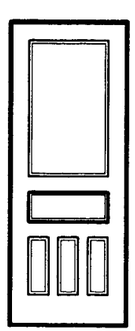
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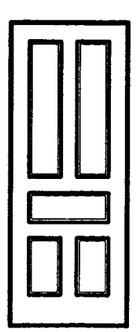

D-584

APPLICABLE SOLID WOOD
RAISED PANEL DOORS

Approved as complying with the
Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0207.02
Miami Dade Product Control
Division
By

NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	4/23/02
2	GENERAL REVISIONS	G.R.	07/15/02

DRAWING TITLE
SERIES 1000 WOOD ENTRY DOORS

MANUFACTURER
INDUSTRIAL MILLWORK CORP
WEST H/WAY 36 SENECA, KS 66538
(800)462-3667

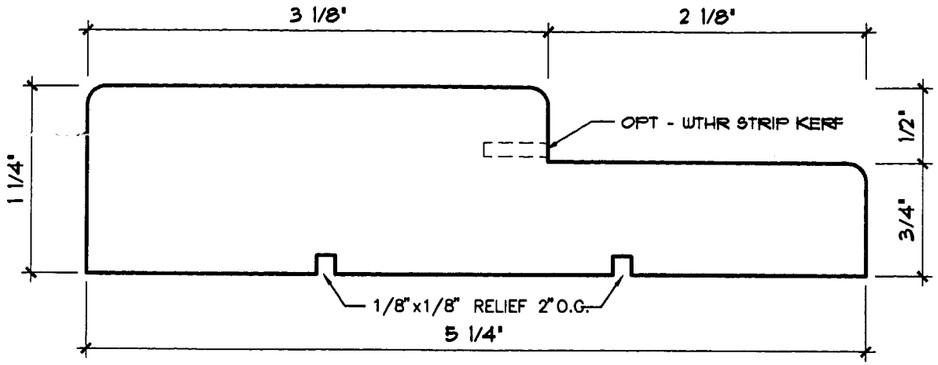
BROMLEY - COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2004 N.E. 49th STREET
FORT LAUDERDALE, FL 33308
PHONE: (954) 772-4624 FAX: (954) 772-4634

CERTIFICATION
JUL 16 2002
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE:
02/27/02

DRAWING NO:
LAG316

SHEET NO:
7 OF 9



JAMB 1
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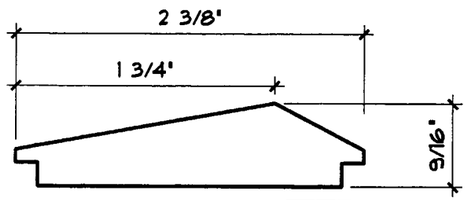
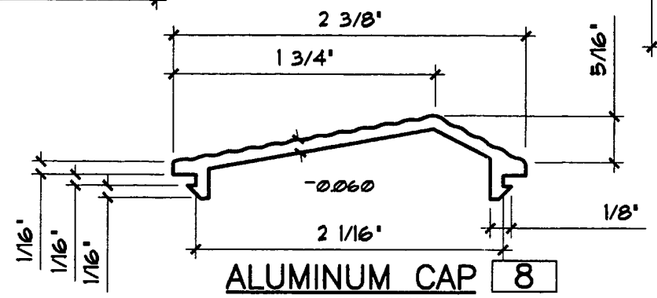


OAK CAP 8
SCALE: FULL SCALE



ALUMINUM CAP 8
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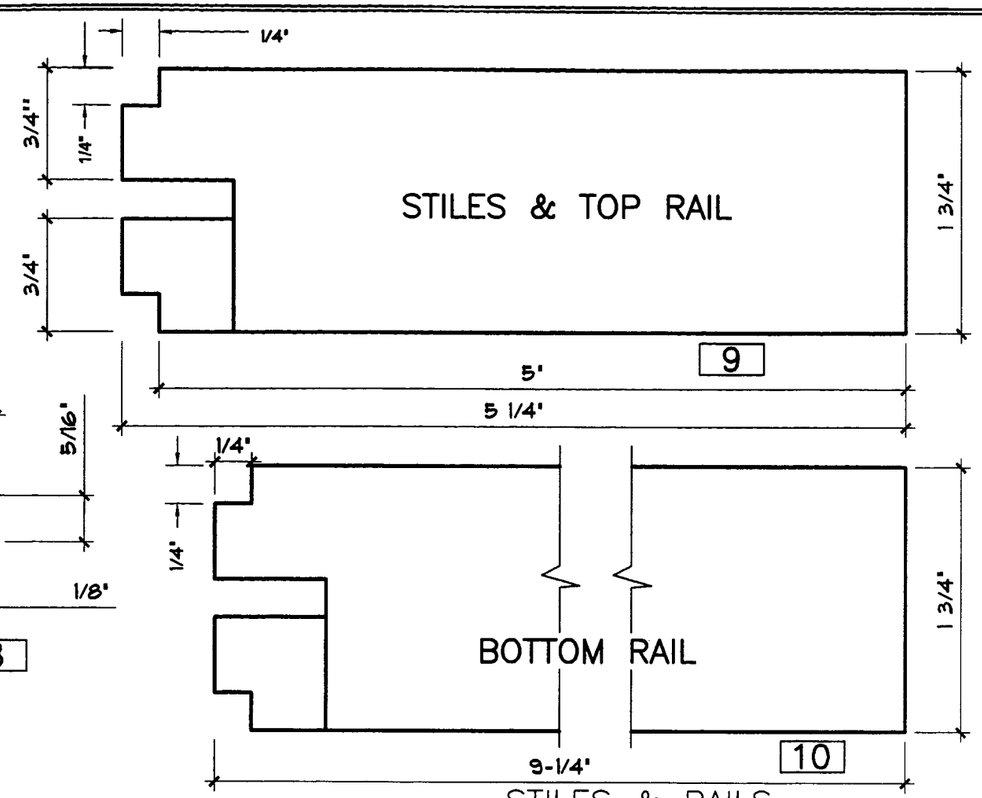
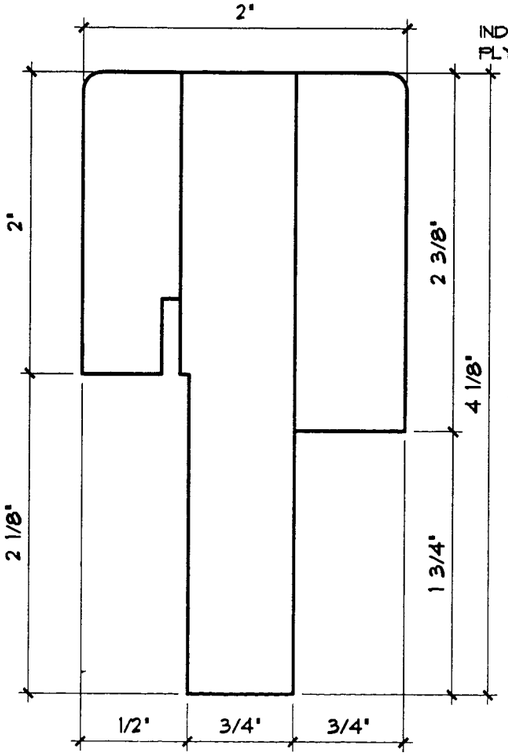
(6063-T5)



STILES & RAILS
SCALE: N.T.S.



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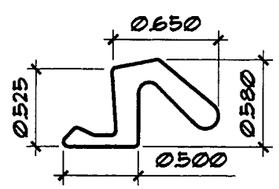

WEATHER STRIP 13
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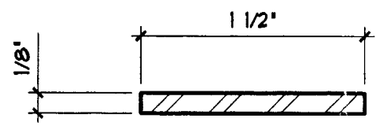
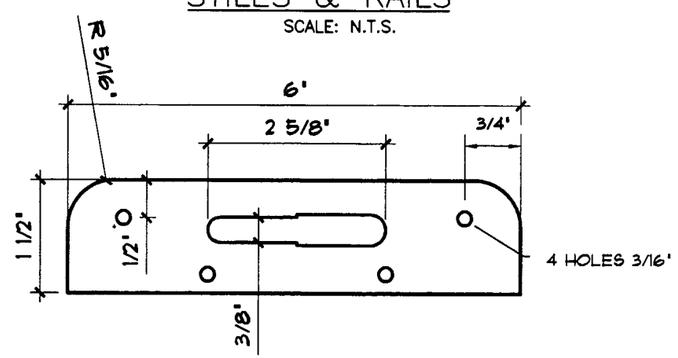
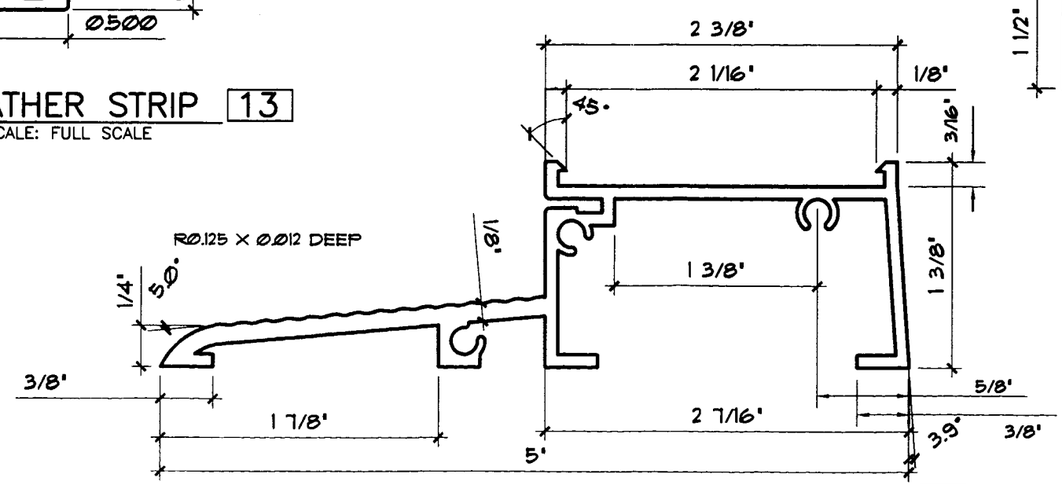


SEE DETAIL '2/3' FOR PLAN VIEW.

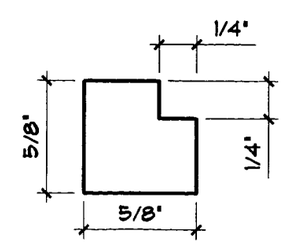
REINFORCING PLATE 14
(STEEL)
SCALE: FULL SCALE



STRIKE PLATE 5
(6063-T5)
SCALE: 1/2 SCALE



ALUMINUM THRESHOLD 7
SCALE: FULL SCALE
(6063-T5)



GLASS STOP 11
SCALE: FULL SCALE

Approved as complying with the Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0307.02
Miami Dade Product Control Division
By Manuel Perez

NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	02/21/02
2	GENERAL REVISIONS	G.R.	04/23/02
3	GENERAL REVISIONS	G.R.	06/10/02
4	GENERAL REVISIONS	G.R.	07/15/02

DRAWING TITLE
SERIES 1000 WOOD DOORS

MANUFACTURER
LAG DESIGN
INDUSTRIAL MILLWORK CORP
WEST HWAY 36 SENECA, KS 66538
(800)462-3667

BROMLEY - COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2004 N.E. 49th STREET
FORT LAUDERDALE, FL 33308
PHONE: (954) 772-4624 FAX: (954) 772-4634

CERTIFICATION
JUL 16 2002
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE: 02/25/02
DRAWING NO: LAG316
SHEET NO: 8 OF 9

MATERIAL LIST

1. SIDE , HEAD & JAMB (1 1/4" X 5 1/4" RABBETED & KERFED SOLID MAHOGANY.
   NOTE: WOOD SPECIES OF EQUAL OR GREATER DENSITY MAY BE SUBSTITUTED FOR ALL WOOD COMPONENTS
2. LOCKING HARDWARE:

   G.U. HARDWARE MULTI POINT LOCK SYSTEM WITH LEVER HANDLE & STRIKE AT 36" ABOVE BASE OF ACTIVE DOOR AND SHOOT BOLT MORTISED INTO DOOR PANEL WITH TOP AND BOTTOM STRIKES. MID-POINT LOCKS AT NO MORE THAN 24" APART.
3. DOUBLE ACTING FLUSH BOLT BY G.U. AT THE INACTIVE DOOR WITH TOP AND BOTTOM STRIKES.
4. STEEL HINGES 4" X 4" X 3/32" THICK LEAFS (GENERIC) PAINTED, STAINLESS BRASS, BRONZE, STEEL, OR OTHER FINISHES.
5. STRIKES:
   HEAD AND SILL STRIKE PLATE. ALUMINUM BAR 0.125" THICK X 1 1/2" X 6" TO BE USED WITH #2 ABOVE.
6. DOOR PANEL
   A. GLASSLAM SAFETY-PLUS 3/8" THICK LAMINATED WITH 1/8" ANNEALED - 0.06" POLYESTER RESIN - 0.01" P.E.T. - 0.06" POLYESTER RESIN - 1/8" ANNEALED FOR IMPACT DOORS. (MAX DLO 25 1/2" x 811/2")
   B. SOLID MAHOGANY RAISED PANEL
      1 1/2" THICK @ CENTER, 5/8" THICK @ EDGES

7. 5" X 1 3/8" 6063-T5 ALUMINUM BUMPER THRESHOLD.
8. OAK OR 6063-T5 ALUMINUM THRESHOLD CAP.
9. SOLID MAHOGANY STILE AND TOP RAIL- 1 3/4" X 5 1/4"
10. RAILS- 1 3/4" X 9.0" SOLID MAHOGANY.
11. GLASS STOP 5/8" X 5/8".
12. ASTRAGAL 2" X 4 1/8" LAMINATED PLYWOOD WITH 1 3/4" W/RABBET ON INACTIVE SIDE AND 2 1/8" RABBET ON ACTIVE SIDE.
13. WEATHER STRIP 5/8" Q-LON QDS-650.
14. REINFORCING PLATE: 1/8" X 1 1/2"(12" LONG) STAINLESS OR PAINTED STEEL FASTENED TO EACH TOP AND BOTTOM RAIL AS INDICATED ON DETAIL NUMBER "2 / 3".
15. LAG BOLTS 3/8"x6" LG.
16. G.E. 1200 SILICONE BACK BEDDING SEALING GLASS TO PANEL
17. 4d X 1 1/4" FINISHING NAIL 2 1/2" FROM CORNERS AND SPACED MAX. 4 1/2" O/C. OR #8 X 2" P.F.H.S.M.S. MAX SPACED @ 12" O.C.FASTENING GLASS STOPS TO PANELS. THE NAILS USED TO ATTACH THE GLAZING STOP PENETRATED THRU THE P.E.T. FILM ALSO
18. CASING BY OTHERS.
19. MIN. 2X4 P.T. BUCK BY OTHERS.
20. #10 X 3" F.H. WOOD SCREW (3 PER JAMB CORNER FASTENING JAMB TO JAMB).
21. No. 12 X 2 1/2" PFHSMS FASTENING FLAT BAR STEEL REINFORCING TO DOOR
22. NO. 10 X 3/4" PFHSMS FASTENING STRIKE PLATE TO HEAD JAMB (2 PER PLATE).
23. NO. 12 X 2 1/4" PFHSMS FASTENING STRIKE PLATE TO HEAD & BUCK (SCREWS PENETRATE THROUGH JAMB & INTO BUCK 1 1/2"). 2 PER PLATE.
24. NO. 10 X 1/2" PFHSMS FASTENING STRIKE PLATE TO THRESHOLD (2 PER PLATE).
25. A. NO. 12 X 2 1/4" PFHSMS FASTENING STRIKE PLATE TO HEAD OR SILL JAMB AND BUCK (SCREWS PENETRATE THROUGH JAMB & INTO BUCK 1 1/2"). (2 PER PLATE.)
    B. 3/16" TAPCONS (LENGTH AS REQUIRED FOR MIN. 1 3/4" CONCRETE EMBED) FASTENING THRESHOLD AND STRIKE PLATE TO CONCRETE SILL (2 PER PLATE).
26. NO. 8 X 3" S/STL SMS SECURING ASTRAGAL TO INACTIVE PANEL 2 SCREWS @ 1" FROM TOP & BOTTOM' BALANCE @ 9" O/C. STAGGERED
27. NO. 12 X 3/4" PFHSMS FASTENING HINGE TO JAMB (2 PER HINGE).
28. NO. 12 X 2 3/4" PFHSMS FASTENING HINGE TO JAMB (2 PER HINGE). FASTENERS MUST PENETRATE BUCK MIN 1 1/2".
29. NO. 12 X 1 1/4" PFHSMS FASTENING HINGES TO PANELS (4 PER HINGE).
30. NO. 12 X 2 1/2" PFHSMS FASTENING THRU-FRAME INTO BUCKS OR THRESHOLD INTO WOOD FRAME/BUCK AND JAMB/BUCK AT JAMB STOP. EMBED INTO BUCK MIN 1 1/2".
31. 3/16" TAPCONS (LENGTH AS REQUIRED FOR MIN. 1 3/4" CONCRETE EMBED) POSITIONED AS SHOWN ON ELEVATION VIEWS AND SECTIONS.
32. EXTERIOR TRIM BY OTHERS.
33. NO. 8 X 2 1/2" SMS THRU JAMBS & INTO SCREW SPLINES IN ALUMINUM THESHHOLD.

AT FIXED PANELS ONLY

34. NO. 8 X 2 1/2" SMS FASTENING JAMBS & THRESHOLD TO PANELS (4" FROM CORNERS & 8" O.C.)
35. 3/4" x 5 1/4" STRUCTURAL MULLION COMPOSED OF 13 PLY HARDWOOD PLYWOOD.

Approved as complying with the Florida Buiding Code
Date AUG. 15, 2002
NOA# 02-0307.02
Miami Dade Product Control Division
By Manuel Perez

NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	02/21/02
2	GENERAL REVISIONS	G.R.	04/23/02
3	GENERAL REVISIONS	G.R.	06/10/02
4	GENERAL REVISIONS	G.R.	07/15/02

DRAWING TITLE
SERIES 1000 WOOD DOORS

MANUFACTURER
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INDUSTRIAL MILLWORK CORP
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CERTIFICATION
JUL 23 2002
WILLIAM D. COOK, P.E.
FLA. P.E. NO. 43904

DATE: 02/25/02
DRAWING NO: LAG316
SHEET NO: 9 OF 9