

DERREVERE, HAWKES,
BLACK, COZAD

A T T O R N E Y S A T L A W

W E S T P A L M B E A C H J U P I T E R

JON D. DERREVERE, P.A.
WINSLOW D. HAWKES, III, P.A.
BRYAN W. BLACK, P.A.
BART COZAD, P.A.

SHIRLEY JEAN MCEACHERN
CHARLES D. STRAUB
MICHAEL B. STEVENS
PERI ROSE HUSTON-MILLER

Fran Minchew, Paralegal
fminchew@derreverelaw.com

May 4, 2010

Sent by FedEx

Department of Community Affairs
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

RE: Product Numbers FL13534 and 13535
Our File No.: 11800

To Whom It May Concern:

Please allow this letter to serve as Mahogany Vision, LLC's (hereinafter "Mahogany") formal objection to the issuance of Product Approvals FL13534 and FL13535. As described in further detail below, Mahogany's objection to the Department of Community Affairs' (hereinafter "DCA") issuance of the aforementioned approvals stems from a lengthy litigation which resulted in the sale of the interest in certain Miami-Dade Notices of Acceptance and their supporting documentation.

THE LITIGATION AND JURY TRIAL

The underlying litigation arose between Coastal Windows & Doors, Inc. (hereinafter "Coastal"), the buyer and installer of the subject windows and doors, and Sabana Windows, Corp¹, (hereinafter "Sabana"), the distributor of the subject windows and doors. In 2005, Coastal and Sabana entered into an agreement whereby Coastal was to purchase, and Sabana was to provide, high-end impact windows and doors for a job located in Palm Beach, Florida (hereinafter "Subject Windows and Doors"). The Subject Windows Doors were to be constructed out of solid Honduran mahogany and built in accordance with their respective Miami-Dade County Notices of Acceptance.

Contrary to the contract between the parties and the applicable Notices of Acceptance, the Subject Windows and Doors were constructed out of butcher block junk wood with a thin mahogany veneer on the exterior. The result of the improper construction caused the Subject Windows and Doors to delaminate, buckle, warp, and otherwise fail before installation was

¹ It should be noted that the Sabana Corporation has been referred to as numerous different entities depending on the time and document. (i.e., Sabana Windows, Inc., Sabana Windows, LLC., Maderas de Pino, Maderas, etc.)

completed. In November of 2005, upon learning of the defective nature of the products and after incurring numerous additional expenses as a result, Coastal filed a lawsuit against Sabana, and its agent Jimmy Abravaya, to recover its damages.

The litigation began in November 2005 and culminated with a weeklong jury trial in Palm Beach County in May 2008. After hearing testimony from witnesses from both Florida and Honduras, and after reviewing all of the evidence presented, the jury found in favor of Coastal for breach of contract, negligence, fraud in the inducement, negligent misrepresentation, violation of Florida's Deceptive and Unfair Trade Practices Act, as well a breach of numerous warranties. In accordance with the jury's findings, the Court entered Final Judgment against Sabana in the amount of \$120,000.00 and against Jimmy Abravaya in the amount of \$84,000.00. A copy of the Court's Final Judgment is attached hereto as Exhibit "A."

EXECUTION OF COASTAL'S JUDGMENT

Shortly after receiving its Final Judgment, Coastal instituted a number of post-judgment procedures in an effort to collect on its Final Judgment. The procedures included, but were not limited to, deposition of numerous corporate representatives, proceedings supplementary, and subpoenas to non-parties maintaining information related to the location of Sabana's assets. While it did appear that Sabana had a handful of assets Coastal could execute on, discovery showed that Sabana's most valuable asset was an interest in five (5) Miami-Dade Notices of Acceptance and their respective testing and engineering reports (hereinafter "Sabana NOAs").

Once the Sabana NOAs were located, Coastal began an exhaustive approach to develop a method by which Coastal could obtain the rights to the Sabana NOAs and their supporting documentation. The difficulty with Coastal's task was that no one had ever attempted to use the judicial system to cause a transfer of interest in a Notice of Acceptance and its supporting documentation. Notwithstanding the lack of precedent, Coastal, while working in conjunction with the Miami-Dade Building Code Compliance Office (hereinafter "MDBCCO"), the Miami-Dade Sheriff's Office (hereinafter "MDSO"), and numerous Florida engineers, established a procedure which would allow the rights of the Sabana NOAs, along with their respective supporting documentation, to be transferred through auction at a sheriff's sale.

With the assistance of the MDBCCO and the MDSO, Coastal initiated the process by obtaining a Writ of Execution from the Miami-Dade County Circuit Court which directed the MDSO to levy on any property owned by Sabana until the Coastal Final Judgment was satisfied. A copy of the Court's Writ is attached hereto as Exhibit "B." In accordance with the newly developed procedure, the Writ was delivered to the MDSO along with levy instructions which directed the sheriff to take into possession the following Notices of Acceptance:

Notice of Acceptance #04-0225.03

Notice of Acceptance #08-0922.06

Notice of Acceptance #08-0922.05

Notice of Acceptance #07-0613.01

Notice of Acceptance #09-0115.02

Pursuant to the levy instructions, the sheriff was directed to obtain a set of certified and embossed copies of the Sabana NOAs prepared and maintained by the MDBCCO. Attached to the set of certified and embossed copies of the Sabana NOAs, and incorporated therein by reference, were the testing reports created by Hurricane Engineering and Testing, and the engineering reports created by EngCo, Inc. In accordance with the instruction for levy, on November 3, 2009, the MDSO levied and took into possession the certified and embossed copies of the Sabana NOAs and its supporting documentation.

After placing the seized Sabana NOAs into storage, the MDSO placed an advertisement in the local periodical noticing the sale of the Sabana NOAs for January 6, 2010. Once the advertisement was placed, the undersigned was contacted by an attorney claiming to represent the true owners² (hereinafter "Third-Party Claimant") of the Sabana NOAs who demanded that the sale be cancelled. Because the Third-Party Claimant could produce no substantial evidence to support their contention of ownership, Coastal refused to cancel the sale.

In an effort to impede the sheriff's sale, the Third-Party Claimant filed a Motion to Stay Sheriff's Sale and/or for Return of Property with the Circuit Court in Miami-Dade County. On December 10, 2009, the Court heard arguments on Third-Party Claimant's Motion and ruled that if Third-Party Claimant wanted to stop the sheriff's sale and contest ownership, it would need to post a bond in the amount of \$120,000.00, the amount of Coastal's Final Judgment. Notwithstanding the Court Order, the Third-Party Claimant did not post the bond, and the sheriff's sale went forward as scheduled.

On January 6, 2010, the MDSO put up for auction the rights to the Sabana NOAs and their attached and incorporated documents to the highest bidder. In attendance at the auction was a representative for the Third-Party Claimant as well as a representative for Mahogany. Bids were exchanged, and in the end, Mahogany won the auction with its \$10,000.00 bid. Thereafter, the sheriff issued a bill of sale thereby transferring all interests and rights in the Sabana NOAs and the attached and incorporated documentation to Mahogany. A copy of the sheriff's bill of sale is attached hereto as Exhibit "C."

THIRD-PARTY CLAIMANT'S (MADENA) **END RUN AROUND THE JUDICIAL SYSTEM**

In April of 2010, it was brought to the attention of Mahogany that a "new" company had recently applied for two approvals with the State of Florida which appeared to mirror two of the Sabana NOAs sold at the sheriff's sale. Namely, those approvals were FL13534 and FL13535 (hereinafter "Madena Approvals"). According to the public record, a company named Madena S.A. applied for the Madena Approvals on or around March 1, 2010 which contained **the same design as those included in the Sabana NOAs**. A copy of the Madena Approval engineering documents are attached hereto as Exhibit "D." Since the discovery of the Madena Approval

² Upon information and belief, it appears that Madena, the entity applying for FL13534 and FL13535 is the same or related entity that contested the ownership of the Sabana NOAs prior to the sheriff's sale.

May 4, 2010

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filings, **both** the undersigned on behalf of Mahogany, and Jamie Gascon, P.E., the Chief of the Product Control Division for the MDBCCO have lodged formal objections with the DCA due to the conflict of ownership.

It is undisputed that Mahogany purchased the rights and interest in the Sabana NOAs at the aforementioned sheriff's sale. It is also undisputed that Sabana, which has now taken on the name of Madena, attempted to intervene with the sale of the Sabana NOAs, but failed to do so. Any objection and/or right Madena wishes to assert as to the Sabana NOAs should have been, and must continue to be, asserted before the Palm Beach or Miami-Dade County Circuit Court, both of which continue to retain jurisdiction over these issues. As evidenced by the nature of the parties' history, as well as the documents filed with the DCA, it is clear that Sabana, or someone else acting on its behalf, is attempting to infringe upon the rights purchased at the sheriff's sale by Mahogany by using the DCA to bypass the already ongoing judicial process.

If the DCA permits Madena to obtain the requested approval, it will in essence be allowing two entities within the state to maintain rights to the same engineering documents, which should be a legal impossibility. Further, the issuance of the approval by the DCA will stand in direct conflict with the ongoing judicial process pending in Palm Beach and Miami-Dade County Circuit Courts and effectively render the substantial effort and expense undertaken by Mahogany (all in accordance with the laws of the state of Florida) valueless. As such, the DCA cannot, and must not issue the approvals for Madena.

Based on the foregoing, the undersigned, on behalf of the judicially recognized owner in interest of the Sabana NOAs and all supporting engineering documents and designs relating thereto, respectfully requests that this Committee deny Madena's request because Madena lacks ownership of the rights to the design and supporting documents contained therein.

In addition to the foregoing enclosures listed above, I have also enclosed a letter from Mr. Gascon which specifically addresses the sum and substance of the documents provided by the MDBCCO for the sheriff's sale. Should the Committee have any additional questions or concerns, I am available to respond accordingly. I can be reached by any of the means below, in addition to my email address at: mbs@derreverelaw.com.

Very truly yours,



MICHAEL B. STEVENS
For the Firm

MBS/

Enclosures

cc: Oliveri Millworks
Mahogany Visions, LLC
Jim Richmond, Esq.

IN THE CIRCUIT COURT OF THE FIFTEENTH
JUDICIAL CIRCUIT, IN AND FOR PALM
BEACH COUNTY, FLORIDA

CASE NO.: 502005CA010869XXXXMBAJ

COASTAL WINDOWS & DOORS, INC.
Plaintiff/Counter-Defendant,

vs.

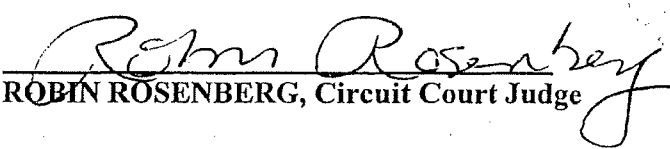
SABANA WINDOWS CORP. and JIMMY
ABRAVAYA, individually,
Defendants/Counter-Plaintiff.

FINAL JUDGMENT

In accordance with the jury verdict dated May 12, 2009, Final Judgment is entered in favor of Coastal Windows & Doors, Inc., against Sabana Windows Corporation in the sum of \$120,000.00 for Coastal Windows & Doors, Inc.'s claim of breach of contract, ~~plus pre-judgment interest in the amount of \$34,385.90, for a total amount of \$154,985.90;~~ *ll* additionally, Final Judgment is entered in favor of Coastal Windows & Doors, Inc., against Jimmy Abrevaya in the sum of \$84,000.00 for Coastal Windows & Doors, Inc.'s claim of negligent misrepresentation; Final Judgment against Jimmy Abrevaya shall be jointly and severally included, and not in addition to, the total amount recoverable from Sabana Windows Corporation, ~~in the total amount of \$155,303.26 which sum execution shall issue.~~ *ea*

The Court reserves jurisdiction to tax costs and to award attorney's fees.

DONE and ORDERED in West Palm Beach, Florida this 20th day of June, 2009.


ROBIN ROSENBERG, Circuit Court Judge

Copies to:

Jon D. Derrevere, Esq. & Michael B. Stevens, Esq., 470 Columbia Drive, Bldg "B", West Palm Beach, Florida 33409
Anthony Dieguez, J.D., 7950 NW 155 Street, Suite 207, Miami Lakes, Florida 33016

Ex. "A"

IN THE CIRCUIT COURT OF THE 11TH JUDICIAL CIRCUIT
IN AND OR MIAMI-DADE COUNTY, FLORIDA

CASE NO.: 2009-62374-CA-01

COASTAL WINDOWS & DOORS, INC.,
A Florida Corporation,

Plaintiffs,

v.

SABANA WINDOWS CORP. and JIMMY
ABRAVAYA, individually,

Defendants.

WRIT OF EXECUTION

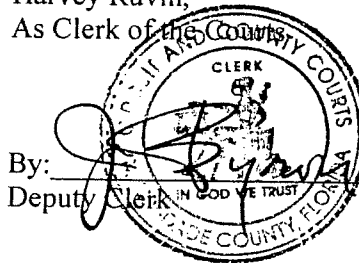
TO STATE OF FLORIDA:

To all and singular Sheriffs of the State:

YOU ARE COMMANDED to Levy on the property subject to execution of **Sabana Windows,**
and Jimmy Abravaya JA
Corp., in the sum of \$120,000.00 with legal interest at a rate of 8% per annum thereon from June 30,
2009 until paid and to have this Writ before the Court when fully satisfied, for which let execution issue.

Witness my hand and seal on this Court on _____ day of OCT 30 2009, 2009.

Harvey Ruvin,
As Clerk of the Court



By: _____
Deputy Clerk

BY: MICHAEL B. STEVENS
FBN: 0057466
DERREVERE, HAWKES & BLACK
Attorneys for Plaintiffs
470 Columbia Drive, Bldg. "B"
West Palm Beach, Florida 33409-1949
Telephone: (561) 684-3222
Facsimile: (561) 640-3050
Email: mbs@derreverelaw.com

EX. "B"

10/30
238

SHERIFF'S BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS, that JAMES K. LOFTUS, Sheriff of Miami-Dade County, Florida, as party of the first part, by virtue of a writ of execution issued out of and under the seal of the Circuit Court in and for Miami-Dade County, Florida, dated the 30 day of October, A.D. 2009 at the suit of Coastal Windows & Doors, Inc., a Florida Corporation, Plaintiff vs. Sabana Windows Corp. and Jimmy Abravaya, individually, Defendants, did levy upon and seize all the right, title and interest of said defendant, Sabana Windows Corp., in and to the following describe property, to wit:

NOTICE OF ACCEPTANCE #04-0225.03
NOTICE OF ACCEPTANCE #08-0922.06
NOTICE OF ACCEPTANCE #08-0922.05
NOTICE OF ACCEPTANCE #07-0613.01
NOTICE OF ACCEPTANCE #09-0115.02

AND, on the 06 day of January, A.D. 2010, sold the said property at public auction at 140 West Flagler Street squad room #801 in the City of Miami, in said County and State; after having advertised said property for sale, in manner and form as required by the Statutes in such cases made and provided, in the Miami Daily Business Review, a newspaper of general circulation published in said County once a week for four (4) weeks preceding date of sale; and that at such sale, the said property was struck off to the said party y of the second part, MAHOGANY VISIONS, LLC for the sum of TEN THOUSAND DOLLARS AND NO CENTS (\$10000.00) SALES TAX \$700.00 being the

highest bidder therefore, and that being the highest bid for same. **NOW THIS INDENTURE WITNESSETH:** That the said party of the first part, as Sheriff as aforesaid, by virtue of the said writ of execution and in pursuance of the Statute in such cases made and provided, and in consideration of the sum of money so bid as aforesaid, and in hand paid to the said party of the first part by the said party y of the second part, the receipt whereof is hereby


Ex "C"

acknowledged, has granted, bargained, sold, transferred and delivered, and by these presents, does grant, bargain, sell, transfer and deliver unto the party y of the second part MAHOGANY VISIONS, LLC, all the right, title and interest of said defendant, Sabana Windows Corp., in and to the property heretofore described. **TO HAVE AND TO HOLD** the said described property unto the said party y of the second part, as fully and absolutely as the said party of the first part, can or should convey by virtue of said writ of execution and the laws relating thereto.


IN TESTIMONY WHEREOF, the said party of the first part as Sheriff aforesaid, has hereunto set his hand and affixed the seal the 06 day of January, A.D. 2010.


SIGNED, SEALED AND DELIVERED
IN OUR PRESENCE:

JAMES K. LOFTUS
Interim Director and Metropolitan
Sheriff Miami-Dade County Florida



Lisandra Rosales

By:  _____ D.S. (SEAL)



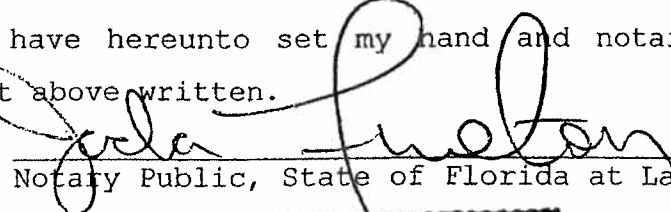
Karla Osorno

Sergeant R. Interian
Court Services Bureau


STATE OF FLORIDA)
) ss
COUNTY OF MIAMI-DADE)

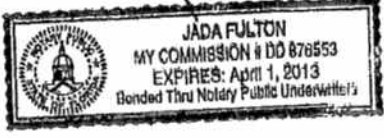
BE IT REMEMBERED, that on this 06 day of January, A.D. 2010 before me, Sergeant R. Interian, Deputy Sheriff of Miami-Dade County, Florida, described in and who executed the foregoing instrument of writing, and he did acknowledge that he signed, sealed and delivered the same of his own free will and accord, for the uses and purposes therein expressed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and notarial seal the day and year last above written.



Notary Public, State of Florida at Large

 _____ Personally known
_____ Produced _____
as identification.



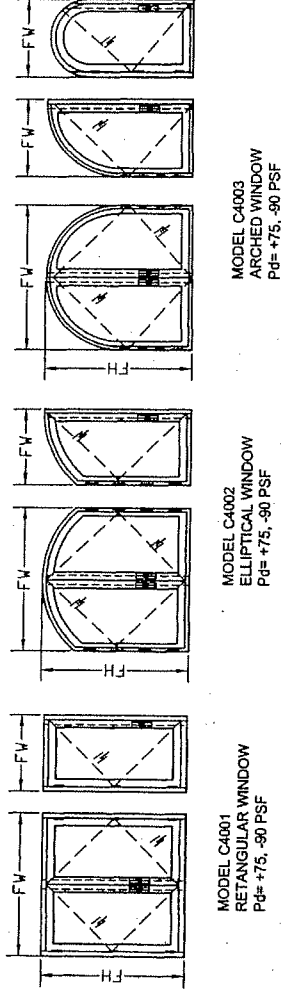
GENERAL NOTES: FLORIDA BUILDING CODE 2007

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2007 EDITION HVHZ AND NON HVHZ (HIGH VELOCITY HURRICANE ZONES).
- 2- DEFINITION: THIS PRODUCT IS A SWING OUT MAHOGANY WOOD TYPE WINDOW WITH LARGE AND SMALL MISSILE IMPACT RESISTANCE.
- 3- POSTING: A PERMANENT LABEL SHALL BE PROVIDED AS PER FBC 2007 SECTION 1714.8. IT SHALL BE PLACED ON A READILY VISIBLE LOCATION AND A MINIMUM OF ONE LABEL PER OPENING.
- 4- DESIGN LOADS: LOADS MUST BE CALCULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE APPROVED PRESSURE.
- 5- MATERIAL: ALL WOOD PARTS TO BE SOLID OR LAMINATED MAHOGANY OR ANY OTHER SPECIES WITH SPECIFIC GRAVITY GREATER OR EQUAL TO 0.45.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THIS CURRENT SET OF DRAWINGS.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
 - 7.1- THE STABILITY OF THE STRUCTURE WHERE THE UNIT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
 - 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
 - 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, EXCEPT WOOD SCREWS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.
- 9- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BUILDING CODE.
- 10- WOOD BUCKS (1x or 2x) BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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MODELS C4001, C4002, C4003

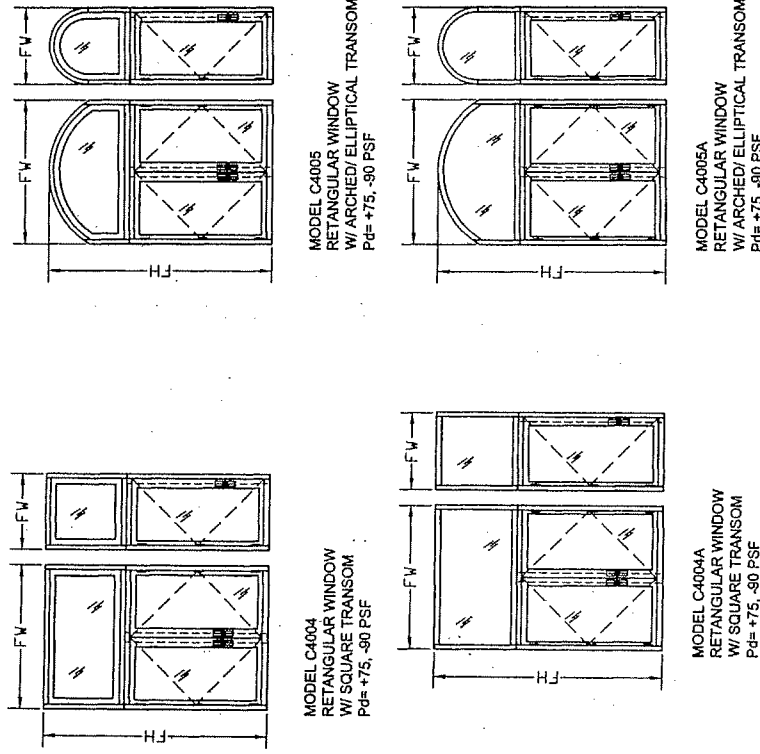


MODEL C4001
RECTANGULAR WINDOW
Pd= +75, -90 PSF

MODEL C4002
ELLIPTICAL WINDOW
Pd= +75, -90 PSF

MODEL C4003
ARCHED WINDOW
Pd= +75, -90 PSF

MODELS C4004, C4004A, C4005 & C4005A



MODEL C4004
RECTANGULAR WINDOW
W/ SQUARE TRANSOM
Pd= +75, -90 PSF

MODEL C4005
RECTANGULAR WINDOW
W/ ARCHED/ELLIPTICAL TRANSOM
Pd= +75, -90 PSF

MODEL C4004A
RECTANGULAR WINDOW
W/ SQUARE TRANSOM
Pd= +75, -90 PSF

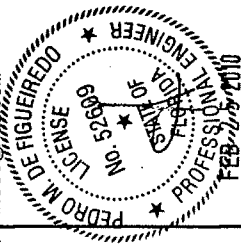
MODEL C4005A
RECTANGULAR WINDOW
W/ ARCHED/ELLIPTICAL TRANSOM
Pd= +75, -90 PSF

MADENA
S.A.

CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES C4000
MAHOGANY CASEMENT
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
Eng'g Inc.
CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCO@AOL.COM



Engineer Seal,
Pedro De Figueiredo
PE 52609

DRAFTING:
PK DRAFTING & MORE

REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
10-036

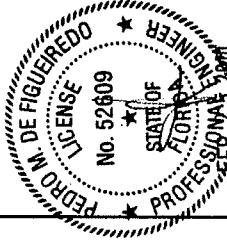
SHEET
1 of 11

MADENA
S.A.

CALLE PRINCIPAL, FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES C4000
MAHOGANY CASEMENT
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
Eng'g Inc.
CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCC@AOL.COM



Engineer Seal
Pedro De Figueredo
PE 52609

DRAFTING:
PK DRAFTING & MORE

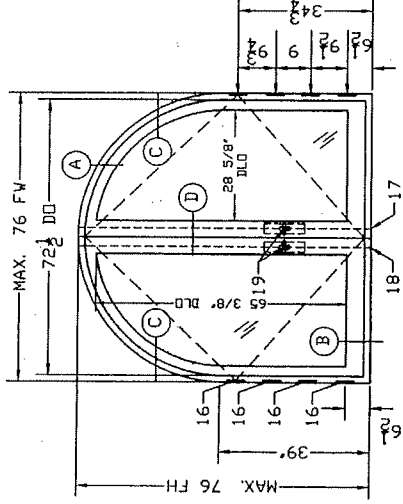
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Date: 2/19/10
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Design by: PPMF

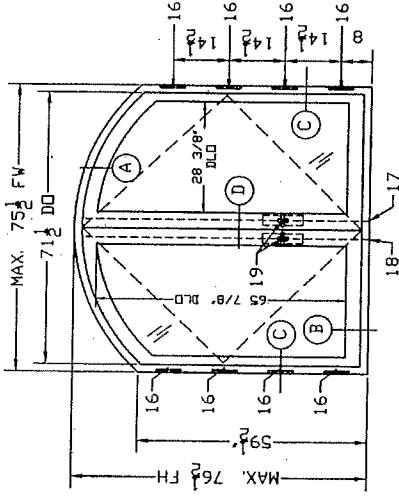
Drawing Number
10-036

SHEET
2 of 11

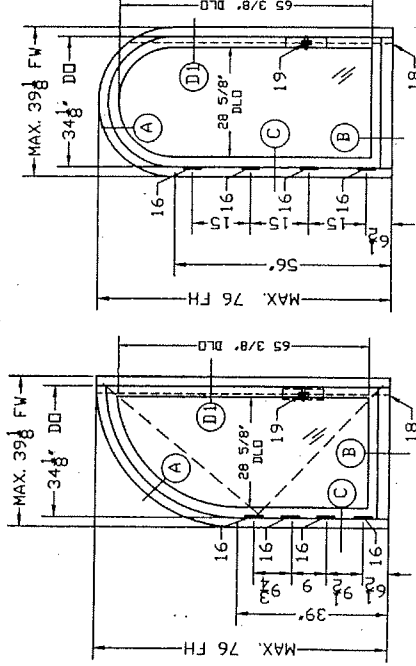
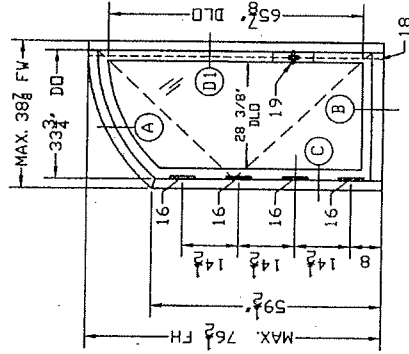
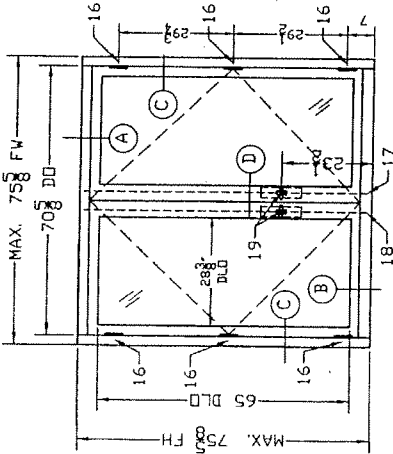
MODEL C4003
ARCHED



MODEL C4002
ELLIPTICAL



MODEL C4001
SQUARE



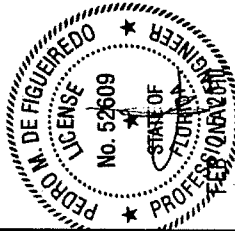
NOTE: THIS OPTION CAN
BE DONE AS ELLIPTICAL

MADENA
S.A.

CALLE PRINCIPAL FRENTE AL
CEMENTERIO LA SABANA
HONDURAS

PRODUCT:
SERIES C4000
MAHOAGANY CASEMENT
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngWo Inc.
CA 8116
6971 W. Sunrise Blvd, 104
Plantation, FL 33313
ENGCO@AOL.COM



Engineer Seal
Pedro De Figueredo
PE 52609

DRAFTING:
PK DRAFTING & MORE

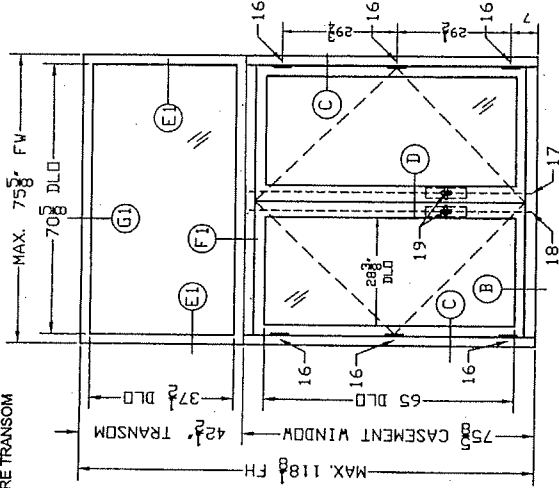
REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

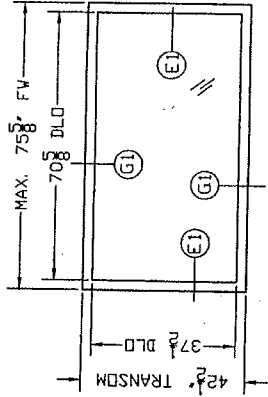
Drawing Number
10-036

SHEET
3 of 11

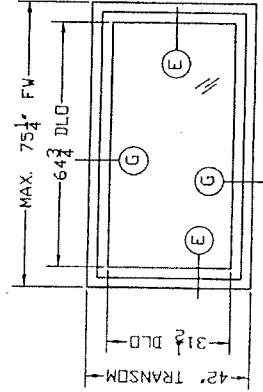
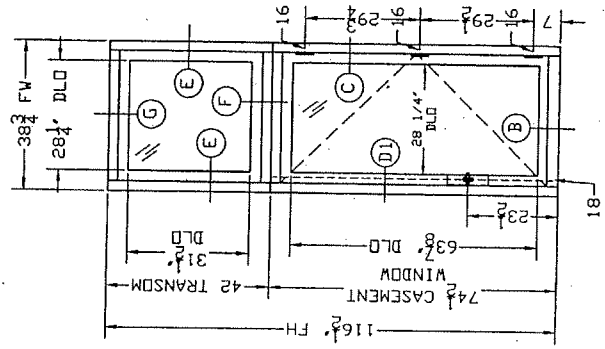
MODEL C4004A
RECTANGULAR WINDOW
W/ SQUARE TRANSOM



MODEL C4004
RECTANGULAR WINDOW
W/ SQUARE TRANSOM



NOTE:
FIXED WINDOW TRANSOM CAN
BE USED SEPARATELY FROM
THE CASEMENT WINDOW



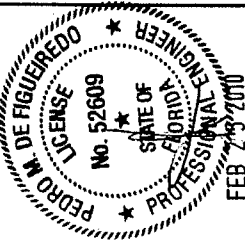
NOTE:
FIXED WINDOW TRANSOM CAN
BE USED SEPARATELY FROM
THE CASEMENT WINDOW

MADENA
S.A.

CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES C4000
MAHOAGANY CASEMENT
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngCo Inc.
CA 8116
6971 W. Sunrise Blvd, 104
Plantation, FL 33313
ENGCO@AOL.COM



Engineer Seal
Pedro De Figueredo
PE 52609

DRAFTING:
PK DRAFTING & MORE

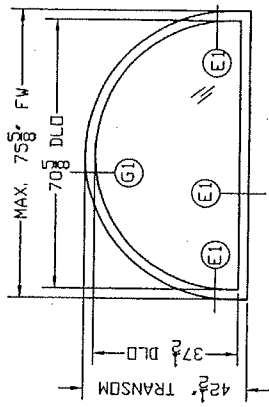
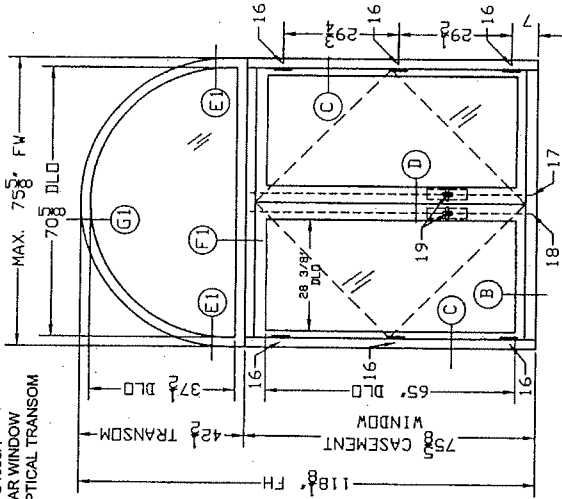
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Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
10-036

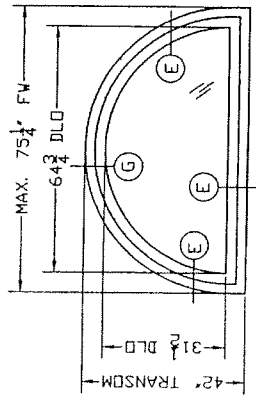
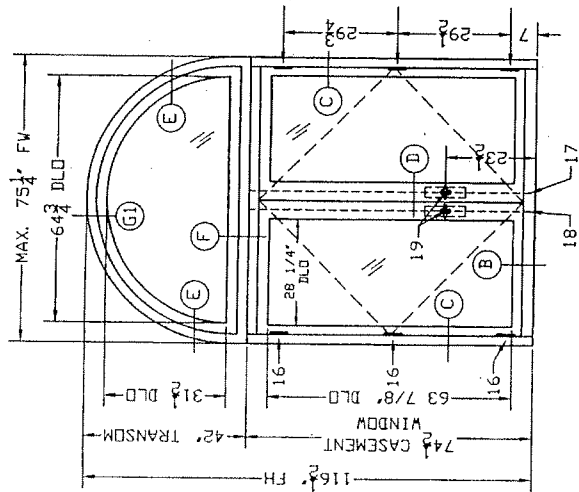
SHEET
4 of 11

MODEL C4005A
RECTANGULAR WINDOW
W/ ARCHED/ELLIPTICAL TRANSOM

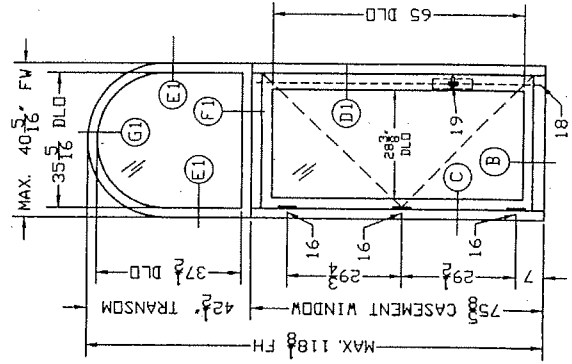
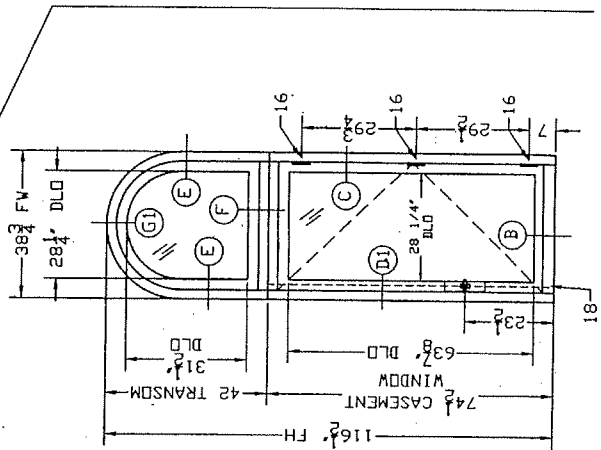


NOTE:
FIXED WINDOW TRANSOM CAN
BE USED SEPARATELY FROM
THE CASEMENT WINDOW

MODEL C4005
RECTANGULAR WINDOW W/
ARCHED/ELLIPTICAL
TRANSOM



NOTE:
FIXED WINDOW TRANSOM CAN
BE USED SEPARATELY FROM
THE CASEMENT WINDOW



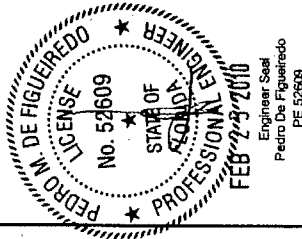
SECTION DETAILS
 MODELS C4001, C4002, C4003, C4004 & C4005

MADENA
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CALLE PRINCIPAL, FRENTE AL
 CEMENTERIO, LA SABANA
 HONDURAS

PRODUCT:
SERIES C4000
 MAHOGANY CASEMENT
 IMPACT WINDOWS
 LARGE & SMALL MISSILE

Engineering:
EngCo Inc.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 ENGCO@AOL.COM



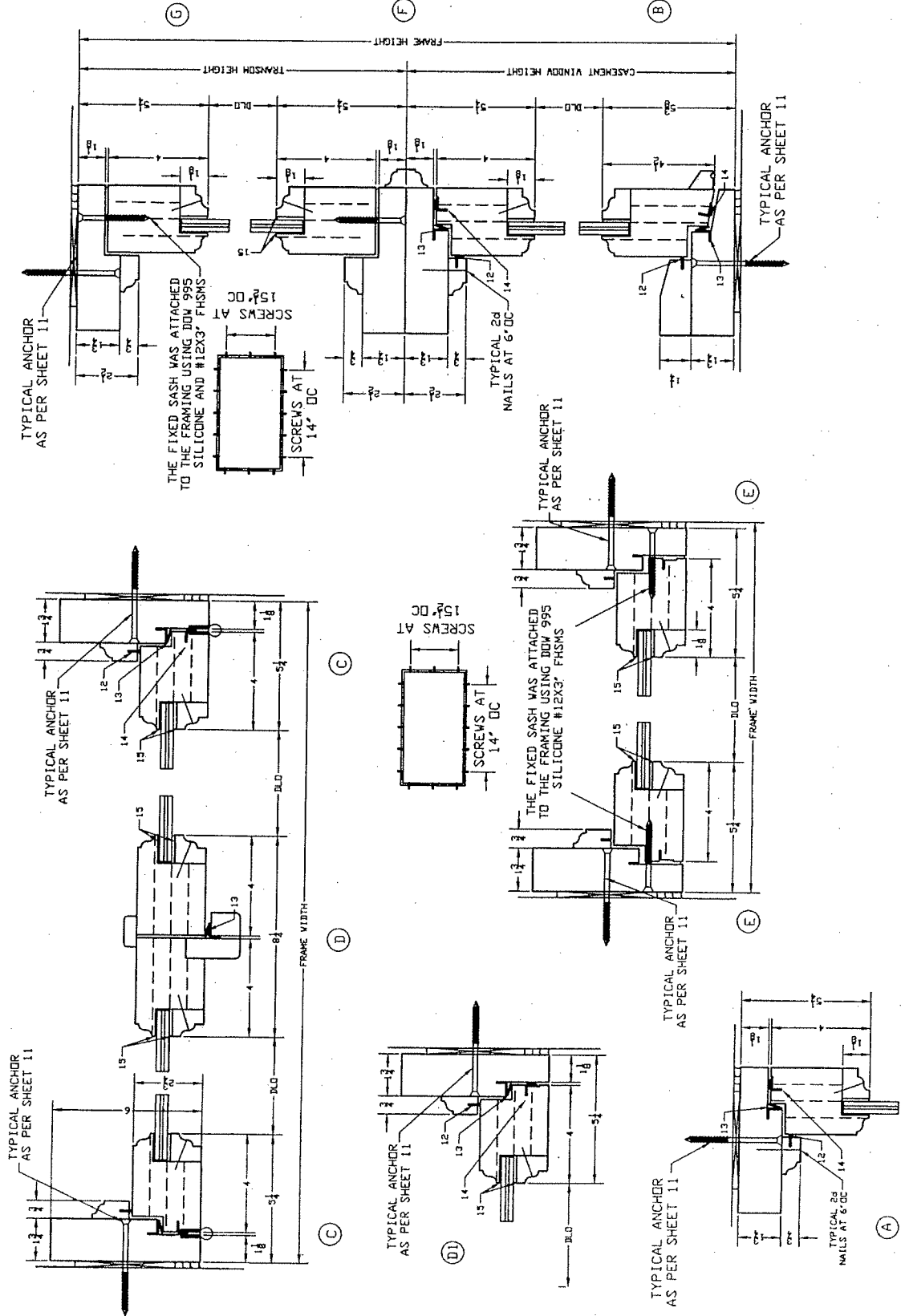
DRAFTING:
PK DRAFTING & MORE

REVISIONS:

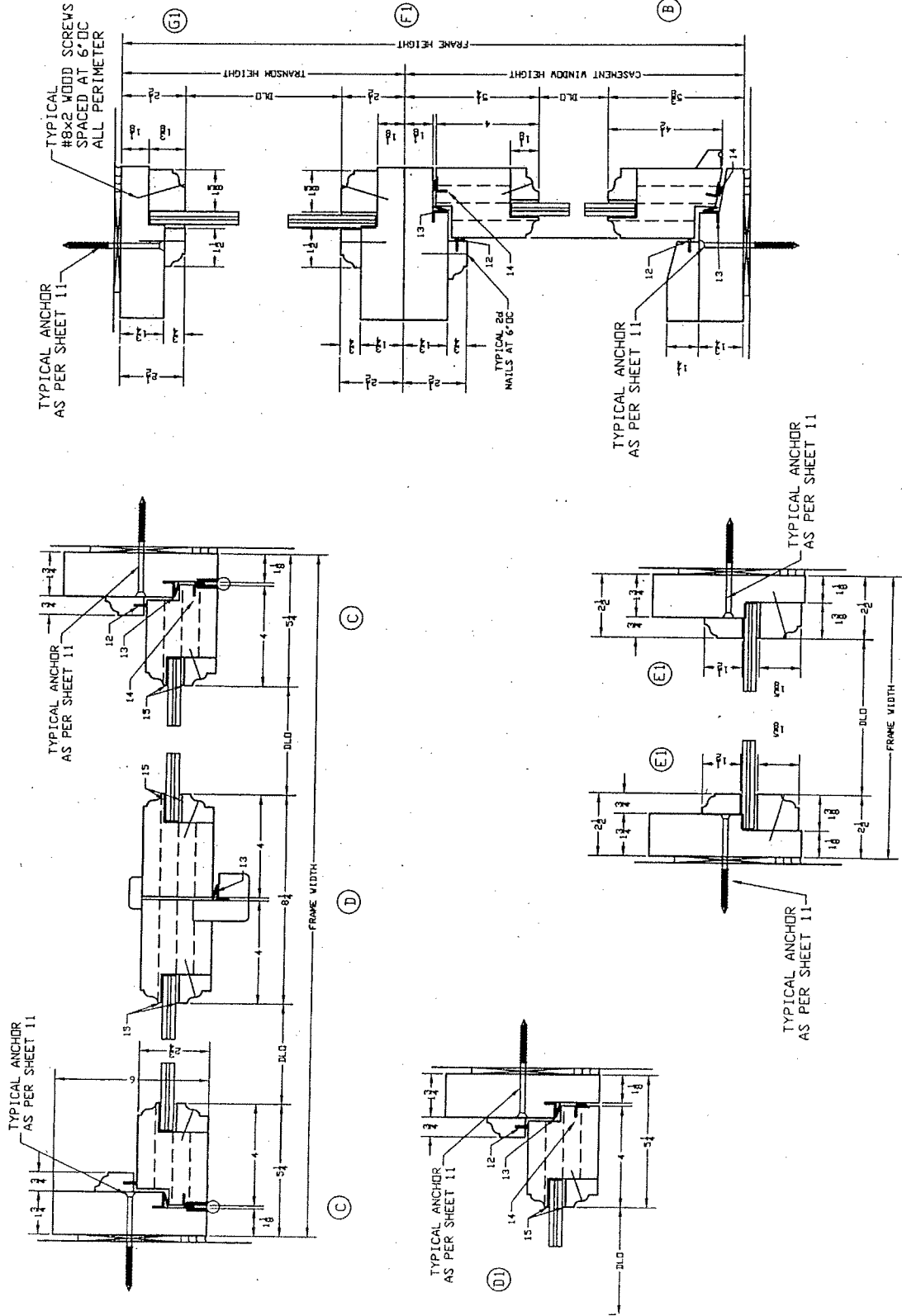
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Drawing Number
10-036

SHEET
5 of 11



SECTION DETAILS
 MODELS C4004A & C4005A

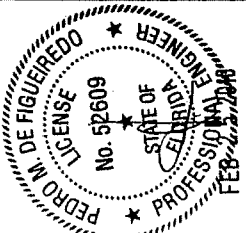


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Engineering:
EngCo Int.
 CA 8116
 6971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 ENGCO@AOL.COM



Engineer Seal
 Pedro De Figueredo
 PE 52609

DRAFTING:
PK DRAFTING & MORE

REVISIONS:

Date: 2/19/10
 Scale: NA
 Design by: PPMF

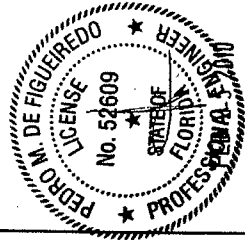
Drawing Number
10-036

SHEET
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MADENA
S.A.
CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES C4000
MAHOAGANY CASEMENT
IMPACT WINDOWS
LARGE & SMALL, MISSILE

Engineering:
EngCo Inr.
CA 8116
8971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCO@AOL.COM



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Pedro De Figueredo
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DRAFTING:
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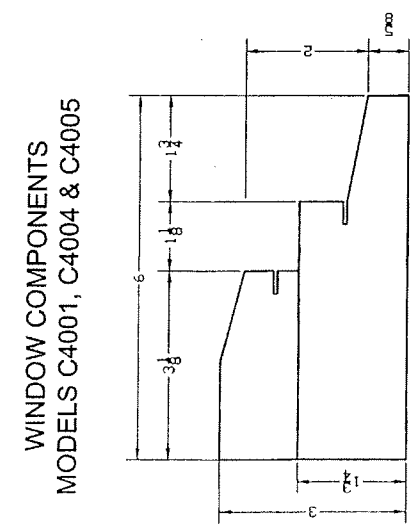
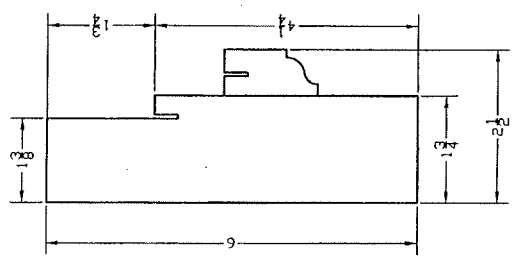
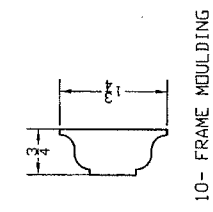
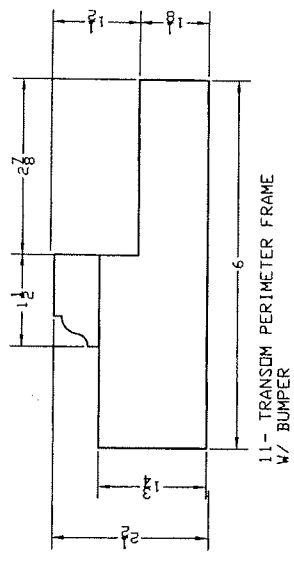
REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
10-036

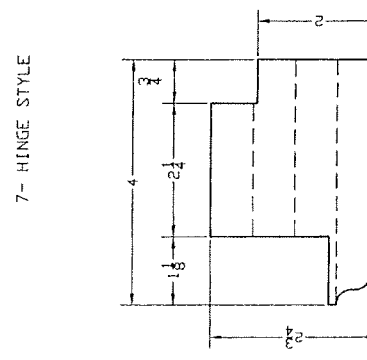
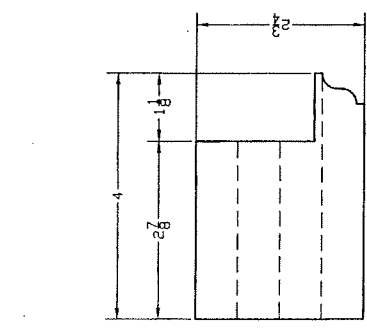
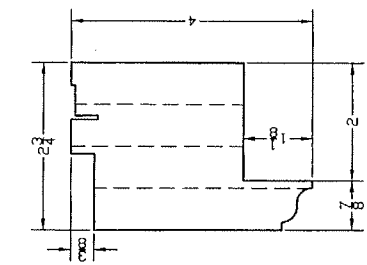
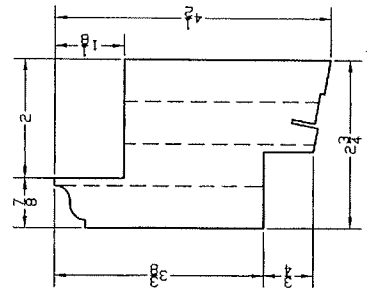
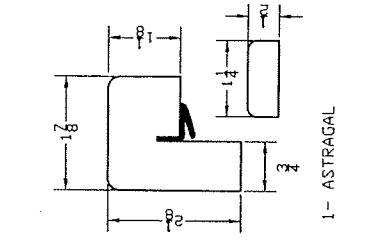
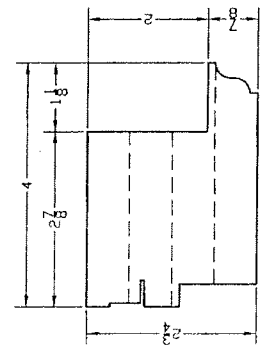
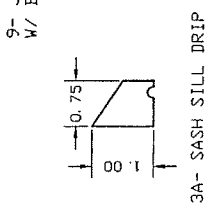
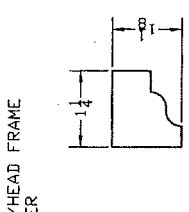
SHEET
7 of 11

WINDOW COMPONENTS
MODELS C4001, C4004 & C4005

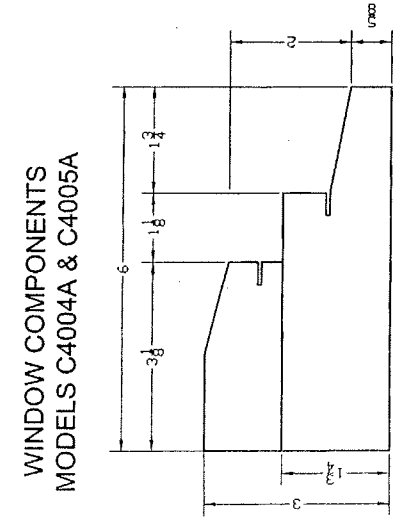


BILL OF MATERIALS

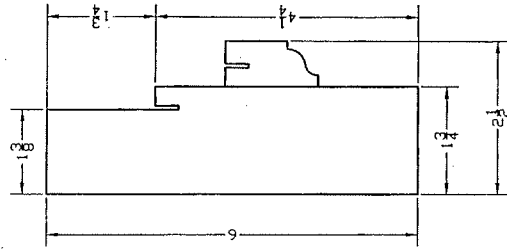
1	ASTRAGAL SOLID MAHOAGANY
2	SASH GLAZING STOP - SOLID MAHOAGANY
3	SASH BOTTOM RAIL - LAMINATED MAHOAGANY
4	SASH TOP RAIL - LAMINATED MAHOAGANY
5	SASH WIPER RAIL - LAMINATED MAHOAGANY
6	ACTIVE STYLE - LAMINATED MAHOAGANY
7	INACTIVE STYLE - LAMINATED MAHOAGANY
8	HINGE STYLE - LAMINATED MAHOAGANY
9	JAMB/HEAD FRAME W/ BUMPER SOLID MAHOAGANY
10	SILL FRAME W/ BUMPER SOLID MAHOAGANY
11	TRANSOM PERIMETER W/ BUMPER SOLID MAHOAGANY
12	WEATHER STRIPPING MS - TUBULAR SCHLEGEL US734 QW3400
13	WEATHER STRIPPING MS - TUBULAR SCHLEGEL US734 QW3400
14	WEATHER STRIPPING MS - FEAT TYPE SCHLEGEL US334
15	SILICONE JOINT 905
16	3 PER LEAF 2 1/2" X 0.138" SOLID BRASS HINGE BOLTED TO THE FRAME USING (4) 1/2" X 1 1/16" PHSS AND NUTS AND ATTACHED TO HINGE STYLE USING (4) #10X2" PHSS
17	2 POINT HIDDEN CREMONE W/ 3/8X2.3 ROD
18	2 POINT HIDDEN CREMONE W/ 3/8X2.3 ROD
19	LUCK HANDLE TESA BLACK



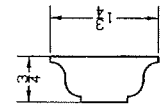
**WINDOW COMPONENTS
MODELS C4004A & C4005A**



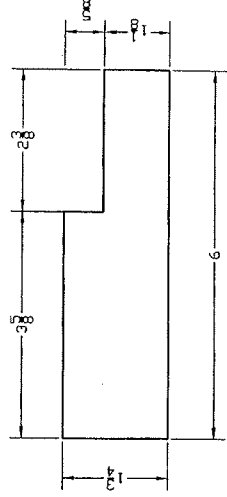
8- SILL FRAME W/ BUMPER



9- JAMB/HEAD FRAME
W/ BUMPER



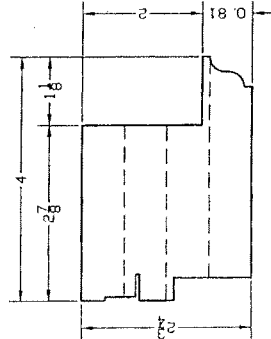
10- FRAME MOULDING



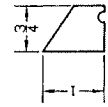
11- TRANSDM JAMB FRAME
11A- TRANSDM HEAD/SILL FRAME

BILL OF MATERIALS

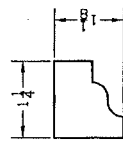
1	ASTRAGAL - SOLID MAHOGANY
2	SASH GLAZING STOP - SOLID MAHOGANY
3	SASH BOTTOM RAIL - LAMINATED MAHOGANY
4	SASH TOP RAIL - LAMINATED MAHOGANY
5	ACTIVE STYLE - LAMINATED MAHOGANY
6	INACTIVE STYLE - LAMINATED MAHOGANY
7	HINGE STYLE - LAMINATED MAHOGANY
8	SILL FRAME W/ BUMPER - SOLID MAHOGANY
9	JAMB/HEAD FRAME W/ BUMPER - SOLID MAHOGANY
10	FRAME MULDING - SOLID MAHOGANY
11	TRANSDM HEATER/SILL - SOLID LAMINATED MAHOGANY
11A	TRANSDM GLAZING STOP - SOLID MAHOGANY
12	WEATHER-STRIPPING VS1 - TUBULAR SCHLEGEL U8734 DWS400
13	WEATHER-STRIPPING VS2 - KERF TYPE SCHLEGEL U8334
14	WEATHER-STRIPPING VS3 - FLAT TYPE SCHLEGEL U6934
15	SILICONE DOW 995
16	(3 PER LEAF) 4 1/2" X 0.138" SOLID BRASS HINGE BOLTED TO THE FRAME USING (4) 1/4" X 1 7/16" FMS AND NUTS AND ATTACHED TO HINGE STYLE USING (4) #10X2" FHSMS
17	3 POINT HIDDEN CREMONE W/ 5/8X2 3/4 ROD
18	2 POINT HIDDEN CREMONE W/ 5/8X2 3/4 ROD
19	LOCK HANDLE TESA BLACK



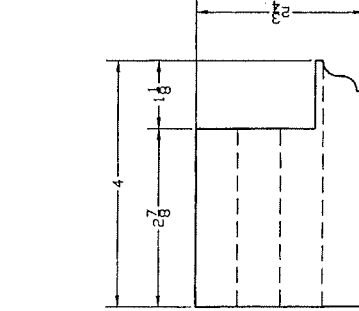
7- HINGE STYLE



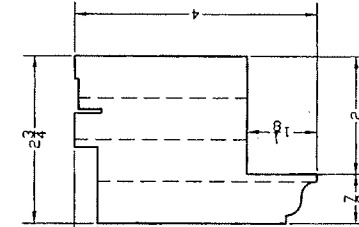
3A- SASH SILL DRIP



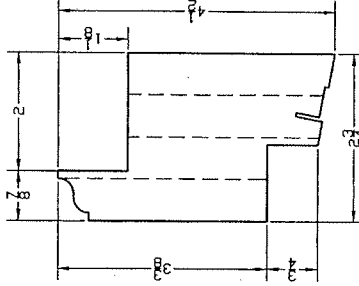
2- SASH GLAZING STOP



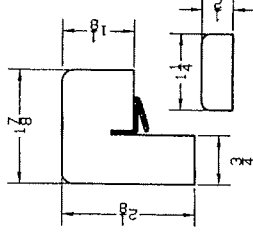
6- INACTIVE STYLE



4- SASH TOP RAIL



3- SASH BOTTOM RAIL



1- ASTRAGAL

**MADENA
S.A.**

CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES C4000
MAHOGANY CASEMENT
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngCo Inc.
CA 8146
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCO@AOL.COM



Engineer Seal
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PE 52609

DRAFTING:
PK DRAFTING & MORE

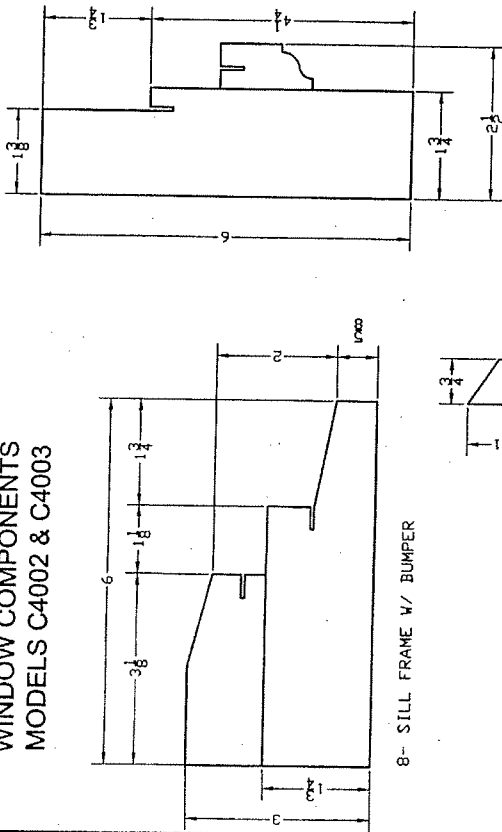
REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

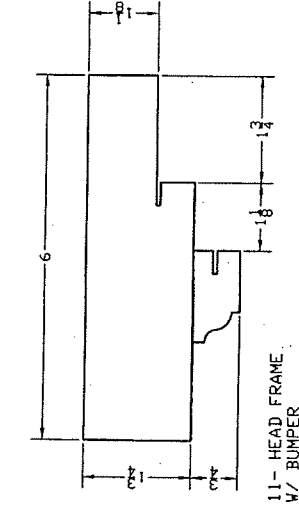
Drawing Number
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SHEET
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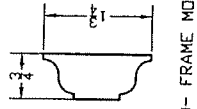
**WINDOW COMPONENTS
MODELS C4002 & C4003**



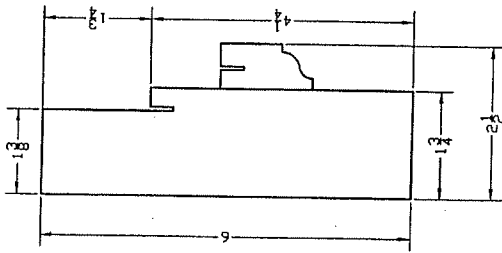
8- SILL FRAME W/ BUMPER



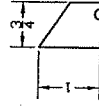
11- HEAD FRAME
W/ BUMPER



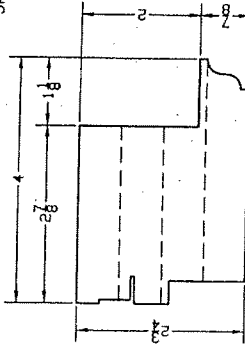
10- FRAME MOULDING



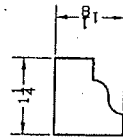
9- JAMB/HEAD FRAME
W/ BUMPER



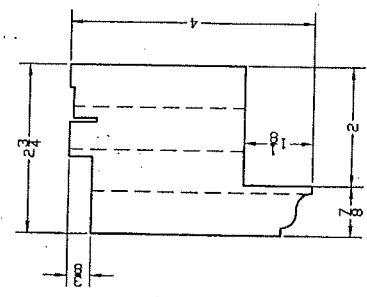
3A- SASH SILL DRIP



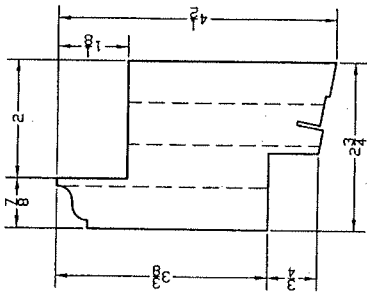
7- HINGE STYLE



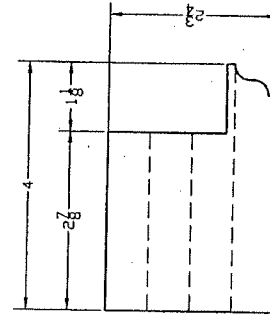
2- SASH GLAZING STOP



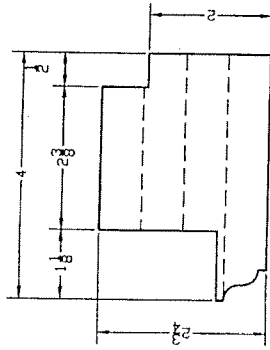
4- SASH TOP RAIL



3- SASH BOTTOM RAIL



6- INACTIVE STYLE



5- ACTIVE STYLE

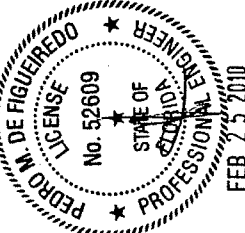
BILL OF MATERIALS

- 1 ASTRAGAL - SOLID MAHOGANY
- 2 SASH GLAZING STOP - SOLID MAHOGANY
- 3 SASH BOTTOM RAIL - LAMINATED MAHOGANY
- 4 SASH TOP RAIL - LAMINATED MAHOGANY
- 5 ACTIVE STYLE - LAMINATED MAHOGANY
- 6 INACTIVE STYLE - LAMINATED MAHOGANY
- 7 HINGE STYLE - SOLID MAHOGANY
- 8 SILL FRAME W/ BUMPER - SOLID MAHOGANY
- 9 JAMB FRAME W/ BUMPER - SOLID MAHOGANY
- 10 FRAME MOULDING - SOLID MAHOGANY
- 11 HEAD FRAME W/ BUMPER - LAMINATED MAHOGANY
- 12 WEATHER-STRIPPING W51 - TUBULAR SCHLEGEL U3734 QWS400
- 13 WEATHER-STRIPPING W52 - KERF TYPE SCHLEGEL UB3334
- 14 WEATHER-STRIPPING W53 - FLAT TYPE SCHLEGEL U6934
- 15 SILICONE DOV 995
- 16 C4003 MODEL (4 PER LEAF) 4 1/2" X 1 3/8" SOLID BRASS HINGE BOLTED TO THE FRAME USING (4) 1/4" X 1 7/16" FMS AND NUTS AND ATTACHED TO HINGE STYLE USING (4) #10X2" FHSMS.
- 17 C4002 MODEL (4 PER LEAF) 0.77X6 3/8" SIDANEZ SOLID BRASS HINGE WITH 0.43" PIVOT BOLTED TO THE FRAME USING (4) 1/4" X 1 7/16" FMS AND NUTS AND ATTACHED TO HINGE STYLE USING (4) #8X2 FHSMS
- 18 3 POINT HIDDEN CREMONE W/ 5/8X2.5 ROD
- 19 2 POINT HIDDEN CREMONE W/ 5/8X2.5 ROD
- 20 LOCK HANDLE TESA BLACK

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CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
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Engineering:
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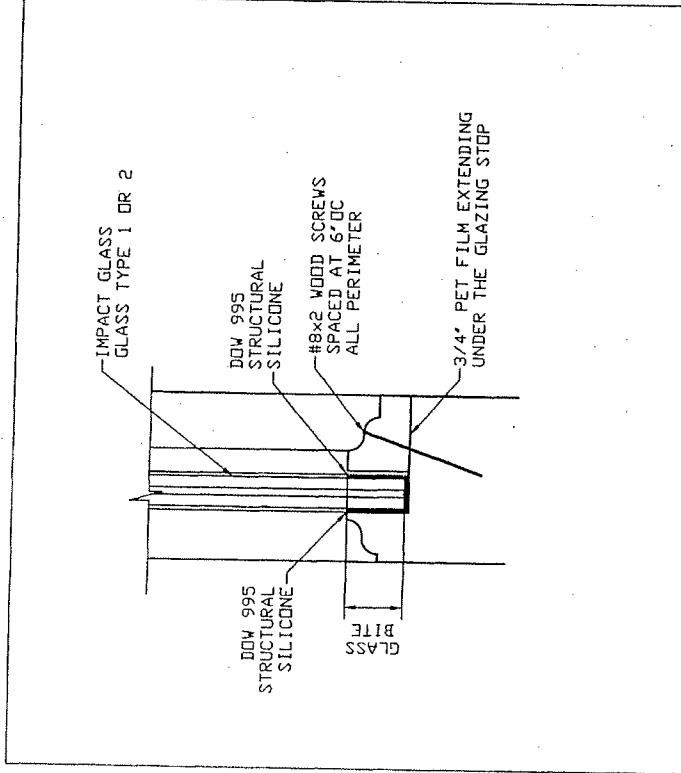
REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
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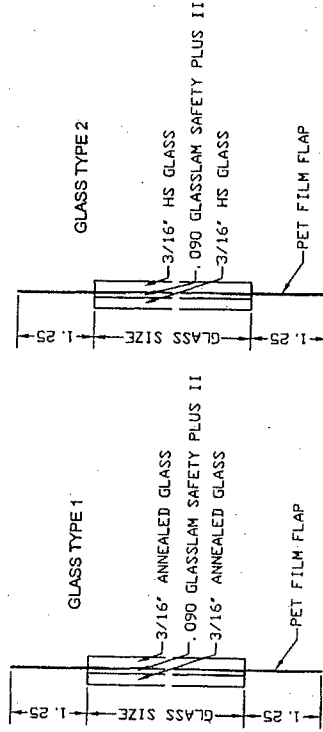
SHEET
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GENERAL CONDITIONS

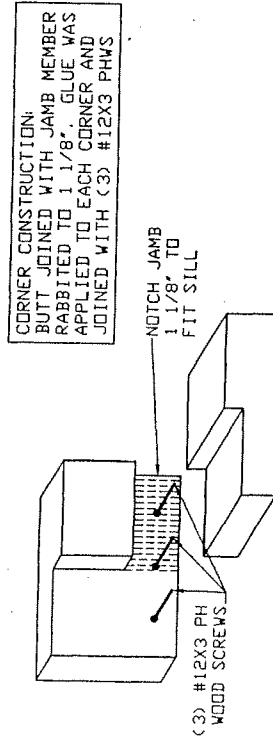


GLAZING SCHEDULE:

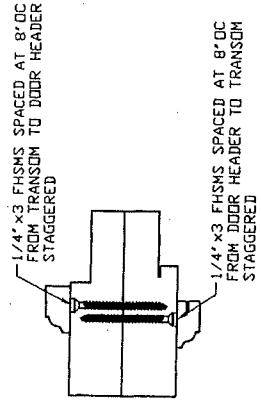
MODEL	MAX DIM	LOCATION	GLASS			GLASS BITE		
			TYPE	AREA	TOP	BUT	SIDES	
C-4001	28.250 x 63.875	SASH	1	12.5	1.00	1.00	0.81	
C-4002	28.375 x 63.875	SASH	1	12.9	1.00	0.75	1.15	
C-4003	28.625 x 65.375	SASH	1	12.9	0.75	0.82	0.75	
C-4004	64.750 x 31.500	TRANSOM	1	14.1	1.00	1.00	1.00	
C-4004	28.250 x 63.875	SASH	1	12.5	1.00	1.00	0.81	
C-4005	64.750 x 31.500	TRANSOM	1	14.1	1.00	1.00	1.00	
C-4005	28.250 x 63.875	SASH	1	12.5	1.00	1.00	0.81	
C-4004A	70.625 x 37.500	TRANSOM	2	18.3	1.00	1.00	1.00	
C-4004A	28.375 x 65.000	SASH	2	12.8	0.69	0.69	0.88	
C-4005A	70.625 x 37.500	TRANSOM	2	18.3	1.00	1.00	1.00	
C-4005A	28.375 x 65.000	SASH	2	12.8	0.69	0.69	0.88	



FRAME CORNER ASSEMBLY



HEADER / TRANSOM ASSEMBLY

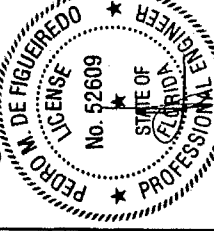


MADENA S.A.

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PRODUCT: SERIES C4000 MAHOGANY CASEMENT IMPACT WINDOWS LARGE & SMALL MISSILE

Engineering: EngCo Inc. CA 8116 6971 W. Sunrise Blvd. 104 Plantation, FL 33313 ENGCO@AOL.COM



FEB 25 2010

Engineer Seal Pedro De Figueiredo PE 52609

DRAFTING: PK DRAFTING & MORE

REVISIONS:

Date: 2/19/10 Scale: NA Design by: PPMF

Drawing Number 10-036

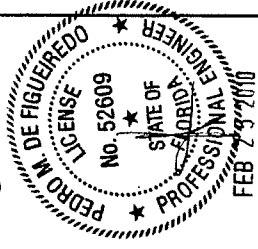
SHEET 10 of 11

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 Plantation, FL 33313
 ENGCO@AOL.COM



DRAFTING: **PK DRAFTING & MORE**

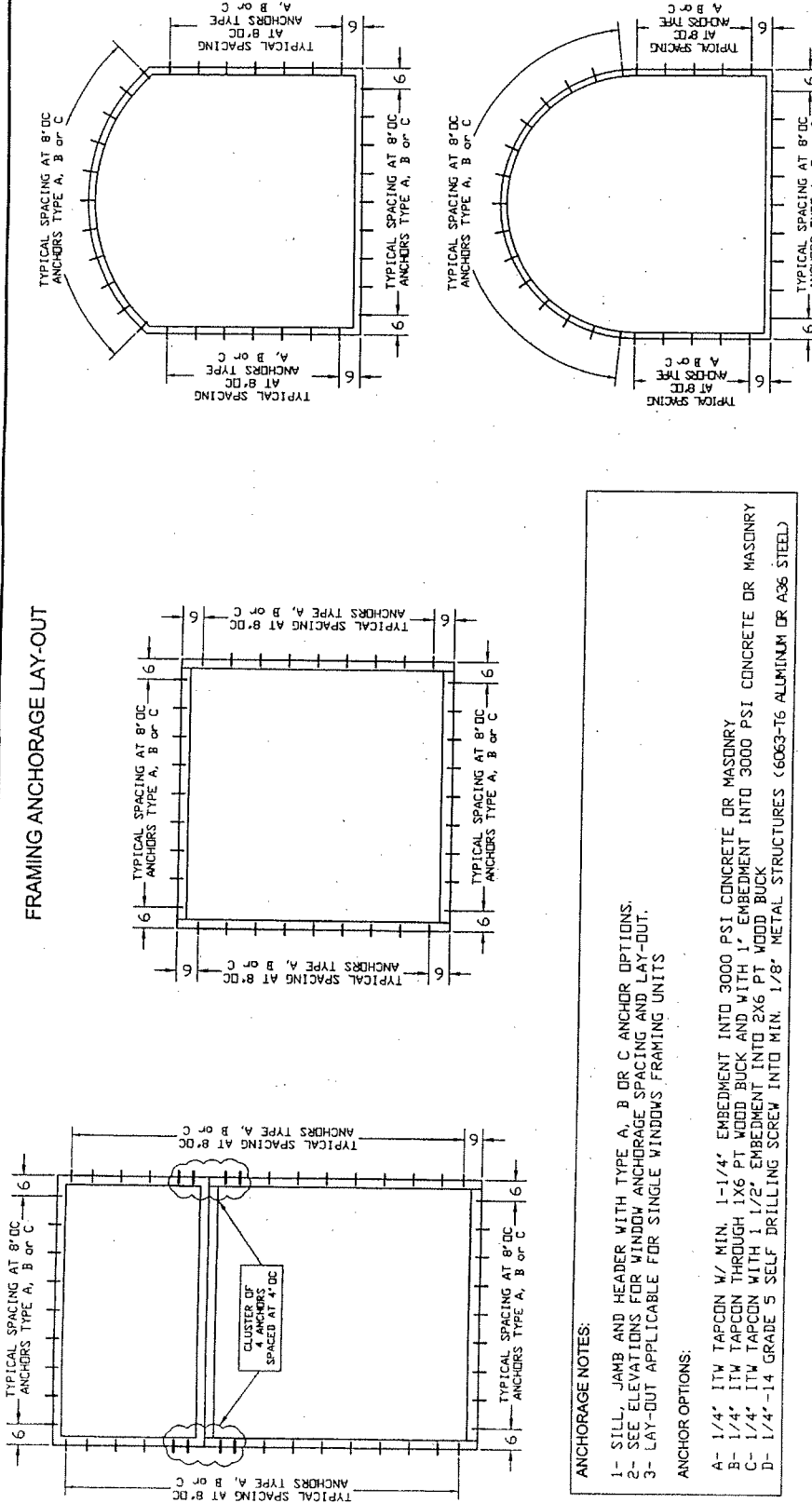
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Date: 2/19/10
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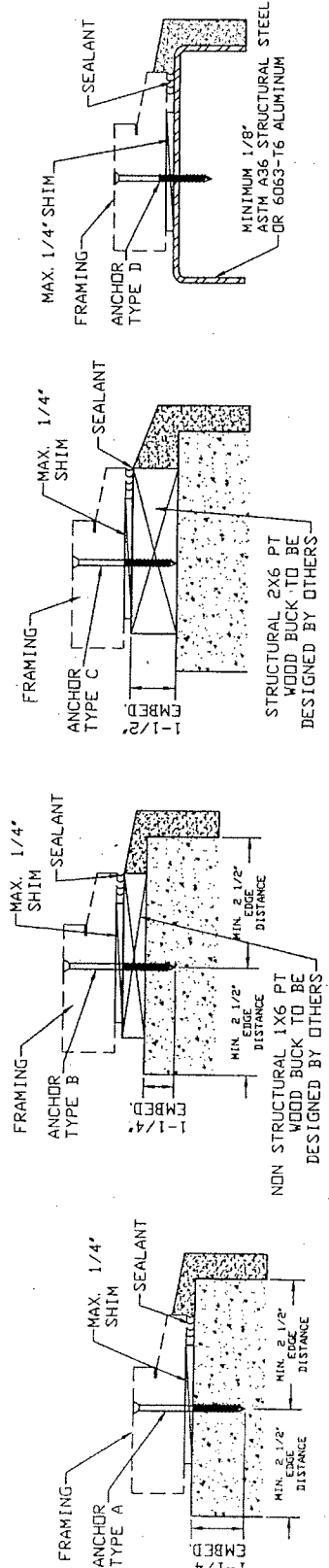
SHEET
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FRAMING ANCHORAGE LAY-OUT



ANCHORAGE NOTES:
 1- SILL, JAMB AND HEADER WITH TYPE A, B OR C ANCHOR OPTIONS.
 2- SEE ELEVATIONS FOR WINDOW ANCHORAGE SPACING AND LAY-OUT.
 3- LAY-OUT APPLICABLE FOR SINGLE WINDOWS FRAMING UNITS

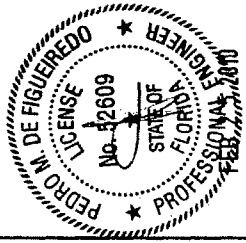
ANCHOR OPTIONS:
 A- 1/4" ITW TAPCON W/ MIN. 1-1/4" EMBEDMENT INTO 3000 PSI CONCRETE OR MASONRY
 B- 1/4" ITW TAPCON THROUGH 1X6 PT WOOD BUCK AND WITH 1" EMBEDMENT INTO 3000 PSI CONCRETE OR MASONRY
 C- 1/4" ITW TAPCON WITH 1-1/2" EMBEDMENT INTO 2X6 PT WOOD BUCK
 D- 1/4"-14 GRADE 5 SELF DRILLING SCREW INTO MIN. 1/8" METAL STRUCTURES (6063-T6 ALUMINUM OR A36 STEEL)



MADENA
S.A.
CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES F4000
MAHOAGANY FIXED
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngWo Inc.
CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCC@AOL.COM



Engineer Seal
Pedro De Figueroa
PE 52609

DRAFTING:
PK DRAFTING & MORE

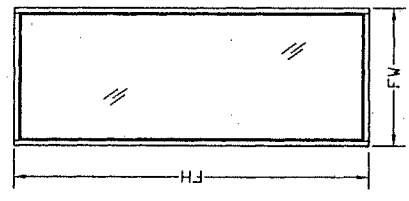
REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

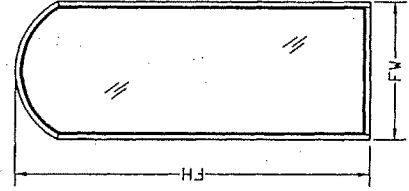
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SHEET
1 of 8

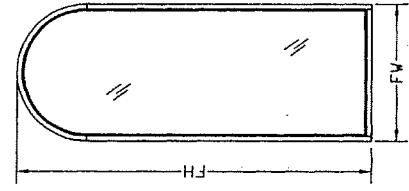
MODEL F4001, F4002, F4003 & F4004



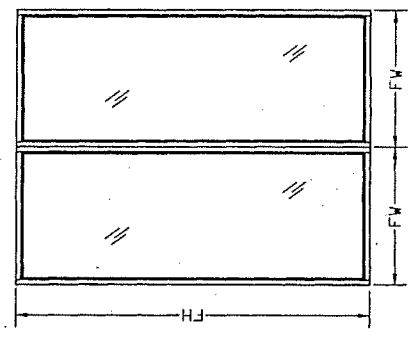
MODEL F4001
RECTANGULAR WINDOW
Pd= +75, -83 PSF



MODEL F4002
ELLIPTICAL WINDOW
Pd= +75, -83 PSF



MODEL F4003
ARCHED WINDOW
Pd= +75, -83 PSF



MODEL F4004
DOUBLE WINDOW
Pd= +75, -83 PSF

GENERAL NOTES: FLORIDA BUILDING CODE 2007

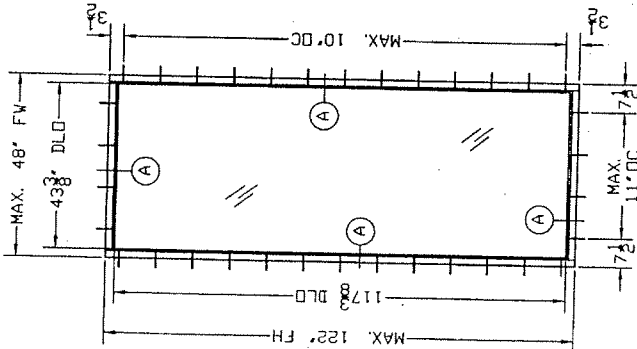
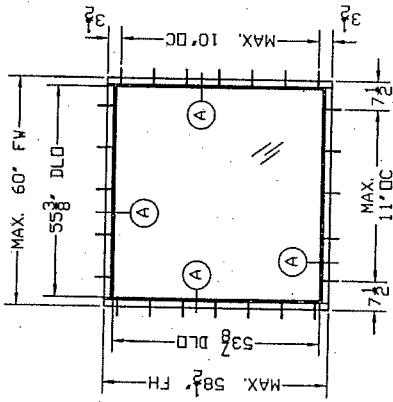
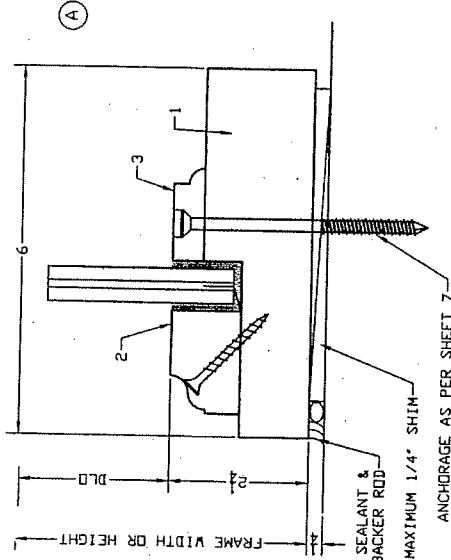
- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2007 EDITION HVHZ AND NON HVHZ (HIGH VELOCITY HURRICANE ZONES).
- 2- DEFINITION: THIS PRODUCT IS A FIXED MAHOAGANY WOOD TYPE WINDOW WITH LARGE AND SMALL MISSILE IMPACT RESISTANCE.
- 3- POSTING: A PERMANENT LABEL SHALL BE PROVIDED AS PER FBC 2007 SECTION 1714.8. IT SHALL BE PLACED ON A READILY VISIBLE LOCATION AND A MINIMUM OF ONE LABEL PER OPENING
- 4- DESIGN LOADS: LOADS MUST BE CALCULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE APPROVED PRESSURE.
- 5- MATERIAL: ALL WOOD PARTS TO BE SOLID OR LAMINATED MAHOAGANY OR ANY OTHER SPECIES WITH SPECIFIC GRAVITY GREATER OR EQUAL TO 0.45.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THIS CURRENT SET OF DRAWINGS.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
 - 7.1- THE STABILITY OF THE STRUCTURE WHERE THE UNIT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
 - 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
 - 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, EXCEPT WOOD SCREWS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.
- 9- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BUILDING CODE.
- 10- WOOD BUCKS (1x or 2x) BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

DESIGNED RATING PRESSURES:
PD= + 75 PSF, -83 PSF
SMALL & LARGE MISSILE IMPACT

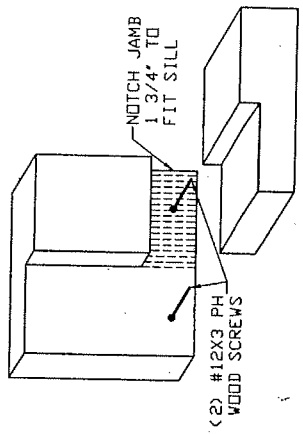
TABLE OF CONTENTS:

SHEET	DESCRIPTION
1 of 8	GENERAL NOTES & MODEL TYPES
2 of 8	MODEL F4001
3 of 8	MODEL F4002
4 of 8	MODEL F4003
5 of 8	MODEL F4004
6 of 8	GLAZING DETAILS
7 of 8	ANCHORAGE DETAILS
8 of 8	WINDOW COMPONENTS

MODEL F4001 - RECTANGULAR



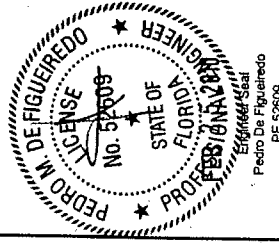
CORNER CONSTRUCTION:
BUTT JOINED WITH JAMB MEMBER
RABBETED TO 1 1/8" GLUE WAS
APPLIED TO EACH CORNER AND
JOINED WITH (2) #12X3 PHWS



MADENA
S.A.
CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES F4000
MAHOGANY FIXED
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngCo Inc.
CA 9116
6971 W. Sunrise Blvd, 104
Plantation, FL 33313
ENGCO@AOL.COM



DRAFTING:
PK DRAFTING & MORE

REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
10-037

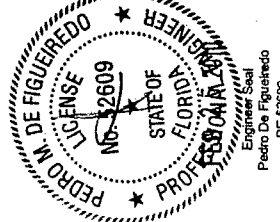
SHEET
2 of 8

MADENA
S.A.

CALLE PRINCIPAL, FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES F4000
MAHOAGANY FIXED
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngWo Inc.
CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCO@AOL.COM



DRAFTING:
PK DRAFTING & MORE

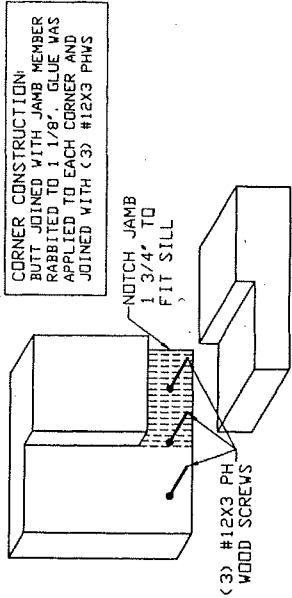
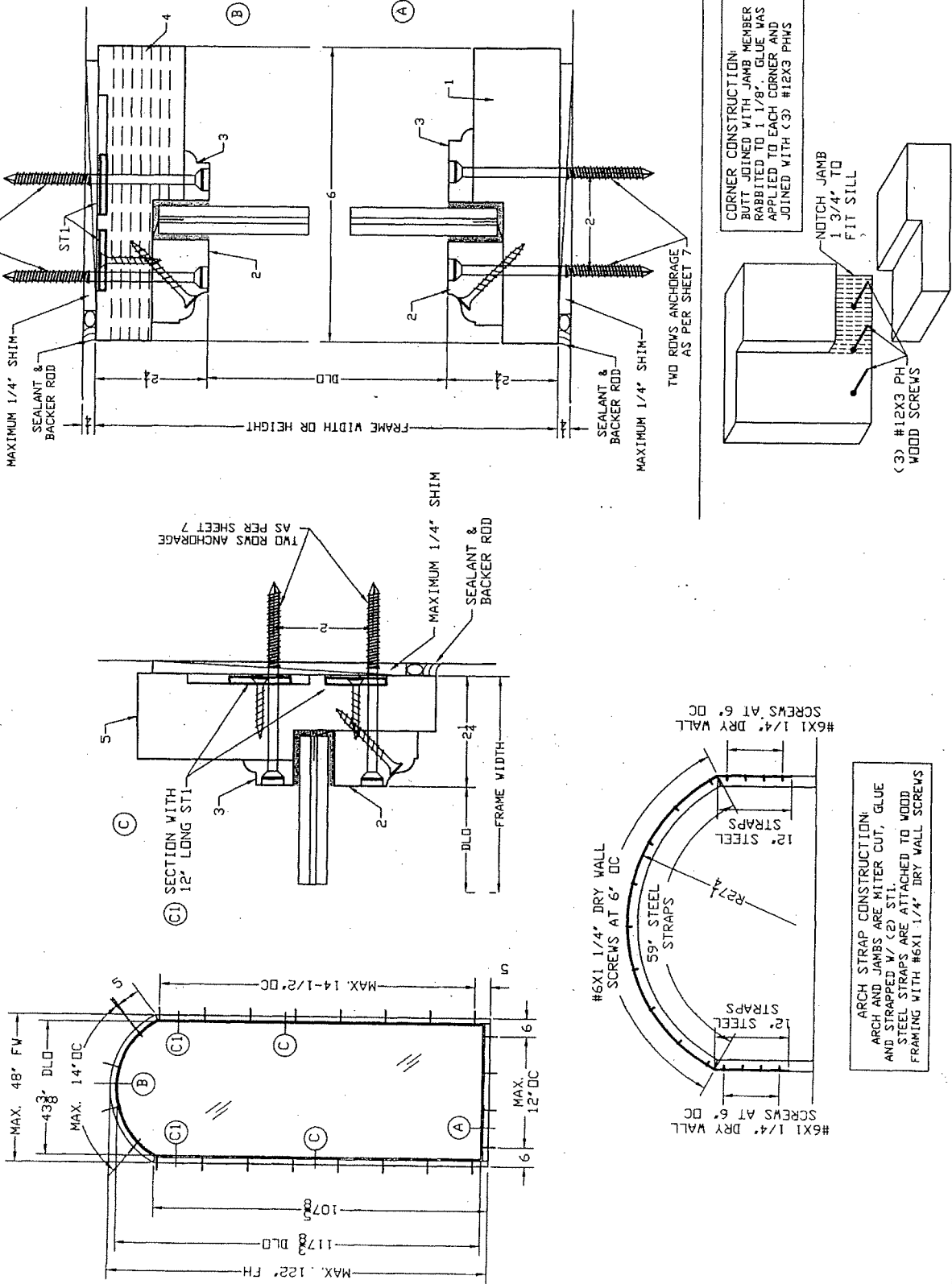
REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
10-037

SHEET
3 of 8

MODEL F4002 - ELLIPTICAL



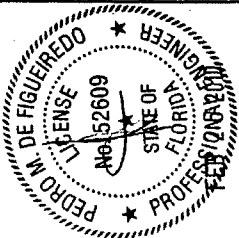
ARCH STRAP CONSTRUCTION:
ARCH AND JAMBS ARE MITER CUT, GLUE
AND STRAPPED W/ (2) STL.
STEEL STRAPS ARE ATTACHED TO WOOD
FRAMING WITH #6X1 1/4\"/>

MADENA
S.A.

CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES F4000
MAHOAGANY FIXED
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngCo Inc.
CA 8116
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCO@AOL.COM



Engineer Seal
Pedro De Figueredo
PE 52609

DRAFTING:
PK DRAFTING & MORE

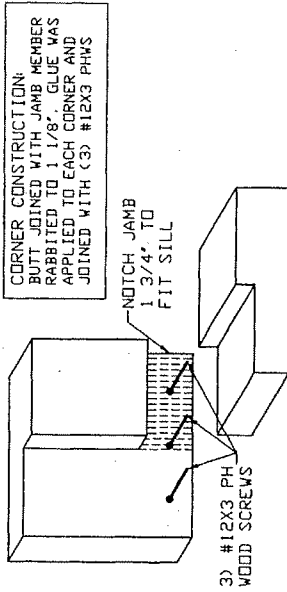
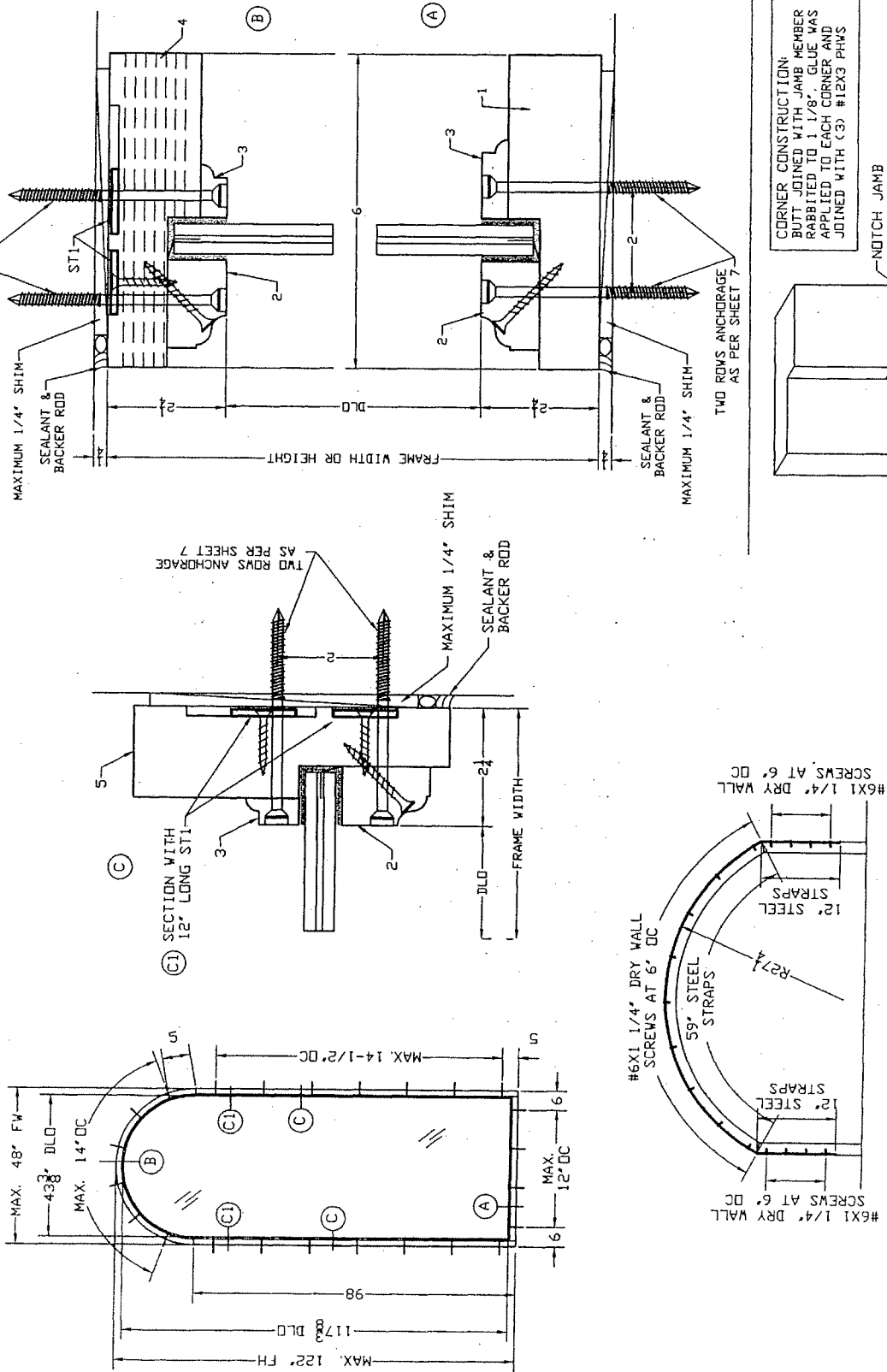
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Date: 2/19/10
Scale: NA
Design by: PPMF

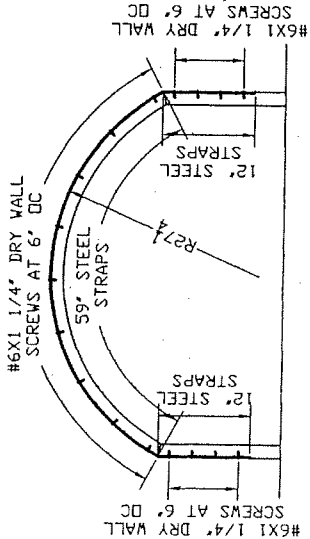
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SHEET
4 of 8

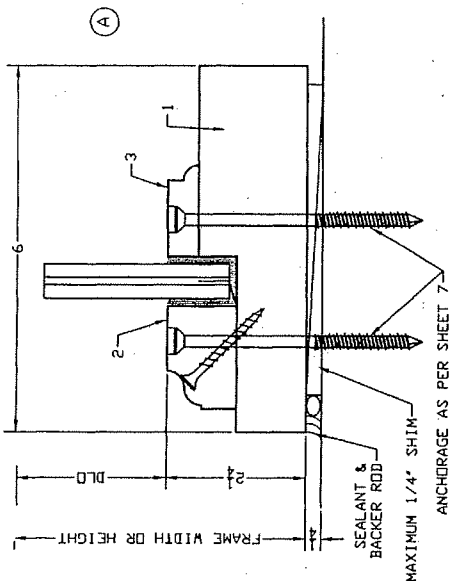
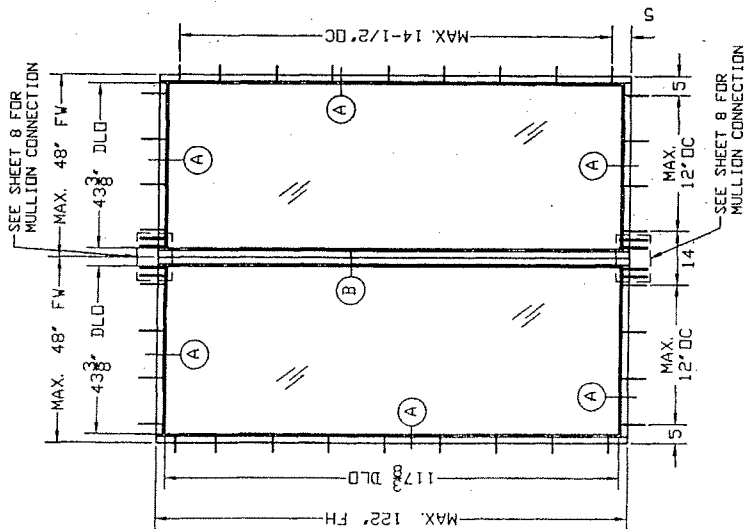
MODEL F4003 - ARCHED



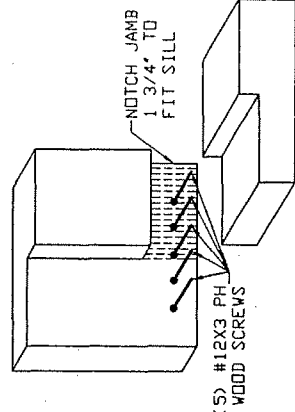
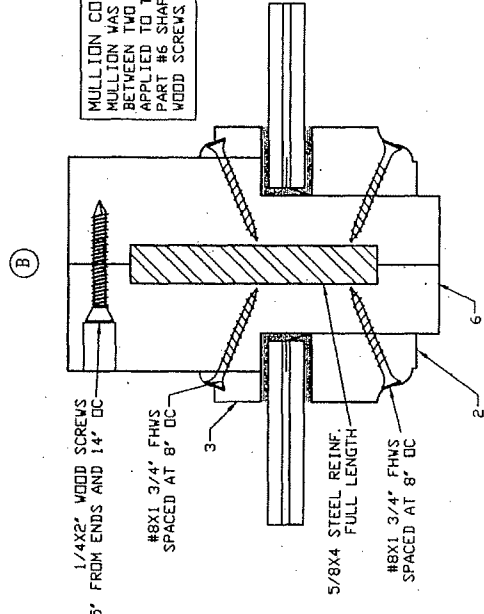
ARCH STRAP CONSTRUCTION:
ARCH AND JAMBS ARE MITER CUT, GLUE AND STRAPPED W/ (2) STI.
STEEL STRAPS ARE ATTACHED TO WOOD FRAMING WITH #6X1 1/4" DRY WALL SCREWS



MODEL F4004 - DOUBLE



MULLION CONSTRUCTION:
 MULLION WAS FORMED BY USING A 5/8X4" STEEL PLATE IN BETWEEN TWO PART #6 SHAPES. JOV 995 SILICONE TO BE APPLIED TO THE SURFACE OF EACH PART #6 RECESS. THE TWO PART #6 SHAPES WERE FURTHER JOINED BY USING 1/4X2" WOOD SCREWS STARTING AT 5" FROM ENDS AND 14" DC.



CORNER CONSTRUCTION:
 BUTT JOINED WITH JAMB MEMBER RABBETED TO 1 1/8" GLUE WAS APPLIED TO EACH CORNER AND JOINED WITH (S) #12X3 PHXS

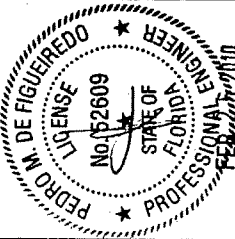
MADENA S. A. CALLE PRINCIPAL FRENTE AL CEMENTERIO, LA SABANA HONDURAS	PRODUCT: SERIES F4000 MAHOGANY FIXED IMPACT WINDOWS LARGE & SMALL MISSILE	Engineering: EngCo Inc. CA 8116 6971 W. Sunrise Blvd. 104 Plantation, FL 33313 ENGCO@AOL.COM	PEDRO DE FIGUEREDO LICENSE NO. 152609 STATE OF FLORIDA PROFESSIONAL ENGINEER FEBRUARY 1991	Engineering Seal Pedro De Figueredo PE 52609	DRAFTING: PK DRAFTING & MORE	REVISIONS:
					Date: 2/19/10 Scale: NA Design by: PPMF	Drawing Number 10-037

MADENA S.A.

CALLE PRINCIPAL FRENTE AL CEMENTERIO, LA SABANA HONDURAS

PRODUCT: **SERIES F4000**
 MAHOAGANY FIXED
 IMPACT WINDOWS
 LARGE & SMALL MISSILE

Engineering: **EngWo Inc.**
 CA-8116
 8971 W. Sunrise Blvd. 104
 Plantation, FL 33313
 ENGCO@AOL.COM



Engineer Seal
 Pedro De Figueredo
 PE 52859

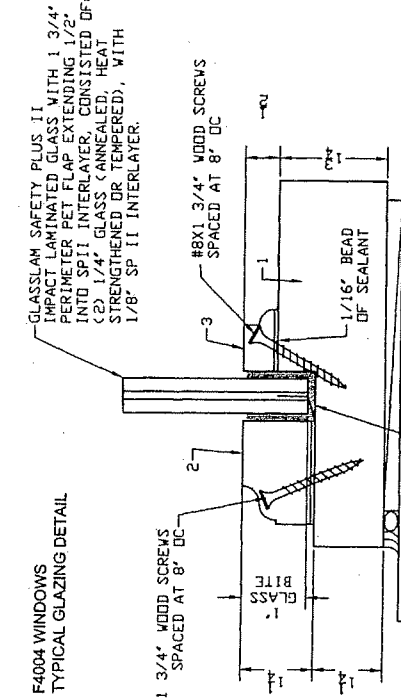
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REVISIONS:

Date: 2/19/10
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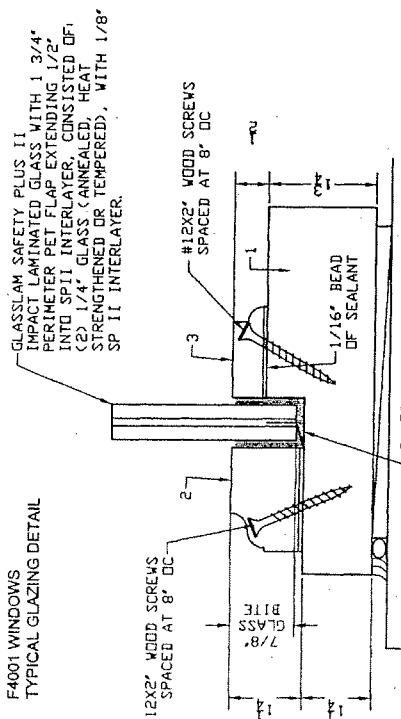
Drawing Number
10-037

SHEET
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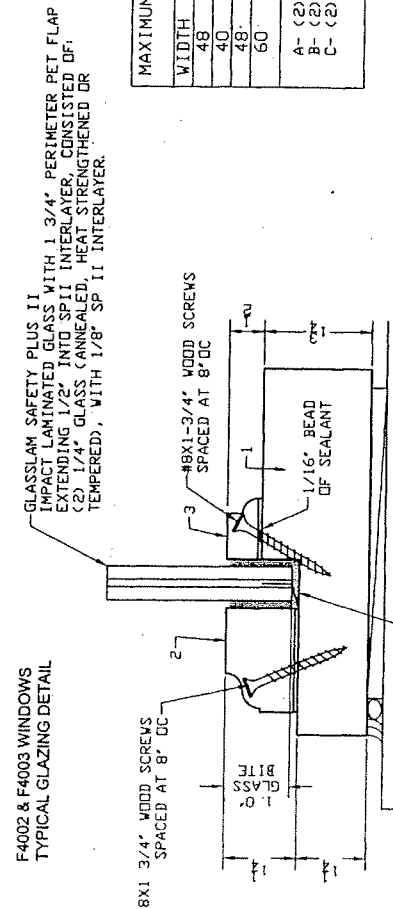
GLASSLAM SAFETY PLUS II
 IMPACT LAMINATED GLASS WITH 1 3/4"
 PERIMETER PET FLAP EXTENDING 1/2"
 INTO SP11 INTERLAYER, CONSISTED OF:
 (2) 1/4" GLASS (ANNEALED, HEAT
 STRENGTHENED OR TEMPERED), WITH
 1/8" SP II INTERLAYER.

GLAZING METHOD:
 THE GLASS WAS GLAZED WITH SILICONE BEDDING
 WHICH WAS 1 1/8" WIDE USING DOW CORNING
 995 SILICONE STRUCTURAL ADHESIVE ON GLASS
 STOP AND 3/4" UNDER THE GLAZING STOP. THE
 GLASS WAS PLACED WITH PET FILM EXTENDING
 3/4" UNDER THE GLAZING STOP.



GLASSLAM SAFETY PLUS II
 IMPACT LAMINATED GLASS WITH 1 3/4"
 PERIMETER PET FLAP EXTENDING 1/2"
 INTO SP11 INTERLAYER, CONSISTED OF:
 (2) 1/4" GLASS (ANNEALED, HEAT
 STRENGTHENED OR TEMPERED), WITH 1/8"
 SP II INTERLAYER.

GLAZING METHOD:
 THE GLASS WAS GLAZED WITH SILICONE BEDDING
 WHICH WAS 1 1/8" WIDE USING DOW CORNING
 995 SILICONE STRUCTURAL ADHESIVE ON GLASS
 STOP AND 3/4" UNDER THE GLAZING STOP. THE
 GLASS WAS PLACED WITH PET FILM EXTENDING
 3/4" UNDER THE GLAZING STOP.



GLASSLAM SAFETY PLUS II
 IMPACT LAMINATED GLASS WITH 1 3/4"
 PERIMETER PET FLAP
 EXTENDING 1/2" INTO SP11 INTERLAYER, CONSISTED OF:
 (2) 1/4" GLASS (ANNEALED, HEAT STRENGTHENED OR
 TEMPERED), WITH 1/8" SP II INTERLAYER.

GLAZING METHOD:
 THE GLASS WAS GLAZED WITH SILICONE BEDDING
 WHICH WAS 1 1/8" WIDE USING DOW CORNING
 995 SILICONE STRUCTURAL ADHESIVE ON GLASS
 STOP AND 3/4" UNDER THE GLAZING STOP. THE
 GLASS WAS PLACED WITH PET FILM EXTENDING
 3/4" UNDER THE GLAZING STOP.

MAXIMUM FW x FH	MAXIMUM GLAZING DLO		GLASS TYPE
	WIDTH	HEIGHT	
48	43 3/8	117 3/8	B & C
40	35 3/8	117 3/8	A, B & C
48	43 3/8	79 3/8	A, B & C
60	55 3/8	53 3/8	A, B & C

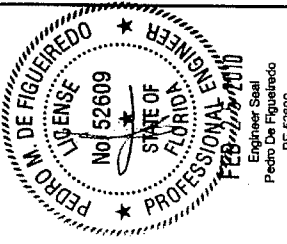
A- (2) 1/4" GLASS ANNEALED WITH 1/8" SP II INTERLAYER.
 B- (2) 1/4" GLASS HEAT STRENGTHENED WITH 1/8" SP II INTERLAYER.
 C- (2) 1/4" GLASS TEMPERED, WITH 1/8" SP II INTERLAYER.

MADENA
S.A.

CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES F4000
MAHOAGANY FIXED
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngCo Inc.
CA. 8118
6971 W. Sunrise Blvd. 104
Plantation, FL 33313
ENGCO@AOL.COM



DRAFTING:
PK DRAFTING & MORE

REVISIONS:

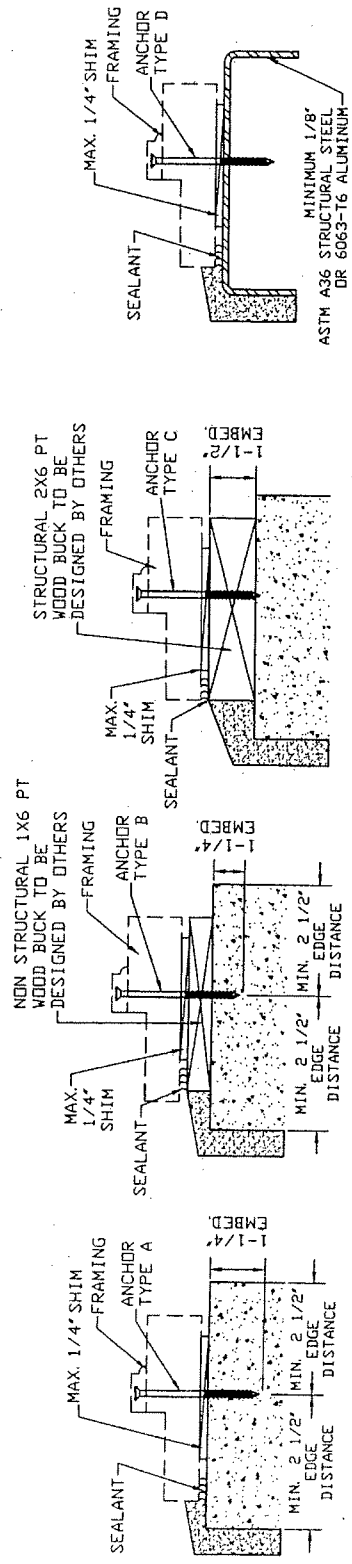
Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
10-037

SHEET
7 of 8

FRAMING ANCHORAGE

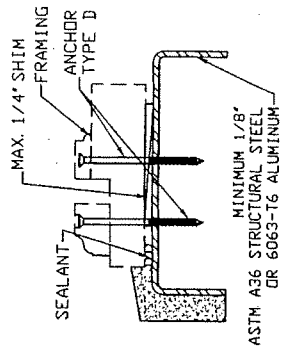
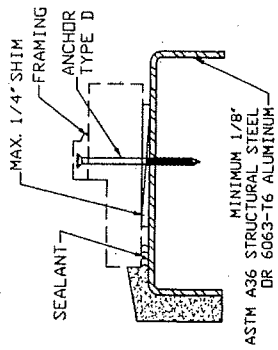
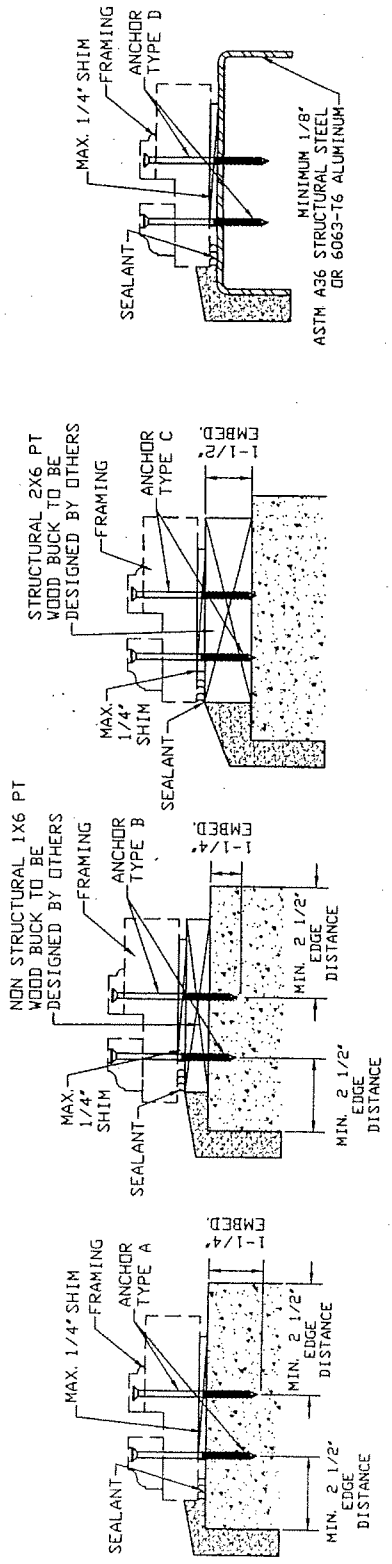
MODEL F4001



ANCHORAGE NOTES:
1- SILL, JAMB AND HEADER WITH TYPE A, B, C OR D ANCHOR OPTIONS.
2- SEE ELEVATIONS FOR WINDOW ANCHORAGE SPACING AND LAY-OUT.

ANCHOR OPTIONS:
A- 1/4" ITW TAPCON W/ MIN. 1-1/4" EMBEDMENT INTO 3000 PSI CONCRETE DR MASONRY
B- 1/4" ITW TAPCON THROUGH 1X6 PT WOOD BUCK AND WITH 1-1/4" EMBEDMENT INTO 3000 PSI CONCRETE DR MASONRY
C- 1/4" ITW TAPCON WITH 1 1/2" EMBEDMENT INTO 2X6 PT WOOD BUCK
D- 1/4"-14 GRADE 5 SELF DRILLING SCREWS INTO MIN. 1/8" METAL STRUCTURE

MODEL F4002, F4003 & F4004

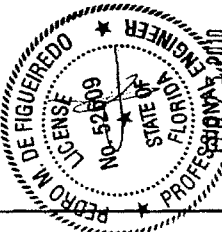


MADENA
S. A.

CALLE PRINCIPAL FRENTE AL
CEMENTERIO, LA SABANA
HONDURAS

PRODUCT:
SERIES F4000
MAHOGANY FIXED
IMPACT WINDOWS
LARGE & SMALL MISSILE

Engineering:
EngCo Int.
CA 91116
6971 W. Sunrises Blvd. 104
Plantation, Fl. 333173
ENGCO@AOL.COM



Engineer Seal
Pedro De Figueroa
PE 52609

DRAFTING:
PK DRAFTING & MORE

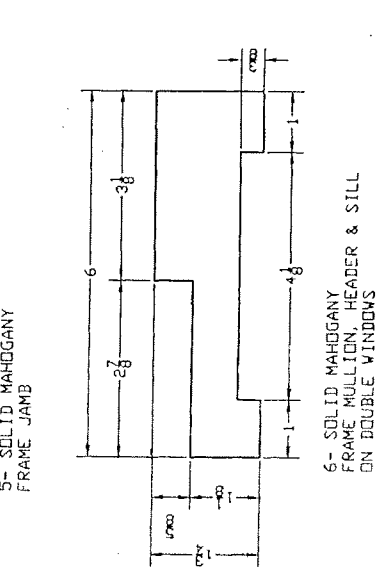
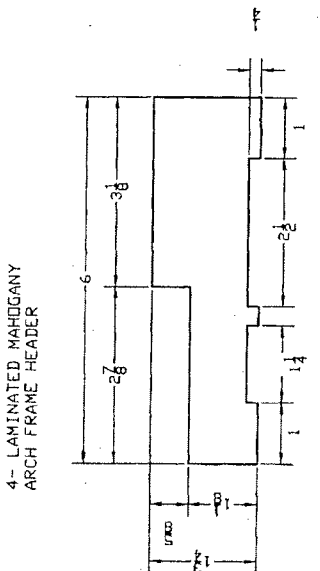
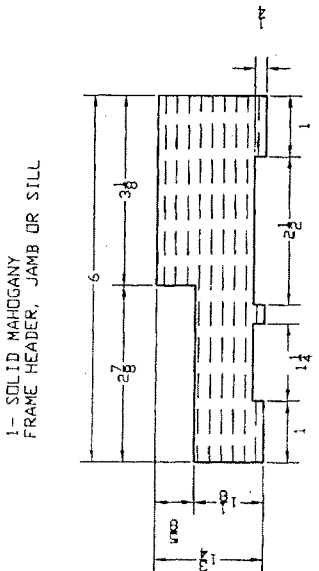
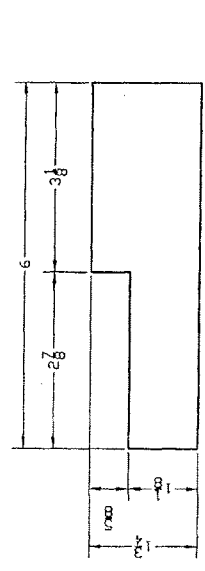
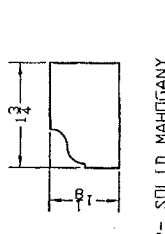
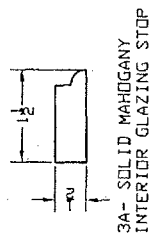
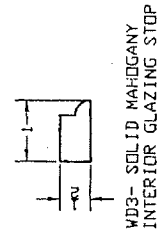
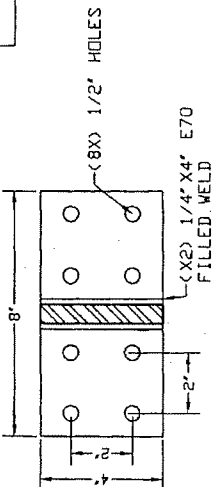
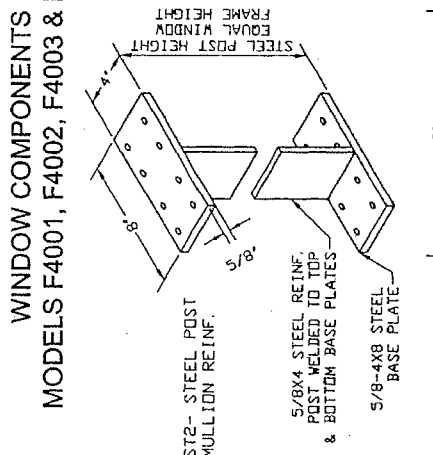
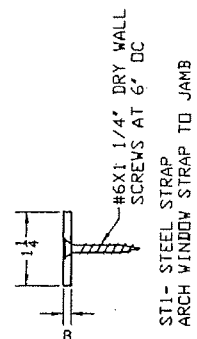
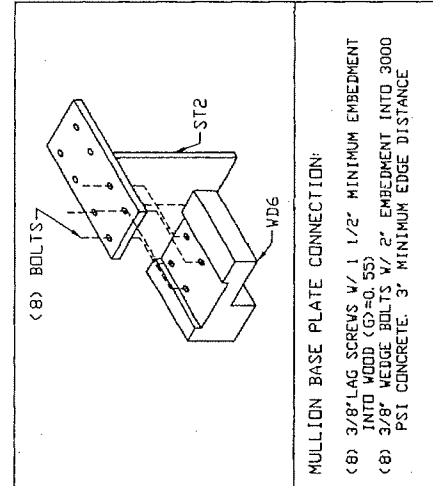
REVISIONS:

Date: 2/19/10
Scale: NA
Design by: PPMF

Drawing Number
10-037

SHEET
8 of 8

WINDOW COMPONENTS
MODELS F4001, F4002, F4003 & F4004



ITEM#	DESCRIPTION	SIZE	REMARKS
1	FRAME (HEADER, SILL & JAMB)	1.75" x 6.00"	SOLID MAHOGANY
2	EXTERIOR GLASS STOP	1.69" x 1.13"	SOLID MAHOGANY
3	INTERIOR GLASS STOP	1.00" x 0.50"	SOLID MAHOGANY
3A	ALTERNATE INT. GLASS STOP	1.50" x 0.50"	SOLID MAHOGANY
4	FRAME (ARCH & ELLIPTIC HEADER)	1.75" x 6.00"	LAMINATED MAHOGANY
5	FRAME (ARCH & ELLIPTIC JAMB)	1.75" x 6.00"	SOLID MAHOGANY
6	FRAME (MULL, HEADER & SILL)	1.75" x 6.00"	SOLID MAHOGANY
ST1	(X2) STEEL STRAP	0.13" x 1.22"	ASTM A36 STEEL
ST2	MULLION STEEL REINFORCEMENT	0.63" x 4.00"	ASTM A36 STEEL
GL1	ANNEALED IMPACT GLASS	9/16" NOMINAL	GLASSLAM SAFETY PLUS II
GL2	HS IMPACT GLASS	9/16" NOMINAL	GLASSLAM SAFETY PLUS II
GL3	TEMPERED IMPACT GLASS	9/16" NOMINAL	GLASSLAM SAFETY PLUS II



Carlos Alvarez, Mayor

Building Code Compliance Office
140 West Flagler Street, Suite 1603
Miami, Florida 33130-1563
T 305-375-2911 F 305-375-2915
miamidade.gov

April 8, 2010

Mr. Michael B. Stevens
Derrevere, Hawkes, Black, Cozad Attorneys at Law
2005 Vista Parkway
Suite 210
West Palm Beach, FL 33411

Re: Coastal Windows & Doors v Sabana Windows & Doors, Inc.
NOAs 04-0225.03, 08-0922.06, 08-0922.05, 07-0613.01 and 09-0115.02

Dear Mr. Stevens:

This letter is in reference to your correspondence of April 8, 2010 requesting to advise which documents are specifically incorporated and make up the referenced NOAs. The following information is provided.

Each of the listed NOAs contains an evidence page(s) that list the approval drawing, test report(s) and calculations used to qualify the product. All of the listed documents are contained in the respective NOA files under our custody.

If this office can be of additional assistance, please contact us accordingly.

Sincerely,

Jaime D. Gascon, P.E.
Chief
Product Control Division