MAX & RACHAEL KATZ

Owner ~~HOLLIS BUSH~~ Victor Oboler

Permit No. 2498 Cost $20,000..

Lot 16 Block 2 Subdivision MID GOLF (Hollis Bush)

Address 2464 Prairie avenue

General Contractor Owner builds

Bond No. 585

10447

3227-06-0410

Architect Lee Wade

Engineer

Zoning Regulations: Use RC Area

Lot Size 65 x 160

Building Size: Front 42'8 Depth 48'10"

Height Stories

Certificate of Occupancy No.

Use RESIDENCE

Type of Construction Frame Foundation Reinforced concrete Roof Tile Date May 9, 1928

PLUMBING Contractor John Stolpmann

14 Fixtures

Sewer Connection 1, Date May 10, 1928

Temporary Water Closet 1,

20031- Water Closets 1, Pitsch & Morgan:

Lavatories 1, Aug. 7, 1946 :

Bath Tubs

Showers 1

Urinals

Sinks

Dish Washing Machine

Laundry Trays

Laundry Washing Machines

Drinking Fountains

Floor Drains

Grease Traps

Safe Wastes

Swimming Pool Traps

Steam or Hot Water Boilers

ROUGH APPROVAL

FINAL APPROVAL

Down Spouts

Wells

AIR CONDITIONING Contractor

SEPTIC TANK Contractor

OIL BURNER Contractor

SPRINKLER Contractor

GAS Contractor #10849 People's Water & Gas Date Mar. 1, 1938

Gas Ranges -------- 1,

Gas Water Heaters

Gas Space Heaters

Gas Refrigerators

Gas Steam Tables

Gas Broilers

Gas Frylators

Gas Pressing Machine

Gas Vents for Stove

GAS Rough APPROVAL

GAS FINAL APPROVAL

ELECTRICAL Contractor E,E. Larkin Date May 29, 1928

OUTLETS: Switches; Lights 64; Receptacles

Ranges 1,

Irons

Refrigerators

Fans

Motors 1,

Appliances

Temporary Service

Neon Transformers

Sign Outlets

Meter Change

Centers of Distributions

Service

Violations

HEATERS: Water 2,; Space

FIXTURES 49 ----------Electrical Contractor# Newland Corp: Date 8/9/1928

FINAL APPROVAL

By

Date

See other side ------

2M 11/48 M. B. T.

Alterations or Repairs—Over

ALTERATIONS & ADDITIONS

Building Permits:

#19377	Painting: Day labor:	$	650.....	Nov. 20, 1944
#29899	Painting: Du-Rite Painting Co:	$	300...	May 11, 1949
#29948	Installing three steel windows: Owner	$	150.	May 18, 1949
#29963	Painting: Rudolph Zeni, painter:	$	300....	May 18, 1949
#35746	Repair garage - Owner, day labor	$	300....	May 3, 1951

#57960 Owner: For Rent Sign - $5.00 - Nov. 25, 1958

#65013 Appliance Consumer Service Co., Inc.: 1 - 1 h.p. window unit air conditioner - $200. - June 1, 1961

#627 #1083 - Dewey Hawkins - type 10447 - Air cond wind 1-2 HP 4/29/70

#86383 - Biscayne Roofing Co. - reroof $1,900.00 3/30/71

00968-Levy Gray Roofing Co.-Tear off 90 pound slate roof on garage roof apt. in the rear, install 30-2-15 and paint aluiume-$360-5-2-72

#17412-Fla.State Constructors-Painting-$2000-1-23-80

Plumbing Permits: L.R. Partial Rough -7/13/51

31945 Economy Plumbing: 1 water closet, 1 lavatory, 1 shower, 1 laundry tray- July 6, 1951

#43390 Morgen Plumbing Co.: 1 shower - 7/11/62

Electrical Permits: # 28787 Astor Electric: 8 Receptacles, 1 Center of distribution, May 12, 1949

#52822 Astor Elec: 2 centers of distribution, 1 service equipment - Oct. 14, 1958 OK 10/27/58 Newbold

#62705 Astor Elec. Service, Inc.: 1 center of dist. - 9/16/65

LOT: 16 BLOCK: 2 10447 SUBDIVISION: Mid Golf ADDRESS: 2464 Prairie Ave

ALTERATIONS & ADDITIONS

BUILDING PERMITS #MO8257 7/21/86 nelson Air - 1-75 kw central heat, 1-3 ton air cond central, duct work

#29439 11/17/86 Walter Scott Roof - reroof 2 sqs SFBC 3403.2 $1,200.
#30305 - 5-12-87 - Edward G. Earnest Inc. - Repair damage to walls - $1,500.00

PLUMBING PERMITS

ELECTRICAL PERMITS #81228 7/22/86 Gamma Elec - 1-150 amp service size, 3 ton air cond, 5 kw strip heater

#81964 - Ocean Electric Co. - Temporary for fire job - 5-5-87
#81997 - Cling Electric - 1 Repair - 5-15-87

COASTAL CONTROL ZONE

CUMULATIVE COST OF CONSTRUCTION OF PERMITS ISSUED

DATE ISSUED	PROCESS NO.	DESCRIPTION OF WORK	WORK COST	CUMULATIVE WORK COST	APPRAISED BLDG. VALUE BEFORE REMODEL	%	COMMENTS	BUILDING PERMIT NO.
7-1-88		CBS storage room + PORCH addition	$12,100.00					B8801102

BUILDING PERMITS: #M8801095 - Safeco Air Conditioning - 10kw Central heating, 2.5tons A/C central, duct work only- 6-24-88

#B881102 - 7-1-88 - Nova Construction - CBS storage room and porch addition - $12,100.00

ELECTRICAL PERMITS: #E8801052 - Penny Electrical - 40 Receptacles, 2 appliance outlets, 1 range top, 1 water heater, 21/2ton A/C, 5kw strip heater - 6-14-88

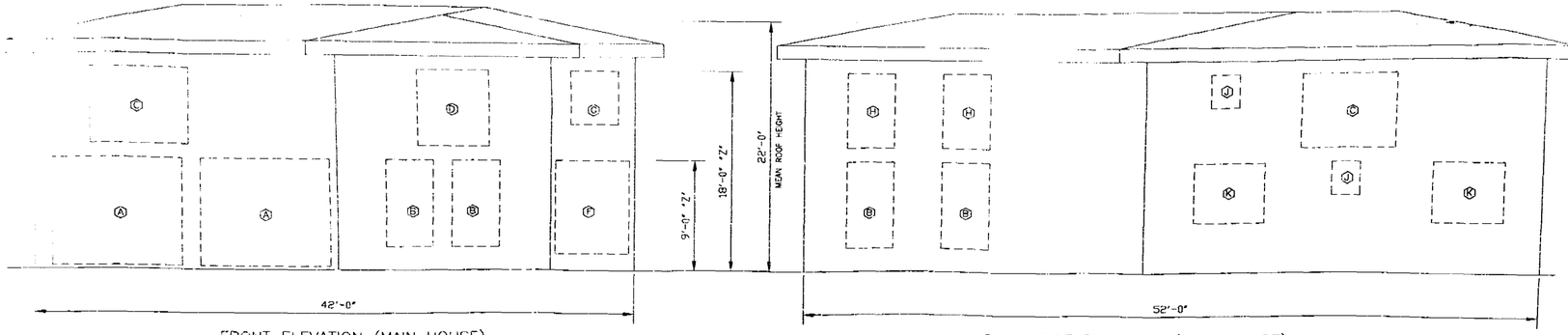
#E8800029 - Curtis Electric - 4 Switch outlets, 4 light outlets, 6 receptacles, 4 fixtures - 10-6-88

PLUMBING PERMITS: #P8800045 - Coastal Plumbing Co. of Miami - 1 Heater-replace - 10-19-88

LASON
The Information Management Company

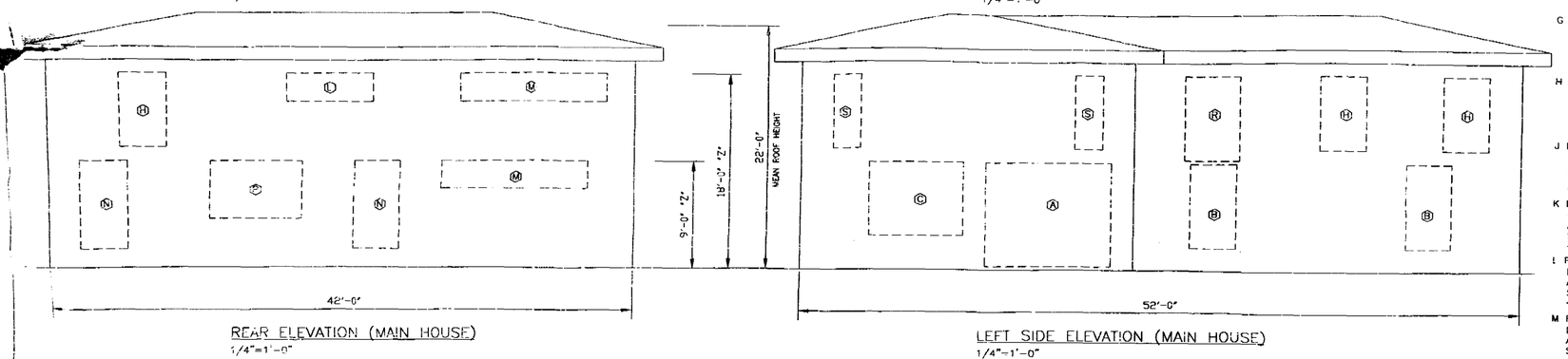
PERMIT #
B0000054

ASCOMA



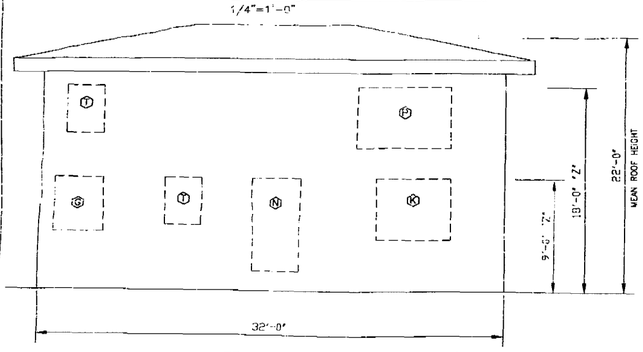
FRONT ELEVATION (MAIN HOUSE)
1/4"=1'-0"

RIGHT SIDE ELEVATION (MAIN HOUSE)
1/4"=1'-0"

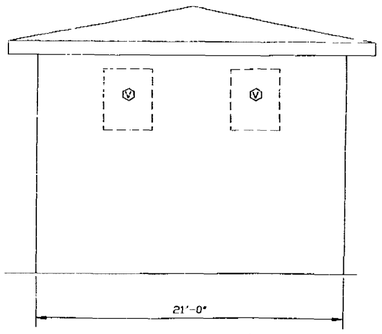


REAR ELEVATION (MAIN HOUSE)
1/4"=1'-0"

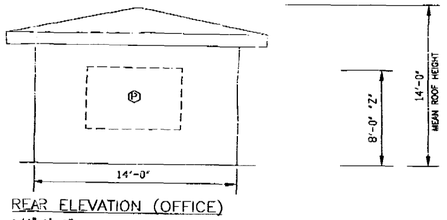
LEFT SIDE ELEVATION (MAIN HOUSE)
1/4"=1'-0"



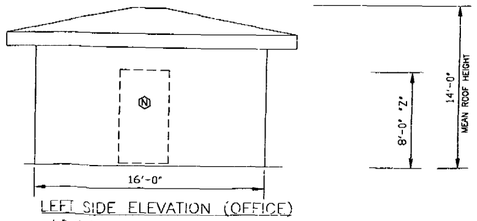
FRONT ELEVATION (COTTAGE)
1/4"=1'-0"



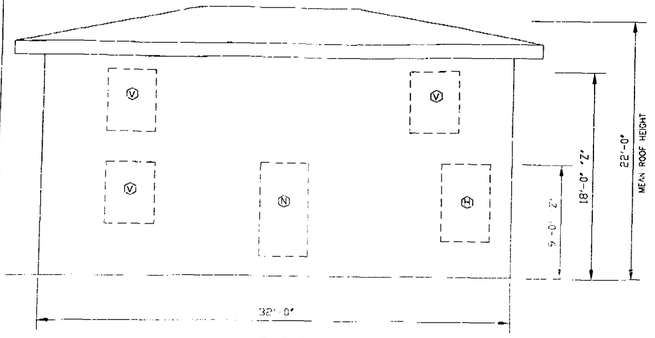
RIGHT SIDE ELEVATION (COTTAGE)
1/4"=1'-0"



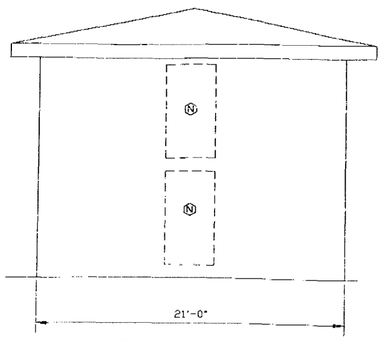
REAR ELEVATION (OFFICE)
1/4"=1'-0"



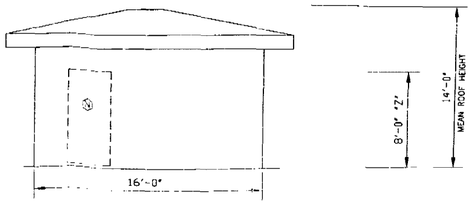
LEFT SIDE ELEVATION (OFFICE)
1/4"=1'-0"



REAR ELEVATION (COTTAGE)
1/4"=1'-0"



LEFT SIDE ELEVATION (COTTAGE)
1/4"=1'-0"



RIGHT SIDE ELEVATION (OFFICE)
1/4"=1'-0"

SHUTTER SCHEDULE

A Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 108" x 96" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +44.2 PSF, -54.8 PSF
+50.0 > + 44.2 , -70.0 > -54.8

B Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 40" x 78" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +48.0 PSF, -63.4 PSF
+50.0 > + 48.0 , -70.0 > -63.4

C Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 80" x 68" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +46.2 PSF, -59.3 PSF
+50.0 > + 46.2 , -70.0 > -59.3

D Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 60" x 68" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +47.1 PSF -61.4 PSF
+50.0 > + 47.1 , -70.0 > -61.4

F Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 62" x 84" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +46.3 PSF, -59.6 PSF
+50.0 > + 46.3 , -70.0 > -59.6

G Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 40" x 48" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +49.5 PSF, -66.7 PSF
+50.0 > + 49.5 , -70.0 > -66.7

H Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 40" x 68" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +48.4 PSF, -64.2 PSF
+50.0 > + 48.4 , -70.0 > -64.2

J Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 24" x 30" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +60.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +50.3 PSF, -58.7 PSF
+60.0 > + 50.3 , -73.0 > -68.7

K Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 60" x 54" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +47.8 PSF, -63.0 PSF
+50.0 > + 47.8 , -70.0 > -63.0

L Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 74" x 26" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +49.4 PSF, -66.6 PSF
+50.0 > + 49.4 , -70.0 > -66.6

M Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 128" x 26" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +47.7 PSF, -62.8 PSF
+50.0 > + 47.7 , -70.0 > -62.8

N Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 40" x 82" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +47.8 PSF, -62.9 PSF
+50.0 > + 47.8 , -70.0 > -62.9

P Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 78" x 54" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +47.0 PSF, -61.1 PSF
+50.0 > + 47.0 , -70.0 > -61.1

R Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 48" x 96" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +46.7 PSF, -60.5 PSF
+50.0 > + 46.7 , -70.0 > -60.5

S Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 24" x 68" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +50.0 PSF, -67.8 PSF
+50.0 = + 50.0 , -70.0 > -67.8

T Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 30" x 42" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +60.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +50.3 PSF, -68.7 PSF
+60.0 > + 50.3 , -70.0 > -68.7

V Florida Storm Panel, ***20 ga. Galvanized Steel Storm Panel*** 40" x 54" high opening
Dade County Product Approval # 99-0105.03 Expires 1/4/00
Approved Wind Pressure = +50.0 PSF, -70.00 PSF **(8'-5" Span No-Bars)**
Site Specific Pressure = +49.1 PSF, -65.8 PSF
+50.0 > + 49.1 , -70.0 > -65.8

OFFICE COPY
CITY OF MIAMI BEACH
BY

MAHER RESIDENCE
2464 Prairie Avenue
Miami Beach, Florida
SHUTTER INSTALLATION
GENERAL NOTES

B00338

9/5/99 ISSUED FOR PERMIT
REVISIONS
ELEVATION

JENETOPULOS GROUP
ARCHITECTURE TOWN PLANNING
Florida Registered Architect # 14185
[illegible] S.W. 105 Terrace
Miami, FL 33156-3841
Tel: 663-2991

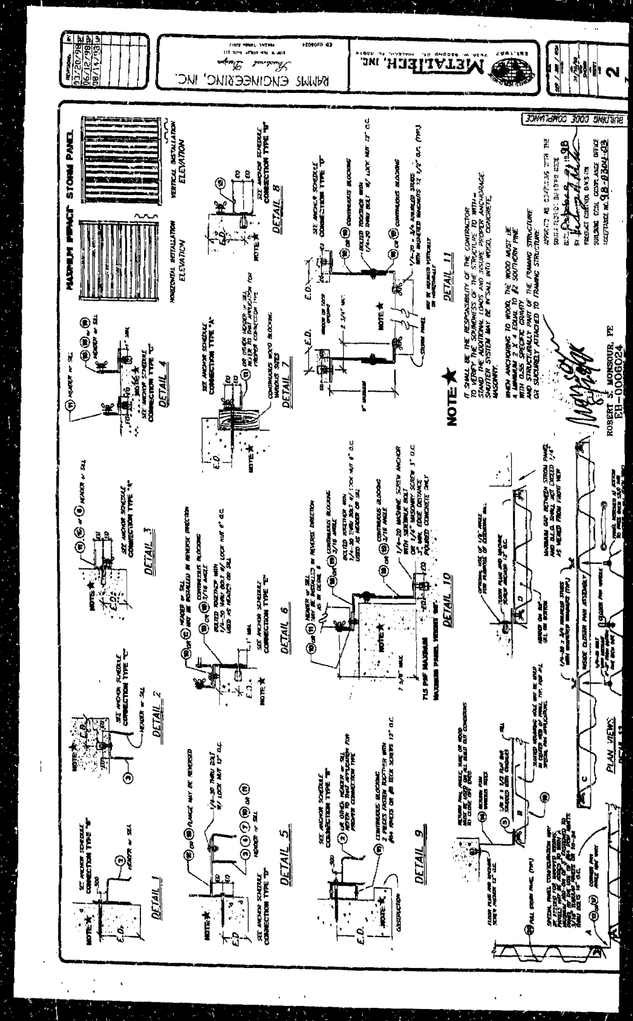
CMJ
1/4"=1'-0"
9/5/99
A-1.

B00000054

2464 Prairie Ave.

B00000054

88838



MAXIMUM IMPACT STORM PANEL

24 GAUGE "MAXIMUM IMPACT" STEEL STORM PANEL

ANCHOR SCHEDULE

ANCHOR SPACING vs DESIGN PRESSURE AND CONNECTION TYPE			UP TO 59.5 PSF										UP TO 71.5 PSF									
			POURED CONCRETE OR CONCRETE FILLED BLOCK					CONCRETE BLOCK					POURED CONCRETE OR CONCRETE FILLED BLOCK					CONCRETE BLOCK				
			CONNECTION TYPE					CONNECTION TYPE					CONNECTION TYPE					CONNECTION TYPE				
ANCHOR TYPE	PANEL	E.D.	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
1/4" RAMM, LOKBOLT (SLEEVE ANCHOR) 1 1/8" MIN. EMBEDMENT	68" SPAN	2"	16	13	11	13	13	16	13	13	13	13	16	13	9	13	13	16	13	11	13	13
		3"	16	13	9	13	13	16	13	8	13	12	16	13	7	13	13	16	13	9	13	12
		1 1/4"	16	13	8	13	13	16	13	7	13	11	16	13	6	13	13	16	13	8	13	11
	88" SPAN	2"	16	13	9	13	13	16	13	10	13	13	16	13	8	13	13	16	13	9	13	13
		3"	16	13	7	13	13	16	13	9	13	13	15	13	6	13	13	15	13	7	13	13
		1 1/4"	16	13	5	13	13	16	13	8	13	13	14	13	5	13	13	14	13	6	13	13
	105" span	2"	16	9	7	12	13	16	9	7	11	12	14	5	5	8	12	14	6	8	11	12
		3"	16	6	6	11	12	16	8	6	10	12	13	4	4	8	12	13	4	8	10	12
		1 1/4"	15	7	5	10	11	15	7	5	10	11										
	124" span	2"	15	5	6	7	8	15	5	6	7	8										
		3"	14	5	3	6	6	14	5	3	6	6										
		1 1/4"	12	4	4	6	5	12	4	4	6	5										
1/4" RAMM, ZAMAC NAILIN DRIVE (HAMMER DRIVE) 1 3/8" MIN. EMBEDMENT IN CONCRETE 1 1/4" MIN. EMBEDMENT IN BLOCK	68" SPAN	2"	16	13	10	13	13	16	13	8	13	13	16	13	7	13	13	16	13	8	13	13
		3"	16	13	8	13	13	16	13	7	13	13	16	13	6	13	13	16	13	7	13	13
		1 1/4"	16	13	6	13	13	16	13	6	13	12	16	13	5	13	13	16	13	6	12	12
	88" SPAN	2"	16	12	6	13	13	16	12	9	13	12	15	12	5	13	13	15	12	5	7	9
		3"	16	11	5	13	13	16	11	8	13	11	13	11	5	7	8	13	11	5	7	8
		1 1/4"	14	11	5	13	13	14	11	5	7	8	11	11	4	5	7	11	11	4	6	7
	105" span	2"	13	6	5	8	9	13	6	4	6	7	10	4	4	5	8	10	4	4	5	6
		3"	12	6	4	8	9	12	5	3	4	4	3	3	3	4	6	3	3	3	4	5
		1 1/4"	11	4	4	5	4	9	3	3	4	3										
	124" span	2"	11	4	4	5	4	9	3	3	4	3										
		3"	10	4	3	4	3	8	3	3	3	3										
		1 1/4"	9	3	3	4	3	7	3	3	3	3										
VARIOUS HEAD TYPES (MASONRY SCREWS) 1/4" DIAM. POSMA-SEAL TAPPER 1/4" ELCO PANEL MATES 1 1/2" MIN. EMBEDMENT IN CONCRETE 1 1/4" MIN. EMBEDMENT IN BLOCK	68" SPAN	2"	16	13	13	13	16	13	9	13	13	16	13	13	13	13	16	16	13	13	15	16
		3"	16	13	10	13	16	13	8	13	13	16	16	12	13	13	15	16	12	13	14	14
		1 1/4"	16	13	9	13	16	13	7	13	13	16	15	11	13	13	14	15	11	13	13	13
	88" SPAN	2"	16	13	12	13	16	13	10	13	13	16	16	13	11	13	13	16	13	12	13	13
		3"	16	13	10	13	16	13	9	13	13	16	16	13	10	13	13	16	13	11	13	13
		1 1/4"	16	13	9	13	16	13	8	13	13	16	16	13	9	13	13	16	13	10	13	13
	105" span	2"	16	13	11	13	16	13	11	13	13	16	16	13	10	13	13	16	13	11	13	13
		3"	16	13	10	13	16	13	10	13	13	16	16	13	9	13	13	16	13	10	13	13
		1 1/4"	16	13	9	13	16	13	9	13	13	16	16	13	8	13	13	16	13	9	13	13
	124" span	2"	16	13	11	13	16	13	11	13	13	16	16	13	11	13	13	16	13	11	13	13
		3"	16	13	10	13	16	13	10	13	13	16	16	13	10	13	13	16	13	10	13	13
		1 1/4"	16	13	9	13	16	13	9	13	13	16	16	13	9	13	13	16	13	9	13	13
M4.20 x 7/8", 1/2" DIA. RAMM, CAMLIN (MACHINE SCREW ANCHOR) 7/8" MIN. EMBEDMENT	68" SPAN	2.5"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3.5"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
	88" SPAN	2.5"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3.5"	16	13	11	13	16	13	11	13	13	16	16	13	11	13	16	16	13	11	13	16
	105" span	2.5"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3.5"	16	13	11	13	16	13	11	13	13	16	16	13	11	13	16	16	13	11	13	16
	124" span	2.5"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3"	16	13	13	13	16	13	13	13	13	16	16	13	13	13	16	16	13	13	13	16
		3.5"	16	13	11	13	16	13	11	13	13	16	16	13	11	13	16	16	13	11	13	16

ANCHOR SPACING vs DESIGN PRESSURE AND CONNECTION TYPE			UP TO 81.5 PSF										UP TO 91.4 PSF									
			POURED CONCRETE OR CONCRETE FILLED BLOCK					CONCRETE BLOCK					POURED CONCRETE OR CONCRETE FILLED BLOCK					CONCRETE BLOCK				
			CONNECTION TYPE					CONNECTION TYPE					CONNECTION TYPE					CONNECTION TYPE				
ANCHOR TYPE	PANEL	E.D.	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
1/4" RAMM, LOKBOLT (SLEEVE ANCHOR) 1 1/8" MIN. EMBEDMENT	68" SPAN	2"	16	13	9	13	13	16	12	7	13	13	16	9	6	12	13	16	8	7	11	13
		3"	16	12	8	13	13	16	11	6	13	13	16	8	5	11	13	16	7	6	10	13
		1 1/4"	16	11	8	13	13	16	10	6	13	13	16	7	5	10	13	16	6	6	9	13
	88" SPAN	2"	16	9	6	13	13	16	8	7	11	13	14	5	5	5	9	14	5	5	5	9
		3"	16	8	6	11	13	16	7	6	10	13	13	4	4	5	8	13	4	4	5	8
		1 1/4"	15	7	6	10	12	15	7	5	9	12	12	4	4	5	8	12	4	4	5	8
	105" span	2"	15	7	7	13	13	15	6	5	9	11	12	5	5	7	9					
		3"	15	10	8	13	13	10	6	4	9	10	12	4	4	6	9					
		1 1/4"	13	5	6	13	13	9	5	4	8	9	10	4	4	5	8					
	124" span	2"	13	5	6	7	8	13	5	4	6	7	10	3	4	4	8					
		3"	12	4	5	6	7	10	4	4	5	6	8	3	3	4	7					
		1 1/4"	10	4	4	5	6	8	3	3	4	5	7	3	3	4	6					
1/4" RAMM, ZAMAC NAILIN DRIVE (HAMMER DRIVE) 1 3/8" MIN. EMBEDMENT IN CONCRETE 1 1/4" MIN. EMBEDMENT IN BLOCK	68" SPAN	2"	15	11	7	13	13	8	6	12	11		15	7	7	10	12	11	5	5	7	9
		3"	15	10	8	13	13	10	6	5	9	10	13	6	5	9	10	10	5	4	7	8
		1 1/4"	14	9	5	13	13	10	6	4	9	10	12	6	4	8	9	9	4	4	6	7
	88" SPAN	2"	13	5	6	7	8	10	3	4	4	4	12	4	4	5	8	10	3	4	5	8
		3"	13	5	5	9	8	9	3	4	4	4	10	3	4	5	8	9	3	4	5	8
		1 1/4"	12	4	5	9	8	9	3	4	4	4	10	3	4	5	8	9	3	4	5	8
	105" span	2"	10	4	4	6	7	8	3	3	4	4										
		3"	10	4	4	6	7	8	3	3	4	4										
		1 1/4"	10	4	4	6	7	8	3	3	4	4										
	124" span	2"	10	4	4	6	7	8	3	3	4	4										
		3"	10	4	4	6	7	8	3	3	4	4										
		1 1/4"	10	4	4	6	7	8	3	3	4	4										
VARIOUS HEAD TYPES (MASONRY SCREWS) 1/4" DIAM. POSMA-SEAL TAPPER 1/4" ELCO PANEL MATES 1 1/2" MIN. EMBEDMENT IN CONCRETE 1 1/4" MIN. EMBEDMENT IN BLOCK	68" SPAN	2"	16	13	11	13	13	15	10	7	13	13	16	11	10	16	12	16	9	8	9	11
		3"	16	13	9	13	14	14	9	6	13	13	16	10	9	14	10	16	8	8	8	10
		1 1/4"	16	13	7	13	13	12	8	5	13	13	16	9	7	12	10	16	7	8	8	9
	88" SPAN	2"	16	13	10	13	13	9	5	4	6	8	16	6	6	8	9	16	5	6	7	8
		3"	16	12	8	13	13	8	5	4	6	8	16	5	6	8	9	16	5	6	7	8
		1 1/4"	15	11	7	13	13	8	5	4	6	8	16	5	6	8	9	16	5	6	7	8
	105" span	2"	15	11	10	13	13	7	4	3	5	6	16	4	5	7	8	16	4	5	6	7
		3"	15	11	9	13	13	7	4	3	5	6	16	4	5	7	8	16	4	5	6	7
		1 1/4"	15	11	8	13	13	7	4	3	5	6	16	4	5	7	8	16	4	5	6	7
	124" span	2"	15	11	11	13	13	7	4	3	5	6	16	4	5	7	8	16	4	5	6	7
		3"	15	11	10	13	13	7	4	3	5	6	16	4	5	7	8	16	4	5	6	7
		1 1/4"	15	11	9	13	13	7	4	3	5	6	16	4	5	7	8	16	4	5	6	7
M4.20 x 7/8", 1/2" DIA. RAMM, CAMLIN (MACHINE SCREW ANCHOR) 7/8" MIN. EMBEDMENT	68" SPAN	2.5"	16	13	11	13	16	13	8	13	13	16	16	13	11	13	16	16	13	11	13	16
		3"	16	13	10	13	16	13	8	13	13	16	16	13	10	13	16	16	13	10	13	16
		3.5"	16	13	9	13	16	13	8	13	13	16	16	13	9	13	16	16	13	9	13	16
	88" SPAN	2.5"	16	13	11	13	16	13	8	13	13	16	16	13	11	13	16	16	13	11	13	16
		3"	16	13	10	13	16	13	8	13	13	16	16	13	10	13	16	16	13	10	13	16
		3.5"	16	13	9	13	16	13	8	13	13	16	16	13	9	13	16	16	13	9	13	16
	105" span	2.5"	16	13	11	13	16	13	11	13	13	16	16	13	11	13	16	16	13	11	13	16
		3"	16	13	10	13	16	13	11	13	13	16	16	13	10	13	16	16	13	10	13	16
		3.5"	16	13	9	13	16	13	11	13	13	16	16	13	9	13	16	16	13	9	13	16
	124" span	2.5"	16	13	11	13	16	13	11	13	13	16	16	13	11	13	16	16	13	11	13	16
		3"	16	13	10	13	16	13	11	13	13	16	16	13	10	13	16	16	13	10	13	16
		3.5"	16	13	9	13	16	13	11	13	13	16	16	13	9	13	16	16	13	9	13	16

NOTES:

SPANS AND LOADS SHOWN IN THIS SCHEDULE ARE FOR DETERMINING ANCHOR SPACING ONLY. FOR ALLOWABLE SPANS VS. DESIGN LOADS REFER TO SHEET 4.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO AND/OR WALL FINISHES.

SHADED AREAS REPRESENT ANCHOR CONDITIONS THAT ARE NOT ACCEPTABLE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE TO WITH STAND THE ADDITIONAL LOADS AND INSURE PROPER ANCHORAGE. SHUTTER SYSTEM MAY BE INTSALL INTO WOOD, CONCRETE OR MASONRY.

ROBERT S. MONSOUR, PE
EB-0006024

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE October 01, 19 98
BY [signature]
PRODUCT CONTROL EXAMINER
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0301.03

REVISIONS	BY
03/20/98	SP
06/12/98	SP
08/14/98	SP

RAMMS ENGINEERING, INC.
Richard Ramm
FLORIDA REG. NO. 52211
EB 0006024

METALTECH, INC.
7330 W. SECOND CT. HIALEAH, FL. 33014
CERT. NO. 7

BUILDING CODE COMPLIANCE

5

6

7

D000341

ANCHOR SCHEDULE

WOOD APPLICATIONS			UP TO 59.5 PSF					UP TO 71.5 PSF					UP TO 81.5 PSF					UP TO 91.4 PSF				
			CONNECTION TYPE					CONNECTION TYPE					CONNECTION TYPE					CONNECTION TYPE				
ANCHOR TYPE	DIA.	SPAN	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
BRASS WOOD RESHING 1" MIN. PENETRATION	1/4-20	68" SPAN	14	13	5	13	13	12	12	5	12	12	10	7	4	10	10	9	4	4	6	7
		88" SPAN	11	8	4	11	11	9	4	3	6	7	8	3	3	4	3	7	3	3	4	3
		105" SPAN	9	4	4	8	7	8	3	3	4	3										
		124" SPAN	8	3	3	4	3															
WOOD LAGS 1" MINIMUM THREAD PENETRATION	1/4"	68" SPAN	16	13	8	13	13	15	13	6	13	13	14	9	6	13	13	12	8	5	8	9
		88" SPAN	14	11	6	13	13	12	6	5	8	9	12	6	5	8	9	9	3	4	4	3
		105" SPAN	12	6	5	8	8	10	4	4	5	4	10	4	4	5	4					
		124" SPAN	10	4	3	5	4															
WOOD LAGS 1" MINIMUM THREAD PENETRATION	5/16"	68" SPAN	16	13	10	13	13	13	13	8	13	13	16	10	7	13	13	14	7	6	9	11
		88" SPAN	16	13	7	13	13	14	7	6	9	10	14	7	6	9	10	11	4	5	5	8
		105" SPAN	14	7	6	9	10	12	5	5	6	8	12	5	5	6	8	10	4	4	5	6
		124" SPAN	12	4	5	6	4															
WOOD LAGS 1" MINIMUM THREAD PENETRATION	3/8"	68" SPAN	16	13	11	13	13	16	13	9	13	13	16	12	8	13	13	16	8	7	11	13
		88" SPAN	16	13	9	13	13	14	9	7	10	12	14	9	7	10	12	13	4	6	5	4
		105" SPAN	16	8	7	11	12	12	6	6	8	10	12	6	6	8	10					
		124" SPAN	13	5	6	8	5															
WOOD LAGS 1" MINIMUM THREAD PENETRATION	7/16	68" SPAN	16	13	12	13	13	16	13	10	13	13	16	13	9	13	13	16	9	8	12	13
		88" SPAN	16	13	9	13	13	16	13	8	13	13	16	8	7	12	13	14	5	6	8	4
		105" SPAN	16	9	8	12	13	15	7	7	9	11	15	7	7	9	11					
		124" SPAN	15	5	7	7	6															
1/4" ELCO PANEL MATES 1 7/8" MIN. THREAD PENETRATION	1/4"	68" SPAN	16	13	8	13	13	15	13	6	13	13	14	9	6	13	13	12	8	5	8	9
		88" SPAN	14	11	6	13	13	12	6	5	8	9	12	6	5	8	9	9	3	4	4	3
		105" SPAN	12	6	5	8	9	10	4	4	5	4	10	4	4	5	4					
		124" SPAN	10	4	3	5	4															
1/4" ELCO PANEL MATES 1 7/8" MIN. THREAD PENETRATION	1/4"	68" SPAN	16	13	8	13	13	15	13	6	13	13	14	9	6	13	13	12	8	5	8	9
		88" SPAN	14	11	6	13	13	12	6	5	8	9	12	6	5	8	9	9	3	4	4	3
		105" SPAN	12	6	5	8	9	10	4	4	5	4	10	4	4	5	4					
		124" SPAN	10	4	3	5	4															

NOTES:

SPANS AND LOADS SHOWN IN THIS SCHEDULE ARE FOR DETERMINING ANCHOR SPACING ONLY. FOR ALLOWABLE SPANS VS. DESIGN LOADS REFER TO SHEET 4.

WHEN ANCHORING TO WOOD, THE WOOD MUST BE A MINIMUM 2 X 4 EQUAL TO #2 SOUTHERN PINE 0.55 SPECIFIC GRAVITY AND STRUCTURALLY PART OF THE FRAMING STRUCTURE OR SUCURELY ATTACHED TO FRAMING STRUCTURE

SHADED AREAS REPRESENT ANCHOR CONDITIONS THAT ARE NOT ACCEPTABLE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE TO WITH STAND THE ADDITIONAL LOADS AND INSURE PROPER ANCHORAGE. SHUTTER SYSTEM MAY BE INTSALL INTO WOOD, CONCRETE OR MASONRY.

ROBERT S. MONSOUR, PE
EB-0006024

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE October 01, 19 98
BY [signature]
PRODUCT CONTROL EXAMINER
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 96-0301.03

REVISIONS	BY
08/14/98	SP

RAMMS ENGINEERING, INC.
Richard Ramm
FLORIDA REG. NO. 52211
EB 0006024

METALTECH, INC.
7330 W. SECOND CT. HIALEAH, FL. 33014
CERT. NO. 7

BUILDING CODE COMPLIANCE

7

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida

CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT G

DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 13.3 PT2
MEAN ROOF HEIGHT = 22.0 FT
DISTANCE, Z = 18.0 FT

Kh = 0.894
Kz = 0.844

qh = 30.5 PSF
qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.371	1.371
GCp (-)	-1.671	-1.934
PRESSURE (PSF)	49.5	49.5
SUCTION (PSF)	-52.5	-66.7



P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH = 42.0 FT
CORNER DISTANCE, A = 4.2 FT

9/7/99

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida

CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT H

DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

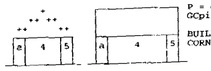
WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 18.9 PT2
MEAN ROOF HEIGHT = 22.0 FT
DISTANCE, Z = 19.0 FT

Kh = 0.894
Kz = 0.844

qh = 30.5 PSF
qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.339	1.339
GCp (-)	-1.435	-1.854
PRESSURE (PSF)	48.4	48.4
SUCTION (PSF)	-51.4	-64.2



P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH = 42.0 FT
CORNER DISTANCE, A = 4.2 FT

9/7/99

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida

CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT J

DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 5.0 PT2
MEAN ROOF HEIGHT = 22.0 FT
DISTANCE, Z = 18.0 FT

Kh = 0.894
Kz = 0.844

qh = 30.5 PSF
qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.400	1.400
GCp (-)	-1.500	-2.000
PRESSURE (PSF)	50.3	50.3
SUCTION (PSF)	-53.4	-68.7



P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH = 42.0 FT
CORNER DISTANCE, A = 4.2 FT

9/6/99

00034

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida
CUSTOMER : MAHER RESIDENCE DATE : 09-05-1999
JOB NUMBER :
DESCRIPTION : (COMPONENT M)

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = I
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 21.1 FT2.
MEAN ROOF HEIGHT = 18.0 FT.
DISTANCE, Z = 18.0 FT.

Kh = 0.894
Kz = 0.844

qh = 30.5 PSF
qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.314	1.314
GCp (-)	-1.414	-1.807
PRESSURE (PSF)	47.7	47.7
SUCTION (PSF)	-50.8	-62.8

P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH A = 42.0 FT
CORNER DISTANCE A = 4.2 FT

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida
CUSTOMER : MAHER RESIDENCE DATE : 09-05-1999
JOB NUMBER :
DESCRIPTION : (COMPONENT L)

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = I
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 13.4 FT2.
MEAN ROOF HEIGHT = 18.0 FT.
DISTANCE, Z = 18.0 FT.

Kh = 0.894
Kz = 0.844

qh = 30.5 PSF
qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.370	1.370
GCp (-)	-1.470	-1.933
PRESSURE (PSF)	49.4	49.4
SUCTION (PSF)	-52.5	-66.6

P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH A = 42.0 FT
CORNER DISTANCE A = 4.2 FT

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida
CUSTOMER : MAHER RESIDENCE DATE : 09-05-1999
JOB NUMBER :
DESCRIPTION : (COMPONENT K)

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = I
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 22.5 FT2.
MEAN ROOF HEIGHT = 22.0 FT.
DISTANCE, Z = 9.0 FT.

Kh = 0.894
Kz = 0.821

qh = 30.5 PSF
qz = 27.4 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.317	1.317
GCp (-)	-1.417	-1.813
PRESSURE (PSF)	47.8	47.8
SUCTION (PSF)	-50.9	-63.0

P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH A = 42.0 FT
CORNER DISTANCE A = 4.2 FT

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida
CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT M

DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 22.8 FT2
MEAN ROOF HEIGHT = 22.0 FT
DISTANCE, Z = 9.0 FT

Kh = 0.894
Kz = 0.801

qh = 30.5 PSF
qz = 27.4 PSF

WALL WIND LOADS		
	WALL AREA	
	4	5
GCp (+)	1.316	1.316
GCp (-)	-1.416	-1.810
PRESSURE (PSF)	47.8	47.8
SUCTION (PSF)	-50.8	-62.9

P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH = 42.0 FT
CORNER DISTANCE, A = 4.2 FT

9/5/99

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida
CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT P

DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 29.3 FT2
MEAN ROOF HEIGHT = 22.0 FT
DISTANCE, Z = 18.0 FT

Kh = 0.894
Kz = 0.844

qh = 30.5 PSF
qz = 28.8 PSF

WALL WIND LOADS		
	WALL AREA	
	4	5
GCp (+)	1.290	1.290
GCp (-)	-1.390	-1.753
PRESSURE (PSF)	47.0	47.0
SUCTION (PSF)	-50.0	-61.1

P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH = 42.0 FT
CORNER DISTANCE, A = 4.2 FT

9/5/99

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156 3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida
CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT R

DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 32.0 FT2
MEAN ROOF HEIGHT = 22.0 FT
DISTANCE, Z = 18.0 FT

Kh = 0.894
Kz = 0.844

qh = 30.5 PSF
qz = 28.8 PSF

WALL WIND LOADS		
	WALL AREA	
	4	5
GCp (+)	1.262	1.281
GCp (-)	-1.381	-1.732
PRESSURE (PSF)	46.7	46.7
SUCTION (PSF)	49.8	-60.5

P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25

BUILDING WIDTH = 52.0 FT
CORNER DISTANCE, A = 5.2 FT

9/5/99

09034
946

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida

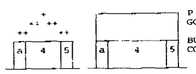
CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT S
DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 11.3 FT2
MEAN ROOF HEIGHT = 22.0 FT Kh = 0.894 qh = 30.5 PSF
DISTANCE, Z = 18.0 FT Kz = 0.844 qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.388	1.388
GCp (-)	-1.488	-1.972
PRESSURE (PSF)	50.0	50.0
SUCTION (PSF)	-53.0	-67.8



P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25
BUILDING WIDTH = 52.0 FT
CORNER DISTANCE, A = 5.2 FT

9/5/99

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida

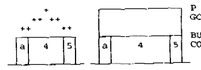
CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT T
DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 8.8 FT2
MEAN ROOF HEIGHT = 22.0 FT Kh = 0.894 qh = 30.5 PSF
DISTANCE, Z = 18.0 FT Kz = 0.844 qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.400	1.400
GCp (-)	-1.500	-2.000
PRESSURE (PSF)	50.3	50.3
SUCTION (PSF)	-53.4	-68.7



P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25
BUILDING WIDTH = 32.0 FT
CORNER DISTANCE, A = 3.2 FT

9/5/99

JENETOPULOS GROUP
7300 S.W. 105 TERRACE MIAMI, FL 33156-3841 (305)663-2991
Copyright 1994 by Tondelli Engineering, P.A. Tampa, Florida

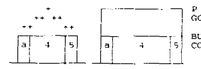
CUSTOMER : MAHER RESIDENCE
JOB NUMBER :
DESCRIPTION : COMPONENT V
DATE : 09-05-1999

*** DESIGN WIND LOADS - ASCE 7-93 ***
*** COMPONENTS AND CLADDING ***
BUILDINGS

WIND VELOCITY = 110 MPH
EXPOSURE CATEGORY = C
BUILDING CATEGORY = 1
IMPORTANCE FACTOR = 1.05
STRUCTURE IS WITHIN 100 MI. OF HURRICANE OCEANLINE

ROOF SLOPE = 3.00 : 12 (14.04 DEG)
TRIBUTARY AREA = 15.0 FT2
MEAN ROOF HEIGHT = 22.0 FT Kh = 0.894 qh = 30.5 PSF
DISTANCE, Z = 18.0 FT Kz = 0.844 qz = 28.8 PSF

WALL WIND LOADS	WALL AREA	
	4	5
GCp (+)	1.359	1.359
GCp (-)	-1.459	-1.907
PRESSURE (PSF)	49.1	49.1
SUCTION (PSF)	-52.1	-65.8



P = qh(GCp) - qh(GCpi)
GCpi = ± 0.25
BUILDING WIDTH = 32.0 FT
CORNER DISTANCE, A = 3.2 FT

9/5/99

0003477

Exhibit 8

ALLSTATE

NAME: Richard Harris dec'd
ADDRESS: 5484 Pointe Drive
CITY: Palm Beach COUNTY:
PHONES: HOME: OFFICE:

CONTRACT DATE: 7-26-89
CONTRACT NUMBER: 55242
MEASURE DATE:
SALESMAN: Joe Davis
INSTALLER:
TYPE OF INSTALLATION:
DIAGRAM

24 gauge steel panels
Steel frame

Plan by Ken Klein
Ken Klein

VOICE OF HOME

ALLSTATE

NAME: Richard Harris dec'd
ADDRESS: 5484 Pointe Drive
CITY: Palm Beach COUNTY:
PHONES: HOME: OFFICE:

CONTRACT DATE: 7-26-89
CONTRACT NUMBER: 55242
MEASURE DATE:
SALESMAN: Joe Davis
INSTALLER:
TYPE OF INSTALLATION:
DIAGRAM

Office

24 gauge steel panels
Steel frame

VOICE OF HOME

ALLSTATE

NAME: Richard Harris dec'd
ADDRESS: 5484 Pointe Drive
CITY: Palm Beach COUNTY:
PHONES: HOME: OFFICE:

CONTRACT DATE: 7-26-89
CONTRACT NUMBER: 55242
MEASURE DATE:
SALESMAN: Joe Davis
INSTALLER:
TYPE OF INSTALLATION:
DIAGRAM

Cottage

24 gauge steel panels
Steel frame

VOICE OF HOME

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

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

CONTRACTOR LICENSING SECTION
(305) 375-7527 FAX (305) 375-2338

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

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

PRODUCT CONTROL NOTICE OF ACCEPTANCE

MetalTech, Inc.
7635 West 2nd Court
Hialeah FL 33014

Your application for Product Approval of:
24 ga. Storm Panel Maximum Impact
under Chapter 8 of the Metropolitan Dade County Code governing the use of Alternate Materials and Types of Construction, and completely described in the plans, specifications and calculations as submitted by:
Applicant, along with drawings prepared by Robert S. Monsour, P.E., and test reports prepared by Construction Testing Corporation and Certified Testing Laboratories.
has been recommended for acceptance by the Building Code Compliance office to be used in Dade County, Florida under the specific conditions set forth on pages 2 et. seq. and the Standard Conditions on page 3.

This approval shall not be valid after the expiration date stated below. The Office of Code Compliance reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, the Code Compliance Office may revoke, modify, or suspend the use of such product or material immediately. The applicant shall re-evaluate this product or material should any ammendments to the South Florida Building Code be enacted affecting this product or material. The Building Code Compliance Office reserves the right to revoke this approval, if it is determined by the Building Code Compliance Office that this product or material fails to meet the requirements of the South Florida Building Code. The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 98-0304.03
Expires: 10/01/01

Paul Rodriguez
Product Control Supervisor

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE COMMITTEE

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

Charles Danger, P.E.
Director
Building Code Compliance Dept.
Metropolitan Dade County

Approved: 10/01/98

Internet mail address: postmaster@buildingcodeonline.com Homepage: http://www.buildingcodeonline.com

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. **SCOPE**
This approves a 24 ga. steel storm panel type shutter, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. **PRODUCT DESCRIPTION**
The 24 ga. steel storm panel type shutter and its components shall be constructed in strict compliance with the following documents: Drawing No. 98001, titled "24 ga. maximum impact storm panel", prepared by Ramos Engineering, Inc., dated January 10, 1998, last revised on August 14, 1998, sheets 1 through 7 of 7, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. **LIMITATIONS**
All permanent set components, included but not limited to embedded anchor bolts, threaded cones, metal shields, headers and sills, must be protected against corrosion, contamination and damage at all times.

4. **INSTALLATION**
The 24 ga. steel storm panel type shutter and its components shall be installed in strict compliance with the approved drawings.

5. **LABELING**
Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved".

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

Helmy A. Makar, P.E. - Product Control Examiner
Product Control Division

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

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

END OF THIS ACCEPTANCE

Helmy A. Makar, P.E. - Product Control Examiner
Product Control Division

0003499

COMPONENTS & CLADDING WINDLOAD PER 2004 FBC and ASCE 7-02, roof <= 60 feet

Customer: Florida Home Improvement, Associates
Residence : Carlos Winitzky
Location : 2464 Prairie Ave
Municipality: Miami Beach, FL 33140
Date: 6/27/06

Table 6-5	
Height	C
15	0.85
20	0.9
25	0.94
30	0.98
40	1.04
50	1.09
60	1.13
70	1.17
80	1.21
90	1.24
100	1.26

Specific Data (1st Floor Windows)

Exposure Classification =	C	
Hz =	18	feet
Wind Velocity =	146.00	mph
I - Importance Factor = Category I	1.00	
Kz - Element Height Exposure Coefficie	0.85	, T 6-5
Kh - Building Height Exposure Coefficie	0.90	, T 6-5
Kzt - Gust Speed-Up Factor	1.00	, ASCE 7-02 6.5.7
Kd - Directionality Factor	1.00	, Table 6-6, no combined load

Velocity Pressure Calculation

qz = .00256 x Kz x Kzt x Kd x (IxV)^2	46.38	psf for element
qh = .00256 x Kh x Kzt x Kd x (IxV)^2	49.11	psf for building

Calculations for Components and Cladding

Gcpi - Internal Press. Coeff. = 0.18 +/- , Table 6-7
Gcp - Interpolate from Figure 6-5A for Specific Area

Assume Building Fully Enclosed - All exterior openings are shuttered or impact

p = q (GCp) - qi (GCPi)

AREA (SF)	q = qz	GCp	qi = qh	Gcpi	P	
10 - zone 5	46.38	1.00	49.11	-0.18	55.22	Pos
	46.38	-1.40	49.11	0.18	-73.78	Neg
15 - zone 5	46.38	0.98	49.11	-0.18	54.30	Pos
	46.38	-1.36	49.11	0.18	-71.92	Neg
20 - zone 5	46.38	0.96	49.11	-0.18	53.37	Pos
	46.38	-1.32	49.11	0.18	-70.07	Neg
25 - zone 5	46.38	0.94	49.11	-0.18	52.44	Pos
	46.38	-1.28	49.11	0.18	-68.21	Neg
30 - zone 5	46.38	0.92	49.11	-0.18	51.51	Pos
	46.38	-1.24	49.11	0.18	-66.36	Neg
35 - zone 5	46.38	0.90	49.11	-0.18	50.59	Pos
	46.38	-1.20	49.11	0.18	-64.50	Neg
40 - zone 5	46.38	0.88	49.11	-0.18	49.66	Pos
	46.38	-1.16	49.11	0.18	-62.65	Neg
45 - zone 5	46.38	0.86	49.11	-0.18	48.73	Pos
	46.38	-1.12	49.11	0.18	-60.79	Neg

>#3,6

John H. Omslaer, P.E.
FL PE #52733/EB#26829
Dynamic Engineering Solutions, Inc.
950 N. Federal Hwy. Ste. 212
Pompano Beach, FL 33062

6/28/06

COMPONENTS & CLADDING WINDLOAD PER 2004 FBC and ASCE 7-02, roof <= 60 feet

Customer: Florida Home Improvement, Associates
Residence : Carlos Winitzky
Location : 2464 Prairie Ave
Municipality: Miami Beach, FL 33140
Date: 6/27/06

Table 6-5	
Height	C
15	0.85
20	0.9
25	0.94
30	0.98
40	1.04
50	1.09
60	1.13
70	1.17
80	1.21
90	1.24
100	1.26

Specific Data 1st Floor Windows

Exposure Classification =	C	
Hz =	18	feet
Wind Velocity =	146.00	mph
I - Importance Factor = Category I	1.00	
Kz - Element Height Exposure Coefficie	0.85	, T 6-5
Kh - Building Height Exposure Coefficie	0.90	, T 6-5
Kzt - Gust Speed-Up Factor	1.00	, ASCE 7-02 6.5.7
Kd - Directionality Factor	1.00	, Table 6-6, no combined load

Velocity Pressure Calculation

qz = .00256 x Kz x Kzt x Kd x (IxV)^2	46.38	psf for element
qh = .00256 x Kh x Kzt x Kd x (IxV)^2	49.11	psf for building

Calculations for Components and Cladding

Gcpi - Internal Press. Coeff. = 0.18 +/- , Table 6-7
Gcp - Interpolate from Figure 6-5A for Specific Area

Assume Building Fully Enclosed - All exterior openings are shuttered or impact

p = q (GCp) - qi (GCPi)

AREA (SF)	q = qz	GCp	qi = qh	Gcpi	P	
10 - zone 4	46.38	1.00	49.11	-0.18	55.22	Pos
	46.38	-1.10	49.11	0.18	-59.86	Neg
15 - zone 4	46.38	0.98	49.11	-0.18	54.30	Pos
	46.38	-1.08	49.11	0.18	-58.93	Neg
20 - zone 4	46.38	0.96	49.11	-0.18	53.37	Pos
	46.38	-1.06	49.11	0.18	-58.01	Neg
25 - zone 4	46.38	0.94	49.11	-0.18	52.44	Pos
	46.38	-1.04	49.11	0.18	-57.08	Neg
30 - zone 4	46.38	0.92	49.11	-0.18	51.51	Pos
	46.38	-1.02	49.11	0.18	-56.15	Neg
35 - zone 4	46.38	0.90	49.11	-0.18	50.59	Pos
	46.38	-1.00	49.11	0.18	-55.22	Neg
40 - zone 4	46.38	0.88	49.11	-0.18	49.66	Pos
	46.38	-0.98	49.11	0.18	-54.30	Neg
45 - zone 4	46.38	0.86	49.11	-0.18	48.73	Pos
	46.38	-0.96	49.11	0.18	-53.37	Neg

#1, 2, 4, 5

#3

John H. Omslaer, P.E.
FL PE #52733/EB#26829
Dynamic Engineering Solutions, Inc.
950 N. Federal Hwy. Ste. 212
Pompano Beach, FL 33062

6/28/06

COMPONENTS & CLADDING WINDLOAD PER 2004 FBC and ASCE 7-02, roof <= 60 feet

Customer: Florida Home Improvement Associates
Residence : Carlos Winitzky
Location : 2464 Prairie Ave
Municipality: Miami Beach, FL 33140
Date: 6/27/06

Table 6-5	
Height	C
15	0.85
20	0.9
25	0.94
30	0.98
40	1.04
50	1.09
60	1.13
70	1.17
80	1.21
90	1.24
100	1.26

Specific Data (2nd Floor Windows)

Exposure Classification =	C	
Hz =	18	feet
Wind Velocity =	146.00	mph
I - Importance Factor = Category I	1.00	
Kz - Element Height Exposure Coefficie	0.90	, T 6-5
Kh - Building Height Exposure Coefficie	0.90	, T 6-5
Kzt - Gust Speed-Up Factor	1.00	, ASCE 7-02 6.5.7
Kd - Directionality Factor	1.00	, Table 6-6, no combined load

Velocity Pressure Calculation

qz = .00256 x Kz x Kzt x Kd x (IxV)^2 49.11 psf for element
qh = .00256 x Kh x Kzt x Kd x (IxV)^2 49.11 psf for building

Calculations for Components and Cladding

Gcpi - Internal Press. Coeff. = 0.18 +/- , Table 6-7
Gcp - Interpolate from Figure 6-5A for Specific Area

Assume Building Fully Enclosed - All exterior openings are shuttered or impact

p = q (GCp) - qi (GCPi)

AREA (SF)	q = qz	GCp	qi = qh	Gcpi	P	
10 - zone 4	49.11	1.00	49.11	-0.18	57.95	Pos
	49.11	-1.10	49.11	0.18	-62.86	Neg
15 - zone 4	49.11	0.98	49.11	-0.18	56.97	Pos
	49.11	-1.08	49.11	0.18	-61.88	Neg
20 - zone 4	49.11	0.96	49.11	-0.18	55.99	Pos
	49.11	-1.06	49.11	0.18	-60.90	Neg
25 - zone 4	49.11	0.94	49.11	-0.18	55.01	Pos
	49.11	-1.04	49.11	0.18	-59.92	Neg
30 - zone 4	49.11	0.92	49.11	-0.18	54.02	Pos
	49.11	-1.02	49.11	0.18	-58.93	Neg
35 - zone 4	49.11	0.90	49.11	-0.18	53.04	Pos
	49.11	-1.00	49.11	0.18	-57.95	Neg
40 - zone 4	49.11	0.88	49.11	-0.18	52.06	Pos
	49.11	-0.98	49.11	0.18	-56.97	Neg
45 - zone 4	49.11	0.86	49.11	-0.18	51.08	Pos
	49.11	-0.96	49.11	0.18	-55.99	Neg

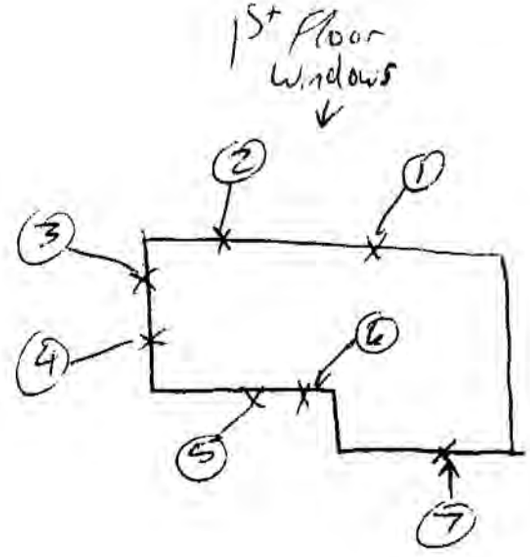
Ref 9, # 8

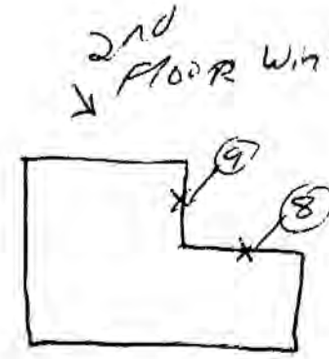
John H. Omslaer, P.E.
FL PE #52733/EB#26829
Dynamic Engineering Solutions, Inc.
950 N. Federal Hwy. Ste. 212
Pompano Beach, FL 33062

6/26/06

Opening	Design Pressure PSF	
	Positive	Negative
1	54.30	-58.93
2	54.30	-58.93
3	54.30	-71.92
4	54.30	-58.93
5	54.30	-58.93
6	54.30	-71.92
7	49.66	-54.30
8	52.06	-56.97
9	55.99	-60.90
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		

2nd FL





18 = Mean Roof Height (ft)
4 = End Zone 5 Width (ft)

See application package for product selection information and product approvals. Product selection by others This specification does not certify product approvals or any approved systems. It is to be used to indicate design pressures only. See specific product approval for product certification and installation information.

NOTES:
Assume Fully Enclosed Structure
Design wind load 146 m.p.h. gust, exposure C.
Designed in conformance with ASCE 7-02
Designed in conformance with 2004 FBC.
Products anchored and shimed per Product Approvals.
All fasteners to be coated (tapcons) or stainless steel.
Contractor to verify dimensions and suitability.
Does not certify existing structural envelope.
Exterior and interior finish to match existing.

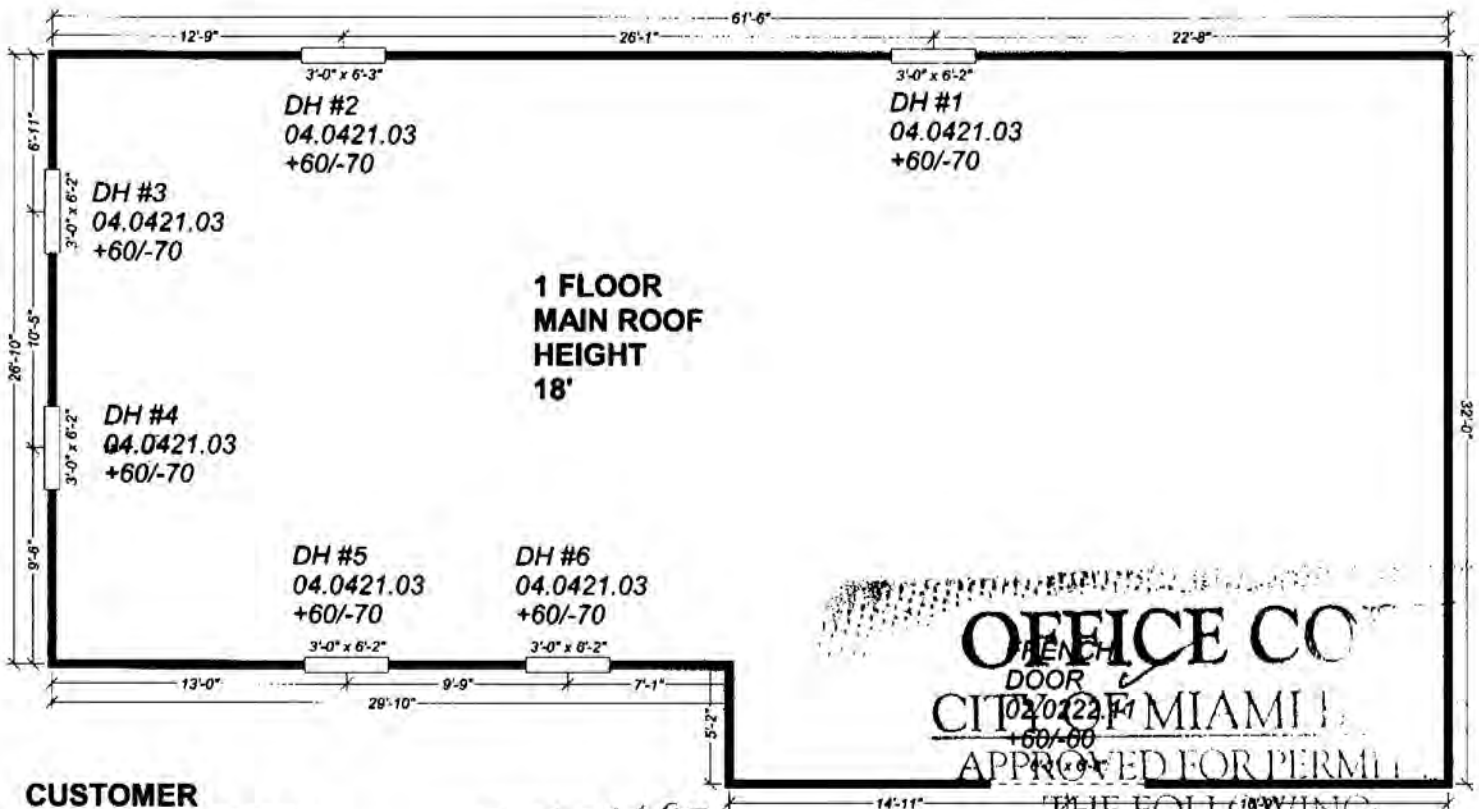
Florida Home Improvement, Assoc.
Carlos Winitzky
2464 Prairie Ave
Miami Beach, FL 33140
06/27/06

Dynamic Engineering Solutions, Inc.
EB 26829, PE 52733
950 N. Federal Hwy. Ste. 212
Pompano Beach, FL 33062
John H. Omslaer, P.E.

6/26/06

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County, and there may be additional permits required from other governmental entities such as water management's districts, state agencies or federal agencies.

The City of Miami Beach assumes no responsibility for accuracy of or results from these plans which are approved subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.



CUSTOMER
CARLOS WINITZKY
2464 PRAIRIE AVE
MIAMI BEACH FL 33140

B0604692

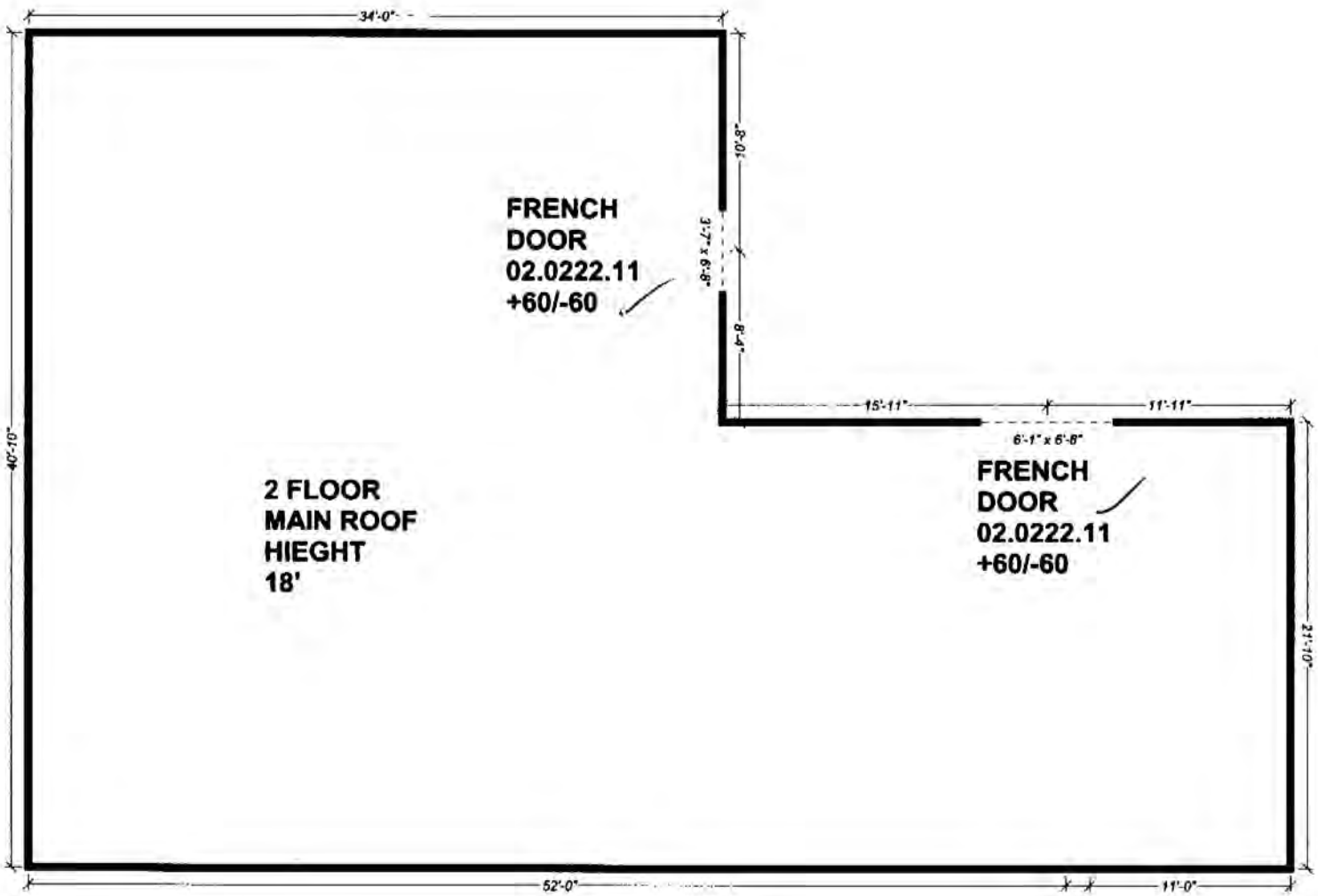
CONTRACTOR

Florida Home Improvement Associates
3850 SW 30 Ave.
Hollywood, FL 33312
Ph: 954-792-4415
Fax: 954-792-2170

OFFICE CO
FRENCH DOOR
02/0222.1
+60/-00
CITY OF MIAMI
APPROVED FOR PERMIT
THE FOLLOWING:
JUN 2 9 2006

BUILDING: COM 062906d
ZONING:
DRB/HPB:
CONCURRENCY:
PLUMBING:
MECHANICAL:
ELECTRICAL:
FIRE PREVENTION:
ENGINEERING:
PUBLIC WORKS:
STRUCTURAL: Perez 6/29/06
ACCESSIBILITY:
ELEVATOR:

As per Florida Building Code Section
REVIEWED FOR CONFORMANCE



CUSTOMER
CARLOS WINITZKY
2464 PRAIRIE AVE
MIAMI BEACH FL 33140

CONTRACTOR

Florida Home-Improvement Associates
3850 SW 30 Ave.
Hollywood, FL 33312
Ph: 954-792-4415
Fax: 954-792-2170

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)

Master Windows Inc.
6941 Lake Development Drive
Fort Myers, FL 33907

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 "Wind King Supreme" PVC Frame Outswing Double French Door w/ & w/out fixed Sidelite

APPROVAL DOCUMENT: Drawing No. W01-25, titled "PVC Frame Outswing French Door", sheets 1 through 4, prepared, signed and sealed by Humayoun Farooq, dated 2/18/02, 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 alteration or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of the 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.

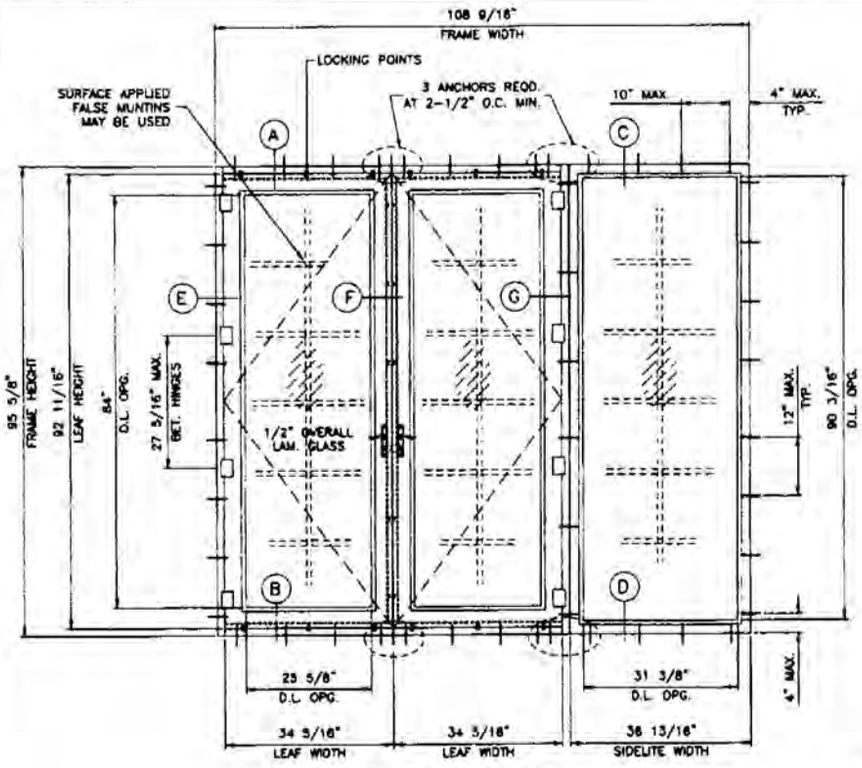
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed then it shall be done in its entirety.

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.
The submitted documentation was reviewed by **Raul Rodriguez.**

NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County, and there may be additional permits required from other governmental entities, such as water management districts, state agency or federal agencies. The issuance of this permit is based upon documents, drawings, and other data submitted by the permit applicant. The issuing authority and the professional engineer or architect sealing the documents assume responsibility for the accuracy and adequacy of the documents submitted. Any omissions or misstatements in the documents may void this permit at any time. The permit applicant is responsible for the construction of this project in accordance with all applicable codes and regulations. Construction must begin before the permit will be issued. Any work commenced before the permit is issued is subject to stop work orders and fines. Any work commenced before the permit is issued subjects the permit applicant to increased permit fees. The permit applicant is responsible to obtain all required inspections and approvals. The issuance of this permit does not waive any requirements of Chapter 553, Florida Statutes, commonly known as the Florida Energy Efficiency Code for Building Construction. Any plan revisions regarding this permit must be approved before the work is performed. This permit will expire if no inspection is performed within six months of permit issuance or last inspection. Any false statements or misrepresentations made during the application process will void the permit, all approvals and all work thereunder immediately. In accordance with Florida Statute 553.79(15), after the first inspection, all subsequent inspections on this permit may be performed by any certified inspector authorized by the local enforcement agency. The certified inspector must submit inspection reports to the building official.

CRD 6/19/02

NOA No 02-0222.11
Expiration Date: May 2, 2007
Approval Date: May 2, 2002
Page 1



TYPICAL ELEVATION
(XXO)
TESTED UNIT

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 60.0 PSF

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES.
THE SIDELITES CAN BE AT ONE SIDE OR BOTH SIDES OF DOORS.

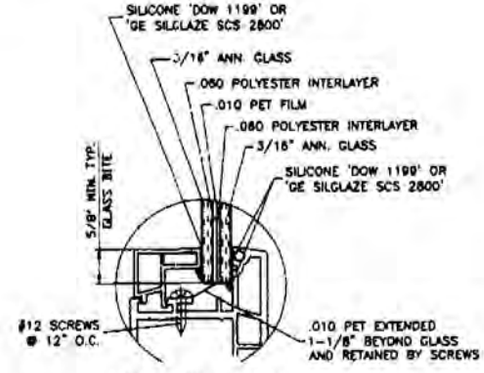
DOORS/SIDELITES GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

THIS PRODUCT IS DESIGNED AS PER THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.



1/2" THICK NOMINAL
IMPACT RESISTANT GLASS
'GLASSLAM SAFETY-PLUS LAMINATED GLASS'
SHUTTERS NOT REQUIRED

Approved as complying with the Florida Building Code
Date MAY 7, 2002
NOA# 01-0822.11
Miami-Dade Product Control Division
By

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

FEB 18 2002

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE.
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-AMI\WO1-25(W1)

PVC FRAME OUTSWING FRENCH DOOR

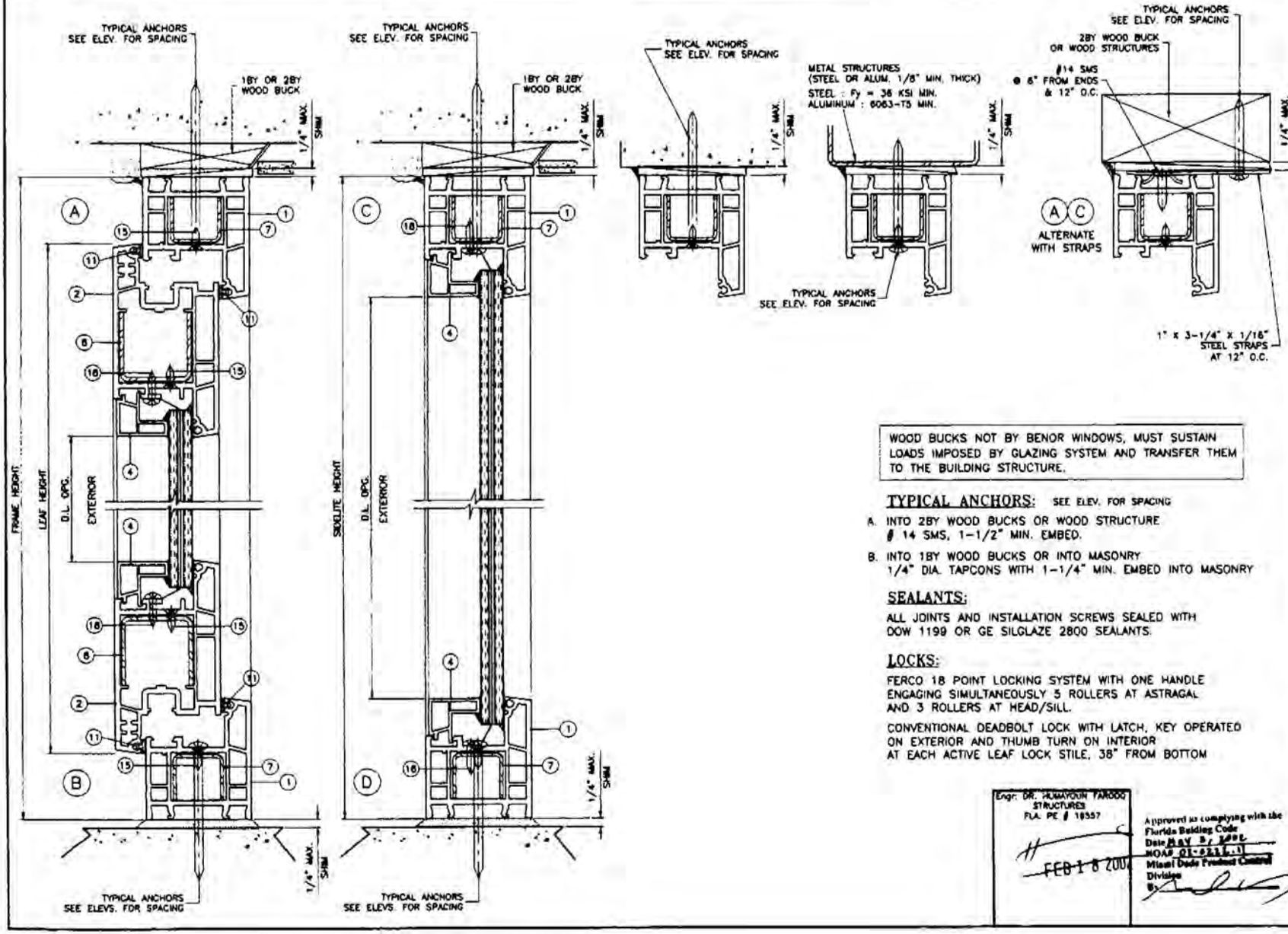
BENOR WINDOWS
6941 LAKE DEVONWOOD DRIVE
FORT MYERS, FL. 33908
TEL. (941) 936-2900 FAX (941) 985-0342

revisions:
no. date by description

date: 02-13-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
WO1-25

sheet 1 of 4



WOOD BUCKS NOT BY BENOR WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

A. INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
14 SMS, 1-1/2" MIN. EMBED.

B. INTO 1BY WOOD BUCKS OR INTO MASONRY
1/4" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

SEALANTS:

ALL JOINTS AND INSTALLATION SCREWS SEALED WITH DOW 1199 OR GE SILGLAZE 2800 SEALANTS.

LOCKS:

FERCO 18 POINT LOCKING SYSTEM WITH ONE HANDLE ENGAGING SIMULTANEOUSLY 5 ROLLERS AT ASTRAGAL AND 3 ROLLERS AT HEAD/SILL.

CONVENTIONAL DEADBOLT LOCK WITH LATCH, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 38" FROM BOTTOM

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557

FEB 18 2002

Approved as complying with the Florida Building Code
Date MAY 31 2002
NOA# 01-0228.01
Miami Dade Product Control Division

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W01-25RM1

PVC FRAME OUTSWING FRENCH DOOR

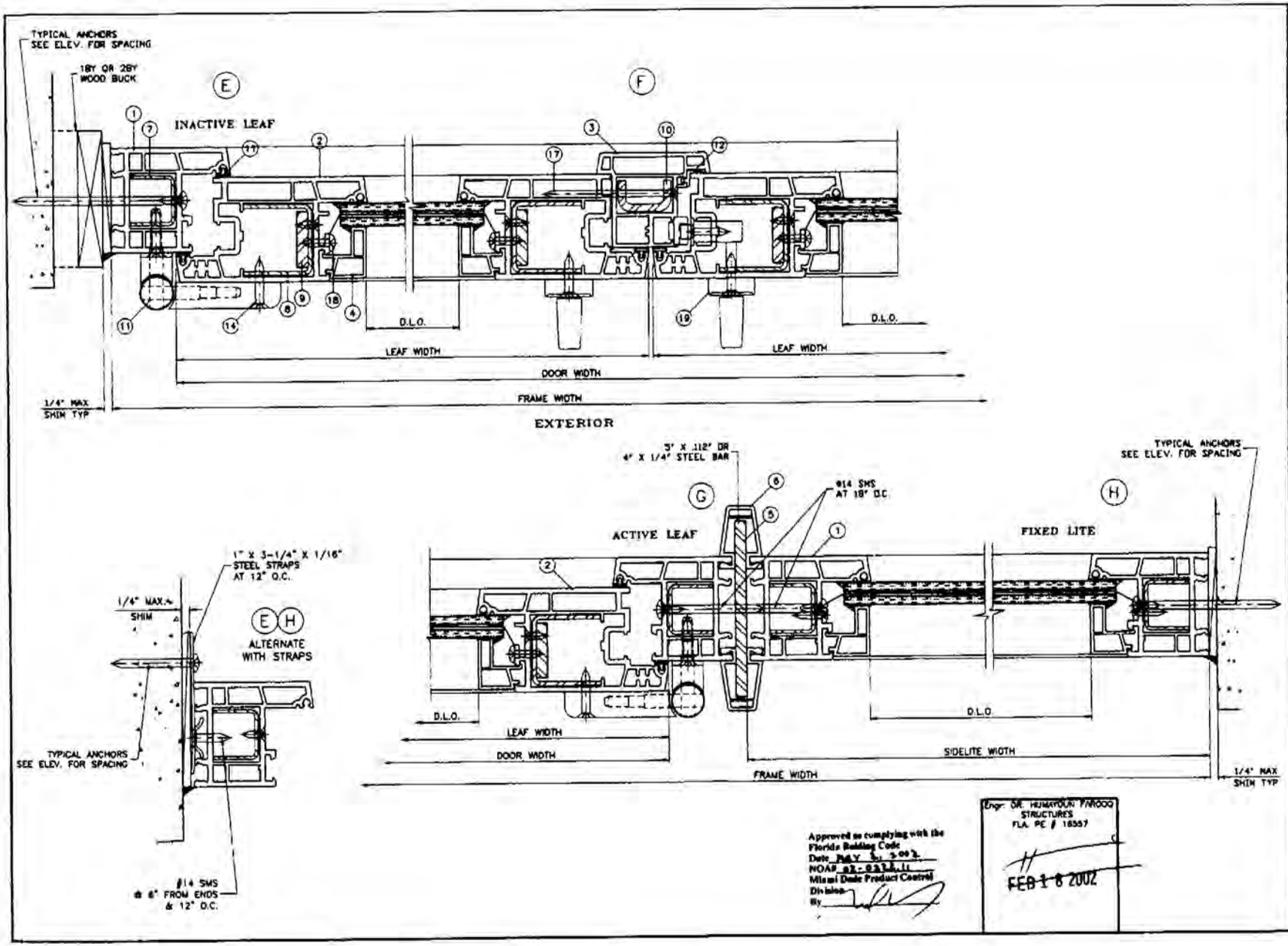
BENOR WINDOWS
8941 LAKE DEVONWOOD DRIVE
FORT MYERS, FL 33908
TEL (941) 936-9900 FAX (941) 985-6342

revisions:		
no	date	by description

date: 06-15-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W01-25

sheet 2 of 4



Approved as complying with the Florida Building Code
Date MAY 3, 2002
NOA# 02-0213.11
Miami Dade Product Control Division
By

Engr. SR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
FEB 18 2002

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W01-25.DWG

PVC FRAME OUTSWING FRENCH DOOR

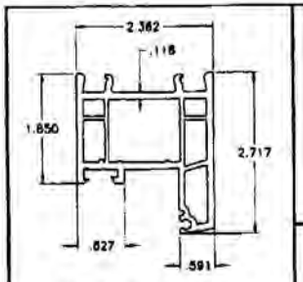
BENOR WINDOWS
6941 LAKE DEVONWOOD DRIVE
FORT MYERS, FL. 33908
TEL. (941) 936-9900 FAX (941) 995-0342

revisions:
no. date by description

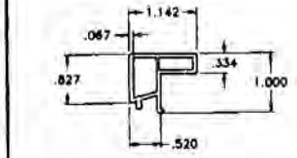
date: 05-15-01
scale: 1/2" = 1"
dr. by: HAMID
ck'd. by:

drawing no.
W01-25

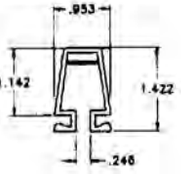
sheet 3 of 4



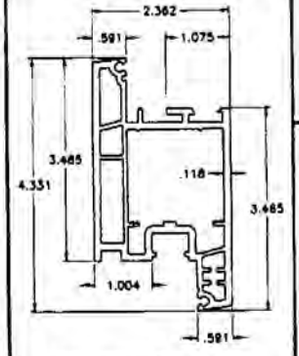
FRAME HEAD/JAMB/SILL



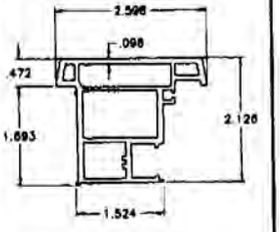
GLAZING STOP



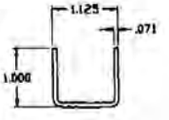
MULLION COVER



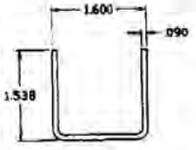
TOP/BOTTOM/SIDE RAIL



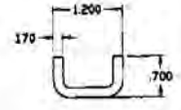
ASTRAGAL



FRAME STIFFENER

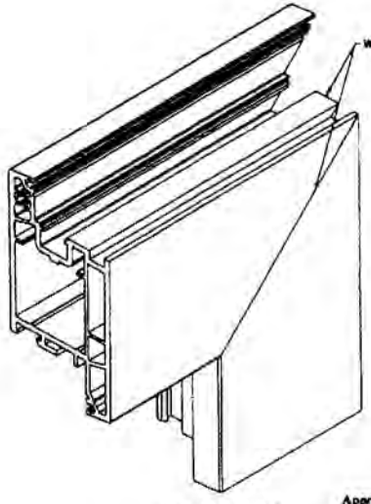


RAIL STIFFENER

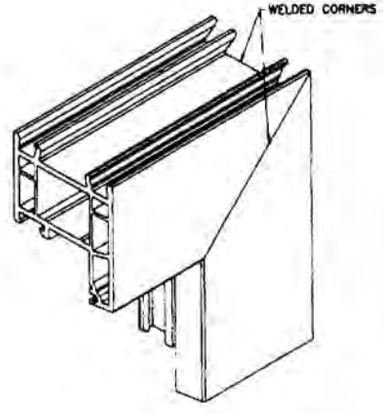


ASTRAGAL STIFFENER

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	VW-890	4/DOOR	FRAME HEAD/JAMB/SILL	PVC	BENOR INC.
2	VW-891	4/LEAF	DOOR RAIL/STILE	PVC	BENOR INC.
3	VW-892	AS REQD.	ASTRAGAL	PVC	BENOR INC.
4	VW-894	1/ SIDE	GLAZING STOP	PVC	BENOR INC.
5	-	AS REQD.	MULLION	STEEL	-
6	-	AS REQD.	MULLION COVER	PVC	BENOR INC.
7	-	1/ SIDE	FRAME STIFFENER	STEEL	-
8	-	1/ SIDE	RAIL/STILE STIFFENER	STEEL	-
9	-	1/ STILE	STILE STIFFENER BAR (1/4" X 1-1/4")	STEEL	-
10	-	1	ASTRAGAL STIFFENER	STEEL	-
11	-	AS REQD.	BULB WEATHER-STRIPPING	VINYL	-
12	-	AS REQD.	FLAP WEATHER-STRIPPING	VINYL	-
13	D-490180	4/ PANEL	HINGE	STEEL	FERCO
14	#8 X 1"	8/ HINGE	HINGE SCREWS	-	-
15	#6 X 5/8"	3/ CHANNEL	FRAME STIFFENER SCREWS	-	AT 6" FROM ENDS & MIDSPAN
16	#6 X 5/8"	AS REQD.	RAIL/STILE STIFFENER SCREWS	-	AT 16" O.C. MAX.
17	#10 X 3"	AS REQD.	ASTRAGAL STIFFENER SCREWS	-	AT 10" O.C.
18	#12 X 1"	AS REQD.	GLAZING RETAINER SCREWS	-	AT 12" O.C.
19	-	-	MULTIPOINT LOCKING SYSTEM	-	FERCO
20	-	-	-	-	-



VENT CORNER



FRAME CORNER

Approved as complying with the Florida Building Code
Date MAY 2, 2002
NOA# 02-0213.11
Miami-Dade Product Control Division
By

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557

FEB 1 8 2002

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-8878
COMP-AM, WO1-258m

PVC FRAME OUTSWING FRENCH DOOR

BENOR WINDOWS
6941 LAKE DEVONWOOD DRIVE
FORT MYERS, FL. 33908
TEL (941) 936-9900 FAX (941) 985-0342

revisions:
no. date by description

date: 08-15-01
scale: 1/2" = 1"
dr. by: HAMID
ck. by:

drawing no.
W01-25

sheet 4 of 4

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 33130-15
(305) 375-29 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Simonton Windows
One Cochrane Drive
Pennsboro, WV 26415

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 5500 Storm Breaker Plus- PVC Double Hung Window

APPROVAL DOCUMENT: Drawing No. **S-2361**, titled "Storm Breaker Plus Impact 5500 Series PVC Double Hung Window ", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., dated 04/05/04, having revision #1 dated 06/24/04singed and sealed by Wendell W. Haney, 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 hereon.

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 and evidence pages E-1 and E-2, as well as approval documents mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez , P.E.**

NOA No 04-0421.03
Expiration Date: August 05, 2009
Approval Date: August 05, 2004
Page 1

NOTICE: In addition to the requirement of this Permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

Miami-Dade County, its employees and agents assumes no responsibility for accuracy or validity of the information contained in this Permit, and the issuance of this Permit does not in any way create any obligation or liability of Miami-Dade County, its employees and agents in the event any person or entity is damaged or financially impacted in any way by reason of any inaccuracy, invalidity or ambiguity with respect to the information contained in this Permit, or the failure of any person or entity to comply with all applicable laws, rules and regulations.

Simonton Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2361**, titled "Storm Breaker Plus Impact 5500 Series PVC Double Hung Window", sheets 1 to 6 of 6, prepared by R. W. Building Consultants, Inc., dated 04/05/04, with revision "**#1**" dated 06/24/04, singed and sealed by Wendell W. Haney, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test, per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94

   along with marked-up drawings and installation diagram of PVC double hung window, prepared by Architectural Testing Inc., Test Report No. **ATI-01-48833.02** dated 04/14/04, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300 and structural analysis, prepared by R.W. Building Consultants, Inc., dated 04/18/04 signed and sealed by Wendell W. Haney, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **03-0421.02** issued to Solutia, Inc. for "Saflex IIIG" dated 01/08/04, expiring on 05/21/06.
2. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB" dated 02/15/01, expiring on 12/11/05.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated April 16, 2004, signed and sealed by Wendell W. Haney, P.E.
2. Statement letter of no financial interest dated June 17, 2003, signed by Allan Crum.
3. Letter from Simonton Window, dated June 17, 2003, designating Rick Wright of R.W. Building Consultant Inc., as the contact person for this file.

Herminio F. Gonzalez, P.E.
Director, Product Control Division
NOA No 04-0421.03
Expiration Date: August 05, 2009
Approval Date: August 05, 2004

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

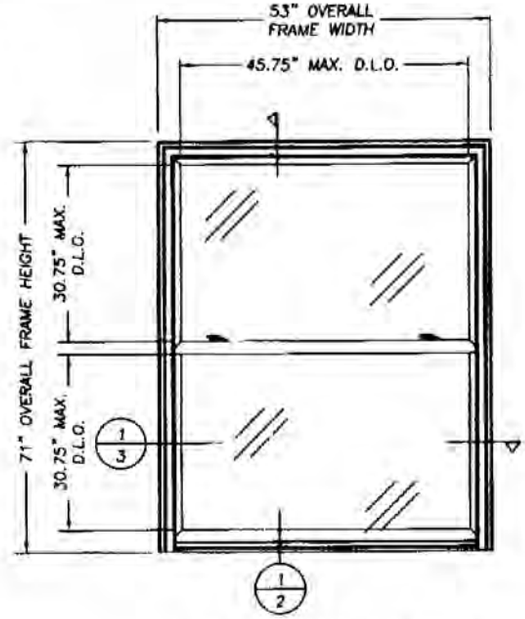
1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).

Herminio F. Gonzalez, P.E.
Director, Product Control Division
NOA No 04-0421.03
Expiration Date: August 05, 2009
Approval Date: August 05, 2004

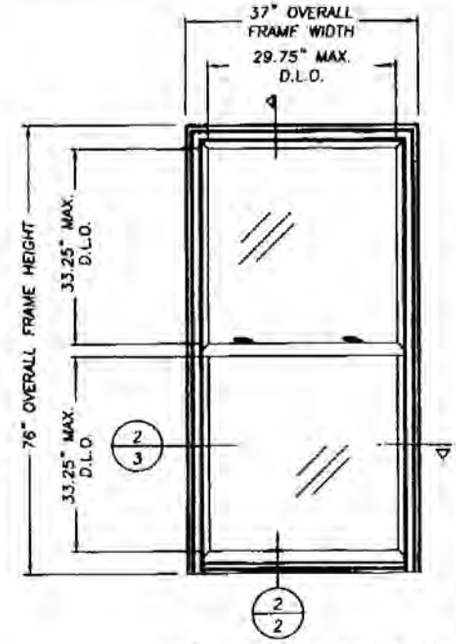
SIMONTON®
WINDOWS

1 Cochrane Avenue Pennsboro, WV 26415 Ph. 800.426.2249

STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW



53" x 71" DOUBLE HUNG WINDOW
VIEWED FROM EXTERIOR



37" x 76" DOUBLE HUNG WINDOW
VIEWED FROM EXTERIOR

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE "HVHZ" FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. FOR DESIGN PRESSURE RATING SEE CHART THIS SHEET.
5. INSTALLATION OF THIS SYSTEM DOES NOT REQUIRE THE USE OF APPROVED SHUTTER/EXTERNAL PROTECTION DEVICE.
6. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES.

1" INSULATED GLASS	SIZE	DESIGN PRESSURE RATINGS	
3/16" TEMP AIR 1/8" ANN – 0.100 PVB – 1/8" ANN	UP TO 53" x 71"	POS. 55.0 PSF	NEG. 58.0 PSF
3/16" TEMP AIR 1/8" ANN – 0.100 PVB – 1/8" ANN	UP TO 37" x 76"	POS. 60.0 PSF	NEG. 70.0 PSF
1/8" TEMP AIR 1/8" ANN – 0.100 PVB – 1/8" ANN	UP TO 53" x 71"	POS. 52.8 PSF	NEG. 52.8 PSF
1/8" TEMP AIR 1/8" ANN – 0.100 PVB – 1/8" ANN	UP TO 53" x 68"	POS. 55.0 PSF	NEG. 55.0 PSF
1/8" TEMP AIR 1/8" ANN – 0.100 PVB – 1/8" ANN	UP TO 53" x 64.5"	POS. 55.0 PSF	NEG. 58.0 PSF
1/8" TEMP AIR 1/8" ANN – 0.100 PVB – 1/8" ANN	UP TO 37" x 76"	POS. 60.0 PSF	NEG. 70.0 PSF

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	GENERAL NOTES & TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTIONS & GLAZING DETAILS
3	HORIZONTAL CROSS SECTIONS
4	ANCHORING LOCATIONS
5	BILL OF MATERIALS & COMPONENTS
6	COMPONENTS

Approved as complying with the Florida Building Code
Date 08/05/04
NOA# 04-0421.05
Miami-Dade Product Control Division
By:

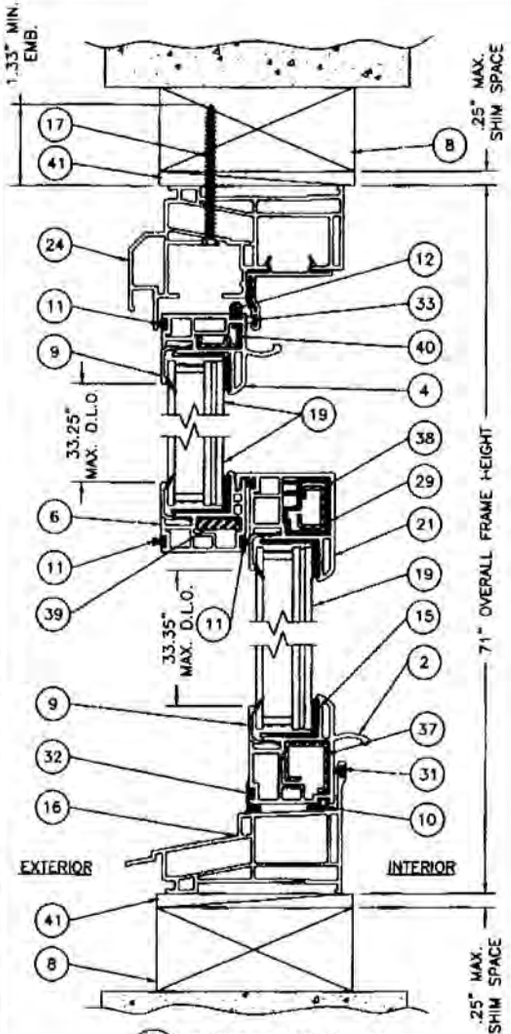
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 242, Valrico FL 33595
Phone No.: 813.684.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
6-24-04
Wendell W. Hoover P.E. No. 54158

PRODUCT: STORM BREAKER PLUS IMPACT 5500 SERIES PVC DOUBLE HUNG WINDOW
PART OR ASSEMBLY: GENERAL NOTES AND TYPICAL ELEVATIONS

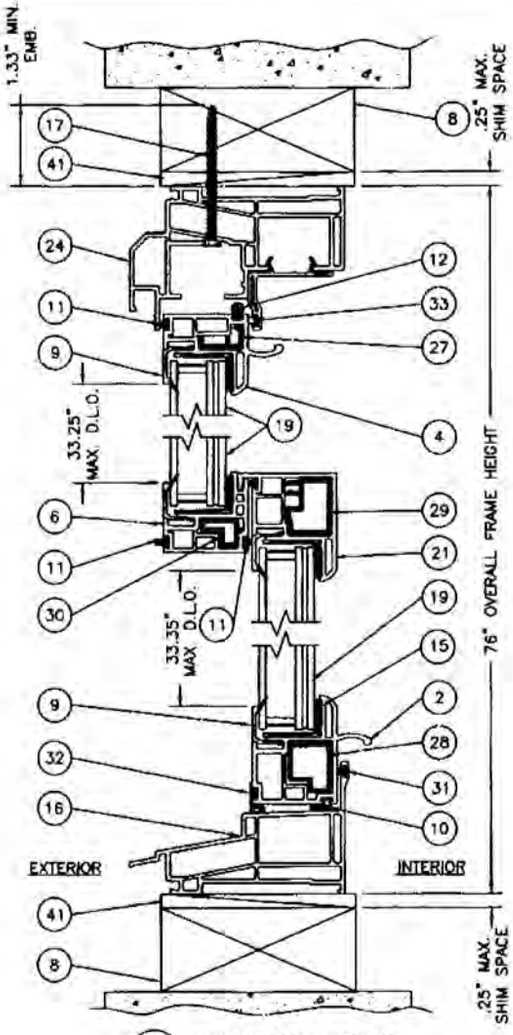
NO	DATE	REVISIONS	BY
1	9/24/04	PER DADE 5/19/04 LETTER	RW

DATE: 04/05/04
SCALE: NTS
DWG. BY: EW
CHK. BY: RW
DRAWING NO.: S-2361
SHEET 1 OF 6

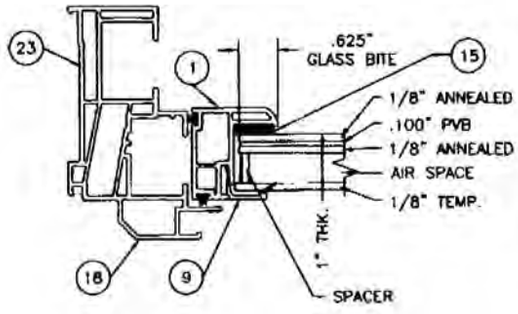
Version: Impact Projections S-2361.S-2Vn 1.dwg



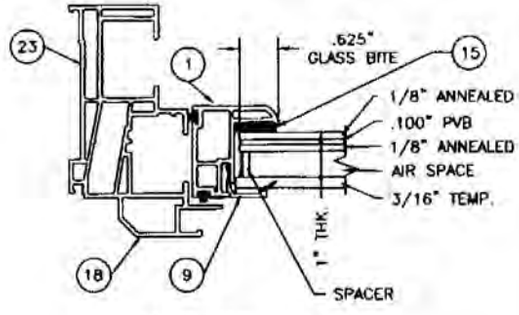
1/2 VERTICAL CROSS SECTION
53" x 71" DOUBLE HUNG
W/ STEEL REINFORCEMENTS



2/2 VERTICAL CROSS SECTION
37" x 76" DOUBLE HUNG
W/ ALUMINUM REINFORCEMENTS



GLAZING DETAIL
W/DUPONT LAMINATE



GLAZING DETAIL
W/DUPONT LAMINATE

NOTE:
UNITS LARGER THAN 37" x 76" USE STEEL REINFORCEMENTS.

Approved as complying with the Florida Building Code
Date 06/25/04
NOA# 04-0421.08
Miami Dade Product Control Division
By

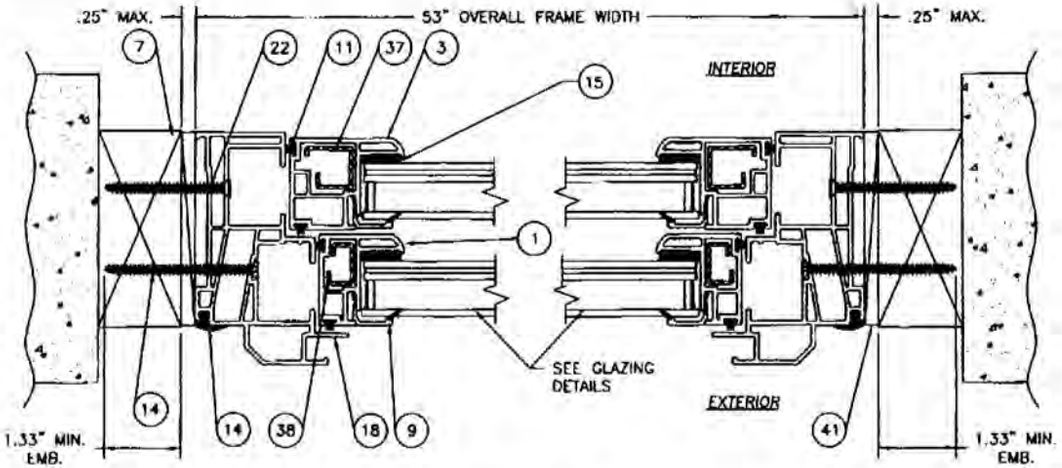
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.684.1187
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
6-24-04
Randall W. Horne, PE. No. 34158

PRODUCT:
STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW

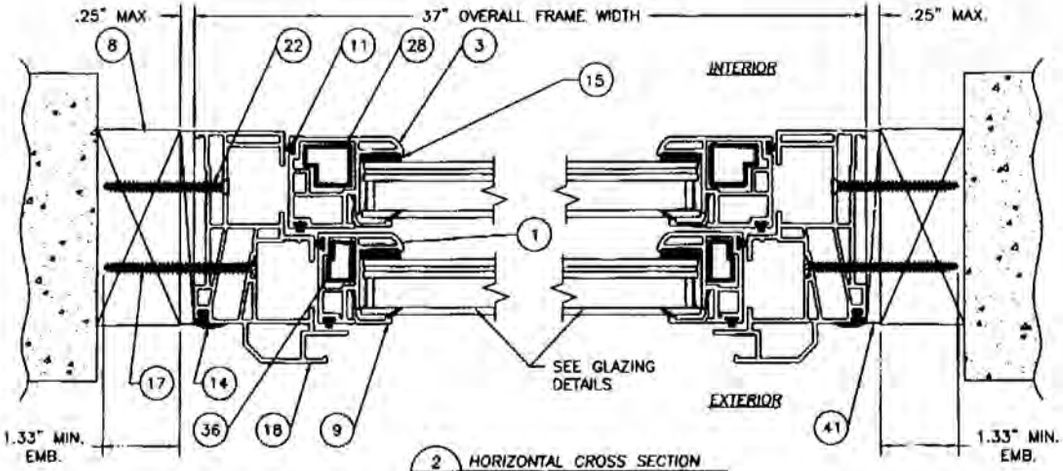
PART OF ASSEMBLY:
VERTICAL CROSS SECTIONS & GLAZING DETAILS

NO.	DATE	REVISIONS	BY
1	5/24/04	PER DADE 5/19/04 LETTER	RW

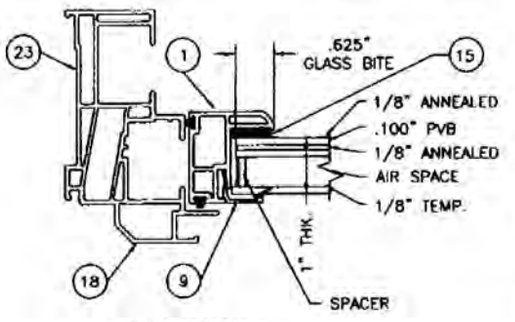
DATE: 04/05/04
SCALE: NTS
DWG. BY: EW
CHK. BY: RW
DRAWING NO.: S-2361
SHEET 2 OF 6



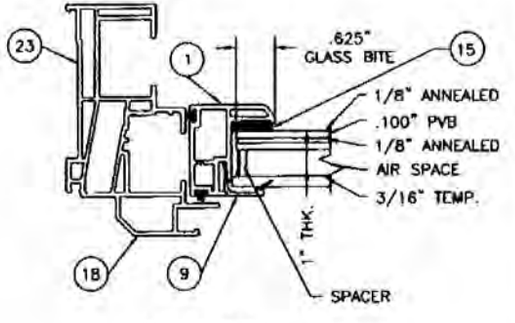
1/3 HORIZONTAL CROSS SECTION W/ STEEL REINFORCEMENTS



2/3 HORIZONTAL CROSS SECTION W/ ALUMINUM REINFORCEMENTS



GLAZING DETAIL W/SOLUTIA LAMINATE



GLAZING DETAIL W/SOLUTIA LAMINATE

NOTE:
UNITS LARGER THAN 37" x 76" USE STEEL REINFORCEMENTS.

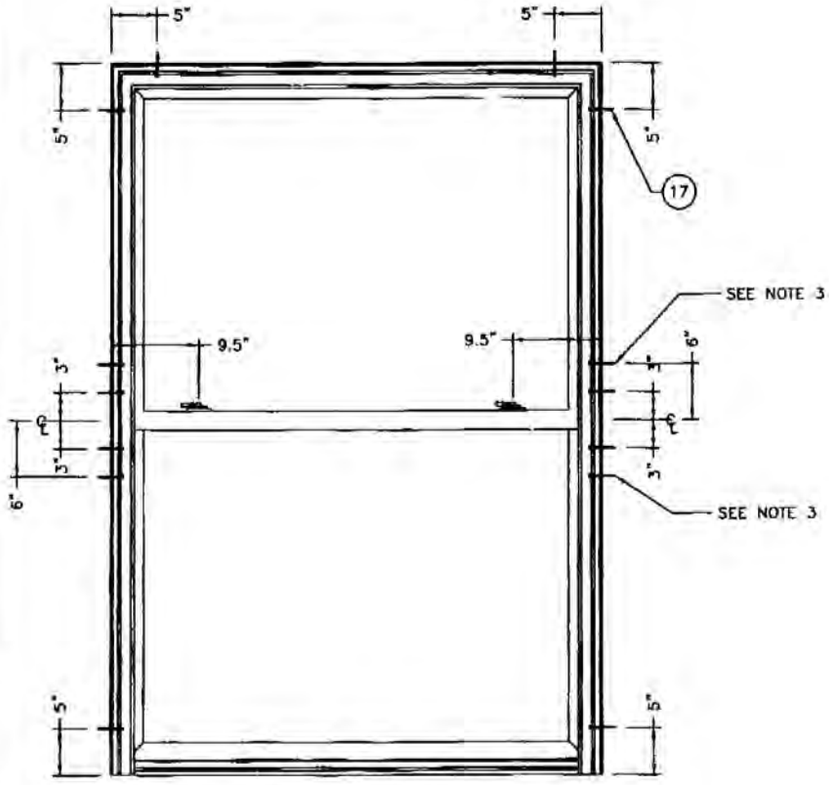
Approved as complying with the Florida Building Code
Date 06/05/04
NOA# 04-0414.06
Miami-Dade Product Control Division
By

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Venice FL 33595
Phone No.: 813.698.8187
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Hongo P.E. No. 54158
6-24-04

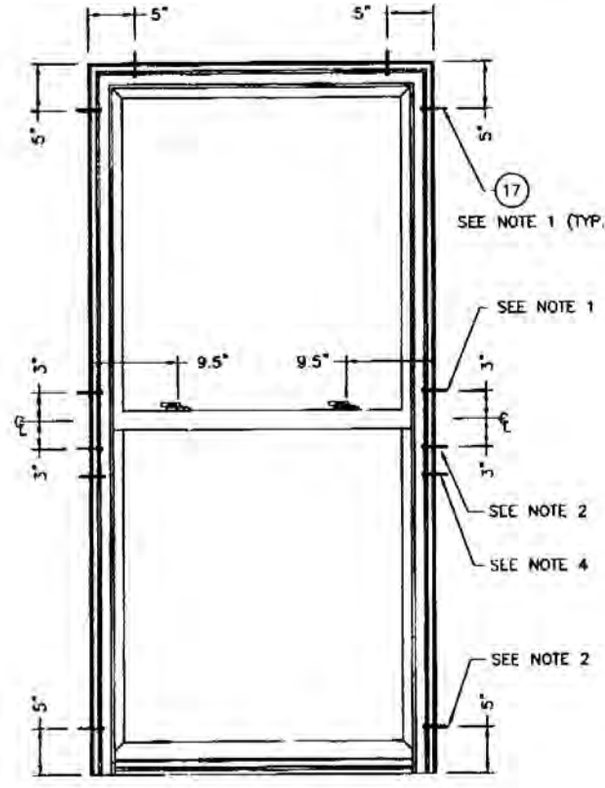
PRODUCT: STORM BREAKER PLUS IMPACT 5500 SERIES PVC DOUBLE HUNG WINDOW
PART OR ASSEMBLY: HORIZONTAL CROSS SECTION

NO.	DATE	REVISIONS	BY
1	6/24/04	PER DADE 5/19/04 LETTER	RW

DATE: 04/05/04
SCALE: NTS
DWG. BY: EW
CHK. BY: RW
DRAWING NO.: S-2361
SHEET 3 OF 6



ANCHORING LOCATIONS
SINGLE WINDOW
53" x 71"



ANCHORING LOCATIONS
SINGLE WINDOW
37" x 76"

NOTES:

1. SCREWS ARF LOCATED IN INTERIOR TRACK
2. SCREWS ARE LOCATED IN EXTERIOR TRACK
3. THESE SCREWS ARE ONLY REQUIRED WHEN THE DESIGN PRESSURE IS GREATER THAN +35/-35 PSF.
4. THESE SCREWS ARE ONLY REQUIRED WHEN THE DESIGN PRESSURE IS GREATER THAN +41/-41 PSF.

Approved as complying with the Florida Building Code
Date 06/08/04
NOA# 04-0521.08
Miami-Dade Product Control Division
By

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL. 33595
Phone No.: 813.689.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
6-24-04
Wendell W. Hartt P.E. No. 34139

PRODUCT:
STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW
PART OR ASSEMBLY:
ANCHORING LOCATIONS

NO.	DATE	REVISIONS	BY
1	6/24/04	PER DADE 5/19/04 LETTER	RW

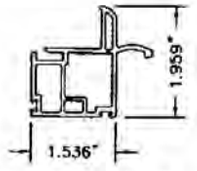
DATE: 04/05/04
SCALE: NTS
DRG. BY: EW
CHK. BY: RW
DRAWING NO.: S-2361
SHEET 4 OF 6

BILL OF MATERIALS

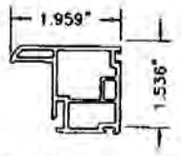
ITEM	DESCRIPTION	MATERIAL
1	COMMON SASH	VINYL
2	LIFT RAIL	VINYL
3	EQUAL GLASS STILE	VINYL
4	LIFT RAIL	VINYL
5	HEAD INSERT	-
6	KEEPER RAIL	VINYL
7	2 x 4 INNER TEST BUCK	WOOD
8	2 x 6 OUTER TEST BUCK	WOOD
9	1" BEAD	-
10	FOAM TITE C-FOLD BY AMESBURY GROUP	FOAM
11	FIN WEATHERSTRIPPING CL40101 (.250)	FOAM
12	FOAM BULB (TOP RAIL) BY AMESBURY GROUP	FOAM
13	SCREEN TRACK INSERT	-
14	SILICONE CAULK	SILICONE
15	GLAZING COMPOUND (NATIONAL STARCH 939A)	-
16	SILL	VINYL
17	#10 x 3" SHEET METAL SCREW	STEEL
18	NOT USED	-
19	1" INSULATED IMPACT RESISTANT GLASS (SEE GLAZING DETAILS SHEET 2 AND SHEET 3)	GLASS
20	KEEPER LOCK SET 30219 BY TRUTH	-
21	LOCK RAIL	-
22	#10 x 2" SHEET METAL SCREW	STEEL
23	NOT USED	-
24	EXTRUDED VINYL DOUBLE HUNG HEADER/JAMB	VINYL
25	NOT USED	-
26	SCREEN	-
27	REINFORCEMENT 16107	ALUM.
28	REINFORCEMENT 56109	ALUM.
29	REINFORCEMENT 60911	ALUM.
30	REINFORCEMENT 56110	ALUM.
31	FIN WEATHERSTRIPPING SM40118 (.340)	FOAM
32	FOAM TITE BULB (BOTTOM RAIL SILL) BY AMESBURY	FOAM
33	FOAM TITE FRAME .180 HD INSERT BY AMESBURY	FOAM
34	TILT LATCH 76825 BY ASHLAND	-
35	OFFSET PIVOT BAR 12985 BY ASHLAND	-
36	REINFORCEMENT 56111	ALUM.
37	REINFORCEMENT DH78/79	STEEL
38	REINFORCEMENT DH75	STEEL
39	REINFORCEMENT ST-439	STEEL
40	REINFORCEMENT DH76	STEEL
41	SHIM	WOOD



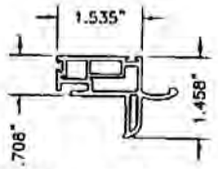
1 COMMON SASH
P/N DH75



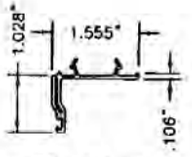
2 EQUAL GLASS LIFT RAIL
P/N DH79



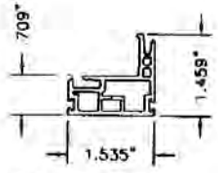
3 EQUAL GLASS STILE
P/N DH78



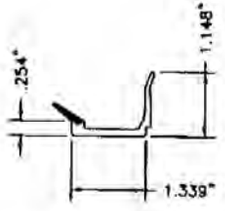
4 LIFT RAIL
P/N DH76



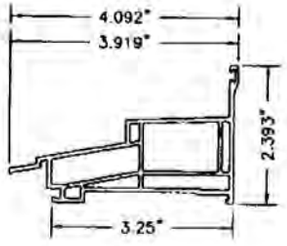
5 HEAD INSERT
P/N VPI-431



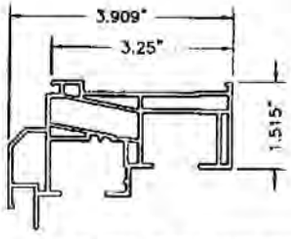
6 KEEPER RAIL
P/N DH74



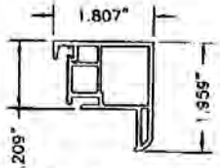
9 1" BEAD BVIB



16 SILL
P/N DH73



24 (DOUBLE HUNG) JAMB/HEAD
P/N DH71



21 LOCK RAIL
P/N DH77

Approved as complying with the Florida Building Code
Date 06/03/04
NOA# 03-0821.06
Miami Dade Product Control Division
By

Documents Prepared by:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Yorktown FL. 33585
Phone No.: 813.659.9187
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
6-24-04
Wendell W. Wood, P.E. No. 34158

PRODUCT:
STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
BILL OF MATERIALS AND COMPONENTS

NO.	DATE	REVISIONS	BY
1	6/24/04	PER DADE 5/19/04 LETTER	RW

DATE: 04/05/04
SCALE: NTS
DWG. BY: EW
CHK. BY: RW
DRAWING NO.: S-2361
SHEET 5 OF 6

\\Server\data\Active Projects\S-2361\S-2361-5.DWG



(10) FOAM TITE C-FOLD BOTTOM RAIL WEATHERSTRIPPING

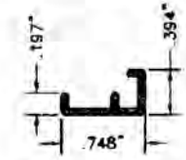
(11) PILE WEATHERSTRIPPING



(12) FOAM TITE TOP RAIL BULB



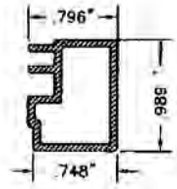
(13) SCREEN TRACK INSERT



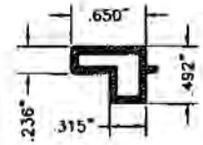
(27) REINFORCEMENT 16107
P/N DH76A
ALUM 6063-T5 .062" WALL



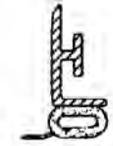
(28) REINFORCEMENT 56109
P/N DH78A/DH79A
ALUM 6063-T5 .062" WALL



(29) REINFORCEMENT 60911
ALUM 6063-T5 .062" WALL



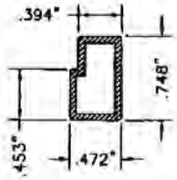
(30) REINFORCEMENT 56110
P/N DH74A
ALUM 6063-T5 .062" WALL



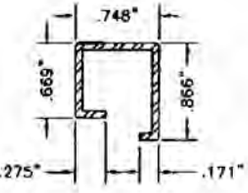
(32) FOAM TITE BOT RAIL SILL BULB



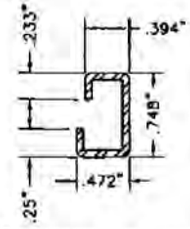
(33) FOAM TITE FRAME .180 (HD INSERT)



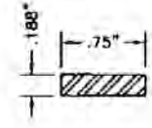
(36) REINFORCEMENT 56111
P/N DH75A
ALUM 6063-T5 .062 WALL



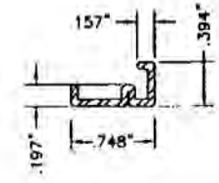
(37) REINFORCEMENT DH78/79
16 GA H.D. GALV G-90



(38) REINFORCEMENT DH75
16 GA H.D. GALV G-90



(39) REINFORCEMENT ST-439
.188" GALV STEEL



(40) REINFORCEMENT DH76
16 GA H.D. GALV G-90

Approved as complying with the Florida Building Code
Date: 06/05/04
NOA #: 04-0427.05
Miami-Dade Product Control Division
By:

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Venice FL 33595
Phone No.: 813.858.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9613
6-24-04
Ronald W. Wiley, P.E. No. 34158

PRODUCT:
STORM BREAKER PLUS
IMPACT 5500 SERIES
PVC DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
COMPONENTS

NO	DATE	REVISIONS	BY
1	6/24/04	PER DADE 5/19/04 LETTER	RW

DATE: 04/05/04
SCALE: NTS
DWG. BY: EW
CHK. BY: RW
DRAWING NO.: S-2361
SHEET 6 OF 6

B0604692

2464 Prairie Ave.

4

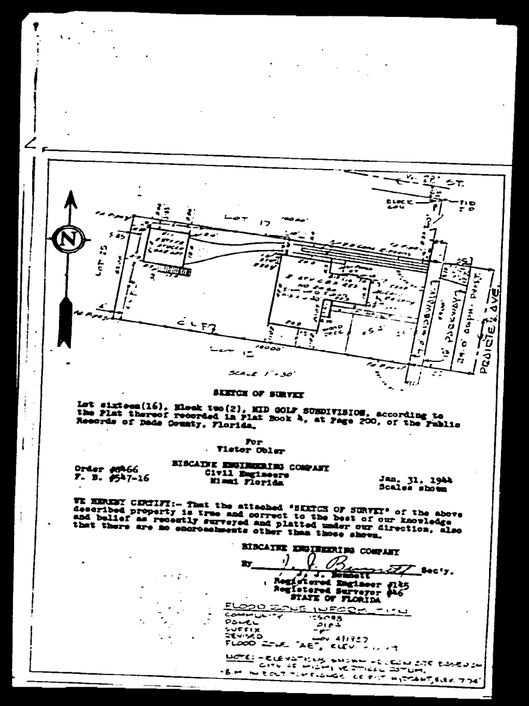
PERMIT #

B88-01102

ADDRESS :

74

4



SKETCH OF SURVEY

Lot sixteen(16), Block two(2), KID GOLF SUBDIVISION, according to the Plat thereof recorded in Plat Book 4, at Page 200, of the Public Records of Dade County, Florida.

For

Victor Obler

HISCAIYK ENGINEERING COMPANY
Civil Engineers
Miami Florida

Order #9866
F. B. #547-16

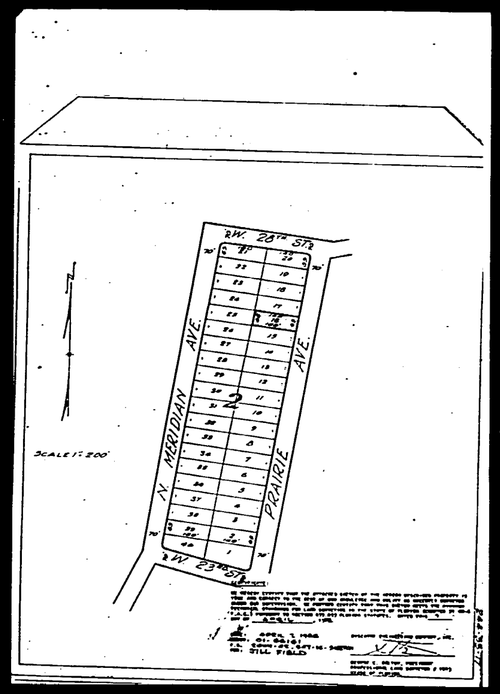
Jan. 31, 1944
Scales shown

WE HEREBY CERTIFY:- That the attached 'SKETCH OF SURVEY' of the above described property is true and correct to the best of our knowledge and belief as recently surveyed and platted under our direction, also that there are no encroachments other than those shown.

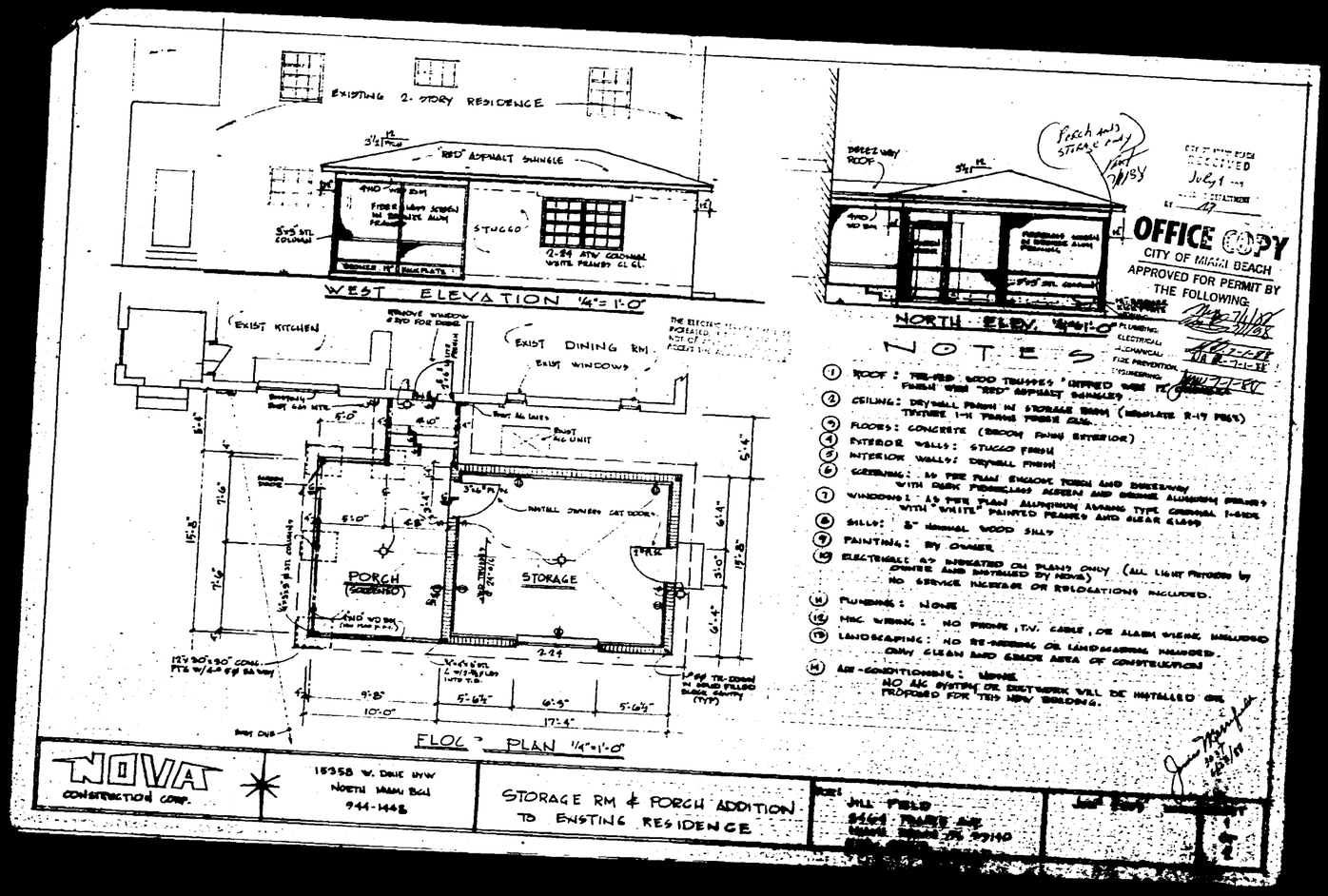
HISCAIYK ENGINEERING COMPANY

By _____ Sec'y.
Registered Engineer #145
Registered Surveyor #46
STATE OF FLORIDA

4



4



OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:
PLUMBING
ELECTRICAL
MECHANICAL
FIRE PREVENTION
STRUCTURAL

RECEIVED
JUL 1 --

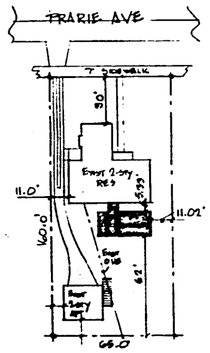
NOTES

1. ROOF: TILE-RED WOOD TRUSSES, UNVENTED WHERE PITCHED FINISH WITH "RED" ASPHALT SHINGLES
2. CEILING: DRYWALL FINISH IN STORAGE ROOM (INSULATE R-19 MIN.) TEXTURE 1-H FINISH PORCH CEIL.
3. FLOORS: CONCRETE (BROOM FINISH EXTERIOR)
4. EXTERIOR WALLS: STUCCO FINISH
5. INTERIOR WALLS: DRYWALL FINISH
6. SCREENING: 84" HIGH PLAN ENCLOSE PORCH AND BREEZEWAY WITH DARK CHARCOAL ALUMINUM SCREEN AND BRONZE ALUMINUM SCREEN DOORS
7. WINDOWS: AS PER PLAN ALUMINUM AWNING TYPE CASEMENT 1-SIDE WITH "WHITE" PAINTED FRAMES AND CLEAR GLASS
8. SILLS: 5" NOMINAL WOOD SILLS
9. PAINTING: BY OWNER
10. ELECTRICAL: AS INDICATED ON PLANS ONLY (ALL LIGHT FIXTURES BY OWNER AND INSTALLED BY NOVA) NO SERVICE INCREASE OR RELOCATIONS INCLUDED.
11. PLUMBING: NONE
12. MISC. WIRING: NO PHONE, T.V. CABLE, OR ALARM WIRING INCLUDED
13. LANDSCAPING: NO RE-GRADING OR LANDSCAPING INCLUDED ONLY CLEAN AND GRADE AREA OF CONSTRUCTION
14. AIR-CONDITIONING: UNKNOWN NO A/C SYSTEM OR DUCTWORK WILL BE INSTALLED OR PROPOSED FOR THIS NEW ADDITION.

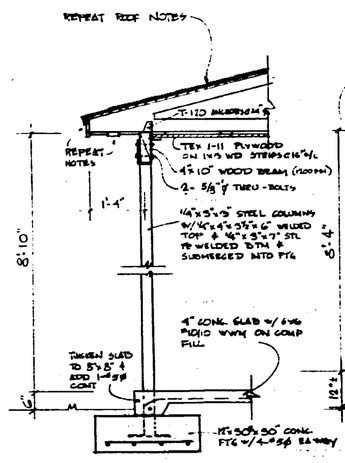
NOVA CONSTRUCTION CORP.	18358 W. DIXIE HWY NORTH MIAMI BCH 944-1448	STORAGE RM & PORCH ADDITION TO ENSTING RESIDENCE	OWNER: JILL FIELD 2464 PARK AVE MIAMI BEACH, FLA 33140	Last Revised	SHEET 1 OF 2

4

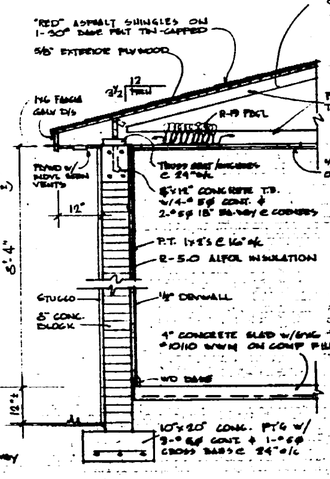
LEGAL: LOT-16 BLOCK-2
MID GOLF SUBDIVISION
P.B. -4 PG 200
DADE CO. FL.



SITE PLAN 1"=30'-0"



PORCH SECTION 3/4"=1'-0"



WALL SECTION 3/4"=1'-0"

Contr. shall submit S.I.D. Shop dwgs for Trusses to CMB Bldg Dept Prior to erection

7/1/87

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING 7/1/87
ZONING
PLUMBING
ELECTRICAL
MECHANICAL
FIRE PREVENTION 7-7-87
PUBLIC WORKS

Porch & Storage only

NOTE: TROPICAL CONSERVATION SHALL MEET THE REQUIREMENTS OF CHAPTER 119 OF B.R.B.C. ADOPTED MAY 2ND 86 PER ORDINANCE 86-5

NOVA CONSTRUCTION CORP.	15358 W. DIXIE HWY NORTH MIAMI BCH 944-1448	PORCH & STORAGE ROOM ADDITION TO EXISTING RESIDENCE	FOR: JILL FIELD 2464 PRAIRIE AVE MIAMI BCH 33140	JOB # 8708	SHEET 2 of 2

4

B8801102

4

PERMIT #	COMP_TYPE	SUB_TYPE	APPLIED	APPROVED	EXPIRED	STATUS	DESCRIPTION	STREET_NO	TREET_DIRECTIO	STREET_NAME	PARCEL_NO
BMS1600996	BMISC	DOC HIST	26-Jan-16			APPLIED	1 cd	2464		PRAIRIE AV	32270060410
BMS0102659	BMISC		31-May-01	31-May-01		CLOSED	SIX XEROS COPIES OF ORG BLDG CARD	2464		PRAIRIE AV	32270060410
BMS0303976	BMISC		28-Aug-03	28-Aug-03		CLOSED	4 PHOTOCOPIES	2464		PRAIRIE AV	32270060410
BMS60207	BMISC	OTH	04-Dec-95	04-Dec-95		CLOSED	1 MICROFILM COPY	2464		PRAIRIE AV	32270060410
BMS10007	BMISC	OTH	01-Oct-90	01-Oct-90		CLOSED	5 BLDG CARD XEROX COPIES	2464		PRAIRIE AV	32270060410
BMS10856	BMISC	OTH	22-Apr-91	22-Apr-91		CLOSED	BUILDING CARD PHOTOCOPIES (5)	2464		PRAIRIE AV	32270060410
BP040332	BPLUM	ALTRMDL	08-Dec-03	08-Dec-03	05-Jun-04	CLOSED	GAS W/H /RNW EXP. PERMIT #BP040332 & RPLC W/PERMIT #BP071502	2464		PRAIRIE AV	32270060410
BP071502	BPLUM	ALTRMDL	29-Jun-07	29-Jun-07	08-Jan-08	FINAL	RNW EXP. PERMIT #BP040332 & RPLC W/PERMIT #BP071502/GAS W/H	2464		PRAIRIE AV	32270060410
BP960694	BPLUM	OTH	17-Apr-96	17-Apr-96	14-Oct-96	FINAL	B/FLOW-LAWN SPRINKLERS	2464		PRAIRIE AV	32270060410
BP990610	BPLUM	OTH	25-Feb-99	25-Feb-99	05-Sep-99	FINAL	RUN NEW SEWER LINE FROM SIDEWALK T/HOUSE	2464		PRAIRIE AV	32270060410
B0604692	BSBUILD	DRWNW-R	16-Jun-06	29-Jun-06	29-May-07	FINAL	REPLACE 8 IMPACT WINDOWS & 3 IMPACT DOORS TOTAL 11	2464		PRAIRIE AV	32270060410
B0000054	BSBUILD		06-Oct-99	11-Oct-99	08-Apr-00	FINAL	INSTALLATION OF STEEL SHUTTERS(51)	2464		PRAIRIE AV	32270060410
B9904707	BSBUILD		08-Sep-99	08-Sep-99	17-Jul-00	FINAL	REEROOF TILE TO TILE 2600 SQS FT	2464		PRAIRIE AV	32270060410
B9901809	BSBUILD	OTH	25-Feb-99			VOID	RUN NEW SEWER LINE FROM SIDEWALK T/HOUSE	2464		PRAIRIE AV	32270060410
BV07000201	BVIO	STRUCT	04-Dec-06	05-Dec-06	15-May-07	VOID	NOV issued for the installation of the impact windows and doors without permit.Needs to obtain the required Building permit to correct this violation.	2464		PRAIRIE AV	32270060410