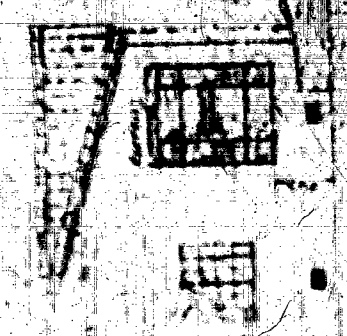
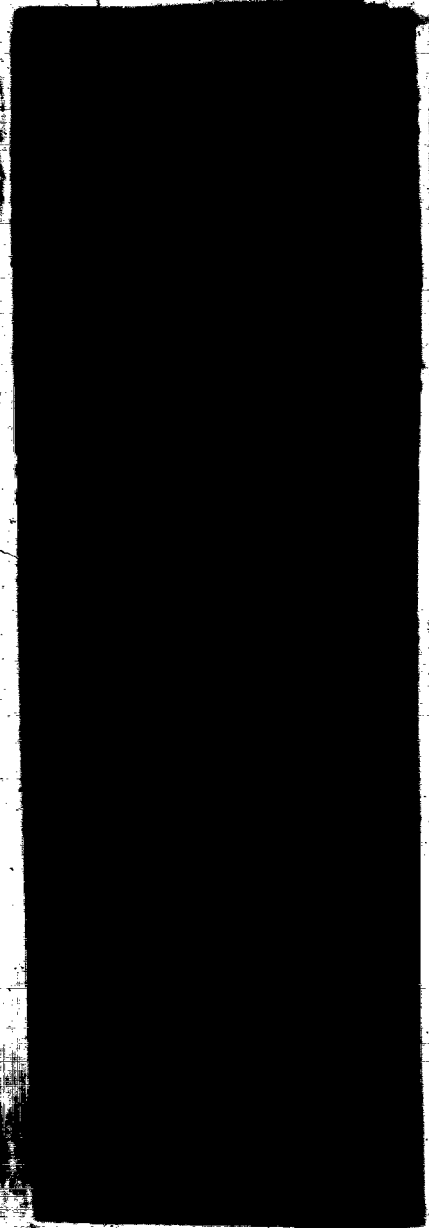




Page 1 of 1



# MIAMI BEACH

## Plan Routing Sheet

| General Information              |                                                      |                           |
|----------------------------------|------------------------------------------------------|---------------------------|
| Date<br>9/18/13                  | Process/Permit Number Re-Submittals Only<br>B1306151 | Historic (Y/N)            |
| Job Address<br>1735 LENOX AVENUE |                                                      |                           |
| Contact Name<br>ROB              | E-mail<br>INFO@FLUCI.NET                             | Telephone<br>786 464-9254 |

**Re-submittals - New Sheets:**

☐ Yes

☐ No

**List all new sheets:**

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### OFFICE USE ONLY

| Required Approvals - As Indicated                     |                                     |                                       |
|-------------------------------------------------------|-------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> Planning & Zoning | <input type="checkbox"/> Fire       | <input type="checkbox"/> Public Works |
| <input type="checkbox"/> Flood Plain Management       | <input type="checkbox"/> Building   | <input type="checkbox"/> Structural   |
| <input type="checkbox"/> Electrical                   | <input type="checkbox"/> Mechanical | <input type="checkbox"/> Plumbing     |
| <input type="checkbox"/> Elevator                     |                                     |                                       |

**Comments:**

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Reviewer: *[Signature]*

Date: 9/18/13



Walk Thru



Drop Off



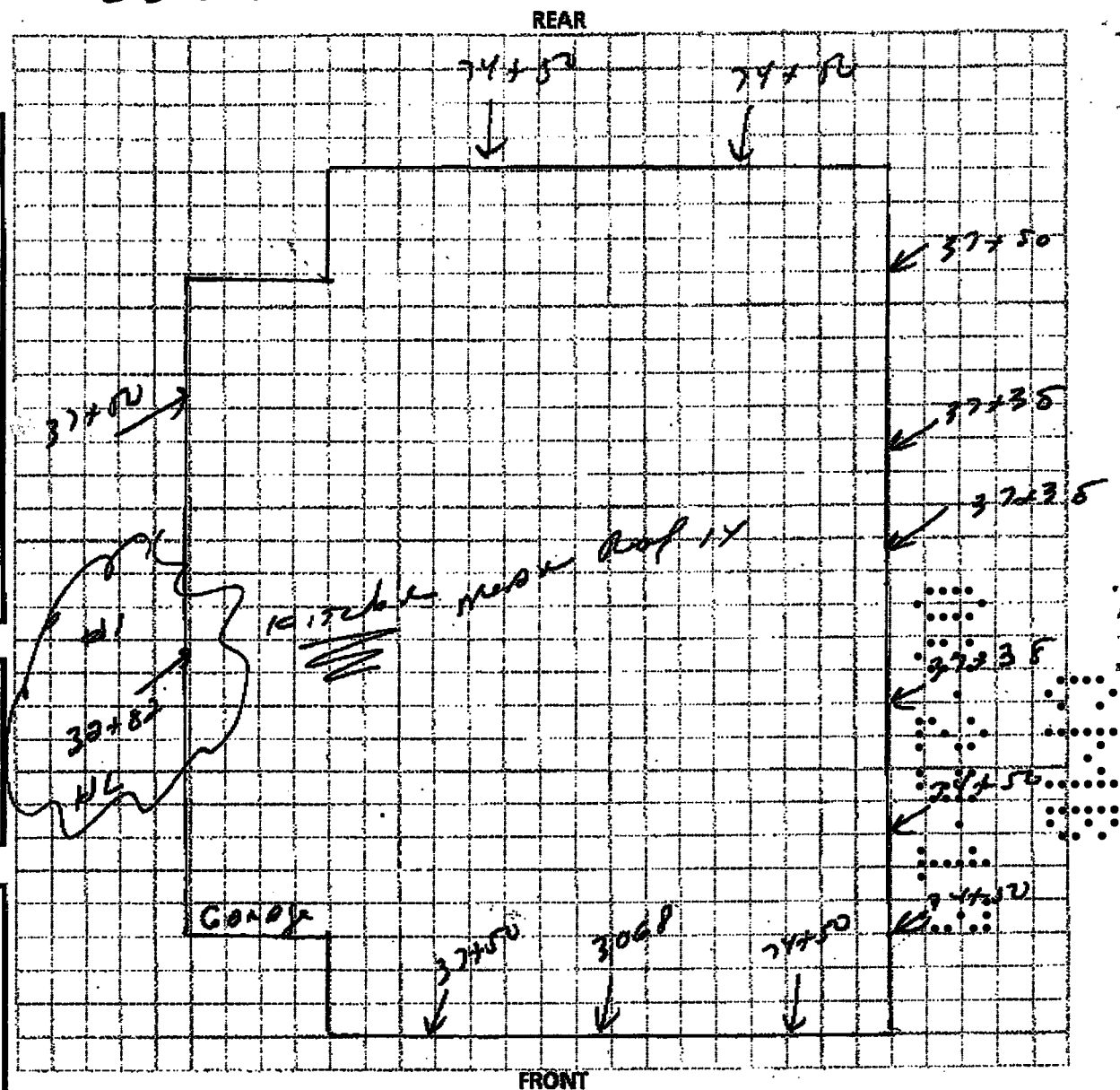
Leads  
Guaranteed  
1-800-447-7744

### Openings:

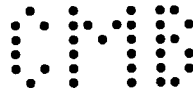
|    |                           |    |  |
|----|---------------------------|----|--|
| 1  | $30 \frac{1}{2} \times 8$ | 11 |  |
| 2  |                           | 12 |  |
| 3  |                           | 13 |  |
| 4  |                           | 14 |  |
| 5  |                           | 15 |  |
| 6  |                           | 16 |  |
| 7  |                           | 17 |  |
| 8  |                           | 18 |  |
| 9  |                           | 19 |  |
| 10 |                           | 20 |  |

# 1-151 # \_\_\_\_\_  
# \_\_\_\_\_ # \_\_\_\_\_  
# \_\_\_\_\_ # \_\_\_\_\_

**\*Indicate interior layout to include bedrooms\***



**\*Measure all openings to apply 25% rule\***



7/12/2013

# WIND 10.0.0

Detailed Wind Load Design (Method 2) per ASCE 7-10

**Analysis by:** EDWARD TORRES 1327 CROTON COURT WESTON FLORIDA 33327

PHONE 954 559-0290

AR# 094792

**Description:** SIMONET COMRAS 1735 LEROX AVENUE MIAMI BEACH, FLA.**User Input Data**

|                                    |          |     |
|------------------------------------|----------|-----|
| Structure Type                     | Building |     |
| Basic Wind Speed (V)               | 175      | mph |
| Struc Category (I, II, III, or IV) | II       |     |
| Exposure (B, C, or D)              | D        |     |
| Struc Nat Frequency (n1)           | 1        | Hz  |
| Slope of Roof                      | 4.0      | :12 |
| Slope of Roof (Theta)              | 18.4     | Deg |
| 990                                | Hipped   |     |
| 980                                | 1        |     |
| 970                                | 11.00    | ft  |
| 960                                | 18.00    | ft  |
| 950                                | 14.00    | ft  |
| 940                                | 48.00    | ft  |
| 930                                | 42.00    | ft  |

910

**900****890**

|     |      |
|-----|------|
| 880 | 0.33 |
| 870 | No   |

860

**Calculated Parameters**

|                                    |           |
|------------------------------------|-----------|
| Importance Factor                  | 1         |
| Hurricane Prone Region (V>100 mph) |           |
| <b>Table 6-2 Values</b>            |           |
| Alpha =                            | 11.500    |
| zg =                               | 700.000   |
| At =                               | 0.087     |
| Bt =                               | 1.070     |
| Bm =                               | 0.800     |
| Cc =                               | 0.150     |
| l =                                | 650.00 ft |
| Epsilon =                          | 0.125     |
| Zmin =                             | 7.00 ft   |

**850**

|     |                                                 |      |
|-----|-------------------------------------------------|------|
| 840 | For rigid structures (Nat Freq > 1 Hz) use 0.85 | 0.85 |
|-----|-------------------------------------------------|------|

**830**

|     |                                               |           |
|-----|-----------------------------------------------|-----------|
| 820 | $0.6 * H_t$                                   | 8.40 ft   |
| 810 | $C_c * (33/z)^{0.167}$                        | 0.1885    |
| 800 | $l * (z_m/33)^{Epsilon}$                      | 547.82 ft |
| 790 | $(1/(1+0.63*((B+H_t)/L_zm)^{0.63}))^{0.5}$    | 0.9286    |
| 780 | $0.925*((1+1.7*L_zm*3.4*Q)/(1+1.7*3.4*L_zm))$ | 0.8906    |

**630**

|     |                                                                              |      |
|-----|------------------------------------------------------------------------------|------|
| 620 | Since this is not a flexible structure the lessor of Gust1 or Gust2 are used | 0.85 |
|-----|------------------------------------------------------------------------------|------|

610

**600****580****590**

570

560

550

540

530

520

510

| Condition                    | Gcpi        |              |
|------------------------------|-------------|--------------|
|                              | Max +       | Max -        |
| Open Buildings               | 0.00        | 0.00         |
| Partially Enclosed Buildings | 0.55        | -0.55        |
| Enclosed Buildings           | 0.18        | -0.18        |
| <b>Enclosed Buildings</b>    | <b>0.18</b> | <b>-0.18</b> |

7/12/13  
Edward Torres

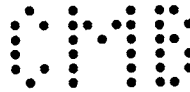
**WIND10**

Detailed Wind Load Design (Method 2) per ASCE 7-10

**470**

460

| 450<br>440<br>430 | Kz   | Kzt  | qz<br><br>lb/ft^2 | Pressure (lb/ft^2) |       |              |        |         | Shear<br><br>(Kip) | Moment<br><br>(Kip-ft) |
|-------------------|------|------|-------------------|--------------------|-------|--------------|--------|---------|--------------------|------------------------|
|                   |      |      |                   | Windward Wall*     |       | Leeward Wall |        | Total   |                    |                        |
|                   |      |      |                   | +GCpi              | -GCpi | +GCpi        | -GCpi  | +/-Gcpi |                    |                        |
| 18                | 1.06 | 1.00 | 83.37             | 47.96              | 65.42 | -29.34       | -11.88 | 77.31   | 11.13              | 16.70                  |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 200.38                 |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 367.36                 |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 534.34                 |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 701.32                 |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 868.30                 |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 1035.28                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 1202.26                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 1369.24                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 1536.22                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 1703.20                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 1870.18                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 2037.16                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 2204.14                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 2371.12                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 2538.10                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 2705.07                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 2872.05                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 3039.03                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 3206.01                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 3372.99                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 3539.97                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 3706.95                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 3873.93                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 4040.91                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 4207.89                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 4374.87                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 4541.85                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 4708.83                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 4875.81                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 5042.79                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 5209.77                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 5376.75                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 5543.73                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 5710.71                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 5877.69                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 6044.67                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 6211.65                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 6378.63                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 6545.61                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 6712.59                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 6879.57                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 7046.55                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 7213.53                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 7380.51                |
| 15                | 1.03 | 1.00 | 80.77             | 46.19              | 63.65 | -29.34       | -11.88 | 75.54   | 11.13              | 7547.49                |



# WIND10

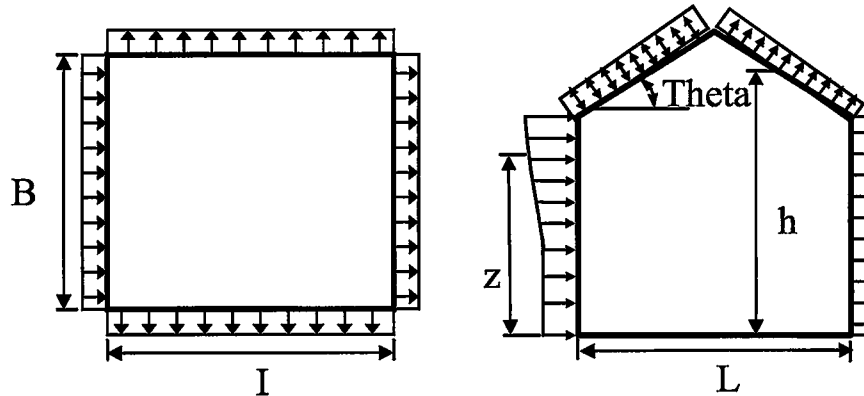
Detailed Wind Load Design (Method 2) per ASCE 7-10

|    |      |      |       |       |       |        |        |       |       |          |
|----|------|------|-------|-------|-------|--------|--------|-------|-------|----------|
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 7714.47  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 7881.45  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 8048.43  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 8215.41  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 8382.39  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 8549.37  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 8716.35  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 8883.33  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 9050.31  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 9217.29  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 9384.27  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 9551.25  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 11.13 | 9718.23  |
| 15 | 1.03 | 1.00 | 80.77 | 46.19 | 63.65 | -29.34 | -11.88 | 75.54 | 65.52 | 10293.11 |

Note: 1) Positive forces act toward the face and Negative forces act away from the face.

## Figure 6-6 - External Pressure Coefficients, $C_p$

Loads on Main Wind-Force Resisting Systems (Method 2)



| Variable  | Formula                                                         | Value | Units |
|-----------|-----------------------------------------------------------------|-------|-------|
| $K_h$     | $2.01 \cdot (15/z_g)^{2/\alpha}$                                | 1.03  |       |
| $K_{ht}$  | Topographic factor (Fig 6-4)                                    | 1.00  |       |
| $Q_h$     | $.00256 \cdot (V)^2 \cdot I \cdot K_h \cdot K_{ht} \cdot K_d$   | 48.50 | psf   |
| $K_{hcc}$ | Comp & Clad: Table 6-3 Case 1                                   | 1.03  |       |
| $Q_{hcc}$ | $.00256 \cdot V^2 \cdot I \cdot K_{hcc} \cdot K_{ht} \cdot K_d$ | 48.50 | psf   |

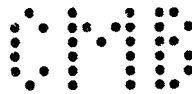
## Wall Pressure Coefficients, $C_p$

| Surface                                             | $C_p$ |
|-----------------------------------------------------|-------|
| Windward Wall (See Figure 6.5.12.2.1 for Pressures) | 0.8   |

## Roof Pressure Coefficients, $C_p$

|                     |      |
|---------------------|------|
| Roof Area (sq. ft.) | -    |
| Reduction Factor    | 1.00 |

| Calculations for Wind Normal to 48 ft Face             | $C_p$ | Pressure (psf) |        |
|--------------------------------------------------------|-------|----------------|--------|
| Additional Runs may be req'd for other wind directions |       | +GCpi          | -GCpi  |
| Leeward Walls (Wind Dir Normal to 48 ft wall)          | -0.50 | -29.34         | -11.88 |
| Leeward Walls (Wind Dir Normal to 42 ft wall)          | -0.47 | -28.16         | -10.70 |



7/12/2013

## WIND10

Detailed Wind Load Design (Method 2) per ASCE 7-10

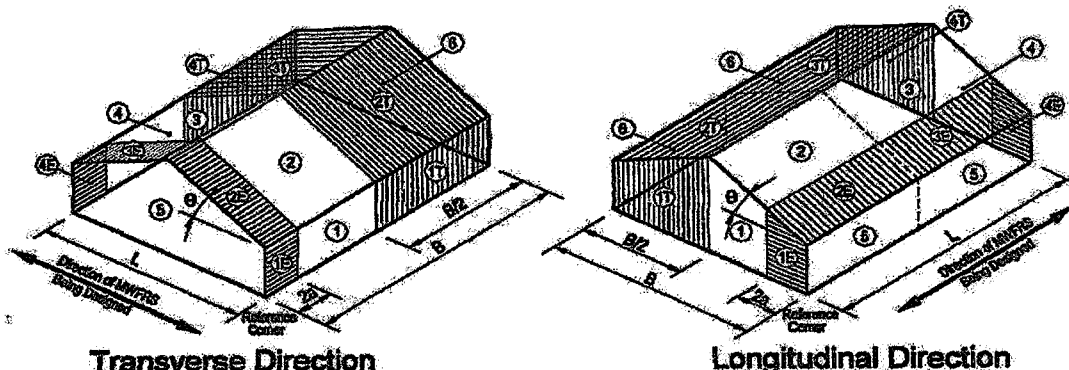
|                                                                           |       |        |        |
|---------------------------------------------------------------------------|-------|--------|--------|
| Side Walls                                                                | -0.70 | -37.59 | -20.13 |
| Roof - Wind Normal to Ridge (Theta >= 10) - for Wind Normal to 48 ft face |       |        |        |
| Windward - Min Cp                                                         | -0.41 | -25.55 | -8.09  |
| Windward - Max Cp                                                         | 0.07  | -5.78  | 11.68  |
| Leeward Normal to Ridge                                                   | -0.57 | -32.15 | -14.69 |
| Overhang Top (Windward)                                                   | -0.41 | -16.82 | -16.82 |
| Overhang Top (Leeward)                                                    | -0.57 | -23.42 | -23.42 |
| Overhang Bottom (Applicable on Windward only)                             | 0.80  | 54.92  | 54.92  |
| Roof - Wind Parallel to Ridge (All Theta) - for Wind Normal to 42 ft face |       |        |        |
| Dist from Windward Edge: 0 ft to 28 ft - Max Cp                           | -0.18 | -16.15 | 1.31   |
| Dist from Windward Edge: 0 ft to 7 ft - Min Cp                            | -0.90 | -45.83 | -28.37 |
| Dist from Windward Edge: 7 ft to 14 ft - Min Cp                           | -0.90 | -45.83 | -28.37 |
| Dist from Windward Edge: 14 ft to 28 ft - Min Cp                          | -0.50 | -29.34 | -11.88 |
| Dist from Windward Edge: > 28 ft                                          | -0.30 | -21.10 | -3.64  |

\* Horizontal distance from windward edge

### Figure 6-10 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

|         |                                                                       |   |          |
|---------|-----------------------------------------------------------------------|---|----------|
| Kh =    | $2.01 \cdot (15/z_g)^{2/\alpha}$                                      | = | 1.03     |
| Kht =   | Topographic factor (Fig 6-2)                                          | = | 1.00     |
| Qh =    | $0.00256 \cdot (V)^2 \cdot \text{ImpFac} \cdot Kh \cdot Kht \cdot Kd$ | = | 48.50    |
| Theta = | Angle of Roof                                                         | = | 18.4 Deg |



### Torsional Load Cases

| Wind Pressures on Main Wind Force Resisting System |       |       |       |          |             |             |
|----------------------------------------------------|-------|-------|-------|----------|-------------|-------------|
| Surface                                            | GCpf  | +GCpi | -GCpi | qh (psf) | Min P (psf) | Max P (psf) |
| 1                                                  | 0.52  | 0.18  | -0.18 | 80.77    | 27.15       | 56.23       |
| 2                                                  | -0.69 | 0.18  | -0.18 | 80.77    | -70.27      | -41.19      |
| 3                                                  | -0.47 | 0.18  | -0.18 | 80.77    | -52.36      | -23.28      |
| 4                                                  | -0.42 | 0.18  | -0.18 | 80.77    | -48.06      | -18.99      |
| 5                                                  | -0.45 | 0.18  | -0.18 | 80.77    | -50.89      | -21.81      |

# WIND10

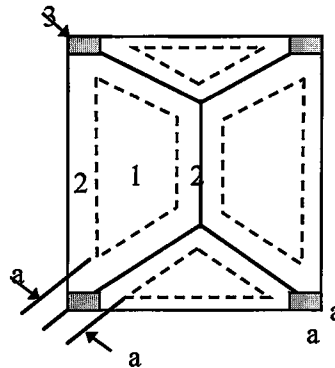
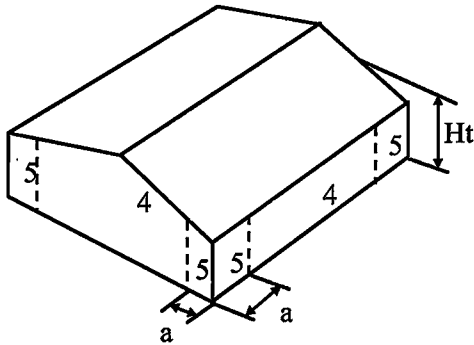
Detailed Wind Load Design (Method 2) per ASCE 7-10

|    |       |      |       |       |        |        |
|----|-------|------|-------|-------|--------|--------|
| 6  | -0.45 | 0.18 | -0.18 | 80.77 | -50.89 | -21.81 |
| 1E | 0.78  | 0.18 | -0.18 | 80.77 | 48.44  | 77.52  |
| 2E | -0.54 | 0.18 | -0.18 | 80.77 | -58.15 | -29.08 |
| 3E | -0.51 | 0.18 | -0.18 | 80.77 | -55.73 | -26.65 |
| 4E | -0.62 | 0.18 | -0.18 | 80.77 | -64.42 | -35.34 |

\* p = qh \* (GCpf - GCpi)

## Figure 6-11 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft



Hipped Roof

7 < Theta <= 27

a = 4.2 ==> 4.20 ft

Double Click on any data entry line to receive a help Screen

| Component | Width (ft) | Span (ft) | Area (ft^2) | Zone | GCp  |       | Wind Press (lb/ft^2) |        |
|-----------|------------|-----------|-------------|------|------|-------|----------------------|--------|
|           |            |           |             |      | Max  | Min   | Max                  | Min    |
| 1. DOOR   | 2.65       | 6.67      | 17.68       | 4    | 0.96 | -1.06 | 55.11                | -59.96 |
|           |            |           |             |      |      |       |                      |        |
|           |            |           |             |      |      |       |                      |        |
|           |            |           |             |      |      |       |                      |        |
|           |            |           |             |      |      |       |                      |        |
|           |            |           |             |      |      |       |                      |        |
|           |            |           |             |      |      |       |                      |        |

Note: \* Enter Zone 1 through 5, or 1H through 3H for overhangs.



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**Product Approval**  
USER: Public User

Product Approval Menu > Product or Application Search > Application List > Application Detail

FL # FL4334-R6  
Application Type Affirmation  
Code Version 2010  
Application Status Approved  
Comments  
Archived ☐

Product Manufacturer  
Address/Phone/Email

Masonite International  
1955 Powis Road  
West Chicago, IL 60438  
(615) 441-4258  
sschreiber@masonite.com

Authorized Signature

Steve Schreiber  
sschreiber@masonite.com

Technical Representative  
Address/Phone/Email

Quality Assurance Representative  
Address/Phone/Email

Category  
Subcategory

Exterior Doors  
Swinging Exterior Door Assemblies

Compliance Method

Classification Mark or Listing

Certification Agency  
Validated By

International Accreditation & Management Institute,  
National Accreditation & Management Institute,

Referenced Standard and Year (of Standard)

| Standard | Year |
|----------|------|
| TAS 201  | 1994 |
| TAS 202  | 1994 |
| TAS 203  | 1994 |

Equivalence of Product Standards  
Certified By

☒ I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity

☐ Yes ☐ No ☐ N/A

Product Approval Method

Method 1 Option A

Date Submitted

02/06/2012

Date Validated

02/06/2012

Date Pending FBC Approval

Date Approved

02/13/2012

**Summary of Products**

| FL #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Model, Number or Name                            | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4334.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fiberglass Side-hinged Door Units - Impact Rated | 8'-8" Opaque I/S and O/S Single Door                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +70.0/-70.0<br><b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 6'-8" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0120-05 for additional information.  |                                                  | <b>Certification Agency Certificate</b><br><a href="#">FL4334_R6_C_CAC_NI005930.01.PDF</a><br><b>Quality Assurance Contract Expiration Date</b><br>04/30/2015<br><b>Installation Instructions</b><br><a href="#">FL4334_R6_II_FL0120.pdf</a><br><b>Verified By:</b> National Accreditation & Management Institute,<br>Created by Independent Third Party:<br><b>Evaluation Reports</b><br><a href="#">FL4334_R6_AE_504A.pdf</a><br>Created by Independent Third Party: Yes |
| 4334.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fiberglass Side-hinged Door Units - Impact Rated | 8'-0" Opaque I/S and O/S Single Door                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +70.0/-70.0<br><b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 8'-0" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0121-05 for additional information.  |                                                  | <b>Certification Agency Certificate</b><br><a href="#">FL4334_R6_C_CAC_NI005930.02.PDF</a><br><b>Quality Assurance Contract Expiration Date</b><br>04/30/2015<br><b>Installation Instructions</b><br><a href="#">FL4334_R6_II_FL0121.pdf</a><br><b>Verified By:</b> National Accreditation & Management Institute,<br>Created by Independent Third Party:<br><b>Evaluation Reports</b><br><a href="#">FL4334_R6_AE_503A.pdf</a><br>Created by Independent Third Party: Yes |
| 4334.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fiberglass Side-hinged Door Units - Impact Rated | 8'-0" Opaque O/S Door w/ or w/o Sidelites                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +55.0/-50.5<br><b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0121-05 for additional information. |                                                  | <b>Certification Agency Certificate</b><br><a href="#">FL4334_R6_C_CAC_NI005930.02.PDF</a><br><b>Quality Assurance Contract Expiration Date</b><br>04/30/2015<br><b>Installation Instructions</b><br><a href="#">FL4334_R6_II_FL0121.pdf</a><br><b>Verified By:</b> National Accreditation & Management Institute,<br>Created by Independent Third Party:<br><b>Evaluation Reports</b><br><a href="#">FL4334_R6_AE_501A.pdf</a><br>Created by Independent Third Party: Yes |
| 4334.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fiberglass Side-hinged Door Units - Impact Rated | 8'-0" Opaque I/S Door w/ or w/o Sidelites                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +50.5/-50.5<br><b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0121-05 for additional information. |                                                  | <b>Certification Agency Certificate</b><br><a href="#">FL4334_R6_C_CAC_NI005930.02.PDF</a><br><b>Quality Assurance Contract Expiration Date</b><br>04/30/2015<br><b>Installation Instructions</b><br><a href="#">FL4334_R6_II_FL0121.pdf</a><br><b>Verified By:</b> National Accreditation & Management Institute,<br>Created by Independent Third Party:<br><b>Evaluation Reports</b><br><a href="#">FL4334_R6_AE_501A.pdf</a><br>Created by Independent Third Party: Yes |
| 4334.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fiberglass Side-hinged Door Units - Impact Rated | 6'-8" Opaque O/S Door w/ or w/o Sidelites                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +55.0/-50.5<br><b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-8" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0120-05 for additional information. |                                                  | <b>Certification Agency Certificate</b><br><a href="#">FL4334_R6_C_CAC_NI005930.01.PDF</a><br><b>Quality Assurance Contract Expiration Date</b><br>04/30/2015<br><b>Installation Instructions</b><br><a href="#">FL4334_R6_II_FL0120.pdf</a><br><b>Verified By:</b> National Accreditation & Management Institute,<br>Created by Independent Third Party:<br><b>Evaluation Reports</b><br><a href="#">FL4334_R6_AE_502A.pdf</a><br>Created by Independent Third Party: Yes |
| 4334.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fiberglass Side-hinged Door Units - Impact Rated | 6'-8" Opaque I/S Door w/ or w/o Sidelites                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +50.5/-50.5<br><b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0120-05 for additional information. |                                                  | <b>Certification Agency Certificate</b><br><a href="#">FL4334_R6_C_CAC_NI005930.01.PDF</a><br><b>Quality Assurance Contract Expiration Date</b><br>04/30/2015<br><b>Installation Instructions</b><br><a href="#">FL4334_R6_II_FL0120.pdf</a><br><b>Verified By:</b> National Accreditation & Management Institute,<br>Created by Independent Third Party:<br><b>Evaluation Reports</b><br><a href="#">FL4334_R6_AE_502A.pdf</a><br>Created by Independent Third Party: Yes |
| 4334.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fiberglass Side-hinged Door Units - Impact Rated | 8'-0" Glazed I/S and O/S Door w/ or w/o Sidelites                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Limits of Use</b><br><b>Approved for use in HVHZ:</b> Yes<br><b>Approved for use outside HVHZ:</b> Yes<br><b>Impact Resistant:</b> Yes<br><b>Design Pressure:</b> +50.0/-50.0<br><b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure                                                                                                                                                                                                                                                                                          |                                                  | <b>Certification Agency Certificate</b><br><a href="#">FL4334_R6_C_CAC_NI005930.04.PDF</a><br><b>Quality Assurance Contract Expiration Date</b><br>04/30/2015<br><b>Installation Instructions</b><br><a href="#">FL4334_R6_II_FL0123.pdf</a><br><b>Verified By:</b> National Accreditation & Management Institute,                                                                                                                                                         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0123-05 for additional information.</p>                                                                                                                                                                                                                                                                                                                                                 |                                                  | <p>Created by Independent Third Party:<br/> <b>Evaluation Reports</b><br/> <a href="#">FL4334_R6_AE_501A.pdf</a><br/>           Created by Independent Third Party: Yes</p>                                                                                                                                                                                                                                                                                                                                                                |  |
| 4334.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fiberglass Side-hinged Door Units - Impact Rated | <p>6'-8" Glazed I/S and O/S Door w/ or w/o Sidelites</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <p><b>Limits of Use</b><br/> <b>Approved for use in HVHZ:</b> Yes<br/> <b>Approved for use outside HVHZ:</b> Yes<br/> <b>Impact Resistant:</b> Yes<br/> <b>Design Pressure:</b> +60.0/-60.0<br/> <b>Other:</b> Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Hurricane protective system is NOT required. See anchor detail DWG-MA-FL0122-05 for additional information.</p> |                                                  | <p><b>Certification Agency Certificate</b><br/> <a href="#">FL4334_R6_C_CAC_NI005930.03.PDF</a><br/> <b>Quality Assurance Contract Expiration Date</b><br/>           04/30/2015<br/> <b>Installation Instructions</b><br/> <a href="#">FL4334_R6_II_FL0122.pdf</a><br/>           Verified By: National Accreditation &amp; Management Institute,<br/>           Created by Independent Third Party:<br/> <b>Evaluation Reports</b><br/> <a href="#">FL4334_R6_AE_502A.pdf</a><br/>           Created by Independent Third Party: Yes</p> |  |

[Back](#)
[Next](#)

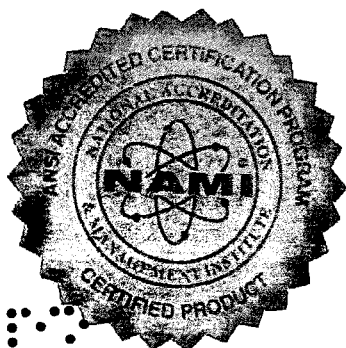
Contact Us :: [1940 North Monroe Street, Tallahassee FL 32399](#) Phone: 850-487-1824

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**Product Approval Accepts:**





## NOTICE OF PRODUCT CERTIFICATION

**Company:** Masonite International Corporation  
1955 Powis Road  
West Chicago, IL 60185

**Certification No.:** NI005930.01  
**Certification Date:** 02/17/2005  
**Expiration Date:** 04/30/2015  
**Revision Date:** 05/23/2011

**Product:** Fiberglass Impact Rated Opaque Inswing or Outswing Door w/ and w/o Impact Rated Sidelites (w/Wood Frame unless noted)

**Specifications Tested To:** TAS 201/202/203-94/ASTM E330

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at [www.Namification.com](http://www.Namification.com). NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

| Configuration               | Inswing or Outswing | Glazed or Opaque                 | Maximum Size | Design Pressure Pos/Neg | Water Test Pressure   | Missile Impact Rated       | Test Report Number<br>Drawing Number & Comments                                  |
|-----------------------------|---------------------|----------------------------------|--------------|-------------------------|-----------------------|----------------------------|----------------------------------------------------------------------------------|
| •X<br>Single                | I/S                 | Opaque                           | 3'0" x 8'0"  | +70/-70                 | 2.86 psf              | Yes                        | NCTL-210-3102-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| •X<br>Single                | O/S                 | Opaque                           | 3'0" x 8'0"  | +70/-70                 | 10.5 psf              | Yes                        | NCTL-210-3102-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| XX<br>Double                | I/S                 | Opaque                           | 6'0" x 8'0"  | +50.5/-50.5             | 2.86 psf              | Yes                        | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| XX<br>Double                | O/S                 | Opaque                           | 6'0" x 8'0"  | +55/-50.5               | 6.0 psf/<br>8.25 psf* | Yes                        | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| XO/OX<br>Single w/Sidelite  | I/S                 | Opaque Door<br>Glazed Sidelite   | 6'0" x 8'0"  | +50.5/-50.5             | 2.86 psf              | Door-Yes<br>Sidelite-Yes   | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| XO/OX<br>Single w/Sidelites | O/S                 | Opaque Door<br>Glazed Sidelite   | 6'0" x 8'0"  | +55/-50.5               | 6.0 psf/<br>8.25 psf* | Door-Yes<br>Sidelite-Yes   | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| OXO<br>Single w/Sidelites   | I/S                 | Opaque Door<br>Glazed Sidelites  | 9'0" x 8'0"  | +50.5/-50.5             | 2.86 psf              | Door-Yes<br>Sidelites-Yes  | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| OXO<br>Single w/Sidelites   | O/S                 | Opaque Door<br>Glazed Sidelites  | 9'0" x 8'0"  | +55/-50.5               | 6.0 psf/<br>8.25 psf* | Door-Yes<br>Sidelites-Yes  | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| OXXO<br>Double w/Sidelites  | I/S                 | Opaque Doors<br>Glazed Sidelites | 12'4" x 8'0" | +50.5/-50.5             | 2.86 psf              | Doors-Yes<br>Sidelites-Yes | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |
| OXXO<br>Double w/Sidelites  | O/S                 | Opaque Doors<br>Glazed Sidelites | 12'4" x 8'0" | +55/-50.5               | 6.0 psf/<br>8.25 psf* | Doors-Yes<br>Sidelites-Yes | NCTL-210-3105-1<br>Maximum Panel Size: 3'0" x 8'0"<br>Anchor Detail-MA-FL0121-05 |

\*High Dam Threshold

National Accreditation & Management Institute, Inc./4794 George Washington Memorial Highway/Hayes, VA 23072  
Tel: (804) 684-5124 Fax: (804) 684-5122

NAMI AUTHORIZED SIGNATURE: \_\_\_\_\_

**Luis R. Lomas P.E.**

1432 Woodford Rd.  
 Lewisville, NC 27023  
 336-945-9695

Manufacturer: Masonite  
 Report #: 504A

Date: 12/29/09

**Product:** Single Door 3'x6'8"

**Scope:**

This analysis provides calculations, quantities, and spacing requirements for installing product to substrate, and it applies only to the product described herein. These calculations comply with requirements of the Florida Building Code.

**Drawings verification:**

This analysis verifies anchoring for the following drawings:

|                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| DWG-MA-FL0120-05 | DWG-MA-FL0130-05 | DWG-MA-FL0153-06 | DWG-MA-FL0168-07 |
| DWG-MA-FL0122-05 | DWG-MA-FL0132-05 | DWG-MA-FL0155-06 | DWG-MA-FL0170-07 |
| DWG-MA-FL0124-05 | DWG-MA-FL0134-05 | DWG-MA-FL0156-06 | DWG-MA-FL0172-07 |
| DWG-MA-FL0126-05 | DWG-MA-FL0140-05 | DWG-MA-FL0160-07 | DWG-MA-FL0174-07 |
| DWG-MA-FL0128-05 | DWG-MA-FL0151-06 | DWG-MA-FL0162-07 | DWG-MA-FL0175-07 |

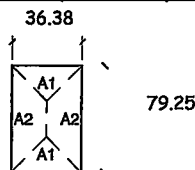
**Anchor to be qualified:**

- #10 Wood screw, for installation in wood frame substrates.
- 3/16" ITW Tapcon, for masonry installation

**Anchor capacity in shear condition:**

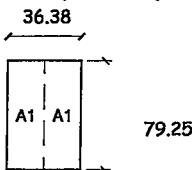
|                                     |                       |                                     |                       |
|-------------------------------------|-----------------------|-------------------------------------|-----------------------|
| Fastener type: #10 wood screw       |                       | (NDS 2005, 11.3)                    |                       |
| Side member: Douglas Fir-Larch      |                       | Main member: Spruce-Pine-Fir        |                       |
| Side member thickness:              | $t_s = 1.000$ in      | Main member thickness:              | $t_m = 1.500$ in      |
| Side member dowel bearing strength: | $F_{es} = 4,650$ psi  | Main member dowel bearing strength: | $F_{em} = 3,350$ psi  |
| Minimum required penetration:       | 1.330 in              | Screw bending yield strength:       | $F_{yb} = 80,000$ psi |
| Duration Factor:                    | $C_D = 1.6$           | Tabulated lateral design value:     | $Z = 107.0$ lbs       |
| Allowable Design Value:             | $Z' = 171$ lbs/anchor | Mode IV                             |                       |
| Fastener type: 3/16" ITW Tapcon     |                       | N.O.A. 07-1126.10                   |                       |
| Substrate: Hollow block             |                       |                                     |                       |
| Minimum embedment:                  | 1.25 in               | Minimum C to C spacing:             | 2.25 in               |
| Minimum edge distance:              | 1.13 in               | Actual C To C spacing:              | 3.00 in               |
| Tabulated shear design value:       | $Z = 112$ lbs         | C to C spacing factor:              | 1.00                  |
| Minimum edge distance:              | 2.63 in               |                                     |                       |
| Tabulated shear design value:       | $Z = 197$ lbs         |                                     |                       |
| Actual edge distance:               | 2.50 in               |                                     |                       |
| Design value per interpolation:     | $Z = 189$ lbs         |                                     |                       |
| Allowable Design Value:             | $Z' = 189$ lbs/anchor |                                     |                       |
| Minimum anchor capacity:            | 171 lbs/anchor        |                                     |                       |

Note: Anchors with the least capacity is used for calculations to qualify anchors with higher capacity.

**Anchor calculations, minimum required anchors****Pressure against stops with bump threshold:**

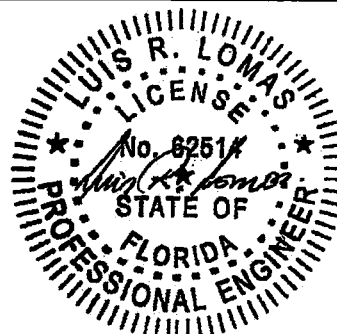
Design pressure: 85.0 psf

| Zone           | Area (ft <sup>2</sup> ) | Load (lbs) | Ind. (in) | Max. O.C. (in) | Anchor     |     |            | Result |
|----------------|-------------------------|------------|-----------|----------------|------------|-----|------------|--------|
|                |                         |            |           |                | Cap. (lbs) | Qty | Load (lbs) |        |
| A <sub>1</sub> | 2.3                     | 195        | N/A       | N/A            | 171        | 2   | 98         | OK     |
| A <sub>2</sub> | 7.7                     | 656        | 6.00      | 18.00          | 171        | 5   | 131        | OK     |

**Single. Pressure away from stops:**

Design pressure: 85.0 psf

| Zone           | Area (ft <sup>2</sup> ) | Load (lbs) | Ind. (in) | Max. O.C. (in) | Anchor     |     |            | Result |
|----------------|-------------------------|------------|-----------|----------------|------------|-----|------------|--------|
|                |                         |            |           |                | Cap. (lbs) | Qty | Load (lbs) |        |
| A <sub>1</sub> | 10.0                    | 851        | 6.00      | 18.00          | 171        | 5   | 170        | OK     |



Luis R. Lomas P.E.  
 FL No.: 62514  
 1/7/2010

**Luis R. Lomas P.E.**

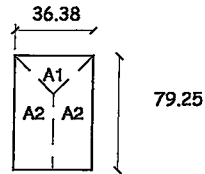
1432 Woodford Rd.  
Lewisville, NC 27023  
336-945-9695

Manufacturer: Masonite  
Report #: 504A

Date: 12/29/09

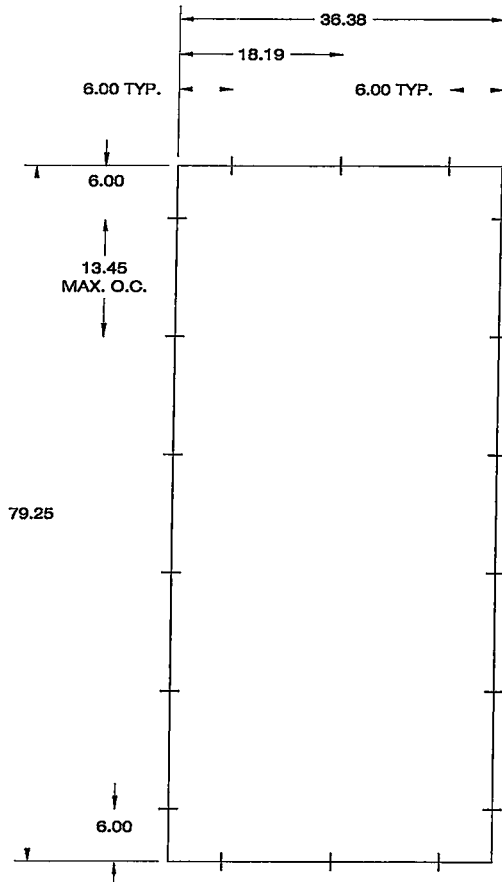
Single. Pressure against stops with saddle threshold:

Design pressure: 85.0 psf



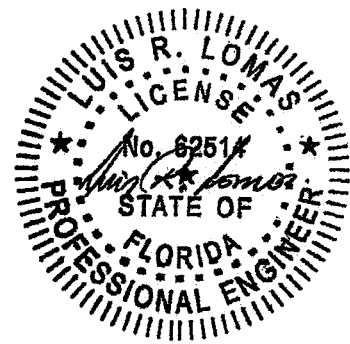
| Zone           | Area<br>(ft <sup>2</sup> ) | Load<br>(lbs) | Ind.<br>(in) | Max.<br>O.C.<br>(in) | Anchor        |     |               | Result |
|----------------|----------------------------|---------------|--------------|----------------------|---------------|-----|---------------|--------|
|                |                            |               |              |                      | Cap.<br>(lbs) | Qty | Load<br>(lbs) |        |
| A <sub>1</sub> | 2.3                        | 195           | N/A          | N/A                  | 171           | 2   | 98            | OK     |
| A <sub>2</sub> | 8.9                        | 753           | 6.00         | 18.00                | 171           | 5   | 151           | OK     |

**Anchor Locations:**



**Note:**

Anchor locations indicated in this document are the minimum required for the described product exposed at the design pressure indicated herein.



Luis R. Lomas P.E.  
FL No.: 62514  
1/7/2010



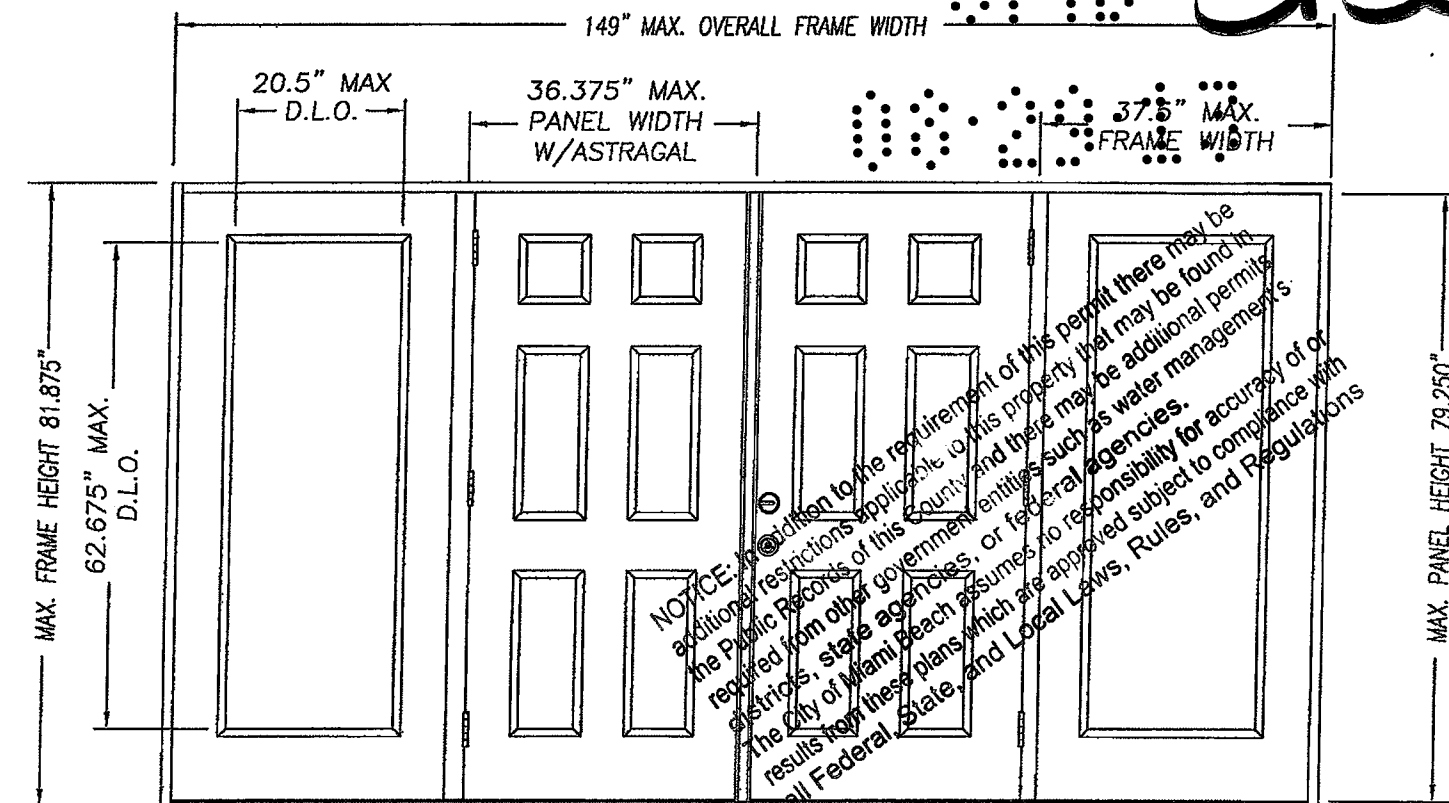
# HURRICANE BELLEVILLE FIBERGLASS DOOR UNIT 6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES

## GENERAL NOTES

1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED.
2. THIS PRODUCT DOES NOT REQUIRE THE USE OF A HURRICANE PROTECTIVE DEVICE (SHUTTERS).
3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTM E84.
4. PLASTICS TESTING OF FIBERGLASS FACING:

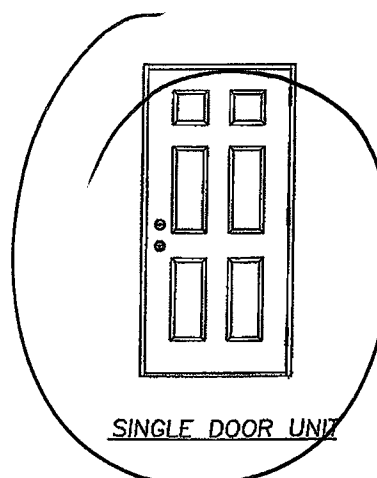
| TEST DESCRIPTION   | DESIGNATION | RESULT            |
|--------------------|-------------|-------------------|
| SELF IGNITION TEMP | ASTM D1929  | 752 °F > 650 °F   |
| RATE OF BURNING    | ASTM D635   | 0.56 IN/MIN (C-1) |
| SMOKE DENSITY      | ASTM D2843  | 53.4%             |
| TENSILE STRENGTH*  | ASTM D638   | 3.2% DIFF         |

\* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING  
4500 HOURS XENON ARC METHOD 1

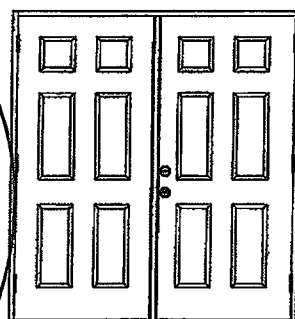


DOUBLE DOOR UNIT W/SIDELITES

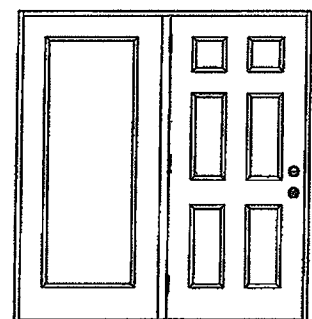
OFFICE COPY  
CITY OF MIAMI  
APPROVED  
THE FOLLOWING  
Addendum to NAMI  
Certification No: N1005930  
Reviewed By: [Signature]  
Date Reviewed: 8/24/11



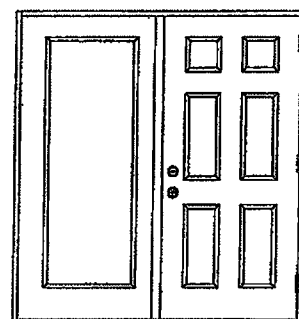
SINGLE DOOR UNIT



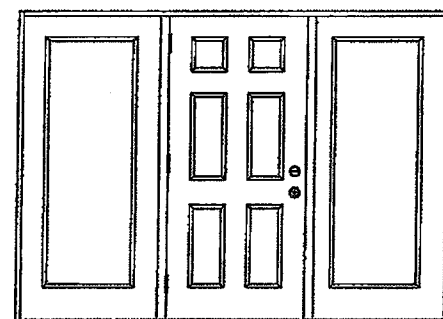
DOUBLE DOOR UNIT



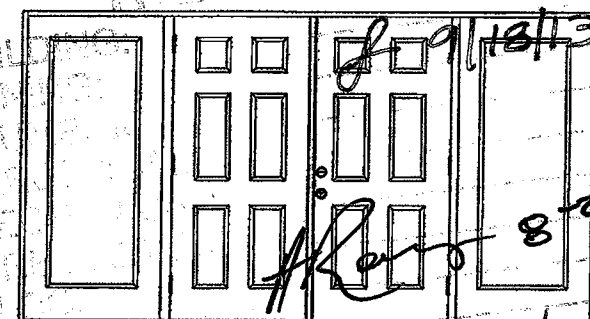
SINGLE DOOR UNIT  
WITH SIDELITE



SINGLE DOOR UNIT  
WITH SIDELITE



SINGLE DOOR UNIT W/SIDELITES



DOUBLE DOOR UNIT W/SIDELITES

| TABLE OF CONTENTS |                                    |
|-------------------|------------------------------------|
| SHEET #           | DESCRIPTION                        |
| 1                 | TYPICAL ELEVATIONS & GENERAL NOTES |
| 2                 | ANCHOR LOCATIONS & DETAILS         |
| 3                 | ANCHORING LOCATIONS & DETAILS      |

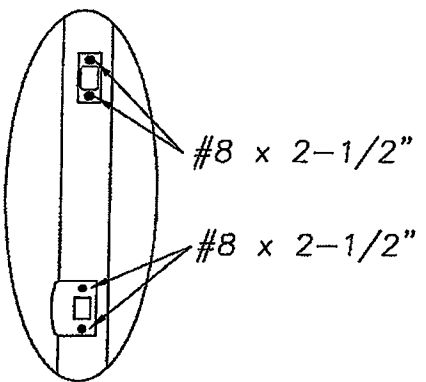
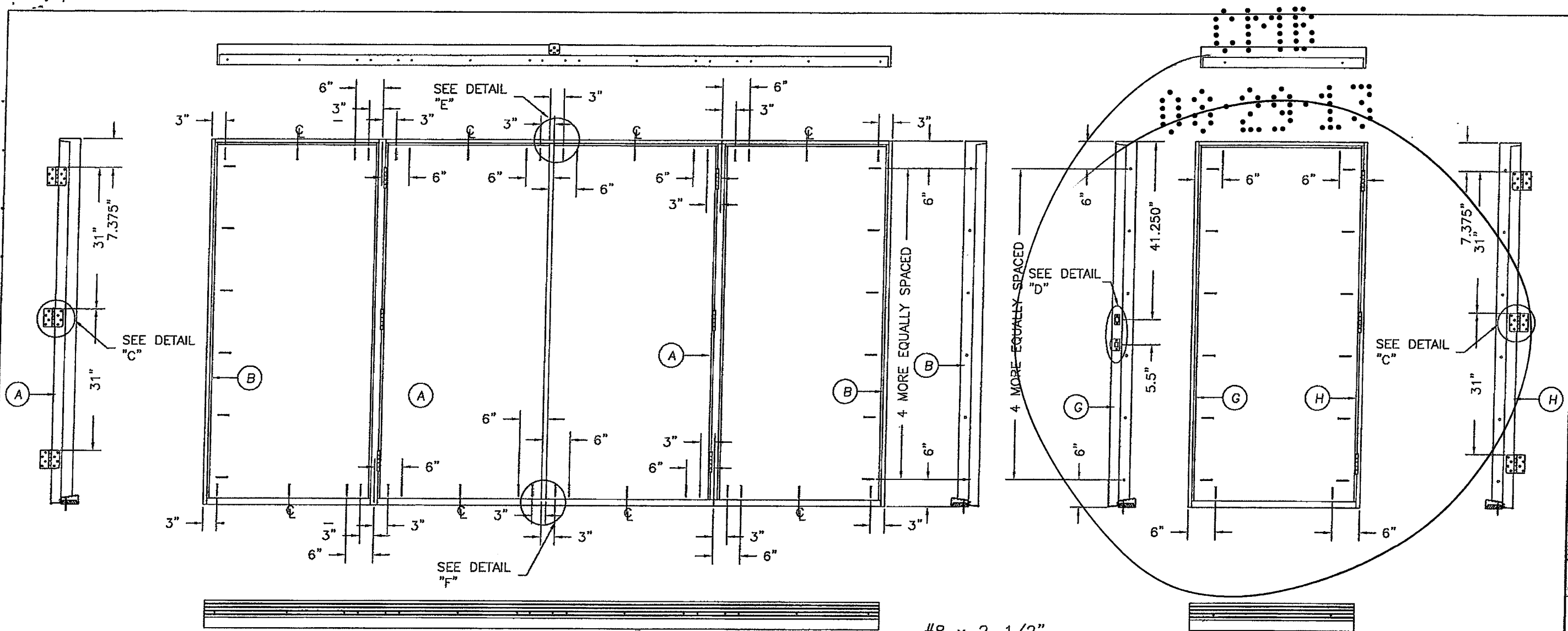
| CONFIG   | MAX WIDTH | DESIGN PRESSURE RATING |               | WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE |               |               |
|----------|-----------|------------------------|---------------|-------------------------------------------------------------------------------|---------------|---------------|
|          |           | INSWING                | OUTSWING      | INSWING                                                                       | OUTSWING      | OUTSWING*     |
| X        | 37.5"     | +70.0 / -70.0          | +70.0 / -70.0 | +19.0 / -19.0                                                                 | +70.0 / -70.0 | +70.0 / -70.0 |
| XX       | 74"       | +50.5 / -50.5          | +55.0 / -50.5 | +19.0 / -19.0                                                                 | +40.0 / -40.0 | +55.0 / -50.5 |
| OX or XO | 75"       | +50.5 / -50.5          | +55.0 / -50.5 | +19.0 / -19.0                                                                 | +40.0 / -40.0 | +55.0 / -50.5 |
| OXO      | 112.5"    | +50.5 / -50.5          | +55.0 / -50.5 | +19.0 / -19.0                                                                 | +40.0 / -40.0 | +55.0 / -50.5 |
| OXXO     | 149"      | +50.5 / -50.5          | +55.0 / -50.5 | +19.0 / -19.0                                                                 | +40.0 / -40.0 | +55.0 / -50.5 |

\* High Dam Threshold Design

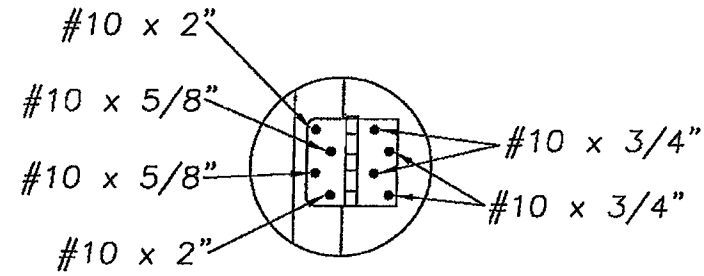
Kt 1 Bty

KURT BALTHAZOR  
FLORIDA P.E.  
#56533

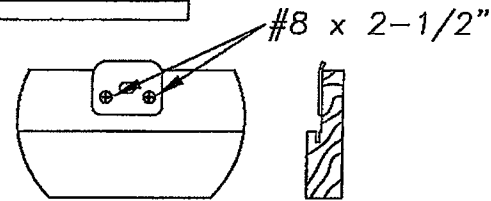
|                  |  |                                                                  |  |
|------------------|--|------------------------------------------------------------------|--|
| DATE: 2/11/05    |  | PRODUCT:                                                         |  |
| SCALE: N.T.S.    |  | "EXTERIOR DOOR PRODUCT"<br>DOUBLE 6'8" OPAQUE<br>FIBERGLASS DOOR |  |
| DWG. BY: SWS     |  | PART OR ASSEMBLY:<br>TYPICAL ELEVATIONS<br>& GENERAL NOTES       |  |
| CHK. BY:         |  |                                                                  |  |
| DRAWING NO.:     |  |                                                                  |  |
| DWG-MA-FL0120-05 |  |                                                                  |  |
| SHEET 1 OF 3     |  |                                                                  |  |



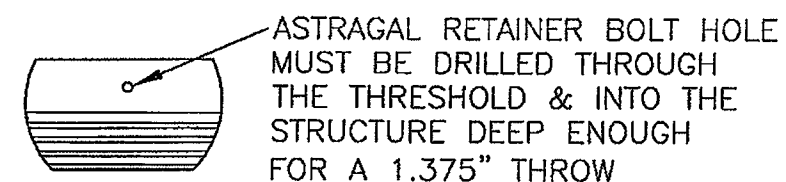
DETAIL "D"



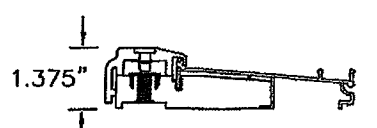
DETAIL "C"  
TYP.



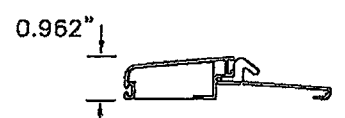
DETAIL "E" ASTRAGAL  
ATTACH ASTRAGAL RETAINER BOLT  
STRIKE PLATE TO FRAME  
AS SHOWN.



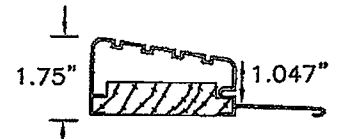
DETAIL "F" ASTRAGAL



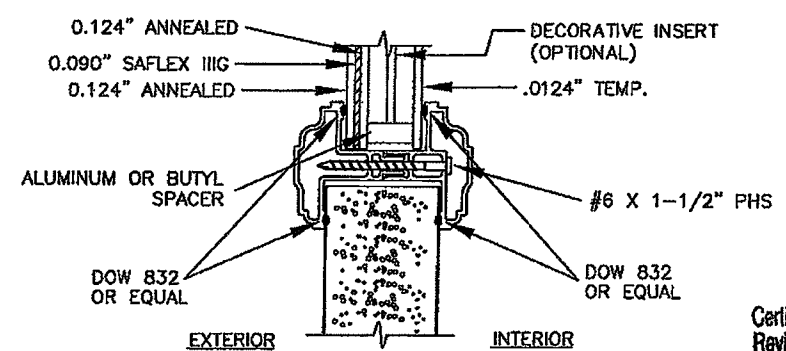
INSWING THRESHOLD



OUTSWING THRESHOLD



HIGH DAM O/S THRESHOLD



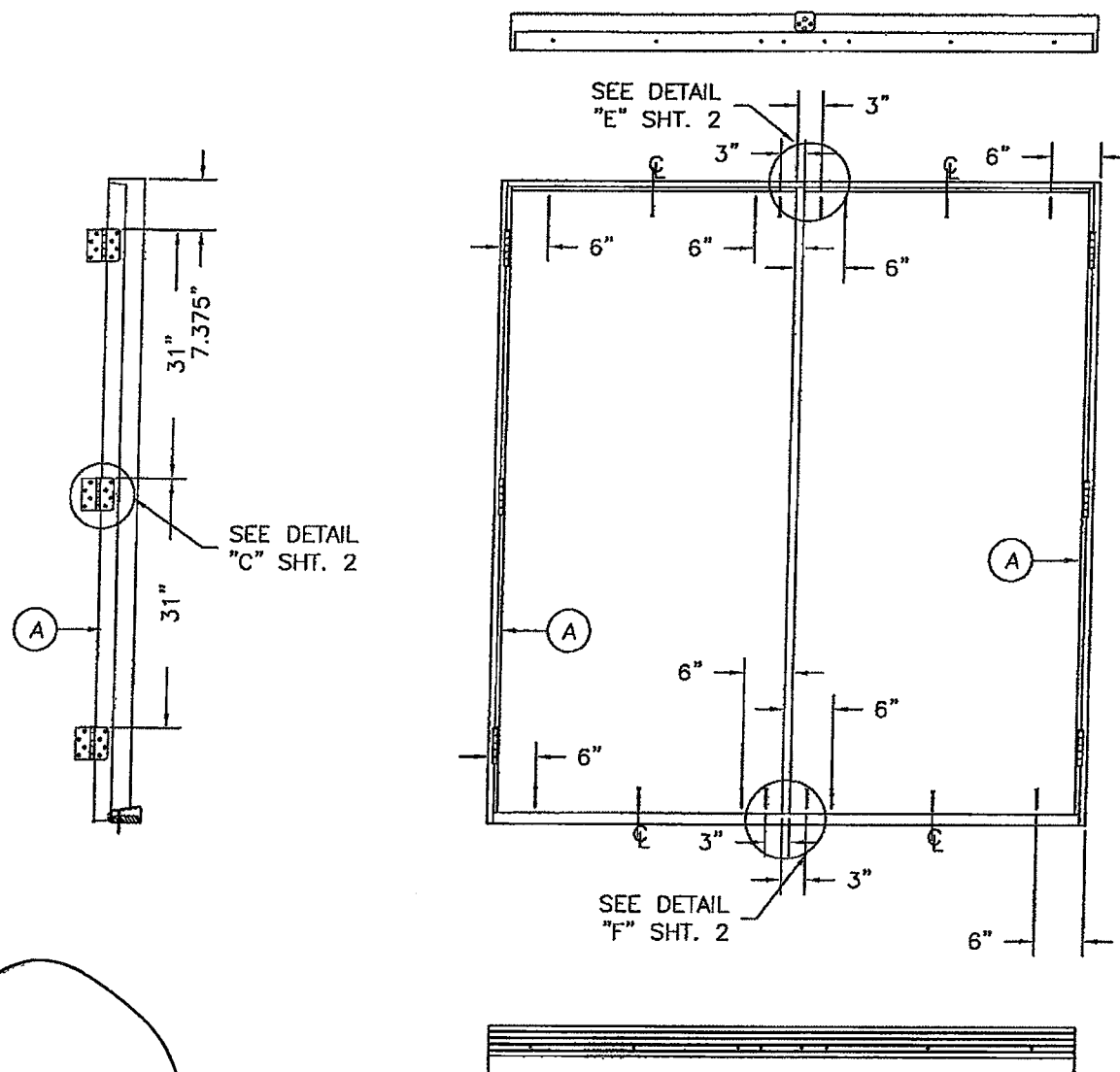
TYPICAL GLAZING DETAIL  
IMPACT RATED GLASS

Addendum to NAMI  
Certification No.: N1005930  
Reviewed By: SA by SHW  
Date Reviewed: 8/24/11

MASONITE INTERNATIONAL CORP.  
1955 POWIS RD.  
WEST CHICAGO, IL 60185

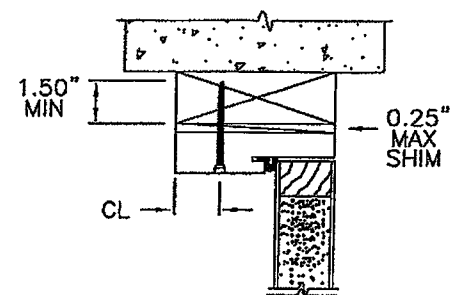
| PRODUCT:                                                               |          | PART OR ASSEMBLY:             |                    | ANCHORING LOCATIONS & DETAILS |  |
|------------------------------------------------------------------------|----------|-------------------------------|--------------------|-------------------------------|--|
| "EXTERIOR DOOR PRODUCT"<br>6"-8" FIBERGLASS OPAQUE<br>DOUBLE DOOR UNIT |          | ANCHORING LOCATIONS & DETAILS |                    |                               |  |
| NO.                                                                    | DATE     | BY                            | REVISIONS          |                               |  |
| F                                                                      | 12/15/08 |                               | ADDED SPACER       |                               |  |
| E                                                                      | 1/2/08   |                               | HINGE SCREW LENGTH |                               |  |
| D                                                                      | 4/9/07   |                               | GENERAL REVISIONS  |                               |  |
| C                                                                      | 4/25/05  |                               | ANCHORS & PLASTICS |                               |  |
| B                                                                      | 3/1/05   |                               | FLORIDA CHANGES    |                               |  |
| A                                                                      | 2/22/05  |                               | ADDED GLASS DETAIL |                               |  |

DATE: 2/11/05  
SCALE: N.T.S.  
DWG. BY: SWS  
CHK. BY:  
DRAWING NO.:  
DWG-MA-FL0120-05  
SHEET 2 OF 3



(ATTACHMENT DETAIL

### HARDWARE SCHEDULE



TYPICAL WOOD BUCK  
ANCHOR INSTALLATION

## Addendum to NAMI

|                  |         |      |
|------------------|---------|------|
| DATE:            | 2/11/05 |      |
| SCALE:           | N.T.S.  |      |
| DWG. BY:         | SWS     |      |
| CHK. BY:         |         |      |
| DRAWING NO.:     |         |      |
| DWG-MA-FL0120-05 |         |      |
| SHEET            | 3       | OF 3 |

MASONITE INTERNATIONAL CORP.  
1955 POWIS RD.  
WEST CHICAGO, IL 60185

010  
010000

B1306151

735 Lenox AV

\$1306151

1735 Lenox

AV

OFFICE COPY

Owner MRS. MAE FRIEDMAN Mailing Address Permit No. 8528  
Lot 16 Block 19 Subdivision Palm View No. 1735 Street Lenox av Date July 25-1936  
General Contractor Harry O. Filer, Jr. Address  
Architect Lester Avery Address 3234-04-040  
Front 40 Depth 51-10 Height Stories one Use Residence & garage  
Type of construction c-b-s- Cost \$ 6,700.00 Foundation reinf. concrete Roof Tile

Plumbing Contractor C. E. Barr # 9244 Address Date Aug. 4-1936  
No. fixtures 11 Gas 2 Rough approved by Date

No. Receptacles

Plumbing Contractor Address Date

No. fixtures set Final approved by Date

Sewer connection -- 1 Septic tank Make Date

Electrical Contractor Meyers- # 7932 Address Date Aug. 31-1936

No. outlets 32 Heaters Stoves Motors 1 Fans Temporary service

Rough approved by Receptacles 18 Date

Electrical Contractor Meyers # 7429 Address Date Oct. 29-1936

No. fixtures set 17 Final approved by Date

Date of service October 10- 1936

anuel Comas Alterations or repairs #43488 New Roofing & Repairs & Painting Outside: owner: \$850: Date Dec 3, 1953

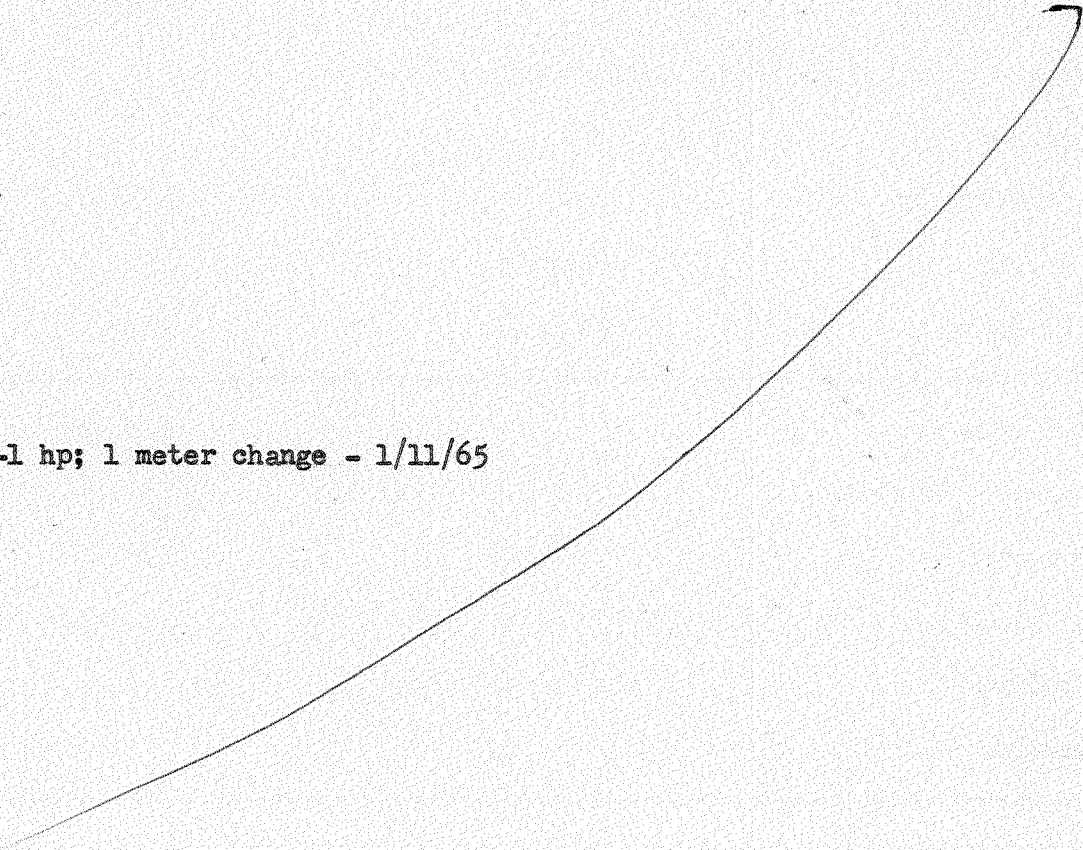
BUILDING PERMITS:

#4040-G & M Installations- 2 wind a/c-9-16-77

#13032-SeGo Industries, dba Security Windows-Replace 9 jalousies with 9 alum. awnings-\$500-4-13-78  
M04578-Abel Air, Inc.- 1 14.4 KW central heating, 1 4ton central a/c-2-4-80

ELECTRICAL PERMITS:

#61893 Lyon Elec Co.Inc.: 3 motors, 0-1 hp; 1 meter change - 1/11/65



BUILDING PERMITS: #SB881418 - 8-18-88 - Carruth Roofing - Reroof 36 sqs. - \$6,485.00 *OK*

CUMULATIVE COST OF CONSTRUCTION OF PERMITS ISSUED

| DATE    | PROCESS | DESCRIPTION     | WORK        | CUMULATIVE | APPRAISED BLDG.      |   |          | BUILDING   |
|---------|---------|-----------------|-------------|------------|----------------------|---|----------|------------|
| ISSUED  | NO.     | OF WORK         | COST        | WORK COST  | VALUE BEFORE REMODEL | % | COMMENTS | PERMIT NO. |
| 8-18-88 |         | REEROOF 36 sqs. | \$ 6,485-00 |            |                      |   |          | 5B881418   |