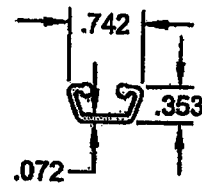
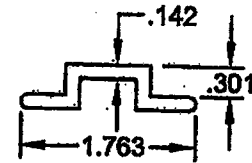


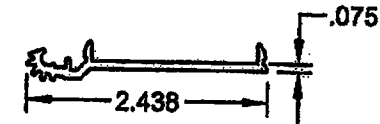
(27) #8021B 6063-T6
GEAR HINGE, JAMB



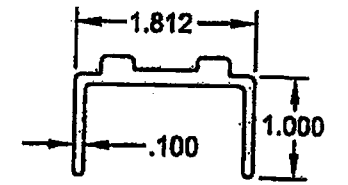
(28) #8020A 6063-T6
GEAR HINGE, COVER



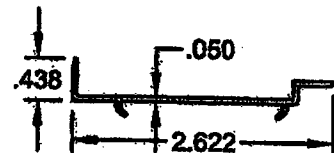
(29) #8018 6063-T5
HINGE, BACK-UP



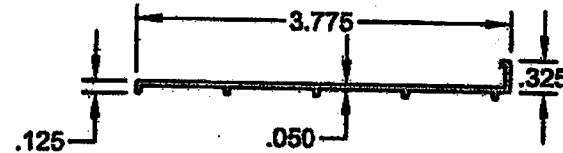
(30) #8019A 6063-T6
GEAR HINGE, DOOR



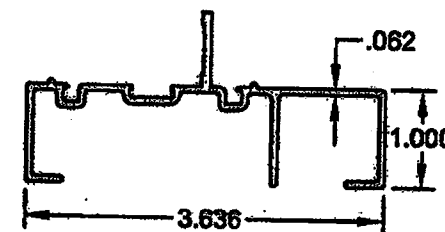
(37) #8039 6063-T6
TRUSS CLAMP



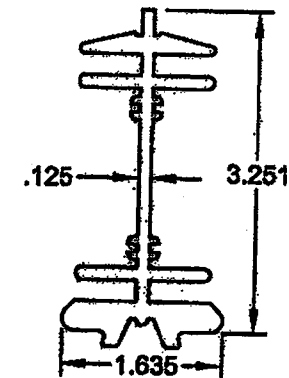
(61) #8028 6063-T5
SL HEAD TRIM



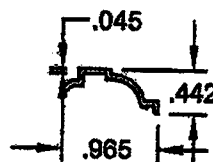
(84) #8056 6063-T4
SUBSILL, OPTIONAL



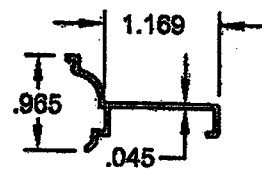
(70) #8010 6063-T6
NARROW SL JAMB



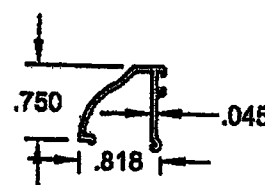
(80) #8033B 6105-T5
FD ASS'Y BEAM



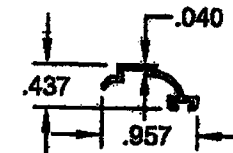
(105) #8022 6063-T5
BACKBEAD



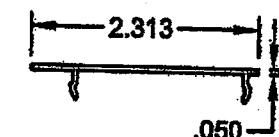
(106) #8026A 6063-T5
SL BACKBEAD



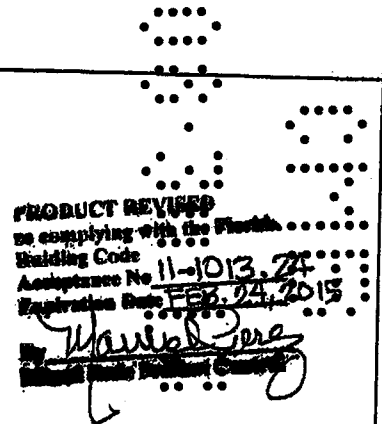
(107) #8023A 6063-T5
7/16\"/>



(108) #8024A 6063-T5
I.G. BEAD



(62) #8029 6063-T5
SL JAMB TRIM

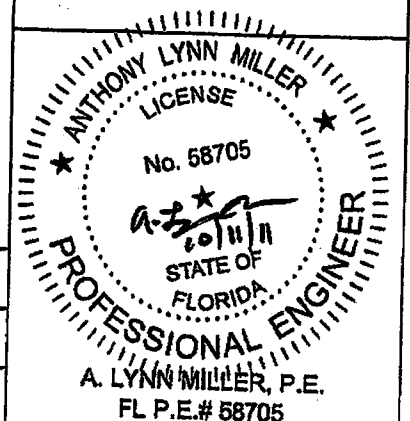


Revised By:	Date:	Revisions:	
F.K.	10/12/08	B	UPGRADE ITEMS 3.
Revised By:	Date:	Revisions:	
J.R.	08/22/09	C	NEW PAGE
Revised By:	Date:	Revisions:	
J.R.	01/26/10	D	NO CHANGES THIS SHEET
Drawn By:	Date:	Checked By:	Date:
F.K.	12/23/04	L.T.	4/8/05

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274



Description: EXTRUSION PROFILES			
Title: ALUM. FRENCH DOOR & SIDE LITES, IMPACT			
Series/Model: FD750	Scale: 1/2	Sheet: 9 of 12	Drawing No. 8000-11
			Rev: E



CGI Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 08-0331.07)
2. Drawing No. M95-13A, titled Series "Mullion Elevations and Details", sheets 01 through 05 of 05, dated 11/25/95, with the latest revision "E" dated 12/21/11, prepared by Al-Farooq Corporation, signed, sealed and dated 12/10/12 by Javad Ahmad, P. E.

B. TESTS

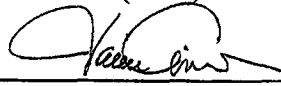
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 201-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test, per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94
along with marked-up drawings and installation diagram of casement windows mullied using a 1"x 2"x 1/8" aluminum tube mullion, prepared by Hurricane Testing Lab, Inc., Test Report No. HTL-0080-0105-08, dated 03/26/08 for specimen nos. 1. and 2, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 08-0331.07)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
along with marked-up drawings and installation diagram of fixed windows mullied using a 1"x 2"x 1/8" aluminum tube mullion, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-96-525, dated 02/12/96, signed and sealed by Hector M. Medina, P. E.
(Submitted under previous NOA No. 95-0929.39)
3. Test reports on: 1) Large Missile Impact Test, Loading per SFBC, PA 201-94
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Hurricane Test Laboratory, Inc. Test Report No. HTL-0080-0303-96, dated 03/06/96, signed and sealed by Timothy S. Marshall, P.E.
(Submitted under previous NOA No. 95-0929.39)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 02/10/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.
(Submitted under previous NOA No. 12-0221.10)

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).


Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12-1220.15
Expiration Date: March 28, 2018
Approval Date: February 28, 2013

CGI Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and compliance with the **FBC-2010**, dated 12/07/12, signed and sealed by Javad Ahmad, P. E.
2. Laboratory compliance letters for Test Report No. **HTL-0080-0105-08**, specimens 1 and 2, issued by Hurricane Test Laboratory, Inc., dated 03/26/08, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 08-0331.07)
3. Laboratory compliance letters for Test Report No. **HTL-0080-0303-96**, issued by Hurricane Test Laboratory, Inc., dated 03/06/96, signed and sealed by Timothy S. Marshall, P. E.
(Submitted under previous NOA No. 95-0929.39)
4. Laboratory compliance letters for Test Report No. **HETI-96-525**, issued by Hurricane Engineering & Testing, Inc., dated 02/12/96, signed and sealed by Hector M. Medina, P. E.
(Submitted under previous NOA No. 95-0929.39)

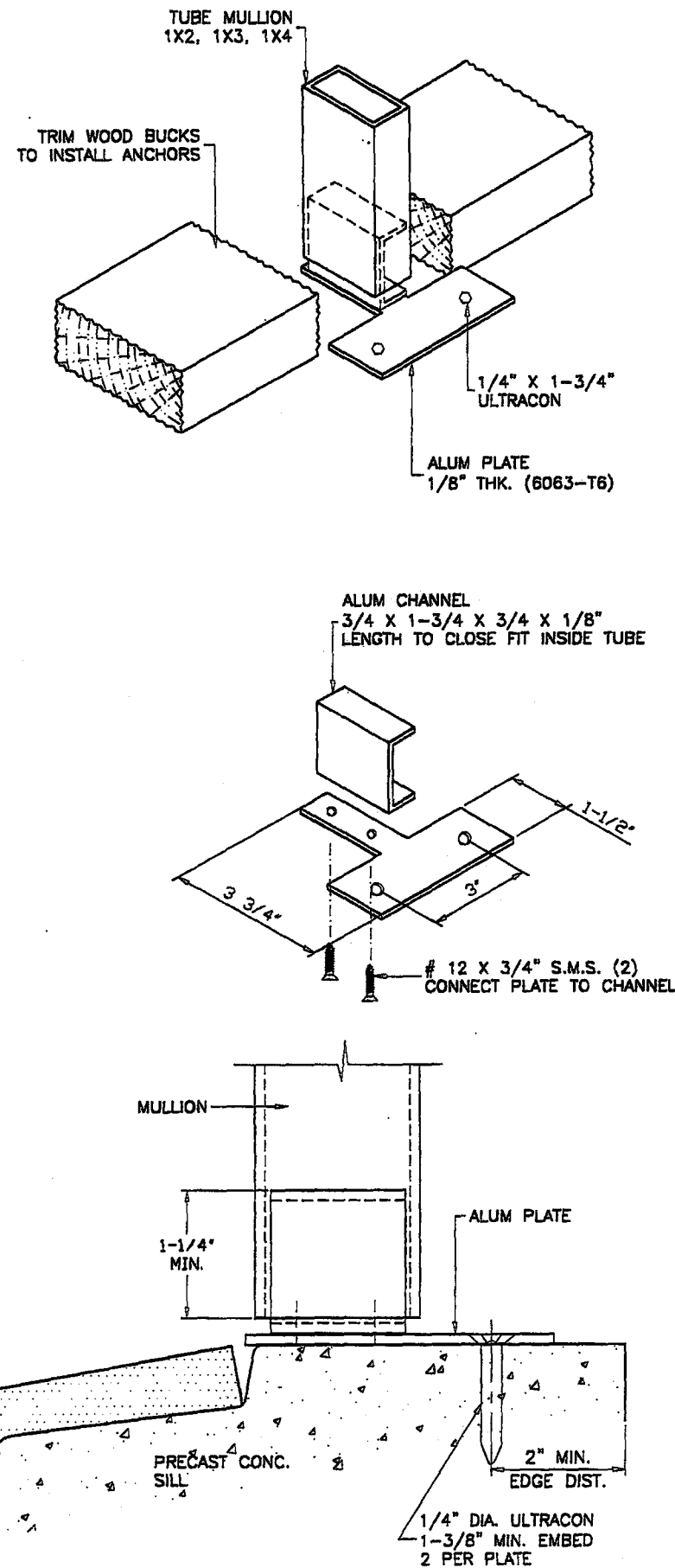
G. OTHERS

1. Notice of Acceptance No. **12-0221.10**, issued to CGI Windows & Doors for their Series "Clipped Aluminum Tube Mullion - L.M.I.", approved on **05/10/12** and expiring on 03/28/13.

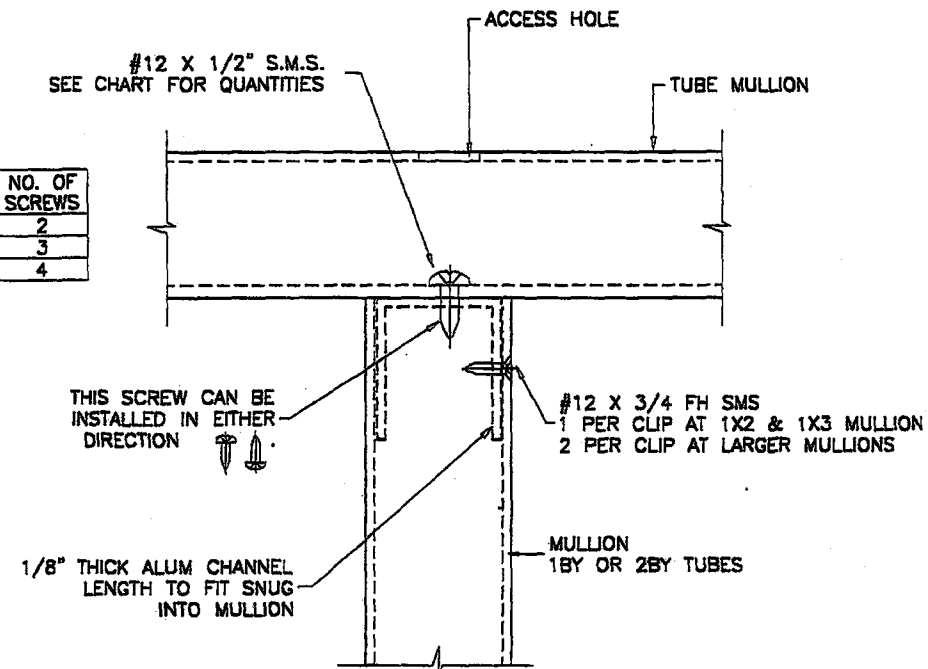


Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12-1220.15
Expiration Date: March 28, 2018
Approval Date: February 28, 2013

ANCHORS TYPE 'D'



ANCHOR CHART	NO. OF SCREWS
TYPE A & D	2
TYPE B	3
TYPE C	4



ANCHORS DETAIL #1
METAL TO METAL CONNECTION

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **12-1220.15**
Expiration Date **03/28/2018**
By *[Signature]*
Miami Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70582
C.A.N. 3538

[Signature]
DEC 10 2012

a f c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1236 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-8978

MULLION M95-13A

MULLION ELEVATIONS AND DETAILS

CGI WINDOWS & DOORS
10100 NW 25th STREET
MIAMI, FL 33172
TEL (305) 593-6590 FAX (305) 593-6592

revisions:	no	date	by	description
	D	03.27.08		DETAIL 1 ADDED
	E	12.21.11		ANCHORS REV.

date: 11-25-95
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
M95-13A
sheet 5 of 5

Enviralum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W12-29**, titled "Series ENV-450 Alum. Window Wall Sys. (L.M.I.)" sheets 1 through 12 of 12, dated 06/04/12, with revision B dated 09/24/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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) Drop Test per ANSI Z97.1-2009

along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6678**, dated 03/20/12, and addendum letter dated 08/23/12, all signed and sealed by Marlin D. Brinson, P.E.

(Submitted under previous NOA# 12-0702.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by Al-Farooq Corporation, dated 06/13/12, 08/30/12 and revised on 09/22/12, signed and sealed by Javad Ahmad, P.E.
(Partially submitted under previous NOA# 12-0702.01)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-1003.01
Expiration Date: September 06, 2017
Approval Date: October 25, 2012

Enviralum Industries, Inc.

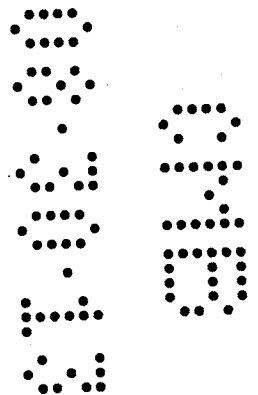
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

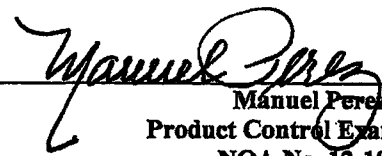
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated June 09, 2012, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under previous NOA# 12-0702.01)
2. Testing Proposal No. 10-1236 issued by Product Control, dated 12/20/10, revised on 01/05/11, signed by Manuel Perez, P.E.
(Submitted under previous NOA# 12-0702.01)

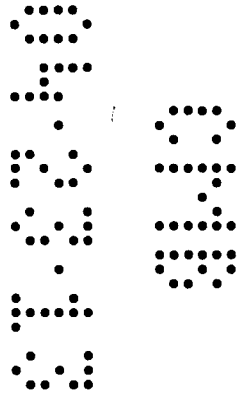
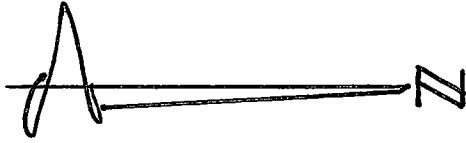
G. OTHER

1. Notice of Acceptance No. 12-0702.01, issued to Enviralum Industries, Inc. for their Series "ENV-450" Aluminum Window Wall System - L.M.I., approved on 09/06/12 and expiring on 09/06/17.




Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-1003.01
Expiration Date: September 06, 2017
Approval Date: October 25, 2012

SKETCH OF AREA FOR GENERATOR
N.T.S.



EXISTING
RESID.
N° 1649

Generator exhaust to be
located a min. of 10 feet
from house opening.

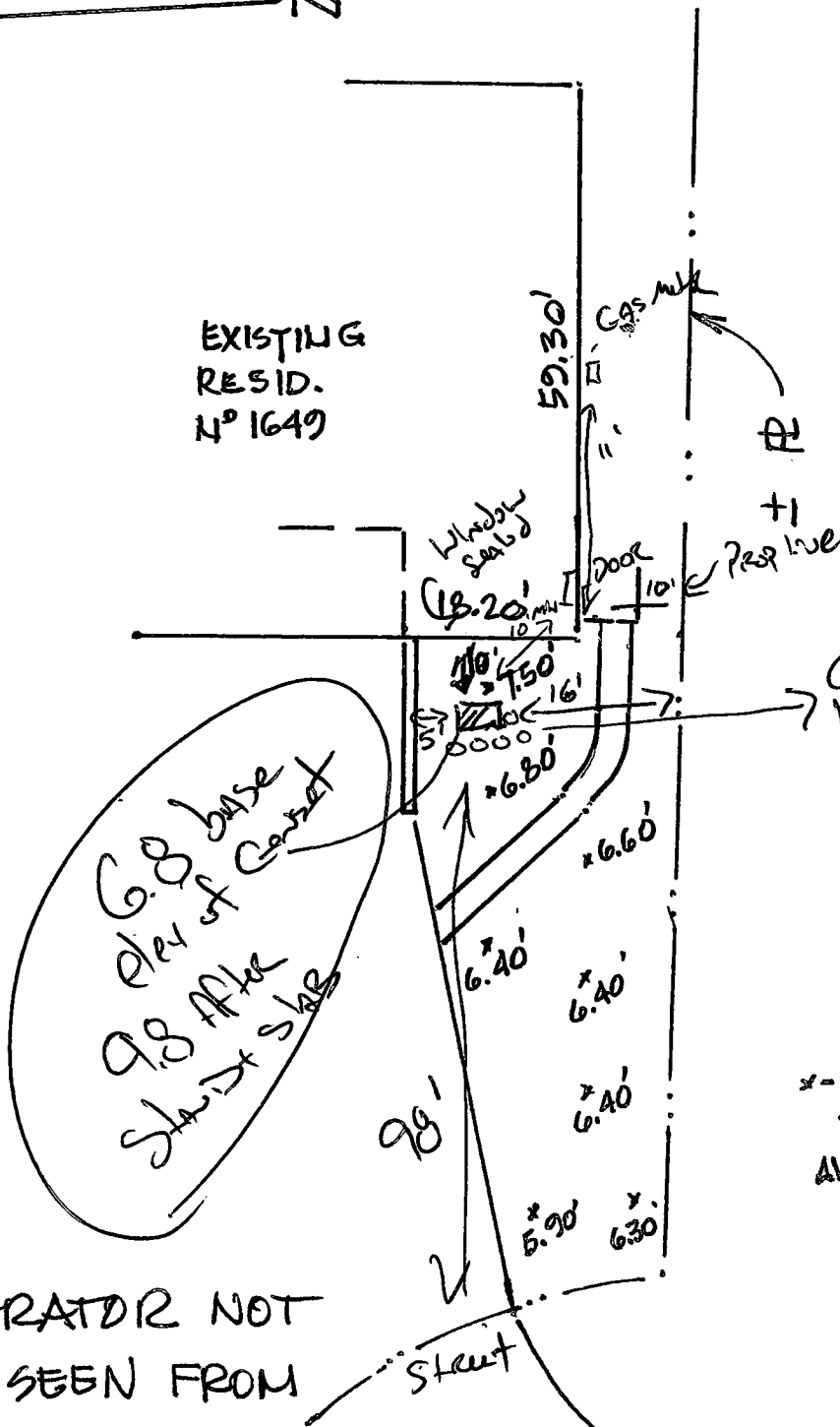
Generator fully shielded
by new 4' shrubs
(Coco palms)
10' min from any window, door
or house opening

x - DENOTES ELEVATIONS
TAKEN (READ) NGVD 1929.
AVG = 6.40' NGVD

GENERATOR NOT
TO BE SEEN FROM
THE STREET.

EDGE OF PAVEMENT

W. 22ND ST



Load Calculation for: 1649 W. 21 street
Miami Beach

General Load:

Qty	Description	Value	V/A
3719	Square feet (under air) @ 3v/a per sq foot	3	11157
2	Small Appliance Outlets	1500	3000
0	Hot Water Heater Gas	4500	0
1	Washer	1200	1200
0	Dryer Gas	4200	0
1	Refrigerator	1200	1200
0	Oven Gas	3500	0
0	Cooktop Gas	6000	0
1	Pool Pump	2200	2200
1	Garage Door Openers	500	500
1	Dishwasher/Disposal	2000	2000
			0
			0
	Total General Load		21257
	First 10 kVA at 100%		10000
	Remainder at 40%		4502.8
	Subtotal General Load		14502.8

Air Conditioning/Heating:

AC/AH Unit 1 On Load Management			
0 kW Heat Strip @ 65%	1000	0	
0 amps RLA (air conditioning)	240	0	
Largest Load		0	
AC/AH Unit 2			
7.5 kW Heat Strip @ 65%	1000	4875	
0 amps RLA (air conditioning)	240	0	
Largest Load		4875	
	Total Air Conditioning/Heating Load	4875	
	Total Connected Load	19377.8	
	Total Connected Amps	80.74	

All loads calculated in accordance with NEC 220.82

Loads to shed if genset nears capacity

NOTARY PUBLIC-STATE OF FLORIDA
Matthew Brandon Spradley
Commission # EE109064
Expires: JULY 05, 2015
BONDED BY ATLANTIC BONDING CO., INC

