



CITY OF WEST MIAMI  
 901 S.W. 62nd AVENUE  
 WEST MIAMI, FL 33144

# SIGN PERMIT

PROPERTY ADDRESS: 6210 SW 8 ST DATE: 10/17/22  
 PROPERTY OWNER: Jaresco Partners LLC PHONE: 786 302 7555  
 APPLICANT: Renatto Uona PHONE: 786 302 7555  
 APPLICANT ADDRESS: 1037 NW 87 AVE  
 APPLICANT EMAIL: permitscb@gmail.com  
 SIGN CONTRACTOR: Electrical Masters Inc PHONE: 786 302 7555  
 CONTRACTOR ADDRESS: 21840 SW 97 CT C.C.#: 97E00000  
 ENGINEER SEALING PLAN: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 DESCRIPTION OF SIGN: New electrical sign

SIGN COST \$ 2100

SIGNATURE OF APPLICANT [Signature]



### SIGN PERMIT APPLICATION PROCEDURE

All applications for a sign permit must be submitted to the Planning and Zoning Board for approval. Your application will be reviewed for compliance with Zoning Ordinance 282 before it is placed on the agenda of the next Planning and Zoning Board meeting. The Board will review the sign application as to size, shape, color and design as they pertain to compatibility and suitability to the surrounding area. In addition to this City permit, all signs other than painted window or wall signs require the appropriate Dade County permits.

All applications for a sign permit shall, at the time of filing, be submitted with the following requirements:

1. A plot plan/location drawing of entire property. For detached signs the parking spaces must be shown. The plan must be at a scale not less than one inch equals thirty feet (1" = 30').
2. A plan of the entire building depicting existing signs. This must be at a scale not less than one-eighth inch equals one foot (1/8" = 1').
3. Elevation drawings of proposed sign as it will appear on building or property (i.e. pole sign)
4. Seven color copies of a drawing of the proposed sign to an exact scale of three quarter inch equals one foot (3/4" = 1') or larger.
5. Photographs of existing buildings showing all elevations.
6. Material and exact color samples of proposed sign.

**Incomplete applications will not be processed for the meeting agenda.**

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For Office Use Only

\_\_\_\_\_ Approved Meeting Date \_\_\_\_\_

\_\_\_\_\_ Disapproved Amount Due 75.00

\_\_\_\_\_  
 Chairman of Planning and Zoning Board

Date Issued \_\_\_\_\_ By \_\_\_\_\_ Receipt # 129653

**CITY OF WEST MIAMI**  
301 S.W. 62nd Avenue West Miami, FL 33144  
(305) 286-1122  
General Fund

Deb 300

129653

DATE 10-17-2012

RECEIVED FROM

Route 1 Labor

THE SUM OF

6210.540 Eight

DOLLARS \$ 7500

FOR

Give Permit

AMOUNT OF ACCOUNT

\$ 7500

AMOUNT PAID

\$ 7500

BALANCE DUE

\$ 0

Thank You!

CASH

CHECK

M.O.

CREDIT CARD

BY

[Signature]



## DESIGN CALCULATIONS

FOR

### ANGEL JEWELRY WALL-MOUNTED SIGNS

6210 SW 8th St – Miami

**GENERAL NOTES:**

1. Design is in accordance with the Florida Building Code 7th Edition (2020) for use within and outside the High Velocity Hurricane Zone (HVHZ).
2. Wind loads have been calculated per the requirements of ASCE 7-16 as shown herein.
3. These engineering calculations pertain only to the structural integrity of those systems, components, and/or other construction explicitly specified herein and/or in accompanying engineering drawings. The existing host structure (if any) is assumed to be in good condition, capable of supporting the loaded system, subject to building department approval. No warranty, either expressed or implied, is contained herein.
4. System components shall be as noted herein. All references to named components and installation shall conform to manufacturer's or industry specifications as summarized herein.
5. Where site conditions deviate from those noted herein, revisions may be required or a separate site-specific engineering evaluation performed.
6. Aluminum components in contact with steel or embedded in concrete shall be protected as prescribed in the 2015 Aluminum Design Manual, Part 1. Steel components in contact with, but not encased in, concrete shall be coated, painted, or otherwise protected against corrosion.
7. Engineer seal affixed hereto validates structural design as shown only. Use of this specification by contractor, et. Al, indemnifies and saves harmless this engineer for all costs & damages including legal fees & appellate fees resulting from deviation from this design.

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# ASCE 7-16 Design Wind Loads

## WALL-MOUNTED SIGNS

### Building Specs

V = 175 mph *Basic wind speed (Vult)*

Exposure C

ASD Load Combo Coeff: 0.6

### Calculations

$\alpha = 9.5$  *3-sec gust speed power law exponent*  
 $z_g = 900'$  *Nominal ht. of atmos. boundary layer*  
 $G_{cpi} = 0$  *Internal pressure coeff*

$K_d = 0.85$  *Directionality factor*  
 $K_{zt} = 1.0$  *Topographic factor*  
 $K_e = 1.0$  *Ground elevation factor*  
 $A = 10 \text{ sq ft}$  *Tributary area*

<b>175 mph - Exp "C"</b>						
<b>WALL-MOUNTED SIGNS</b>						
SIGN HEIGHT	ASD WIND PRESSURES		K <sub>h</sub> = K <sub>z</sub>	q <sub>z</sub>	GCp (4)	GCp (5)
	CENTER (Zone 4)	CORNER (Zone 5)				
15 ft	37.3 psf	47.5 psf	0.85	33.9	-1.10	-1.40
20 ft	39.7 psf	50.5 psf	0.90	36.1	-1.10	-1.40
25 ft	41.6 psf	52.9 psf	0.95	37.8	-1.10	-1.40
30 ft	43.2 psf	55.0 psf	0.98	39.3	-1.10	-1.40
35 ft	44.6 psf	56.8 psf	1.01	40.6	-1.10	-1.40
40 ft	45.9 psf	58.4 psf	1.04	41.7	-1.10	-1.40
45 ft	47.1 psf	59.9 psf	1.07	42.8	-1.10	-1.40
50 ft	48.1 psf	61.2 psf	1.09	43.7	-1.10	-1.40
55 ft	49.1 psf	62.5 psf	1.12	44.6	-1.10	-1.40
60 ft	50.0 psf	63.6 psf	1.14	45.4	-1.10	-1.40
70 ft	42.2 psf	84.5 psf	1.17	46.9	-0.90	-1.80
80 ft	43.5 psf	86.9 psf	1.21	48.3	-0.90	-1.80
90 ft	44.5 psf	89.1 psf	1.24	49.5	-0.90	-1.80
100 ft	45.5 psf	91.1 psf	1.27	50.6	-0.90	-1.80
110 ft	46.5 psf	92.9 psf	1.29	51.6	-0.90	-1.80
120 ft	47.3 psf	94.7 psf	1.32	52.6	-0.90	-1.80
130 ft	48.1 psf	96.3 psf	1.34	53.5	-0.90	-1.80
140 ft	48.9 psf	97.8 psf	1.36	54.3	-0.90	-1.80
150 ft	49.6 psf	99.2 psf	1.38	55.1	-0.90	-1.80
175 ft	51.2 psf	102.5 psf	1.42	56.9	-0.90	-1.80
200 ft	52.7 psf	105.4 psf	1.46	58.6	-0.90	-1.80
250 ft	55.2 psf	110.5 psf	1.53	61.4	-0.90	-1.80

# Wall Sign Anchor Design

## Structure Dimensions & Loading

Design wind pressure: **P = 55.0 psf**

Sign type: **Raceway**

Sign size: **h = 16.0 inches (height)**

Wall material: **Wood** CDX or equiv, thickness to match Min Embed  
 Anchor type/size: **1/4" Toggle Bolt (r)**

Ref: Powers Strap-Toggle, catalog

Min Embedment: **0.5"**

Min edge dist: **2"**

Anchor tensile capacity: **Tcap = 169.4 lb (per anchor)**

## Check Anchors for Pullout

Total Reaction: **Rt = 73 lb/ft** ... = P\*h (along raceway)  
 Anchor spacing req'd **s = 55.4 in O.C.** ... = (2\*cap)/Rt

**Pairs of anchors at 55 inches on center (max)**  
**4.6 feet on center**

**OK, typical anchor option shown. Limit to pairs at 48" O.C. max.**  
**Ref anchor schedule for other anchor options.**

# CHANNEL LETTER SIGN ON RACEWAY

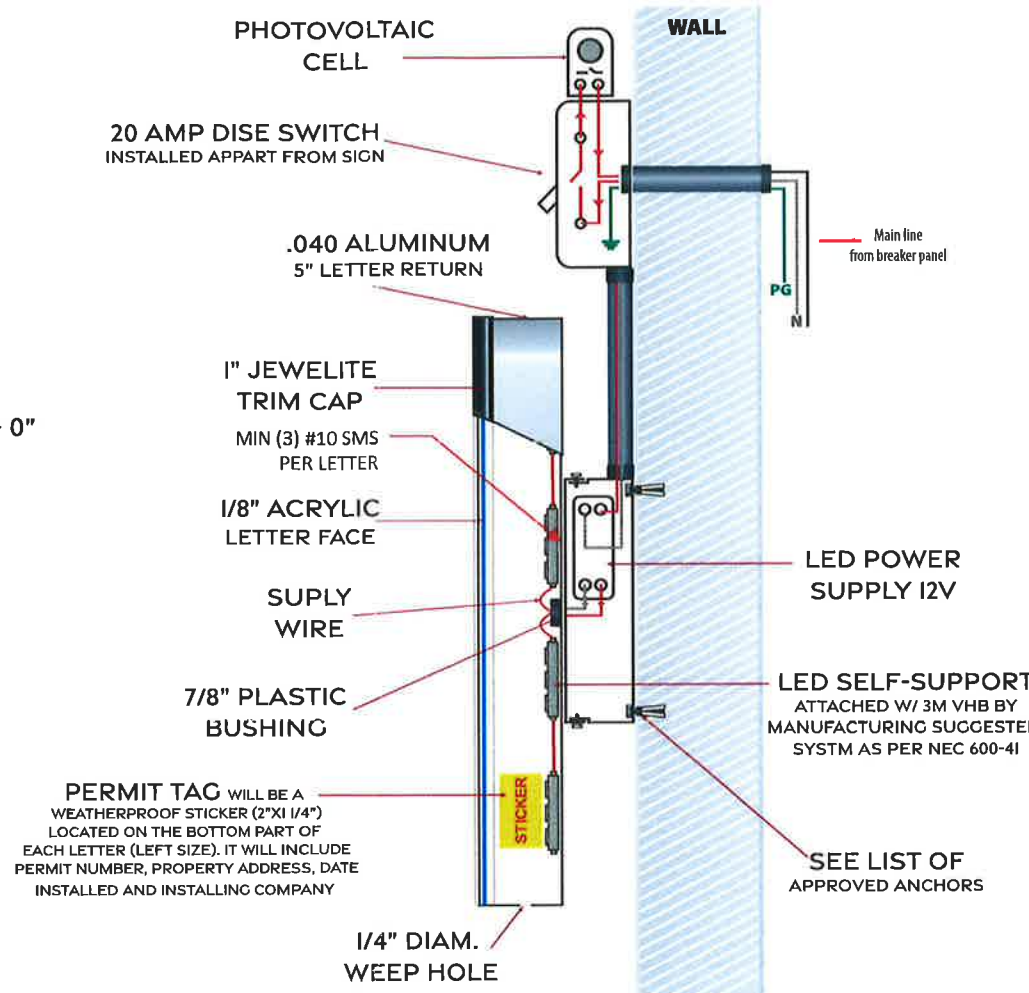
BLDG FRONT  
WIDTH = +/- 18' - 0"



BLDG FRONT  
HEIGHT = +/- 12' - 0"



SITE MAP  
SCALE : N.T.S. SIGN LOCATION



PHOTOCELL & TIMER  
OR  
ASTRONOMICAL TIMER  
REQUIRED

HOOK UP FOR EXISTING DEDICATED  
SIGN CIRCUIT 120V, 20AMP

- 70135I 12.0 VDC POWER SUPPLY FOR UP TO 1.50 AMPS
- AWG #18 2 CONDUCTOR, PVC JACKETED, NEC TYPY POWER LIMITED TRAY CABLE (PLTC) WITH UL LISTING. USED FOR LETTER JUMPERS OR EXTENSION OF POWER SUPPLY LEAD UP TO 15'
- AWG #14 2 CONDUCTOR, PVC JACKETED, NEC TYPY POWER LIMITED TRAY CABLE (PLTC) WITH UL LISTING. USED FOR LETTER JUMPERS OR EXTENSION OF POWER SUPPLY LEAD UP TO 50'
- UL LISTED FOR WET LOCATION OR NEMA 3R BOX, MIN. DIMENSIONS 12"X12"X6"; VENTED IF POWER SUPPLY IS TO BE MOUNTED IN A LOCATION (EXPOSED TO WEATHER)
- CABLE TIE DOWNS (PLASTIC WITH DOUBLE SIDED TAPE FOR MOUNTING)
- 4 NYLON ZIP TIES
- WIRE NUTS (IDEAL P/N #30-072 BLUE)
- SHEET METAL SREWS (#8 OR 10) OR RIVETS (1/8" OR 3/16") FOR FRAMES
- RAGS OR SHOP TOWELS
- SILICONE SEALANT
- 1/2" CONDUIT FOR POWER SUPPLY PRIMARY (WATERTIGHT IF MOUNTING POWER SUPPLY IN A BOX OUTDOORS)
- 1/2" CONDUIT CONNECTOR FOR POWER SUPPLY PRIMARY (WATERTIGHT IF MOUNTING POWER SUPPLY IN A BOX OUTDOORS)
- DISCONNECT SWITCH FOR PRIMARY POWER SHUTOFF DOT S323E, LEVITON 145I-ICP OR EQUIVALENT
- ALL ELECTRICAL COMPONENTS ARE U.L. LISTED AS PER NEC 600.3
- PRIMARY 120 VOLTS #12 WIRES BY OTHERS
- SIGN GROUNDED ACCORDING TO NEC600.24 AND 600.7
- CODES IN EFFECT ARE NEC-2017 & FBC-2020, 7TH EDITION

PERMIT TAG WILL BE A WEATHERPROOF STICKER (2"X1 1/4") LOCATED ON THE BOTTOM PART OF EACH LETTER (LEFT SIDE). IT WILL INCLUDE PERMIT NUMBER, PROPERTY ADDRESS, DATE INSTALLED AND INSTALLING COMPANY

SEE LIST OF APPROVED ANCHORS

ANCHOR SCHEDULE \*\*ALL FASTENERS SHALL BE SPACED EVENLY\*\*

WALL MATERIAL	ANCHOR TYPE	QTY or SPACING
CONCRETE (3ks) or HOLLOW MASONRY	1/4" THREADED RODS WITH MIN 2" EMBED IN ADHESIVE	NOT APPLICABLE
	3/4" TAPCONS (OR EQUIV) WITH 1.75" EMBED	PAIRS AT 41" O.C.
	1/4" EXPANSION ANCHORS WITH 2.5" EMBED	PAIRS AT 48" O.C.
1/2" PLYWOOD (NO ACCESS BEHIND)	1/4" TOGGLE BOLTS	PAIRS AT 48" O.C.
	1/4" WOOD SCREWS, FULL EMBED	PAIRS AT 37" O.C.
METAL STUDS / PANELS	#14 METAL SCREWS TO MIN 18ga STEEL OR 0.090" ALUM	PAIRS AT 48" O.C.
HOLLOW WALL + BLOCKING	1/4" THURBOLTS OR LAGS TO SOLID BLOCKING BEHIND	PAIRS AT 48" O.C.

LISTING MARK SIGN SECTION LABEL SHOWN ON EACH LETTER AS PER DRAWING

UNDERWATER LABORATORIES, INC. ELECTRIC SIGN NO. BK (6 DIGITS) ONE BOX OF ONE BOX

PANEL SCHEDULE  
ALL ELECTRICAL COMPONENTS ARE UL LISTED AND APPROVED  
ALL SIGNS GROUNDED ACCORDING TO ARTICLE 600.3 OF THE N.E.C.

WIRE SIZE	CIRCUIT NUMBER	BREAKER SIZE	LOAD DESCRIPTION	LOAD (VA)	PHASE	LOAD (VA)	LOAD DESCRIPTION	BREAKER SIZE	CIRCUIT NUMBER	WIRE SIZE
12	4	20A	SIGN							

LOAD PER PHASE: \_\_\_\_\_ TOTAL LOAD: \_\_\_\_\_

EXISTING DISCONNECT SWITCH FUSED AT 125 AMPS?  ENTER OVR: \_\_\_\_\_ TOTAL AMPS: 20 AMP CIRCUIT(S) REQUIRED: 1

SELECTING ELECTRICAL SERVICES: \_\_\_\_\_

482 IN 20

**WORLD Signs USA**  
786. 738.2878

**ANGEL JEWELRY**  
6210 SW 8 ST  
MIAMI, FL 33144

PARCEL NUMBER :  
I5-4012-021-0010

LEGAL DESCRIPTION :  
ALAMEDA PB 44-45  
LOTS 1 THRU 3 LESS W9FT OF LOT 3  
BLK I  
LOT SIZE 26931 SQ FT  
OR 12316-2919 1184 I  
COC 26217-2550 02 2008 5

SIGN INFORMATION

SIGN SQ.FT. : 19.56 SQ.FT.

MATERIAL : ALUMINUM

COLOR : YELLOW

ILUMINATION: 12 VDC WHITE LEDS

TRIM: BLACK

RETURN: BLACK

RACEWAY: MATCHE TO WALL COLOR

ELEVATION : NORTH

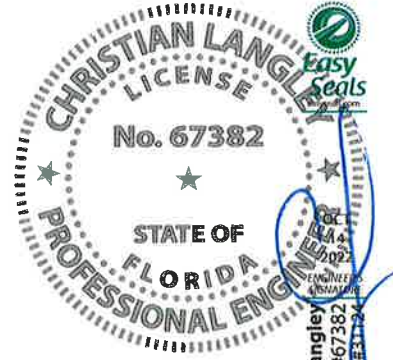
PROJECT TYPE  
EXTERIOR WALL SIGN  
ELECTRICAL SIGN

PERMIT TYPE  
ELECTRICAL SIGN

OWNER  
JENESCO PARTNERS LLC

OWNER ADDRESS:  
7600 RED RD STE 124  
SO MIAMI, FL 33143-5421

DESIGNER : RENATTO LLONA



Christian Langley  
Florida PE #67382  
Cert of AUTHORITY

1200 N Federal Hwy #200  
Boca Raton, FL 33432  
1-888-371-3113

ASCE 7-16  
V=175 mph  
WIND LOADS:  
• Exposure 'C'  
• Risk Category 2 Struct.  
• Sign Height = 30 ft max  
• Wall components & cladding:  
• Zone 4: ± 43.2 psf  
• Zone 5: ± 55.0 psf  
• Kzt=1.0, Kd=0.85, G=0.85  
• ASD Load Coeff = 0.6

General Notes: • Design is in accordance with the requirements of the Fla Bldg Code 7th Ed (2020) for use within & outside the High Velocity Hurricane Zone (HVHZ). • This engineering certifies only the structural integrity of those systems, components, and/or other construction explicitly specified herein. • Electrical notes, details, & specifications are provided by and are the sole responsibility of the electrical contractor. No electrical review has been performed and no certification of such is intended. • Structural design meets requirements of ACI 318-14, AISC 360-16, ADM1-15, & NDS-18, as applicable. • Steel components shall be coated, painted, or otherwise protected against corrosion per FBC Sec 2203.2/2222.6. • Alum components in contact with steel or embedded in concrete shall be painted or protected as prescribed in ADM1-15(1a), or plastic/neoprene spacers provided. • All exposed fasteners shall be S.S. or have a protective coating for corrosion protection. • All welding shall comply with AWS requirements. • Steel welds: E70xx electrodes. • Aluminum welds: 4043 filler alloy. • Alum extrusions: 6063-T6 or stronger, U.N.O.