

Method of Attachment and Electrical Detail

All Letters Illuminated with LED

Stucco over CBS Wall

Flush Mounted
Channel Letters

18" Channel Letters
Attached to CBS wall
with .25" x 1.25" tapcons
Total 4 per Letter

1. 5" Aluminum Return
2. Acrylic 3/16" Face, 1" Juelite Trim attached to Letter with 1/8" Tex Screws
3. 12V LED secured to back with 3M tape and 100% Silicone Glue.
4. 1/2" Liquid tight conduit
5. CBS Wall
6. 20 amp Toggle Disconnect
7. UL Listed 20 amp Disconnect
8. 12V Power Supply, 110 primary
9. 1/4" drain hole
10. 18 guage wire UL Approved
11. 1/2" sealtight connector
12. Individually mounted Channel Letters
13. Power Supply Can UL Approved with Ground.

This Sign is to be Installed in Accordance with the Requirements of Article 600 of the NEC and/or Other Applicable Local Codes, this Includes proper Grounding & Bonding of Sign

Photo Cell used to Conserve Energy
Sign UL Listed Conforms to NEC 600

20 amp Switch interrupts
110v Primary before
Sign connection

UL, APPROVED
LED POWER SUPPLY
20 Amp
Disconnect

TO PRIMARY 20 AMP CKT
EXISTING AT SITE
BY OTHERS

CBS Wall

ELECTRICAL DATA

ELECTRICAL NOTES

Volts	120V Primary/ 12V Secondary
Total AMPS	2.8 Amps
Circuits	1
Visible Disconnects	(1) 120VAC / 20 Amp
Power Supplies	(4) Hanley 60W 12V @ 0.7 Amps

1. All materials and fasteners meet 3004.4
2. All electrical components are UL listed and approved.
3. Sign grounded according to NEC 600.7
4. Sign manufactured and listed NEC 600.3 and marked per NEC 600.4
5. All branch circuits per NEC 600.5(B). 1 Or (B). 2
6. 20A Disconnect switch as per NEC 600.6(A)

Sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or applicable local codes. This is not a proper grounding and bonding detail.



FBC 2023 (8th Edition) & NEC 2020 Section C405.2.5
Sign shall be controlled by either a combination of a photosensor and a timer switch, or an astronomical time switch

GENERAL NOTES:

- Design is in accordance with the requirements of the **Fla Bldg Code 8th Ed (2023)** 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 318-19, AISC 360-16, ADM1-20, & 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 ADM1-20(1a), or plastic/nylon spacers provided.
- All exposed fasteners shall be S.S. or have a protective coating for corrosion protection.
- All welding shall be per AWS requirements. • Steel welds: E6010 electrodes.
- Aluminum welds: 4043 filler alloy. • Alum extrusions: 6063-T5, stronger, U.N.O.

ASCE 7-22 WIND LOADS: • Sign Height = 3' max. Wall components & cladding:
• V=170 mph • Exposure 'C' • Kzt=1.0, Kd=0.1 • Z=30' • S=0.001 • W=40.7 psf
• Risk Category 2 Structure • ASD Load Combination: 1.2D+1.6W • Z=30' • S=0.001 • W=51.8 psf

McNab Self Storage Tenant Sign
Engineering Detail
950 E McNab Rd,
Pompano Beach FL.

Victor Ceron PE

PE 63023 CGC 1511305

8888 Fountain Blue Blvd # 33172

Ph: 786 282-5292

Designed by
Value Graphics UL Sign Fabricator
954-588-0483