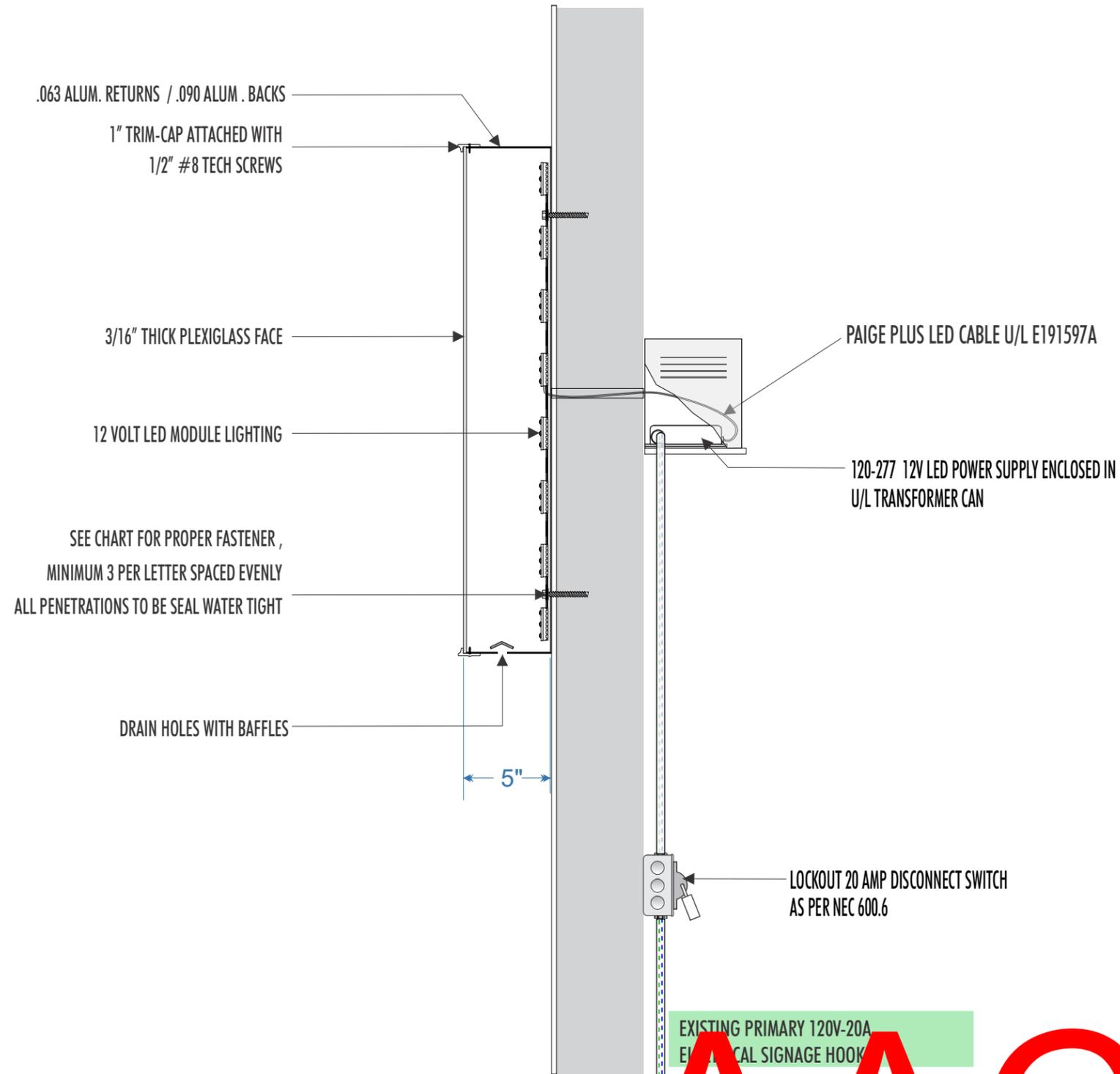


WALL SIGNAGE FOR TENANTS // FRONT-LIT CHANNEL LETTERS



ELECTRICAL SPECIFICATIONS:

All electrical components are UL Listed.
Signage grounding and bonding as per NEC 250.
Primary wiring #12 THHN as per NEC 600.
Minimum 20 Amp. disconnect switch per NEC 600.6
Minimum 1/2" conduit, Astronomical Time Clock per FEC.



QTY	SOURCE	SIZE	AMPS	TOTAL

CIRCUITS REQUIREMENTS

OF CIRCUITS REQUIRE ____ TOTAL AMPS ____

OF 20 AMP DISCONNECT SWITCHES ____

BREAKER # ____ PANEL ____

CALCULATION: Minimum Number of Fasteners
Evenly Spaced Over Each Letter or Cabinet
(Fasteners = Wind Force on Whole Sign Area / Fastener Allowable Tension)

Fastener	Wall Structure	Pull	Fastener Installation
3	3/16" Toggle Bolt	Dry Wall 245	Toggle Bolt, Power spring-wing, in dry wall
3	3/8" ThruBolt	Structural Wall 500	3/8" bolt, nut, washer thru wall; CMU, brick, concrete, 2x4 or unistrut backer
3	3/16" Tapcon	Stucco Plywood 100	3/16" Tapcon thru 1/2" OSB or plywood sheathing
3	3/16" Tapcon	Concrete 171	3/16" Tapcons, min 1.5" embedment, protect from moisture
3	3/16" Tapcon	CM 43	3/16" Tapcon, min 1.25" embedment, protect from moisture.
3	#10 Tek Screw	20ga CFS Frame 83	#12-14 Self-drilling screws 3 thread thru 20ga steel frame.
3	#10 Wood Screw	5/8" Sheathing 77	#12-14 wood screw or SMS into 5/8" osb or plywood sheathing.
3	3/16" Toggle Bolt	CMU or Densglas 53	Toggle Bolt, power springs-wing, in CMU, OSB, or 5/8" Dens Glass.
3	3/8" Sleeve Anchor	Concrete or CMU 380	3/8" Sleeve Anchor, 1.5" embedment.
3	3/8" Toggle	Hollow CMU 360	3/8" steel rod, 3/8" toggle bolt.
3	3/8" Stud Glued	Solid wall Mat'l 50	3/8" Threaded rod stud glued in solid wall mat'l Liquid Nails LN-950, Hilli DY-70, or equal.
3	Pin Stud Thru	Structural Wall 100	3/16" pin-stud, nut, and washer thru structural wall or 2x4 blocking
3	Pin Stud Glued	Solid Wall Mat'l 25	3/16" pin-stud glued in solid wall mat'l, liquid Nails LN-950 or equal

IMPORTANT - Adhesives are strong but none have code approval for structural applications. Sign installer must test glued stud connection strength. For 3/16" stud pull 50 lb per stud; for 3/8" stud pull 100 lb per stud. Use tripod, game scale, and hooks.

Broward & North Wall Sign

- Design, fabrication and construction to the following codes and specifications:
 - The Florida Building Code (2020) 7th edition
 - American Welding Society AWS D1.1-04 & D1.2
 - Specifications for aluminum structures by the Aluminum Association (Current Edition)
- Structural requirements:
 - All bolted connections shall be made with ASTM A307 bolt or equal
 - All anchors bolts shall be ASTM A307 or equal (flat washers at nut)
 - All welds shall be made with E70XX electrodes or equal
 - The electrical installation shall be in compliance with the National Electric Code (NEC 2017) grounding and bonding as per NEC 250 600-7
 - H.V.H.Z., section 1620 F.B.C., ASCE 7-16 170 MPH, exposure C, Category 2, Chapter 16

ART SIGN CO INC
835 NW 6TH AVE.
FT. LAUDERDALE, FL 33311
954.763.4410 | artsignfl.com

FILE: Festival Marketplace_SIGN PACKAGE_SM_V
ADDRESS: 2900 W Sample Rd
MUNICIPALITY: City of Pompano Beach

REVISION V2: 01/17 | CHANGES TO LAYOUT
REVISION V3: 01/21 | CHANGES TO LAYOUT
REVISION V4: 09/08 | CHANGES TO LAYOUT
REVISION V5: 09/10 | CHANGES TO LAYOUT
REVISION V6: 09/21 | CHANGES TO LAYOUT
REVISION V7: 09/27 | CHANGES TO LAYOUT
REVISION V8: 01/06 | CHANGES TO LAYOUT
REVISION V9: 01/06 | CHANGES TO LAYOUT
REVISION V10: 11/02 | CHANGES TO LAYOUT
REVISION V11: 11/04 | CHANGES TO LAYOUT
REVISION V12: 11/17 | CHANGES TO LAYOUT
REVISION V13: 12/10 | CHANGES TO LAYOUT
REVISION V14: 02/08 | CHANGES
REVISION V15: 03/04 | CHANGES
REVISION V16: 03/09 | CHANGES
REVISION V17: 04/11 | CHANGES

CLIENT APPROVAL:
START DATE: 08/2/2021 **SALE REP:** Jack **ARTIST:** Steph

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