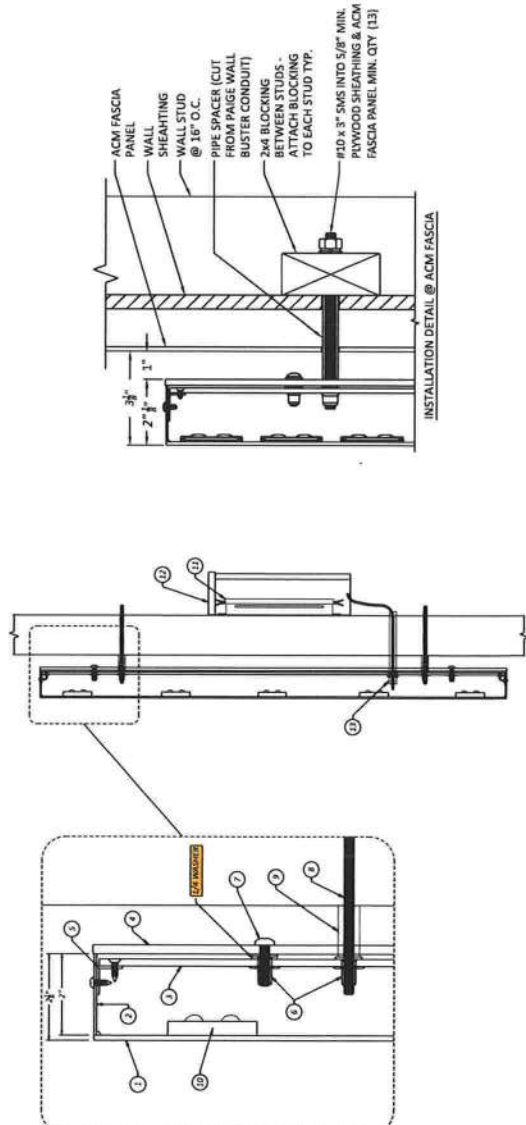
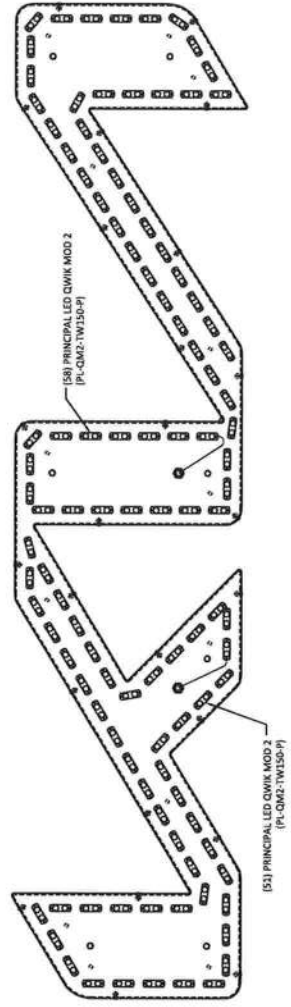
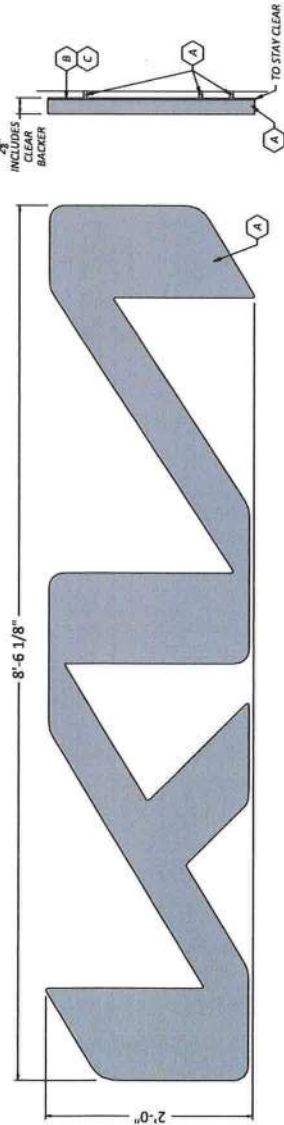


SIGN E05

#	Colors:
A	PAINT: KIA SILVER
B	VINYL: 50K DIFFUSER (BACKSIDE OF 220 CLEAR)
C	VINYL: 3635-208 WHITE BLOCK OUT (FRONT SIDE OF 220 CLEAR)

24" KIA WALL LETTERS - NEW KUSWL 24

ITEMPART NO.	DESCRIPTION	QTY
1	125 ALUMINUM FACE	10000
2	125 ALUMINUM COL RETINGS	10000
3	177 CLEAR POLY BACK	10000
4	220 CLEAR ACRYLIC BACK	10000
5	208 ALUM. ROUTED CLIPS	10000
6	1/4 RIVET NUTS	10000
7	1/4 PAN HEAD BOLTS w/ WASHERS	10000
8	10 x 3" SMS INTO 5/8" MIN.	10000
9	1-1/4" SPACERS (CUT FROM WB TUBES)	10000
10	PRINCIPAL QWIK MOD 2 6500K LEDs	10000
11	PRINCIPAL 60W POWER SUPPLY	10000
12	POWER SUPPLY BOX	10000
13	WALL BUTTER	10000



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John H. Omslaer
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Beach, e=Dynamic Engineering
Solutions Inc. cn=John H. Omslaer,
email=John.H.Omslaer@pompano.net
Date: 2022.08.11 09:56:23 -0400

NAME PATTISON SIGN GROUP INC		JOB NAME ROUNTREE MOORE KIA	
ADDRESS 2528 US HIGHWAY 90 WEST LAKE CITY, FL 32055		DESIGNER S.E.	
DATE 07/22/2022		DWG NO. B22745	
SALES REP. GARY		DATE 07/22/2022	
APPROVAL		REVISIONS	

Dynamic Engineering Solutions, Inc.
John H. Omslaer, P.E. 62733, EB 20829
351 S. Cypress Road, Suite 303 • Pompano Beach, FL 33060
DESIGNED IN COMPLIANCE 2020 FLORIDA BUILDING CODE, 7th EDITION SECTION 1620 AND APPENDIX H AND ASCE 7-16
VUL/T WIND SPEED **140** MPH • EXPOSURE CLASSIFICATION = C • RISK CATEGORY = II
DESIGN PRESSURE **28.1** PSF

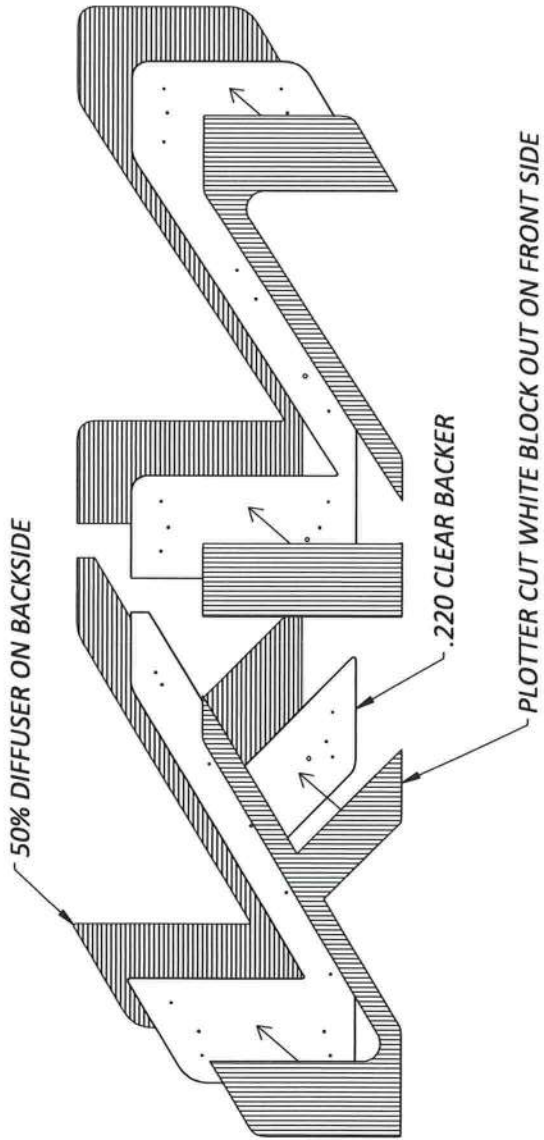
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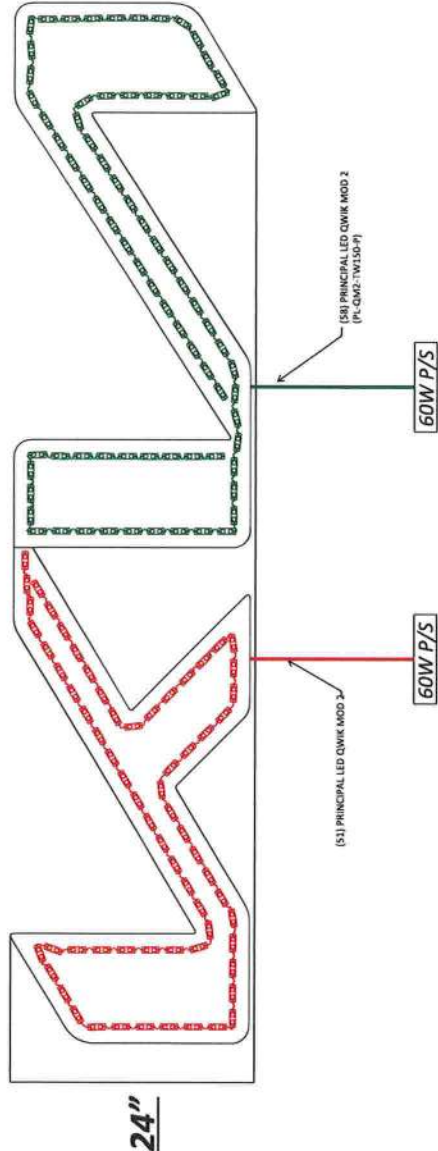
54967

PROCESS FOR .220 CLEAR BACKERS

SIGN E05



#	Colors:
A	PAINT: KIA SILVER
B	VINYL: 50% DIFFUSER (BACKSIDE OF .220 CLEAR)
C	VINYL: 3635-208 WHITE BLOCK OUT (FRONT SIDE OF .220 CLEAR)



109 Modules: Principal - Qwik Mod 2 Custom KIA - Qwik Mod 2 - PL-QM2-TW150-P
(2) 60W PRINCIPAL POWER SUPPLY

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John H
Omslaer

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Date: 2022.08.11 09:56:59 -0400



NAME	PATTISON SIGN GROUP INC
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DESIGNER	B22746
S.E.	GARY
DATE	07/22/2022
SALES REP.	GARY
APPROVAL	
REVISIONS	

DESIGNED IN COMPLIANCE 2020 FLORIDA BUILDING CODE, 7TH EDITION SECTION 1620 AND APPENDIX H AND ASCE 7-16
VULN WIND SPEED 140 MPH • EXPOSURE CLASSIFICATION = C • RISK CATEGORY = II
DESIGN PRESSURE 26.1 psf

Dynamic Engineering Solutions, Inc.
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SALES REP.	GARY
DATE	07/22/2022
REVISIONS	
APPROVAL	

DESIGNED IN COMPLIANCE 2020 FLORIDA BUILDING CODE, 7th EDITION SECTION 1625 AND APPENDIX H AND ASCE 7-16
 VUL7 WIND SPEED 140 MPH • EXPOSURE CLASSIFICATION = C • RISK CATEGORY = II
 DESIGN PRESSURE 26.1 PSF
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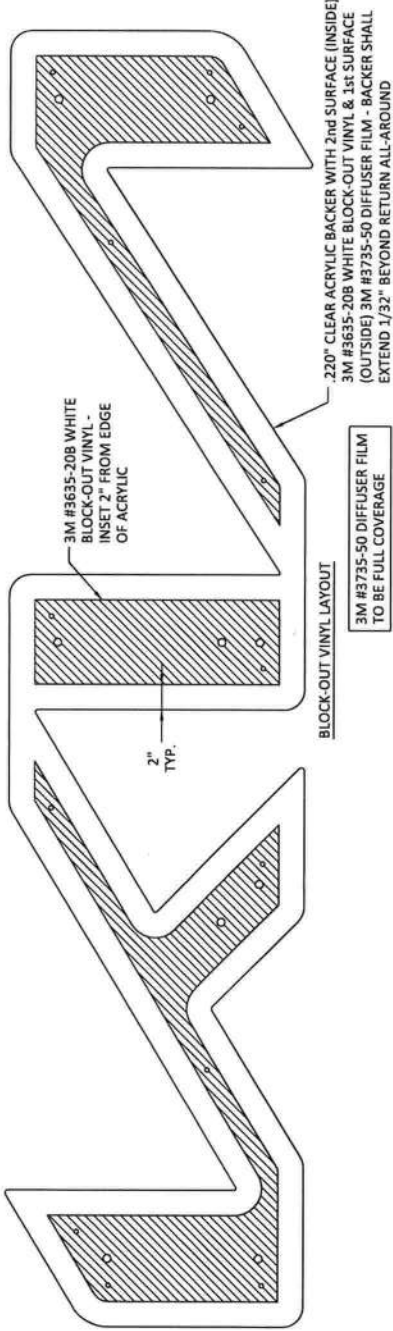
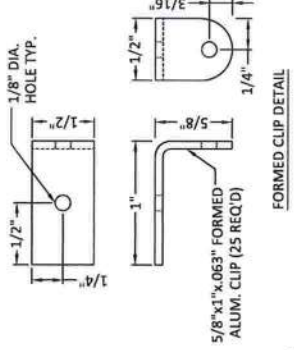
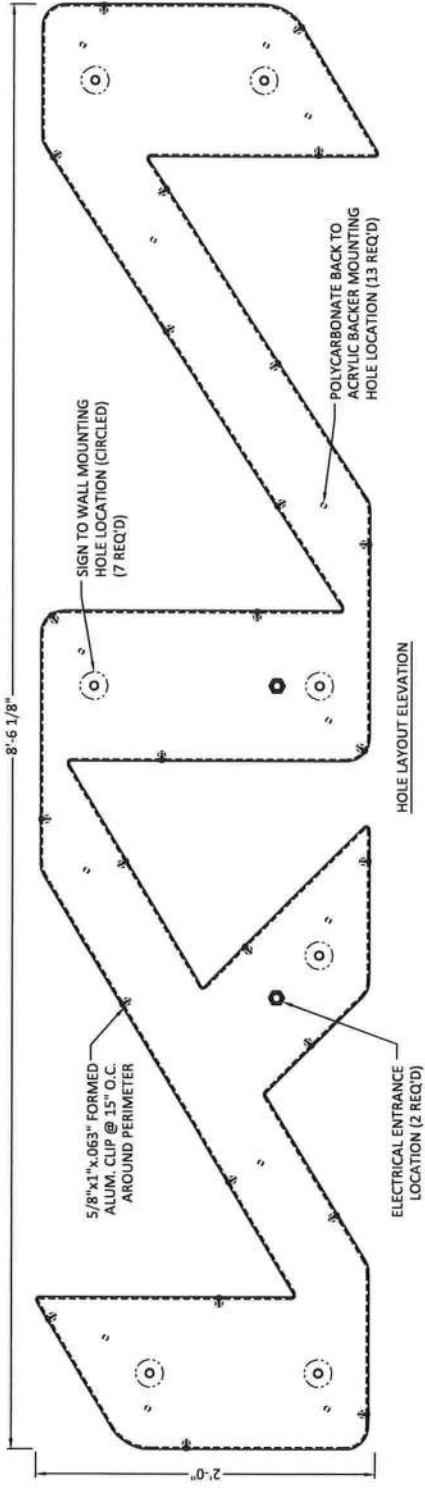


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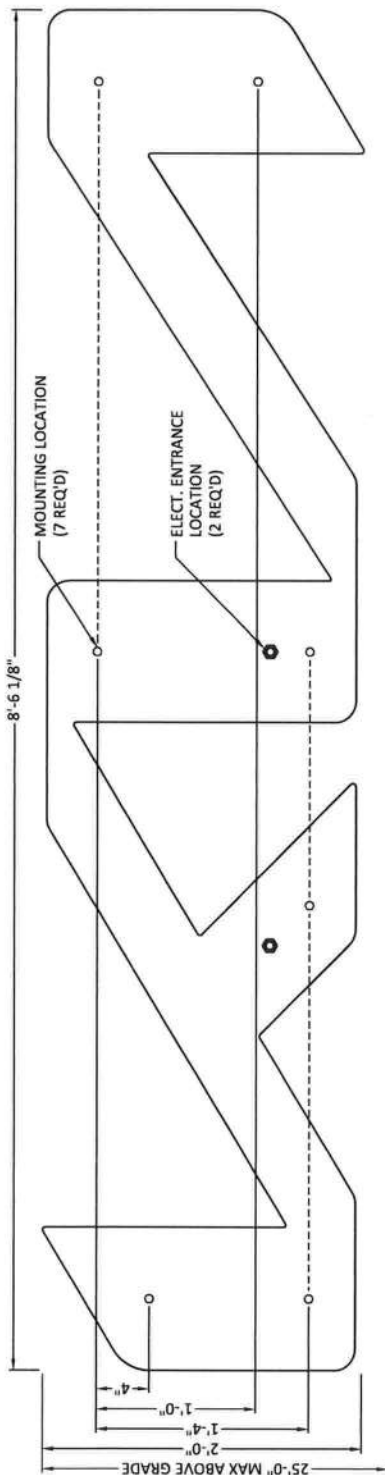
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 email=jh.oms@desol.com, cn=John H. Omslaer,
 Date: 2022.08.11 09:57:00 -0400

John H
 Omslaer

SIGN E05



SIGN E05

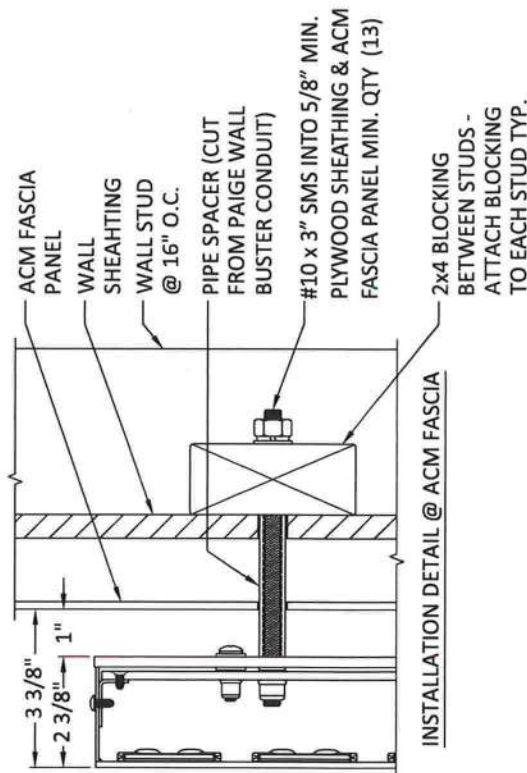


MOUNTING ELEVATION

General Notes:

1. All fasteners shall be stainless steel or otherwise coated to prevent corrosion.
2. All wall penetrations shall be sealed to prevent water intrusion.
3. All support members shall be free from defects. Aluminum channel and angle shall be 6061-T6 alloy. Aluminum plates shall be 5052-H34 alloy. Aluminum sheet shall be 3003-H14 alloy. Aluminum welds shall be made with 5356 filler by persons qualified in accordance with AWS standards within the past two years.
- 4.

ALL EXPOSED FASTENER HEADS
SHALL BE PAINTED TO MATCH
THE EXTERIOR CABINET FINISH



INSTALLATION DETAIL @ ACM FASCIA

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Omslaer

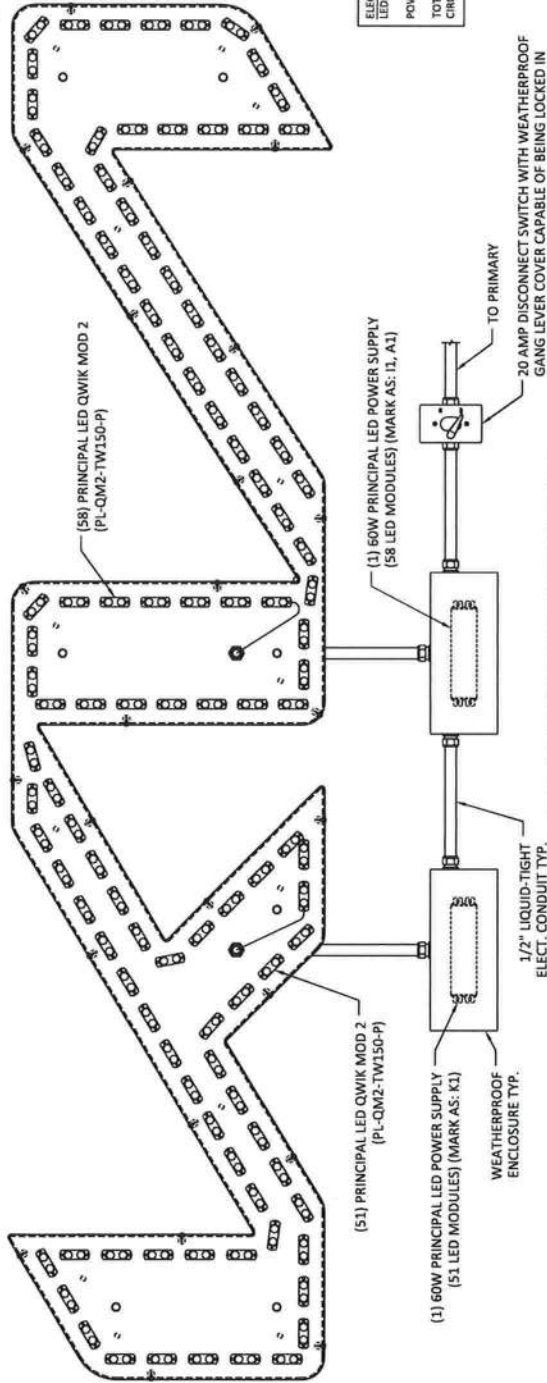
Digitally signed by John H Omslaer
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Beach, o=Dynamic Engineering
Solutions Inc, cn=John H Omslaer,
email=JHOmslaer@dynamiceng.com
Date: 2022.08.11 09:50:20 -0400



NAME	PATTISON SIGN GROUP INC
JOB NAME	ROUNTREE MOORE KIA
ADDRESS	2528 US HIGHWAY 90 WEST LAKE CITY, FL 32055
DESIGNER	DWG NO.
S.E.	B22748
DATE	07/22/2022
SALES REP.	GARY
APPROVAL	
REVISIONS	

DESIGNED IN COMPLIANCE 2020 FLORIDA BUILDING CODE, 7th EDITION SECTION 1620 AND APPENDIX H AND ASCE 7-16
VULNERABILITY WIND SPEED 140 MPH • EXPOSURE CLASSIFICATION • C • RISK CATEGORY • II
DESIGN PRESSURE 26.1 psf
351 S. Cypress Road, Suite 303 • Pompano Beach, FL 33060
John H. Omslaer, P.E. 52733, EB 26829
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SIGN E05



ELECTRICAL REQUIREMENTS:
 LIGHT FIXTURE MAKE PRINCIPAL LED
 LED: (58) QWIK MOD 2 (PL-QM2-TW150-P)
 POWER SUPPLY: (2) 12V/60W PRINCIPAL LED
 TOTAL LOAD: 2.20A @ 120VAC
 CIRCUITS: (1) 20 AMP REQUIRED

LED LAYOUT & WIRING DIAGRAM

Installation Instructions

- Mount sign as required on engineered design drawings.
- Install and penetrate pattern to locate and mark all mounting and electrical conduit penetrations.
- Seal all wall penetrations.
- Connect secondary and primary supply conductors to provided splice connection conductors in appropriate splice compartment enclosure as intended and required by applicable codes.
- Make all electrical connections and test sign.
 - Field wiring compartment located in disconnect junction box as required by UL 48 and NEC Article 600.6 (A) (1).
 - Installation of all wiring and electrical connections must conform to national electrical code requirements.
 - Sign and structural must be properly grounded per requirements of national electrical code and applicable local codes.
 - Do not test light sign using the service truck generator.
 - Make sure service truck frame and body are grounded to earth ground before servicing the sign.
 - Electrical connection must be made on a dedicated 120v connection.
 - Confirm proper line voltage with voltage meter prior to connecting conductors to supply conductors.
 - Locate and mark to identify branch circuit(s) in electrical panel.
- Clean product of any fingerprints and installation debris.
- Clean site of all installation debris.
- Sign permit tags, which shall include the address of the property on which the sign is located, permit number, date installed, and the name of the installation company or person, shall be affixed to each new sign permitted pursuant to this article. Sign permit tags should be of a durable weatherproof material and affixed in a location readily visible on the sign and shall be supplied by the installation company or person.
- Apply sign wet, damp or dry determination tags

SIGN MANUFACTURED AND ALL COMPONENTS TO COMPLY WITH U.L. AND NEC 2017 REQUIREMENTS ELECTRICAL

Sign to be listed as per NEC 600.3
 Sign to be listed as per NEC 600.5 located within sight of sign. The control switch amps rating not less than twice the ampere rating of transformers as per NEC 404.14 and 600.6 (B).
 No. 600.6 (b)(2)
 Energized, the disconnecting means shall be lockable in accordance with 110.25
 Branch circuits not to exceed 20 amperes as per NEC 600.5 (A) & (B).
 Grounding and bonding as per NEC 600.7 (A) and (B) including article 250.
 Equipment grounding to be grounded by connection as per NEC 600.7 (a) (1) and 250.118.
 Grounding conductor sizing as per NEC 600.7 and 250.122.
 Equipment bonding connection to be in accordance with 250.8.
 Sign to be marked as per NEC 600.4 (A). Power supplies marked as per NEC 600.23 (A)-(F).
 Section signs to be marked and installation instructions provided as per NEC 600.4 (C)(D) and (E).
 Sufficient number of 1/4" drain holes as per NEC 600.9 (D).
 Ballast, transformers, electrical power supplies, and class 2 power sources as per NEC 600.21 within the sign as per NEC 600.22. Grounding as per NEC 600.7 and article 250.
 Class 2 power sources as per NEC 600.24 (A)-(D).
 Field installed secondary wiring to be installed as per NEC 600.12 (A), (B) and (C).
 Attic/soffit sign equipment locations requiring at least one (1) lighting outlet containing a disconnect near the sign equipment as per NEC 600.21 (D) and (E).
 Power supplies as per NEC 600.21, 600.23 and 600.32.
 Primary conductors strain relief required as per UL 48.
 All signs circuits to be controlled by a photo cell or time clock as per NEC 13.415.
 AB.1.4 and energy conservation code C 405.6.2 exception 2.
 Sign to be manufactured and install in accordance with NEC 2020 chapter 16 including sections 3107 and 2612.
 THE MANUFACTURER REQUIRES THAT ALL COMPONENTS BE LISTED BY A RECOGNIZED TESTING SERVICE

This sign is intended to be installed in accordance with the requirements of UL 48, NEC Article 600 and/or other applicable local codes. Sign products are only suitable for use when connected to a power source that does not comply with Class 2 voltage and energy limited supplies.

Disconnect Switch Statement:
 The location of the disconnect switch after installation shall comply with Article 600.6(A) (1) of the National Electrical Code.

FOR ALL OUTDOOR LOCATIONS, ALL RACEWAYS FITTINGS AND BOXES ARE WEATHERPROOF AND INCLUDE DRAIN HOLES
 NOTE: ALL ELECTRICAL COMPONENTS CONFORM TO UL 48 STANDARDS FOR SAFETY



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John H
Omslaer

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 Solutions Inc, email=jho@dynamicengsolutions.com, c=US
 Date: 2022.06.11 15:55:28 -0400

McNeill Signs, Inc.
 Serving Florida Since 1956

NAME	PATTISON SIGN GROUP INC
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ADDRESS	2528 US HIGHWAY 90 WEST LAKE CITY, FL 32055
DESIGNER	S.E.
DWG NO.	B22749
SALES REP.	GARY
DATE	07/22/2022
REVISIONS	

DESIGNED IN COMPLIANCE 2020 FLORIDA BUILDING CODE, 7TH EDITION SECTION 1620 AND APPENDIX H AND ASCE 7-16
 (VUL) WIND SPEED 140 MPH • EXPOSURE CLASSIFICATION = C • RISK CATEGORY = B
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