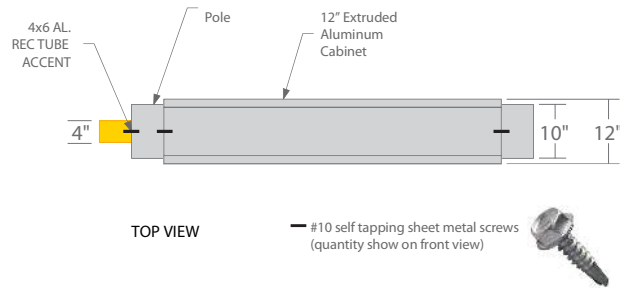


FRONT VIEW - 25'-5"



TOP VIEW



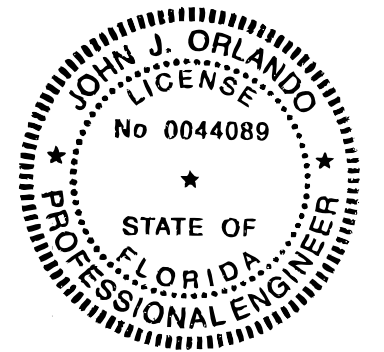
SITE MAP

SPECIFICATIONS:

- Remove & dispose of existing sign components.
- Fabricate & install new sign cabinets & components attached to existing 6x10 HSS steel poles.
- Thermoformed polycarbonate sign faces w/ translucent graphics.
- Remount existing EMC.
- LED illumination.
- Price changers:
 - Sun Club: CC1-1H2W-Di.
 - Regular: FL-3000-18-Di Red.
 - Diesel: FL-3000-18-Di Green.
- Repaint poles w/ Rustoleum Met. Aluminum (mix).



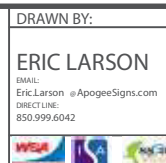
EXISTING SIGN



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Date: 2021.04.15 17:00:12 -04'00'

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Conforms to the requirements of the 7th Edition (2020) of the Florida Building Code sections 1609 and 3107, V(ult) = 120 mph, Exposure category = C, Risk category = II
John J. Orlando PE LLC - 165 Old Ridge Road - Macon, GA 31211 - 478 731 5394 - jjorlando@cox.net - Florida registration # 0044089 job 0821APG sheet 1 of 3



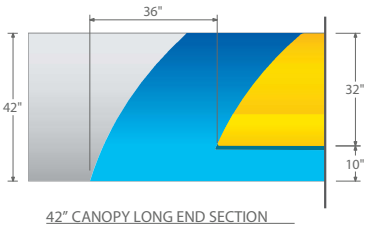
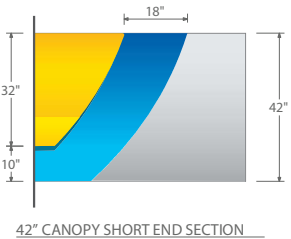
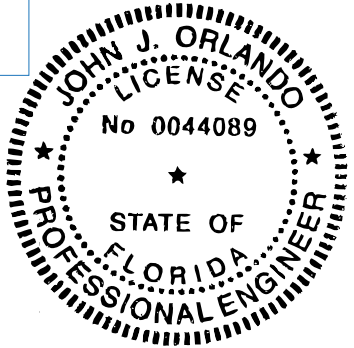
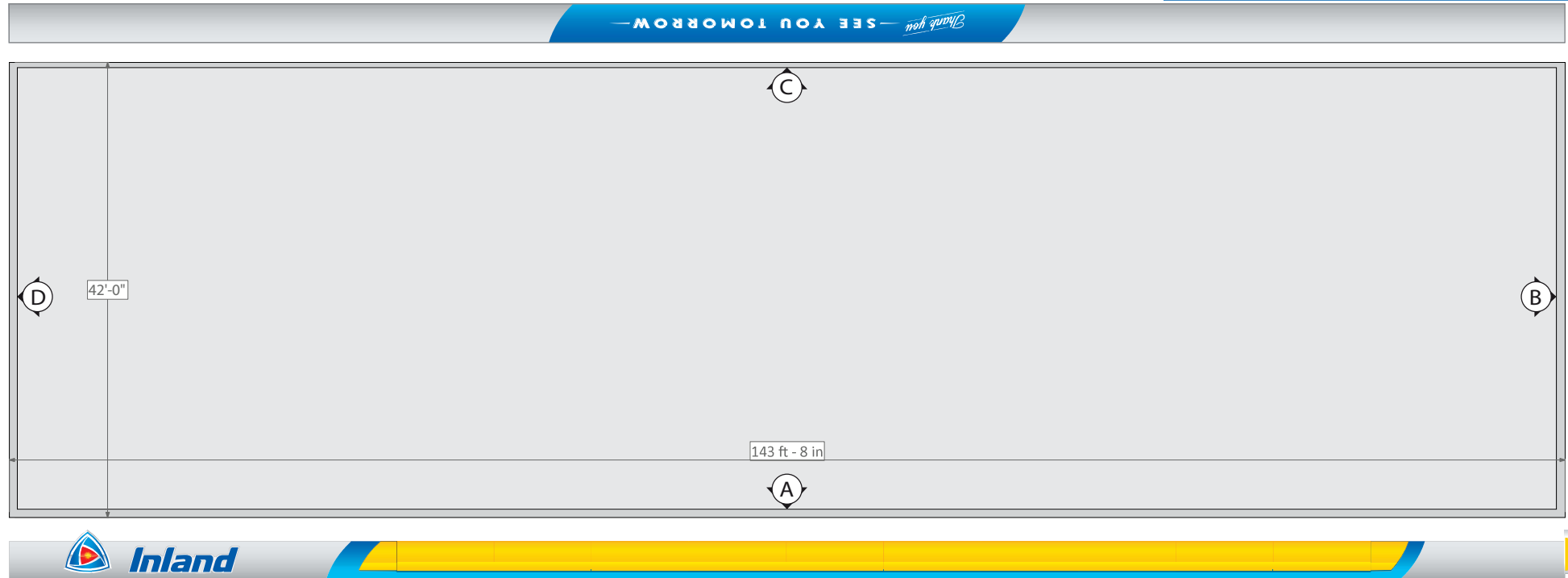
INLAND #329
2366 SW Pinemount Rd.
Lake City, FL. 32024

JOB NUMBER:	000000	SHEET: SITE PLAN
DATE:	03/15/2021	A.1

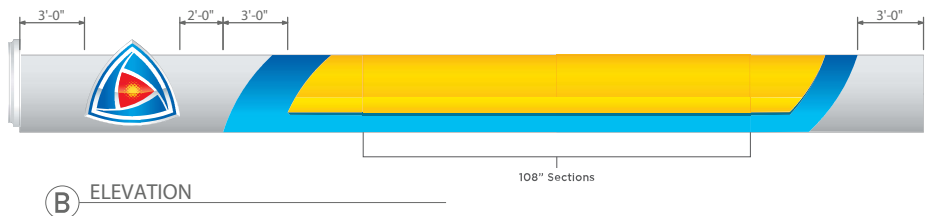
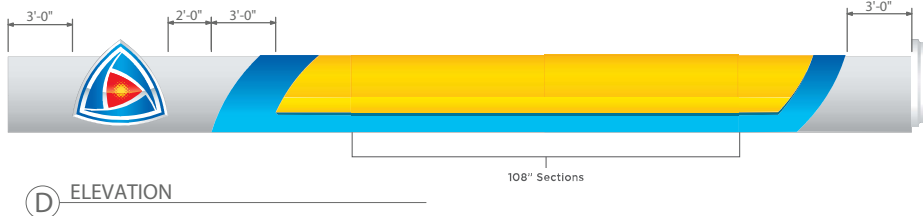
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SW Birley Ave



Pinemount Rd



ELEVATION C



251 FORTUNE BLVD
MIDWAY, FL. 32343
PH: 850.224.7446
FX: 850.224.8936
ApogeeSigns.com
STATE CERTIFIED
SIGN CONTRACTOR
LIC# ES12000314

DRAWN BY:

ERIC LARSON

EMAIL:
Eric.Larson @ApogeeSigns.com
DIRECT LINE:
850.999.6042



Conforms to the requirements of the 7th Edition (2020) of the Florida Building Code sections 1609 and 3107, V(ult) = 120 mph, Exposure category = C, Risk category = II
John J. Orlando PE LLC - 165 Old Ridge Road - Macon, GA 31211 - 478 731 5394 - jjorlando@cox.net - Florida registration # 0044089 job 0821APG sheet 2 of 3

INLAND #329
2366 SW Pinemount Rd.
Lake City, FL. 32024

JOB NUMBER:

000000

DATE:

03/15/2021

SHEET: SITE PLAN

A.2

Job name Inland #329
Job# 0821APG
Sign company: Apogee Signs
Installation location: 2366 SW Pinemount Rd., Lake City, FL 32024

Section 3107 and 1609 of Florida Building Code 2020 and Chapter 30 ASCE 7-16 applies.
Application of wind pressures using the alternative all heights method for components and cladding

Type of structure: replacement sign cabinets on existing steel pylons and ACM panels on an existing canopy

Occupancy Category: II

Wind velocity (3 sec gust), FBC 2020, section 1609.3: 120 mph

Wind pressure (qz) 36.9 psf

Net Pressure Coefficient (Cnet) from Figure 30.7-2

Components and cladding not in areas of discontinuity - walls and parapets -1.09
Wind Pressure -40.2 psf

Wind load applied between wall and structure, pulling structure away from wall
Load carried by tension in fasteners connecting structure to wall

- maximum height of structure to be attached	6.15	3.42	4.00	1.75
- maximum width of structure to be attached	5.23	5.23	5.23	5.23
- fill factor	1.00	1.00	1.00	1.00
- projected area of each component to be attached	32.1	17.9	20.9	9.2
- wind load	-1293	-719	-841	-368
- design limit tension load per fastener to	200	200	200	200
- even number of fasteners minimum of 2 =	-8	-4	-6	-2
- number of fasteners practically required due to structure shape	8	4	6	4
- weight of structure is approximately	48	27	31	14
- design limit shear load per fastener to	400	400	400	400
- average shear load per fastener =	6.0	6.7	5.2	3.4

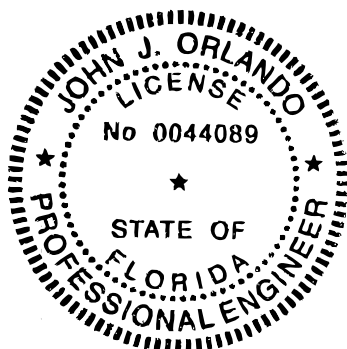
Mounting surface construction is: existing steel pylons

Method 8 - #10 self tapping sheet metal screws (ITW Teks Select 10-16 x 3/4" part no. 1076000).
http://www.itwbuildex.com/pdf/teks_select_datasheet.pdf

References:

ASCE 7-16
The 7th Edition (2020) of the Florida Building Code

sheet: 3 of 3



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