


DRC

PZ23-12000026
12/04/2024

Luminaire Schedule: TOWNHOUSES @ NW 19TH AVE - SITE POMPANO BEACH, FL 07/18/2023										
Symbol	Qty	Label	Arrangement	Manufacturer	Catalog Number	Mounting	LLF	Luminaire Lumens	Luminaire Watts	Arrangement Watts
	2	SA	Single	Lithonia Lighting	RSX1 LED P2 40K R5 EGS	POLE MOUNT A.F.G.	0.903	6885	72.9467	72.947

Calculation Summary: TOWNHOUSES @ NW 19TH AVE - SITE POMPANO BEACH, FL 07/18/2023							
Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING & DRIVE LANE	Illuminance	Fc	1.19	1.5	0.6	1.98	2.50
PROPERTY LINE (5' above grade)	Illuminance	Fc	0.17	1.0	0.0	N.A.	N.A.

REVISIONS

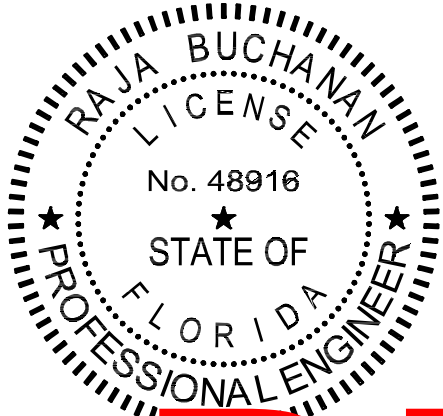
TOWNHOUSES AT NW 19 AVE
POMPANO BEACH, FL 33069

MIAMI
ARCHITECT
INC.
7755 SW 117 ST. MIAMI, FL 33156
TEL: (305) 256-1720
AA 28000671

TACHI AFKHAM
STATE OF FLORIDA
ARCHITECT
AR0014758
DATE: 11/23-20

Raja Buchanan, State of Florida,
Professional Engineer, License
No.48916 This item has been
digitally signed and sealed by Raja
Buchanan on the date indicated here.
Printed copies of this document are
not considered signed and sealed
and the signature must be verified on
any electronic copies.

Digitally signed
by Raja Buchanan
Date: 2023.10.04
18:24:46 -04'00'



BUCHANAN P.E CONSULTING
ELECTRICAL * MECHANICAL * PLUMBING
ENGINEERING
6191 W. ATLANTIC BLVD., SUITE 100, FL 33163
Ph: 954-590-3300 Fax: 954-590-2232
Email: BUCHANANPEENGINEERING.COM
CERTIFICATE OF AUTHORIZATION # 8848
RAJA BUCHANAN P.E # 48916

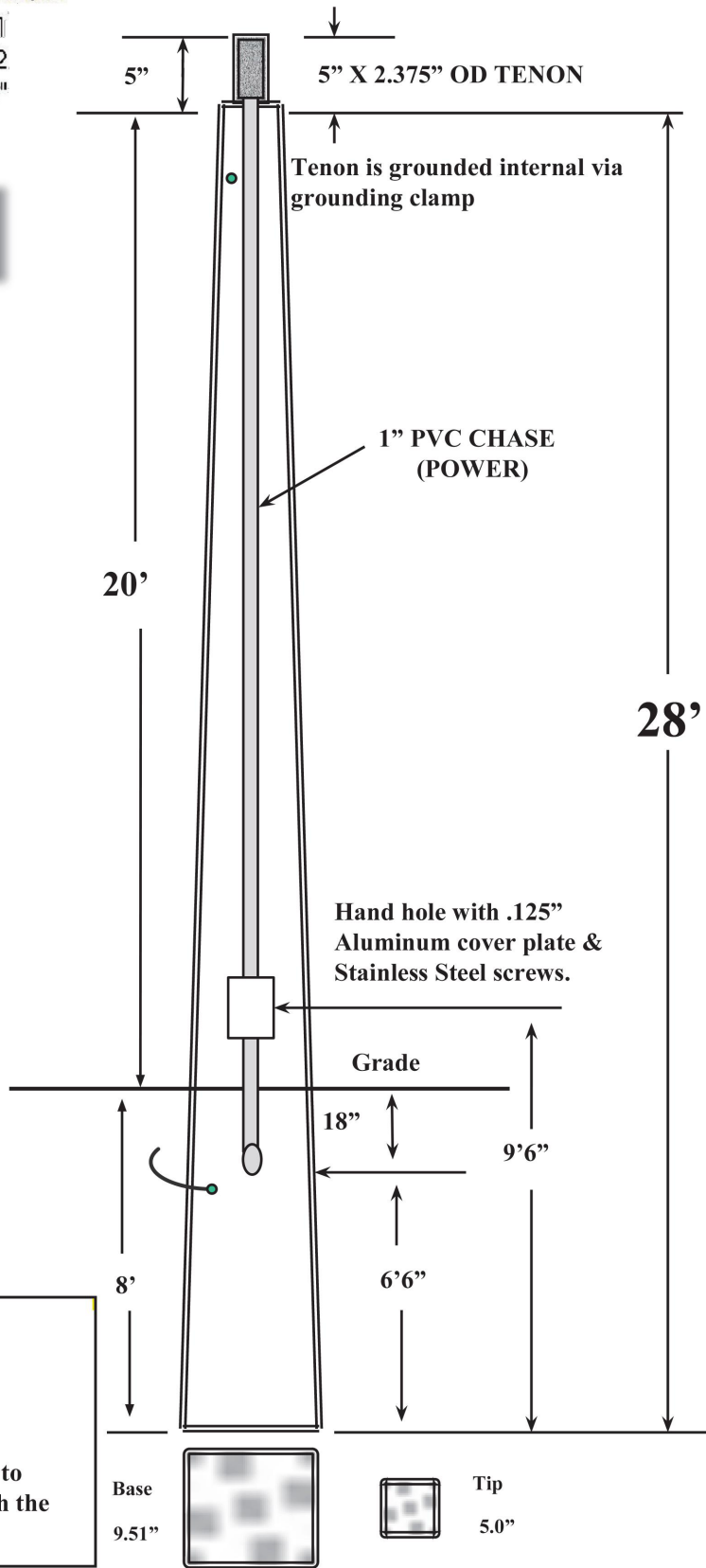
PZ23-12000026
11/15/2023

Utilities Structures, Inc.
PO Box 9303 Ft Myers, FL 33901
Ph. 1-800-798-7653 Fax. 1-941-332-7132
"Your Prestressed Concrete Pole Producer"

US128TII-S-9666

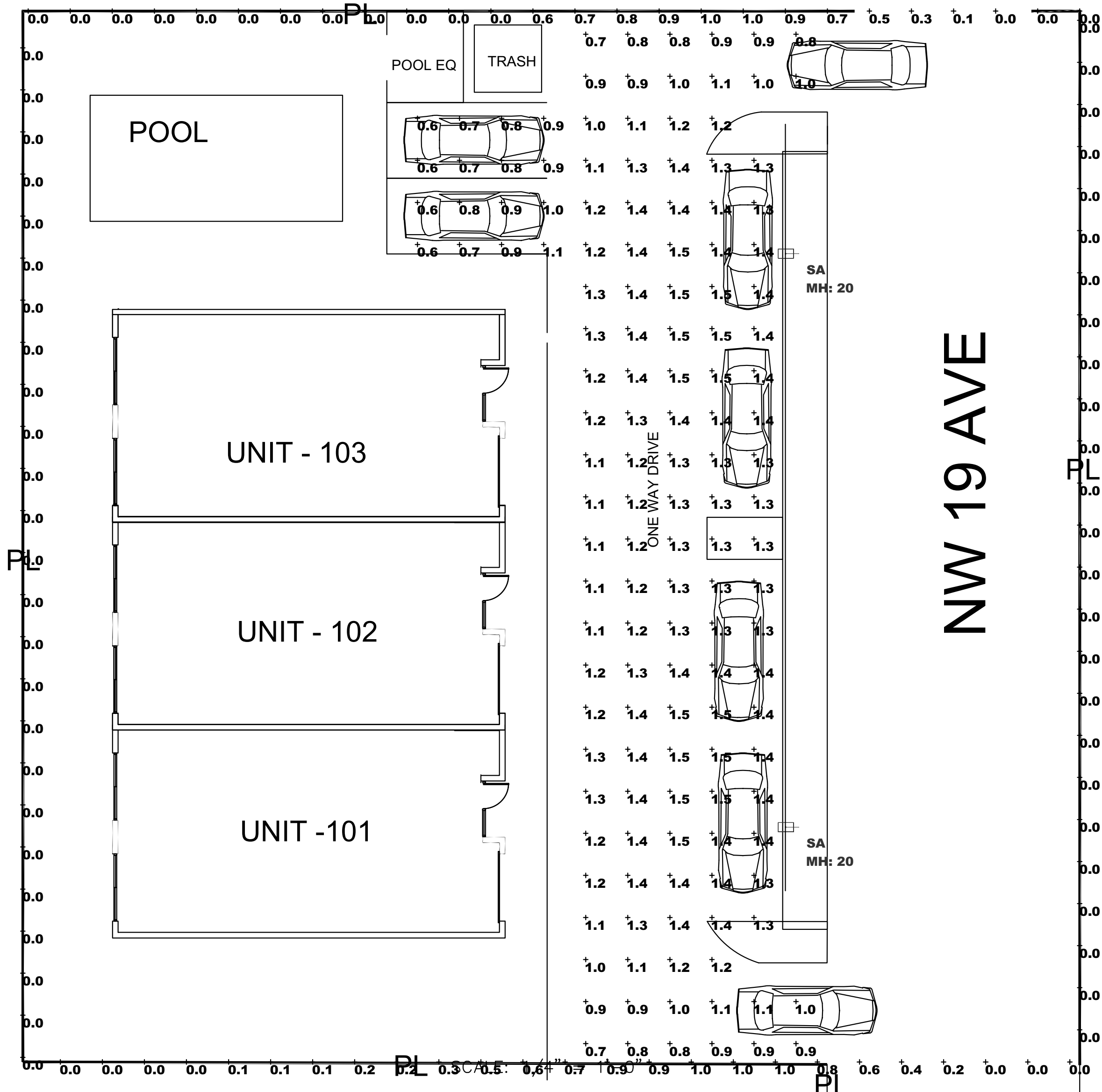
Prestressed Concrete
Pole
• Pole Weight= 1,550lbs
• Wind speed= 175Vult
• Exposure="C"
• Risk Category II
• Gust Factor= 1.2
• 2020 FBC 1620 HVHZ, 1609 & 1806
• ASCE 7-16
• Min. Brk. Strength 2,400#
• Concrete= 6,500lbs @ 28 days
• Grd. Wire= #6 copper
• Strand= 1/2" @ 70% Ultimate
• Tenon= 2.375" OD x 5" Hgt.

Select Structural, LLC.
Shawn R. Anderson, P.E., S.E.



PROJECT:

This pole embedded 8" in to soils with an allowable
passive pressure of 300pcf is structurally adequate to
resist the local wind speeds of Miami-Dade Co. with the
2.4sqft epa attached.



PHOTOMETRIC SITE PLAN

SCALE: 3/32" = 1'-0"

