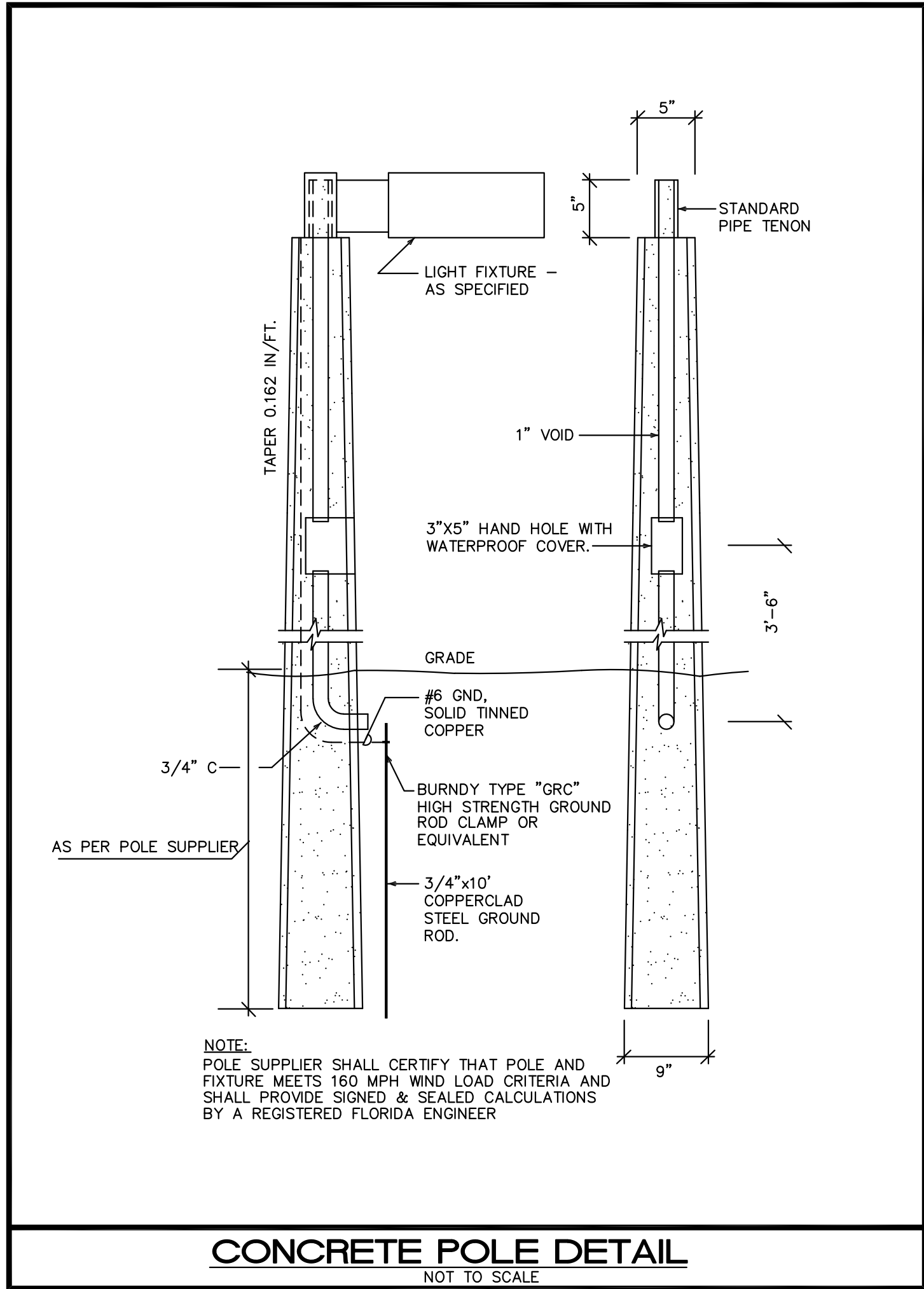


PHOTOMETRIC PLAN

Scale: 1" = 20'

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Lum. Watts	Total Watts
SC	7	SC (EXISTING)	SINGLE	N.A.	0.900	MSA-SAZA-740-U-T3- EXISTING STREET LIGHTS	66	462
SB	2	SB	SINGLE	N.A.	0.900	GLAN-SAZA-740-U-T4W-59W-BY FPL MOUNTED AT 13FT	59	118
SA	5	SA	SINGLE	N.A.	0.900	GLAN-SAZB-740-U-T4W-127W-BY FPL MOUNTED AT 24FT	121	605

Location	CalcType	Units	Illuminance				
			Avg	Max	Min	Avg/Min	Max/Min
BUILDING REAR	Illuminance	Fc	2.85	4.5	0.8	3.56	5.63
FRONT SIDEWALK AND ENTRANCES	Illuminance	Fc	0.94	2.1	0.3	3.13	7.00
PARKING	Illuminance	Fc	2.37	3.7	1.1	2.15	3.36
PROPERTY LINE (NON RESIDENTIAL)	Illuminance	Fc	1.25	2.7	0.2	6.25	13.50
REAR PEDESTRIAN AND ENTRANCES	Illuminance	Fc	0.97	1.6	0.3	3.23	5.33



Project | **Catalog #** | **Type**

Prepared by | **Notes** | **Date**

Streetworks
GLAN Galleon II
Area / Site Luminaire

Product Features
Light Meter, BAA, FAD, 3G VIB, IP66

Product Certifications
UL LISTED, DLC LISTED, ENEC, IIDA, 5 YEAR

Connected Systems
WaveLux Lite, WaveLux

Quick Facts
• Lumen packages range from 3,300 - 73,500 (33W - 552W)
• 17 optical distributions
• Efficacy up to 159 lumens per watt
• Options to meet Bay American and other domestic preference requirements

Dimensional Details
Standard Pole Mount Arm

Number of Light Squares	Width 'X'	Housing Length 'Y'	Weight with Standard or QM Arm	EMA with Standard or QM Arm
1-4	16"	22"	29 lb	0.95
5-6	22"	22"	39 lb	0.95
7-9	22"	28-1/8"	48 lb	1.1

Pole Drilling Patterns
Type 'N'

Notes:
1. See www.streetworks.com for details.
2. See Call List for 30588 CCI and warning only.

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April 18, 2024 1:02 PM

AREA LIGHTING											
Manufacturer	Style	Fixture	Pole Options	Bracket Options	Light Pattern	Line Watt/ NEMA Label	Color Temp	Lumens	Glare Rating (BUG)	IES File	Rating Tier
Area Light	ATB2	(Gray)	1.9	1.5	5	295/300	4000K	36,750	B5-U0-G4	ATB2-PE05-R5-4K.ies	S3
			1.4, 8', 9"		4	59/60	4000K	7,500+	B2-U0-G2	GLANSA24740UT4W-59W.ies	D3
			1.4, 8', 9"	Single, Double, Quad	4	127/130	4000K	17,500+	B3-U0-G3	GLANSA38740UT4W-127W.ies	I3
			1.4, 8', 9"	deg or 180 deg, Tripe @ 90 deg and Quad available	4	246/245	4000K	30,000+	B3-U0-G5	GALNSA40740UT4W-246W.ies	P4
			1.4, 8', 9"		4	448/450	4000K	50,000+	B4-U0-G4	GALNSA9740UT4W-449W.ies	BBS
			1.4, 8', 9"		4	560/560	4000K	65,000+	B5-U0-G5	GALNSA80740UT4W-560W.ies	EES
Flood			6.7		6x6	110/110	4000K	15,000+	N/A	EFM102_X066740_PRELIMINARY_FPAL_110W_173LUMENS.ies	G3
			6.7		6x6	195/195	4000K	26,000+	N/A	EFM102_X066740_PRELIMINARY_FPAL_195W_286LUMENS.ies	M3
			6.7		6x6	348/350	4000K	48,000+	N/A	EFH102_X066740_PRELIMINARY_FPAL_348W_5040LUMENS.ies	V4

* Area pole options 1, 4
20' (13' MH) Standard concrete pole
35' (27'6" MH) Standard concrete pole applicable to all.

* Area pole option 6 black
33' (24' MH) available only

* Area configurations

Note: Glare (BUG) Ratings for UFLD are measured at 0° tilt.

Area B - 01/23
5

POLES

Standard Concrete

1
Tenon Mount
20' (15' MH)
35' (27'6" MH)

FOR FIXTURES SB

Standard Black Fiberglass

2
Tenon Mount
13' (10' MH)
20' (15'6" MH)

Black Washington Concrete

3
Tenon Mount
23' (16' MH)

Black Octagonal Concrete

4
Tenon Mount
37' (30' MH)

Black or Green Washington Concrete

5
Tenon Mount
18.5' (14'6" MH)

Standard Wood

6
Arm Mount
35' (29' MH)
40' (33'6" MH)
45' (38' MH)

Standard Concrete

7
Arm Mount
30' (22'6" MH)
35' (27'6" MH)
40' (30' MH)
45' (35' MH)

Black Tapered Concrete

8
Tenon Mount
14' (10' MH)
21' (15'6" MH)
33' (24' MH)

FOR FIXTURES SA

Grey or Black Round Concrete Pole on Concrete Base (Non-anchored Only)

9
22' pole
25' MH

Unfinished Round Tapered Concrete

10
Arm Mount
28' pole
35' MH
(For use with bracket 7 only)

Brackets and Poles B - 01/23
14

CODES THAT APPLY TO THIS PROJECT:
2023 FBC CURRENT EDITION
2020 NFPA-70

E & C Engineers, Inc.
Cert. of Auth # 26558
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Wellington, FL 33414
Tel (561) 712 1149
email: ed@ecengineers.com

Eduardo Samour
Registered Electrical Engineer
P.E. # 41186
Date: 2024.06.19
14:33:34 -04'00'

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E&C JOB# 24-3537

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WESTLAKE LANDINGS
WESTLAKE PALMS
WESTLAKE, FL

DESIGNED: DEH
DRAWN: RNK
APPROVED: DEH
JOB NUMBER: 13-0518.60.01
DATE: 05-31-24

REVISIONS:
5.19.24 BLDG. DEPT
COMMENTS

Scale: 1" = 20'

May 17, 2024 2:45:05 p.m.
Drawing: 13-0518.60.07_MP.DWG

SHEET 1 OF 1

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