



PCCO #002

Burkhardt Construction, Inc.
 515 Palm St
 West Palm Beach, Florida 33401
 Phone: (561) 659-1400

Project: 2504 - District 8 - 1st Ave
 1st Ave ROW to ROW From Hallandale Beach Blvd to NE 5th St
 Hallandale Beach , Florida 33009

Prime Contract Change Order #002: Power Pedstal Revisions

TO: City of Hallandale Beach
 400 South Federal Highway
 Hallandale Beach, Florida 33009

FROM: Burkhardt Construction, Inc.
 515 Palm Street
 West Palm Beach Florida 33401

DATE CREATED: 3/ 24 /2026 **CREATED BY:** Brandon Rhodes (Burkhardt Construction, Inc.)

CONTRACT STATUS: Approved **REVISION:** 0

REQUEST RECEIVED FROM: **LOCATION**

DESIGNATED REVIEWER: **REVIEWED BY:**

DUE DATE: **REVIEW DATE:** 04/06 /2026

REFERENCE: **CHANGE REASON:** City Change in Landscape Design

EXECUTED: No **SCHEDULE IMPACT:**

ACCOUNTING METHOD: Amount Based **CONTRACT FOR:** 1:District 8 - 1st Ave

FIELD CHANGE: No **TOTAL AMOUNT:** \$ 81,844.00

DESCRIPTION:
 SEE ATTACHED BACK UP

ATTACHMENTS:
 2509.1.02 - Pedestal Revision Scope of Work and Quotation.pdf

CHANGE ORDER LINE ITEMS:

PCCO #002

#	Cost Code	Description	Type	Amount
1	16-01600 - Electrical	Power Pedestal Proposed Loocaotions that were revised per Latest Landscape Drawings	Commitment	\$ 48,575.00
2	16-01600 - Electrical	Ranger [Sitework Contractor] Downtime ALLOWANCE	Commitment	\$ 10,500.00
3	16-01600 - Electrical	Additional MOT	Commitment	\$ 14,000.00
4	16-01600 - Electrical	BCI 12% Fee for Profit, Insurance, and Bond	Commitment	\$ 8,769.00
Subtotal:				\$81,844.00
Grand Total:				\$81,844.00

The original (Contract Sum) \$ 8,740,220.86
 Net change by previously authorized Change Orders \$ 65,632.00
 The contract sum prior to this Change Order was \$ 8,805,852.86
 The contract sum will be increased by this Change Order in the amount of \$ 81,844.00
 The new contract sum including this Change Order will be \$ 8,887,696.86
 The contract time will not be changed by this Change Order



PCCO #002

City of Hallandale Beach
400 South Federal Highway
Hallandale Beach Florida 33009

Burkhardt Construction, Inc.
515 Palm Street
West Palm Beach Florida 33401

SIGNATURE DATE

 4/7/26

SIGNATURE DATE



ELECTRICAL CONTRACTOR ⚡ **EST. 1984**
1620 Hill Avenue, Mangonia Park, Florida 33407
(561) 863-0010
License Number EC-0001253

RECEIVED



By BRhodes at 3:12:17 PM, 3/19/2026

March 17, 2026

Burkhardt Construction, Inc.
515 Palm Street
West Palm Beach, FL 33401

**Re: District 8 – NE 1st Streetscape Improvements for City of Hallandale
Power Pedestal Revisions**

Below is a Scope of Work and Quotation for the above project. Our Scope is based on plans and specifications by Kimley Horn Associates dated March, 2026, sheets C6.00 – C6.05.

For the purposes of this quote, I have numbered the pedestals on the original plan sheets dated July 2025 #1 thru #15 and the revised plan sheets dated March 2026 #1 thru #22.

Scope of Work

Includes:

- Pedestal #1 is relocated approximately 150' south of the original location. This requires the addition of 2 - #3 (Cir A-4) in the previously installed raceway.
- Relocate Pedestals #2 & 3 from the east side on NE 1st Ave to the west side near station 4+00. This deletes approximately 300' of 2 - #2 (Cir A-4) in previously installed raceway.
- Pedestal #4 – No Changes
- Pedestal #5 is relocated approximately 70' south of the original location.
- Pedestal #6 is relocated approximately 40' north of the original location.
- Pedestal #7 is relocated from the east side of NE 1st to the west side near station 11+00.
- Pedestal #8 – No Changes
- Pedestal #9 is relocated approximately 40' south near station 12+00. This requires the addition of 2" raceway w/ 3 #8 (Cir A-5).
- Pedestal #10 – No Changes
- Pedestal #11 is relocated approximately 60' south of the original location.
- Pedestal #12 is relocated approximately 60' south of the original location.
- Pedestal #13 – Location remained the same, circuit was changed from A-7 to A-6.
- Pedestal #14 – No Changes
- Pedestal #15 – No Changes
- Pedestal #16 is new requiring the pedestal, ground mount junction box and extension of the raceway and circuit A-6.
- Pedestal #17 is new requiring the pedestal and ground mounted junction box.
- Pedestal #18 is new requiring the pedestal and ground mounted junction box.
- Pedestal #19 is new requiring the pedestal and ground mounted junction box.
- Pedestal #20 is new requiring the pedestal and ground mounted junction box.
- Pedestal #21 is new requiring the pedestal and ground mounted junction box.
- Pedestal #22 is new requiring the pedestal and ground mounted junction box.
- Circuit A-2 has been revised from 2 #6 & 1 #6 grd to 2 #2 & 1 #2 grd.
- Circuit A-3 has been added (2 #4 & sharing circuit A-7 grd.) On the 07/25 plans Cir A-2 fed all of the street lighting. On the 03/26 plans the street lighting is split between circuit A-2 & A-3.

Burkhardt Construction, Inc.
District 8 – NE 1st Streetscape – Power Pedestal Revisions
March 17, 2026
Page Two

Includes: (Continued)

- Circuit A-4 has been revised from 2 #2 & 1 #2 grd to 2 #3 & sharing circuit A-2 grd.
- Circuit A-5 has been revised from 2 #6 & 1 #6 grd to 2 #8 & sharing circuit A-2 grd.
- Circuit A-6 has been revised from 2 #6 & 1 #6 grd to 2 #6 & sharing circuit A-7 grd.
- Circuit A-7 has been revised from 2 #6 & 1 #6 grd to 2 #1 & #1 grd.
- Circuit lengths have been revised due to pedestal location changes and additions.
- Add 1 – 2” conduit on the west side of NW 1st from a ground box at station 15+00 north to a new ground box at station 24+00 (approximately).

Excludes:

- Permit Fees
- Layout and Survey.

Total Cost..... \$48,575.00

See attached Bid Form dated 03/17/2026 for additional information.

Please call me if you have any questions.

Sincerely

Donald Sharkey

This proposal is valid for 30 days unless otherwise specified in writing.

District 8 NE 1st Ave. ELECTRICAL & LIGHTING BID FORM

Guaranteed Maximum Price

Prepared by Current Connections, Inc.

Submitted By:

Current Connections, Inc.

3/17/2025

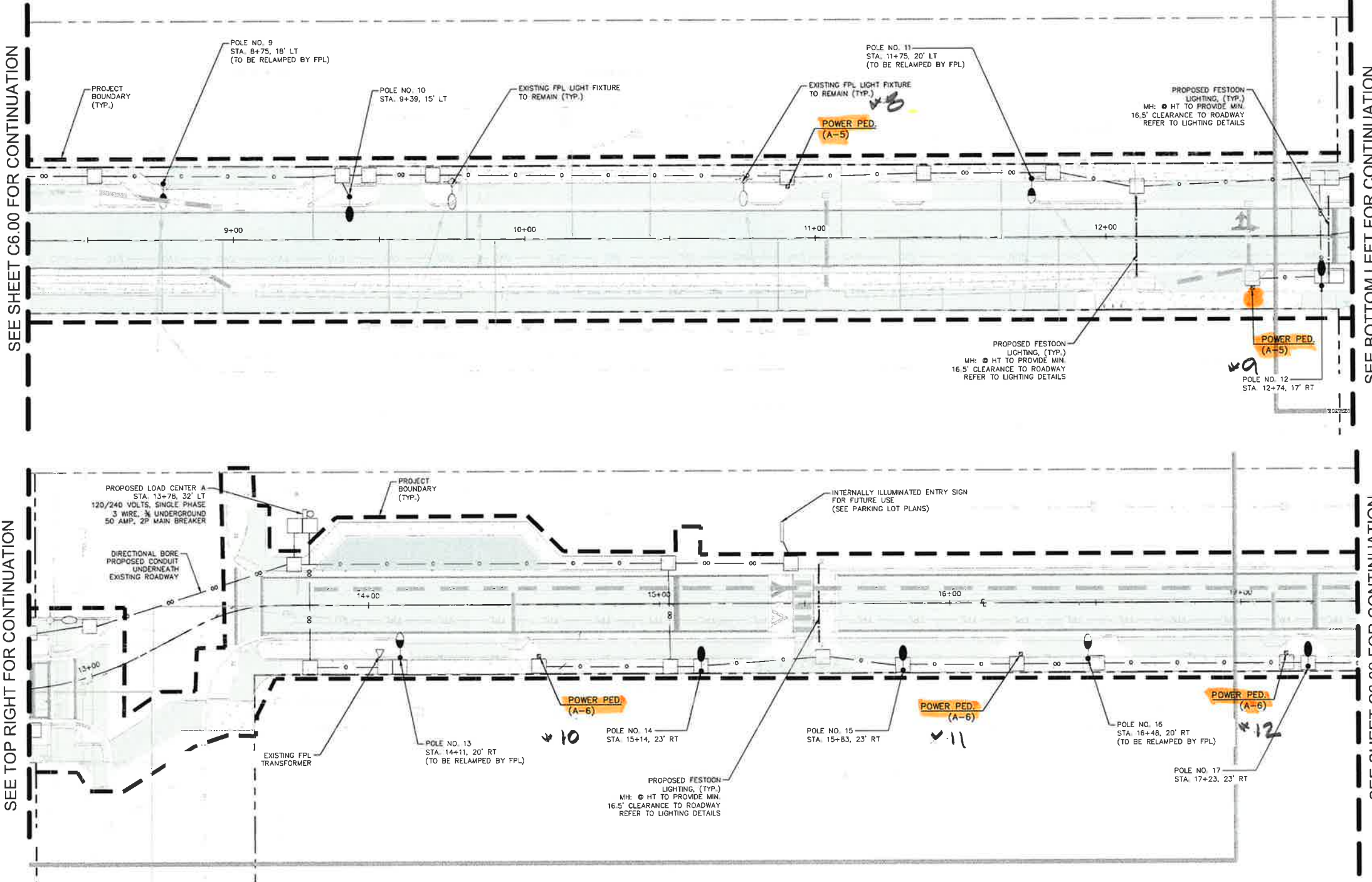
CITY OF HALLANDALE BEACH CRA

Item Description	Quantity	U/M	Unit Price	Amount
SITE MAINTENANCE OF TRAFFIC (20-21200)				
PROVIDE MOT FOR THE DURATION OF THE PROJECT	1	LS	\$40,000.00	\$ 40,000.00
				\$40,000.00
ELECTRICAL AND LIGHTING (16-01600)				
REMOVE/DISPOSE EXISTING LIGHTS	5	EA	\$4,400.00	\$ 22,000.00
LIGHT POLE	16	EA	\$14,350.00	\$ 229,600.00
PULL BOX	67	EA	\$1,570.00	\$ 105,190.00
PULL BOX - 03/26	7	EA	\$1,570.00	\$ 10,990.00
LOAD CENTER	1	EA	\$75,000.00	\$ 75,000.00
LIGHTPOLE - FPL TO RELAMP	3	EA	\$0.00	\$ -
CONDUIT, FURNISH AND INSTALL OPEN TRENCH - 03/2024	1960	LF	\$25.00	\$ 49,000.00
CONDUIT, FURNISH AND INSTALL DIRECTIONAL BORE - 03/2024	940	LF	\$54.00	\$ 50,760.00
CONDUIT, FURNISH AND INSTALL OPEN TRENCH - 07/08/2025	550	LF	\$25.00	\$ 13,750.00
CONDUIT, FURNISH AND INSTALL DIRECTIONAL BORE - 07/08/2025	450	LF	\$54.00	\$ 24,300.00
CONDUIT, FURNISH AND INSTALL OPEN TRENCH - 03/26	940	LF	\$25.00	\$ 23,500.00
Festoon Lighting	285	ea	\$150.00	\$ 42,750.00
Festoon Lighting Feature	8	ea	\$4,500.00	\$ 36,000.00
Festoon Lighting Monument Poles & Foundations	16	ea	\$18,750.00	\$ 300,000.00
Power Pedestals	15	ea	\$3,500.00	\$ 52,500.00
Power Pedestals - 03/26	7	ea	\$3,500.00	\$ 24,500.00
3 - #6 Copper Conductors - Cir A-2 (Lighting)		lf	\$7.60	\$ -
3 - #2 Copper Conductors - Cir A-2 (Lighting) - 03/26	1820	lf	\$23.50	\$ 42,770.00
2 - #4 Copper Conductors - Cir A-3 (Lighting) - 03/26	1670	lf	\$8.50	\$ 14,195.00
3 - #2 Copper Conductors - Cir A-4 (Power Pedestal)		lf	\$23.50	\$ -
2 - #3 Copper Conductors - Cir A-4 (Power Pedestal) - 03/26	1460	lf	\$9.25	\$ 13,505.00
3 - #6 Copper Conductors - Cir A-5 (Power Pedestal)		lf	\$7.60	\$ -
2 - #8 Copper Conductors - Cir A-5 (Power Pedestal) - 03/26	740	lf	\$3.50	\$ 2,590.00
3 - #6 Copper Conductors - Cir A-6 (Power Pedestal)		lf	\$7.60	\$ -
2 - #6 Copper Conductors - Cir A-6 (Power Pedestal) - 03/26	950	lf	\$5.20	\$ 4,940.00
3 - #6 Copper Conductors - Cir A-7 (Power Pedestal)		lf	\$7.60	\$ -
3 - #1 Copper Conductors - Cir A-7 (Power Pedestal) - 03/26	1200	lf	\$18.00	\$ 21,600.00

Electrical and Lighting Direct Construction Cost Total

\$1,156,805.00

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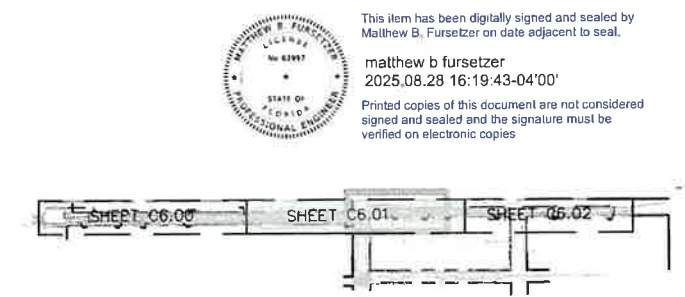


SEE SHEET C6.00 FOR CONTINUATION

SEE SHEET C6.02 FOR CONTINUATION

SEE BOTTOM LEFT FOR CONTINUATION

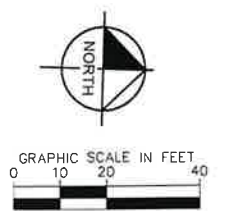
SEE SHEET C6.02 FOR CONTINUATION



LOCATION MAP
SCALE: 1" = 400'



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811
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 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Kimley»Horn <small>© 2025 KIMLEY-HORN AND ASSOCIATES, INC. 1600 WEST PALM BEACH, FL 33411 PHONE: 561-863-6666 FAX: 561-863-8770 WWW.KIMLEY-HORN.COM REGISTRY NO. 53176</small>	PROJECT NO. 2410Z-0001 DATE: 7/8/2025 DRAWN BY: AS SHOWN CHECKED BY: M.B.F.	REVISIONS NO. DATE BY
	DISTRICT 8 - NE 1ST STREETSCAPE IMPROVEMENTS PREPARED FOR HALLANDALE BEACH CRA <small>HALLANDALE BEACH</small>	SHEET NO. JWR/EP C6.01

LEGEND

SYMBOL	DESCRIPTION
	CONTRACTOR TO INSTALL 99 WATT COOPER ARBOR LED LUMINAIRE DESIGNED WITH TYPE IV DISTRIBUTION, LED FIXTURE DESIGNED TO BE POST MOUNTED ON AN VALMONT ALUMINUM ROUND DECORATIVE POLE WITH A MOUNTING HEIGHT OF 14.5'. LUMINAIRE FIXTURE ORDERING INFORMATION: ARB-B3-LED-D1-T4-BK. POLE ORDERING INFORMATION: R-12005050654-5030TP45R-SC
	EXISTING FPL LIGHTS TO BE RELAMPED WITH COOPER ARCHEON 127W ROADWAY FIXTURE (TOTAL QUANTITY 9).
	EXISTING FPL LIGHTS TO REMAIN.
	EXISTING FPL LIGHTS TO BE REMOVED.
	PROPOSED DIRECTIONAL BORE CONDUIT 2" SCH 40 PVC WITH THWN CONDUCTORS INSIDE (REFER TO CIRCUIT DIAGRAM). TO BE INSTALLED BY CONTRACTOR.
	PROPOSED OPEN TRENCH CONDUIT 2" SCH 40 PVC WITH THWN CONDUCTORS INSIDE (REFER TO CIRCUIT DIAGRAM). TO BE INSTALLED BY CONTRACTOR.
	PROPOSED LIGHTING PULL BOX TO BE INSTALLED BY CONTRACTOR.
	PROPOSED LIGHTING LOAD CENTER TO BE INSTALLED BY CONTRACTOR.
	EXISTING FPL TRANSFORMER TO REMAIN.

CONVENTIONAL LIGHTING DESIGN CRITERIA

DESCRIPTION	FLORIDA GREEN BOOK
AVERAGE INITIAL INTENSITY	0.7 FOOT CANDLES
UNIFORMITY RATIO AVG./MIN	6:1 OR LESS
AVERAGE VERTICAL ILLUMINATION	2.0 FOOT CANDLES

POLE DATA TABLE

Pole No.	Station	Offset	Side	CKT	Dist. or Arm	Luminaire Wattage	Mounting Height
NE 1ST AVENUE							
1	0+60	16.5'	LT	A-2	IV	99	14.5'
2	1+39	17.5'	LT	A-2	IV	99	14.5'
3	2+23	17.5'	LT	A-2	IV	99	14.5'
4	3+58	15.5'	LT	A-2	IV	99	14.5'
5	4+09	15.5'	LT	A-2	IV	99	14.5'
6	6+05	18'	LT	A-2	IV	99	14.5'
8	8+03	14'	LT	A-2	IV	99	14.5'
10	9+39	15'	LT	A-2	IV	99	14.5'
12	12+74	17'	RT	A-2	IV	99	14.5'
14	15+14	23'	RT	A-2	IV	99	14.5'
15	15+83	23'	RT	A-2	IV	99	14.5'
17	17+23	23'	RT	A-2	IV	99	14.5'
19	19+37	24'	RT	A-2	IV	99	14.5'
20	19+68	23'	RT	A-2	IV	99	14.5'
21	20+35	15'	RT	A-2	IV	99	14.5'
24	23+85	24'	RT	A-2	IV	99	14.5'

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT TOTAL	
			PLAN	FINAL
1	CONDUIT, FINISH & INSTALL, DIRECTIONAL BORE	LF	1567	1567
2	CONDUIT, FINISH & INSTALL, OPEN TRENCH	LF	4383	4383
3	PULL & SPLICE BOX, F & I, 13" x 24" COVER SIZE	EA	63	63
4	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 2	LF	5628	5628
5	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 6	LF	17493	17493
6	LIGHT POLE COMPLETE, F&I STANDARD POLE STANDARD FOUNDATION	EA	16	16
7	TIVOLI FESTOON LIGHTING, LITESPHERE 2.0	LF	272	272
8	TIVOLI 12V DC VOLTAGE DRIVER	EA	8	8
9	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1	1
	ELECTRICAL METER SOCKET, F&I	EA	1	1
	ELECTRICAL SERVICE DISCONNECT, POLE MOUNT	EA	1	1
	PRESTRESSED CONCRETE POLE, F&I, TYPE P-11 SERVICE POLE	EA	1	1
10	ELECTRICAL SERVICE WIRE	LF	75	75
11	POWER PEDESTAL	AS	15	15

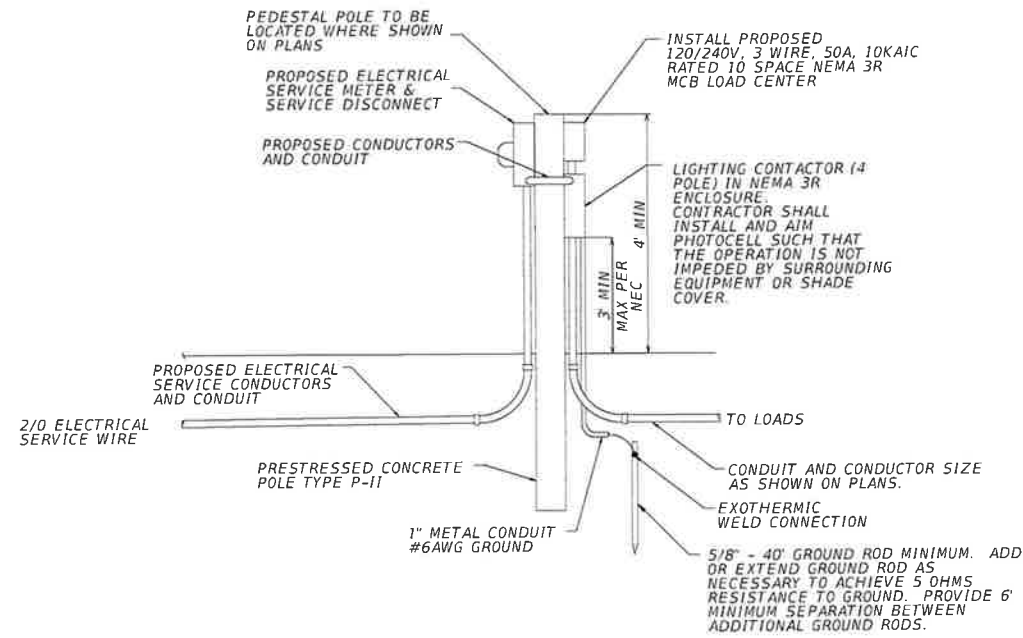


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KHA PROJECT 241040001	LICENSED PROFESSIONAL MATTHEW B. FURSETZER, P.E. FL LICENSE NUMBER #63991
DATE JULY 2025	SCALE AS SHOWN
DESIGNED BY DRAWN BY	CHECKED BY DATE: 7/8/2025
LIGHTING LEGEND QUANTITIES, & POLE DATA	
DISTRICT 8 - NE 1ST STREETSCAPE IMPROVEMENTS PREPARED FOR HALLANDALE BEACH CRA	
SHEET NUMBER C6.03	

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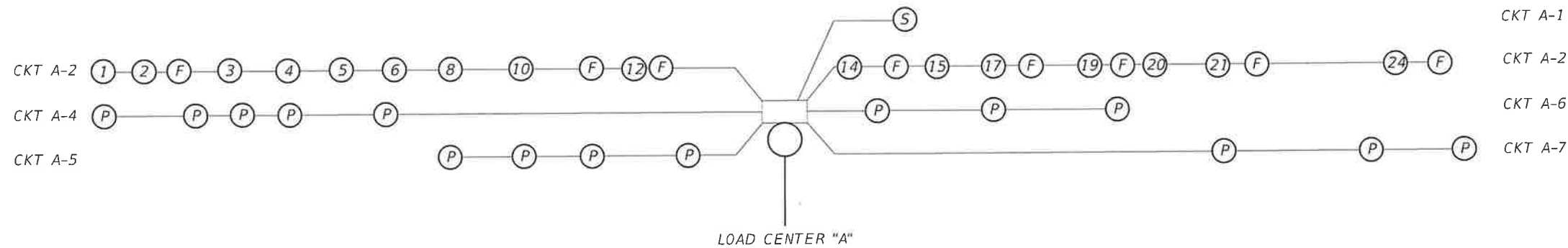
RISER DIAGRAM - TYPICAL LOAD CENTER

LOAD CENTER "A" SCHEMATIC DIAGRAM

LOAD CENTER "A"

120/240V, SINGLE PHASE, 3 WIRE

LOAD CENTER DESIGNATION	BREAKER SIZE	NO. OF BRANCH CIRCUITS	TOTAL DEMAND LOAD (AMPS)	TOTAL DESIGN LOAD (AMPS)	CONDUCTOR SIZE
MAIN BREAKER			50 AMP		
A-1	20 AMP	FUTURE USE - ILLUMINATED SIGNAGE			
A-2	20 AMP	1	6.7	8.3	#6
A-3	20 AMP	FUTURE USE - NE 2ND AVE LIGHTS			
A-4	30 AMP	-	20	25	#2
A-5	20 AMP	-	16	20	#6
A-6	20 AMP	-	12	15	#6
A-7	20 AMP	-	12	15	#6



LOAD CENTER "A"
CIRCUIT DIAGRAM

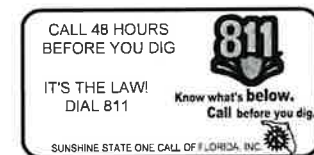
- CKT A-1 2 #6 AWG 1 #6 GND
2" SCH 40 PVC CONDUIT
- CKT A-2 2 #6 AWG 1 #6 GND
2" SCH 40 PVC CONDUIT
- CKT A-4 2 #2 AWG 1 #2 GND
2" SCH 40 PVC CONDUIT

- CKT A-5 2 #6 AWG 1 #6 GND
2" SCH 40 PVC CONDUIT
- CKT A-6 2 #6 AWG 1 #6 GND
2" SCH 40 PVC CONDUIT
- CKT A-7 2 #6 AWG 1 #6 GND
2" SCH 40 PVC CONDUIT

- (#) = PROPOSED LIGHT POLE
- (P) = PROPOSED POWER PEDESTAL
- (F) = PROPOSED FESTOON LIGHT
- (S) = FUTURE ILLUMINATED SIGN



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No.	REVISIONS	DATE	BY

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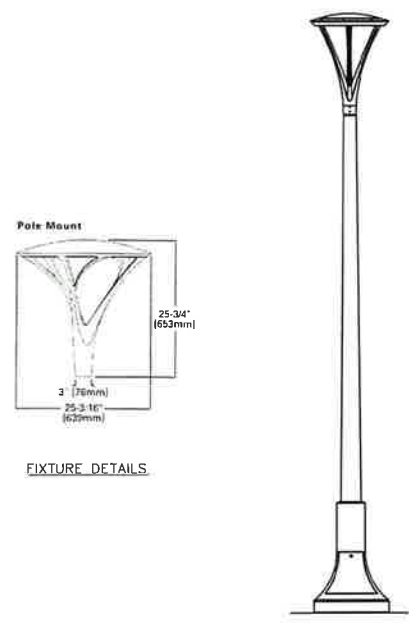
LICENSED PROFESSIONAL ENGINEER
 MATTHEW B. FURSETZER, P.E.
 FL LICENSE NUMBER #63997
 DATE 7/8/2025

KHA PROJECT 24-1040001
 DATE JULY 2025
 SCALE AS SHOWN
 DESIGNED BY
 DRAWN BY
 CHECKED BY

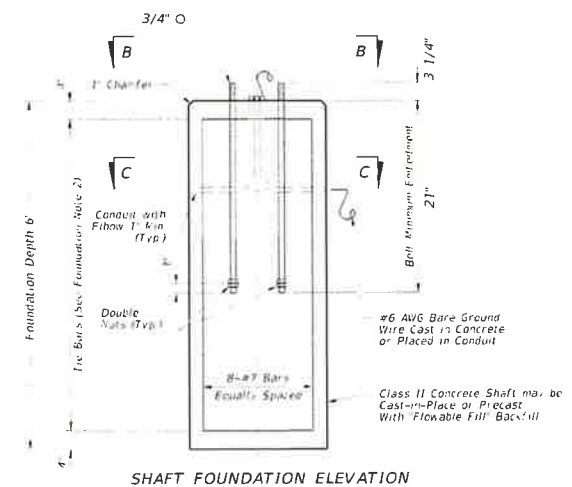
LOAD CENTER DETAILS

DISTRICT 8 - NE 1ST
 STREETSCAPE IMPROVEMENTS
 PREPARED FOR HALLANDALE BEACH CRA
 HALLANDALE BEACH, FL
 SHEET NUMBER C6.04

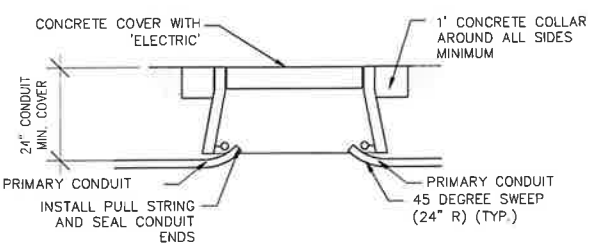
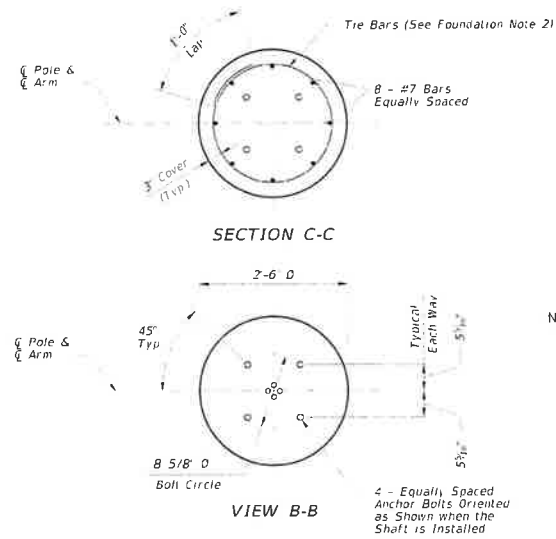
This document, together with the contract and drawings, shall constitute the entire agreement between the parties. No oral or written modifications or conditions shall be binding on the parties unless they are in writing and signed by both parties. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals.



- STREETSCAPE LIGHTING:**
1. FIXTURE TYPE: ARB-B3-LED SINGLE ARM MOUNT, 14.5' MH MODEL #: ARB-B3-LED-D1-T4-BK.
 2. POLE TYPE: VALMONT ROUND NON-TAPERED ALUMINUM WITH DECORATIVE BASE MODEL #: GT27AC GEORGETOWN AC1
 3. POLE MODEL #: R-12005D506S4-5030TP45R-SC
 4. VALMONT POLE TO BE USED WITH FDOT 6" STANDARD ALUMINUM LIGHTING FOUNDATION FOUND IN FDOT STANDARD PLANS INDEX: 715-002 SHEET 4 DESIGNED FOR POLE #: PD
 5. VALMONT POLE TO BE ORIENTED ABOUT 6" STANDARD ALUMINUM LIGHTING FOUNDATION CENTER
 6. COLOR: BLACK
 7. FIXTURE MANUFACTURER: COOPER LIGHTING SOLUTIONS
 8. POLE MANUFACTURER: VALMONT STRUCTURES
 9. INSTALLATION: INSTALL ARBOR POST TOP LIGHT ON VALMONT POLE PER SPECIFICATION INSTRUCTIONS FOUND ON MANUFACTURER'S WEBSITE
 10. MINIMUM QUANTITY: 16



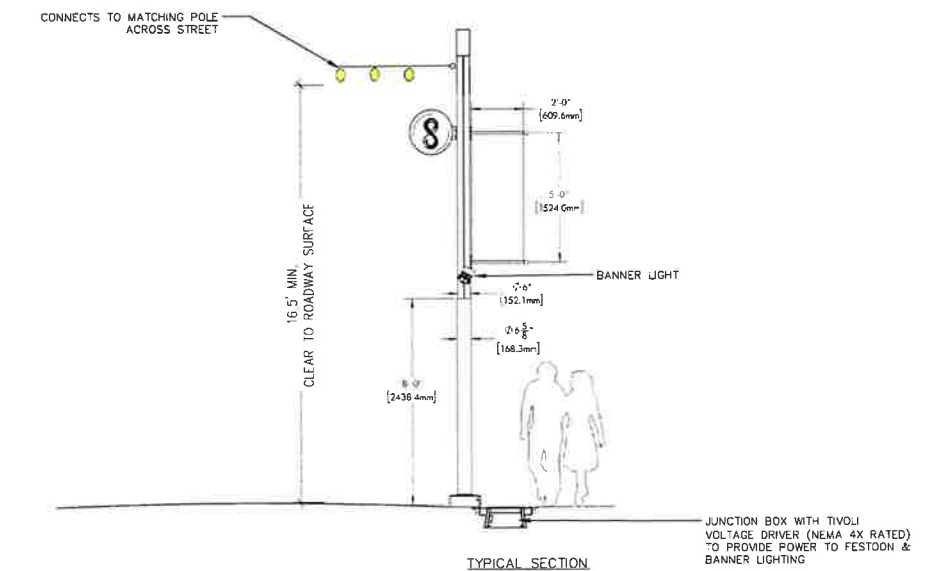
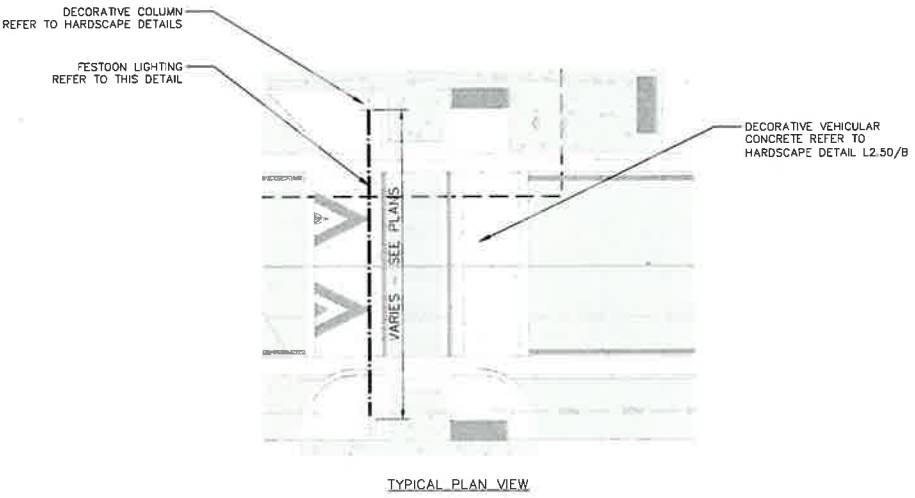
- SHAFT FOUNDATION NOTES:**
1. Anchor Bolts to be provided by manufacturer with the following ordering code: 317RB405 - (3/4 X 24 1/4) 4-BOLT 5" RD TEMP
 2. Foundation Tie Bars: #4 Tie Bars @ 12" centers (max.) or D10 (or W10) spiral @ 6" pitch, 3 flat turns top and 1 flat turn bottom.



- NOTES:**
1. ALL JUNCTION BOXES SHALL BE H20 TRAFFIC LOAD RATED AND SIZE ADJUSTED AS REQUIRED PER NEC FOR CONDUIT SIZE REQUIREMENTS.
 2. JUNCTION BOX SHALL BE SET IN 12" OF 5/8" ROCK.
 3. CONDUIT SEALING COMPOUND: NONHARDENING, SAFE FOR CONTACT WITH HUMAN SKIN, NOT DELETERIOUS TO CABLE INSULATION, AND WORKABLE AT TEMPERATURES AS LOW AS 35 DEG F (2 DEG C). CAPABLE OF WITHSTANDING TEMPERATURE OF 300 DEG F (150 DEG C) WITHOUT SLUMP AND ADHERING TO CLEAN SURFACES OF PLASTIC DUCTS, CONDUIT AND DUCT COATINGS, CONCRETE, MASONRY, LEAD, CABLE SHEATHS, CABLE JACKETS, INSULATION MATERIALS, AND COMMON METALS.
 4. SPLICE: UL LISTED, MCMASTER-CARR, WATERTIGHT/WATERPROOF BUTT SPLICE OR APPROVED EQUAL FOR COPPER CONDUCTORS.

A ROUND NON-TAPERED ALUMINUM POLE & ANCHOR BASE
 SCALE: NOT TO SCALE

- FESTOON LIGHTING**
- MANUFACTURER: TIVOLI OR APPROVED EQUAL
1. MODEL: LSL2-B-24-S-19-Z-12 CABLE/CATENARY MODEL: LS-CLEAR-12 CONTACT: POWER AND LIGHTING SYSTEMS JOE MICHALEK: 305.469.6195
 2. COLOR/FINISH: VARIED COLORS, OWNER TO CONFIRM COLOR SELECTION FROM MANUFACTURER'S FULL RANGE.
 3. INSTALLATION: INSTALL PER MANUFACTURER'S SPECIFICATIONS. REFER TO MANUFACTURER DETAIL FOR TYPICAL POLE AND BUILDING MOUNT CONDITIONS. REFER TO LOAD CENTER DETAILS FOR POWER INFORMATION.
 4. ALL JUNCTION BOXES LOCATED AT THE BASE CONNECTION FOR FESTOON LIGHTING WILL CONTAIN NEMA 4X RATED DC VOLTAGE DRIVER (12V) TO PROVIDE CORRECT OPERATIONAL VOLTAGE TO FESTOON & BANNER LIGHT. MODEL: INF-J-30-1-2.5-12



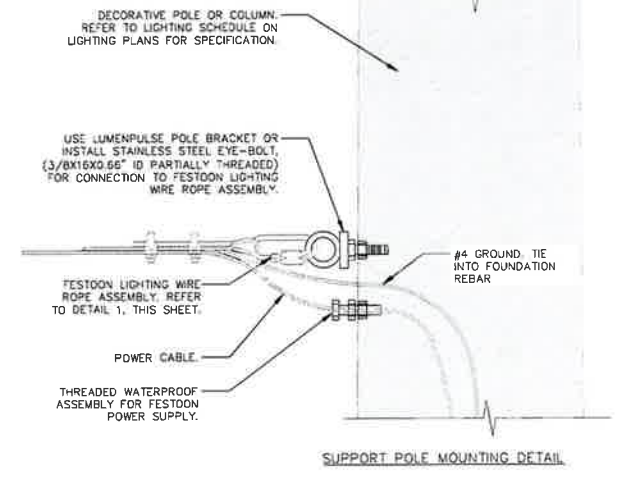
C FESTOON & BANNER LIGHTING

B JUNCTION BOX
 SCALE: NOT TO SCALE

This item has been digitally signed and sealed by Matthew B. Fursezter on date adjacent to seal.

matthew b fursezter
 2025.08.28 16:20:22-04'00'

Printed copies of this document are not considered signed and sealed and the signature must be verified on electronic copies.



D TIVOLI 12V DC VOLTAGE DRIVER



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 SHINE STATE ONE CALL OF FLORIDA, INC.

Kimley»Horn
 1020 WEAVER WAY SUITE 200 WEST PALM BEACH, FL 33411
 WWW.KIMLEY-HORN.COM TEL: 561-863-8770

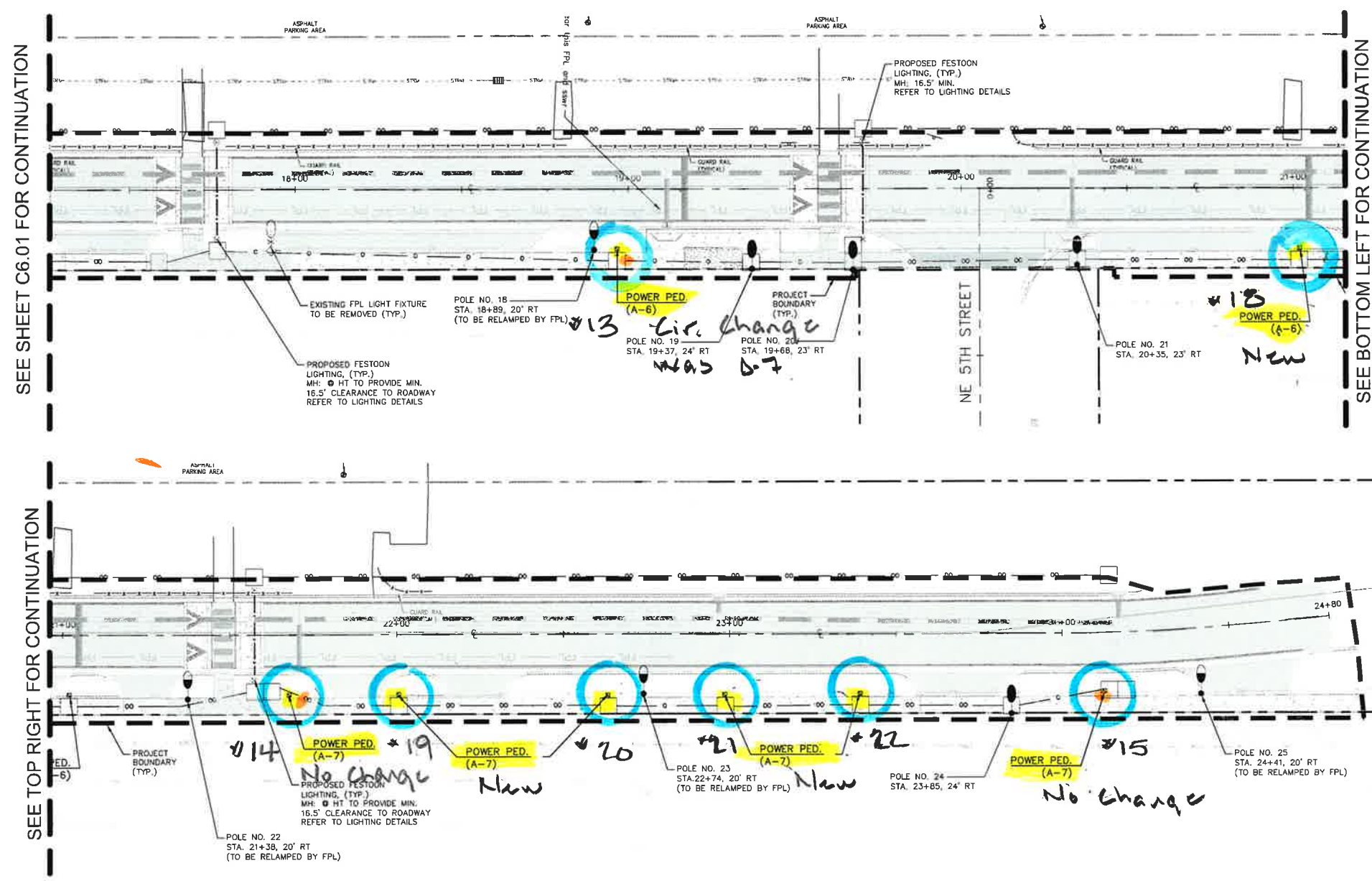
PROJECT: DISTRICT 8 - NE 1ST STREETSCAPE IMPROVEMENTS PREPARED FOR HALLANDALE BEACH
 SHEET NUMBER: C6.05

DATE: 7/8/2025
 LICENSE NUMBER: #65997
 P.E. MATTHEW B. FURSEZTER

REVISIONS

No.	REVISIONS	DATE

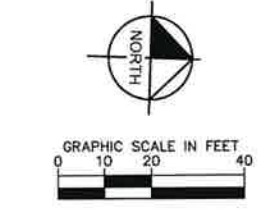
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SEE SHEET C6.01 FOR CONTINUATION

SEE TOP RIGHT FOR CONTINUATION

SEE BOTTOM LEFT FOR CONTINUATION



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811 Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

LOCATION MAP
SCALE: 1" = 400'

Kimley»Horn © 2025 KIMLEY-HORN AND ASSOCIATES, INC. 1970 WEST PALM WAY SUITE 200, WEST PALM BEACH, FL 33411 PHONE: 561-875-0885 FAX: 561-863-8115 WWW.KIMLEY-HORN.COM CA 00000596		LICENSE NUMBER #6399 / EXPIRES: 7/8/2025	DATE MARCH 2025	PROJECT DISTRICT 8 - NE 1ST STREET PREPARED FOR HALLANDALE BEACH CRA	SHEET NUMBER C6.02
		PROJECT NO. 2410-0001	DATE MARCH 2025	PROJECT DISTRICT 8 - NE 1ST STREET	SHEET NUMBER C6.02
REVISIONS		DATE	BY		

LEGEND

SYMBOL

DESCRIPTION



CONTRACTOR TO INSTALL 99 WATT COOPER ARBOR LED LUMINAIRE DESIGNED WITH TYPE IV DISTRIBUTION. LED FIXTURE DESIGNED TO BE POST MOUNTED ON AN VALMONT ALUMINUM ROUND DECORATIVE POLE WITH A MOUNTING HEIGHT OF 14.5'. LUMINAIRE FIXTURE ORDERING INFORMATION: ARB-B3-LED-D1-T4-BK. POLE ORDERING INFORMATION: R-120050506S4-5030TP45R-SC



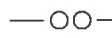
EXISTING FPL LIGHTS TO BE RELAMPED WITH COOPER ARCHEON 127W ROADWAY FIXTURE (TOTAL QUANTITY 9).



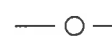
EXISTING FPL LIGHTS TO REMAIN.



EXISTING FPL LIGHTS TO BE REMOVED.



PROPOSED DIRECTIONAL BORE CONDUIT 2" SCH 40 PVC WITH THWN CONDUCTORS INSIDE (REFER TO CIRCUIT DIAGRAM). TO BE INSTALLED BY CONTRACTOR.



PROPOSED OPEN TRENCH CONDUIT 2" SCH 40 PVC WITH THWN CONDUCTORS INSIDE (REFER TO CIRCUIT DIAGRAM). TO BE INSTALLED BY CONTRACTOR.



PROPOSED LIGHTING PULL BOX TO BE INSTALLED BY CONTRACTOR.



PROPOSED LIGHTING LOAD CENTER TO BE INSTALLED BY CONTRACTOR.



EXISTING FPL TRANSFORMER TO REMAIN.

CONVENTIONAL LIGHTING DESIGN CRITERIA

DESCRIPTION

FLORIDA GREEN BOOK

AVERAGE INITIAL INTENSITY 0.7 FOOT CANDLES
 UNIFORMITY RATIO AVG./MIN 6:1 OR LESS
 AVERAGE VERTICAL ILLUMINATION 2.0 FOOT CANDLES

POLE DATA TABLE

Pole No.	Station	Offset	Side	CKT	Dist. or Arm	Luminaire Wattage	Mounting Height
NE 1ST AVENUE							
1	0+60	16.5'	LT	A-2	IV	99	14.5'
2	1+39	17.5'	LT	A-2	IV	99	14.5'
3	2+23	17.5'	LT	A-2	IV	99	14.5'
4	3+58	15.5'	LT	A-2	IV	99	14.5'
5	4+09	15.5'	LT	A-2	IV	99	14.5'
6	6+05	18'	LT	A-2	IV	99	14.5'
8	8+03	14'	LT	A-2	IV	99	14.5'
10	9+39	15'	LT	A-2	IV	99	14.5'
12	12+74	17'	RT	A-2	IV	99	14.5'
14	15+14	23'	RT	A-2	IV	99	14.5'
15	15+83	23'	RT	A-2	IV	99	14.5'
17	17+23	23'	RT	A-2	IV	99	14.5'
19	19+37	24'	RT	A-2	IV	99	14.5'
20	19+68	23'	RT	A-2	IV	99	14.5'
21	20+35	15'	RT	A-2	IV	99	14.5'
24	23+85	24'	RT	A-2	IV	99	14.5'

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT TOTAL	
			PLAN	FINAL
			1	CONDUIT, FINISH & INSTALL, DIRECTIONAL BORE
2	CONDUIT, FINISH & INSTALL, OPEN TRENCH	LF		
3	PULL & SPLICE BOX, F & I, 13" x 24" COVER SIZE	EA	68	
4	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 1	LF		
5	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 2	LF		
6	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 3	LF		
7	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 4	LF		
8	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 6	LF		
9	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 8	LF		
10	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 12	LF		
11	LIGHT POLE COMPLETE, F&I STANDARD POLE STANDARD FOUNDATION	EA	16	
12	TIVOLI FESTOON LIGHTING, LITESPHERE 2.0	LF	204	
13	TIVOLI 12V DC VOLTAGE DRIVER	EA	2	
14	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	22	
	ELECTRICAL METER SOCKET, F&I	EA	1	
	ELECTRICAL SERVICE DISCONNECT, POLE MOUNT	EA	1	
	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1	
15	ELECTRICAL SERVICE WIRE	LF	75	
16	POWER PEDESTAL	AS	22	

Kimley»Horn
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 1920 NEKIVA WAY SUITE 200 WEST PALM BEACH, FL 33411
 PHONE: 561-845-0865 FAX: 561-863-8175
 WWW.KIMLEY-HORN.COM CA 00000996

LICENSED PROFESSIONAL
 MATTHEW B. FURSETZER, P.E.
 FL LICENSE NUMBER #63997
 DATE: 7/8/2025

KHA PROJECT 241040001
 DATE MARCH 2026
 SCALE AS SHOWN
 DESIGNED BY
 DRAWN BY
 CHECKED BY

LIGHTING LEGEND
 QUANTITIES, &
 POLE DATA

DISTRICT 8 - NE 1ST
 STREETSCAPE
 IMPROVEMENTS
 PREPARED FOR
 HALLANDALE BEACH CRA
 HALLANDALE BEACH, FL

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 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

SHEET NUMBER
C6.03

NO.	REVISIONS	DATE	BY

This document, together with the contracts and designs, is prepared only for the specific purpose and plan for which it was prepared. No other use or reproduction of this document without written authorization of Kimley-Horn and Associates, Inc. is permitted.

This document, together with the drawings and design presented herein, is an instrument of service, as defined in Florida Statute, Chapter 88, Section 88.03(1), and shall be read and construed in accordance with the provisions of that statute. It is intended to be read and construed in accordance with the provisions of that statute. It is intended to be read and construed in accordance with the provisions of that statute. It is intended to be read and construed in accordance with the provisions of that statute.

Point	Point Name	Source* Point	Conduit Type	Conductor Type	Wire Size/Quantity	Load (A)	Distance	Voltage	Phase	Vdrop	**%	Point
1	120 / 240 1 ph 2S											1
2	Load Center A	1	NM	Copper	1 Set of 2/0	55	50	240	1	0.25%		2
3	A-2: Festoon Pole	2	NM	Copper	1 Set of 2	9.07	175	120	1	0.75%		3
4	A-2: L12	3	NM	Copper	1 Set of 2	0.83	100	120	1	0.78%		4
5	A-2: L10	3	NM	Copper	1 Set of 2	7.44	275	120	1	1.40%		5
6	A-2: L8	5	NM	Copper	1 Set of 2	6.61	130	120	1	1.67%		6
7	A-2: L6	6	NM	Copper	1 Set of 2	5.78	200	120	1	2.04%		7
8	A-2: L5	7	NM	Copper	1 Set of 2	4.95	195	120	1	2.35%		8
9	A-2: L4	8	NM	Copper	1 Set of 2	4.12	55	120	1	2.42%		9
10	A-2: L3	9	NM	Copper	1 Set of 2	3.29	135	120	1	2.56%		10
11	A-2: Festoon Pole	10	NM	Copper	1 Set of 2	2.46	80	120	1	2.62%		11
12	A-2: L2	11	NM	Copper	1 Set of 2	1.66	10	120	1	2.63%		12
13	A-2: L1	12	NM	Copper	1 Set of 2	0.83	85	120	1	2.65%		13
14												14
15	A-4: Power Ped	2	NM	Copper	1 Set of 3	9	105	120	1	0.61%		15
16	A-4: Power Ped	15	NM	Copper	1 Set of 3	7.5	75	120	1	0.83%		16
17	A-4: Power Ped	16	NM	Copper	1 Set of 3	6	695	120	1	2.43%		17
18	A-4: Power Ped	17	NM	Copper	1 Set of 3	4.5	125	120	1	2.64%		18
19	A-4: Power Ped	18	NM	Copper	1 Set of 3	3	10	120	1	2.66%		19
20	A-4: Power Ped	19	NM	Copper	1 Set of 3	1.5	170	120	1	2.75%		20
21												21
22	A-5: Power Ped	2	NM	Copper	1 Set of 8	6	225	120	1	1.80%		22
23	A-5: Power Ped	22	NM	Copper	1 Set of 8	4.5	100	120	1	2.32%		23
24	A-5: Power Ped	23	NM	Copper	1 Set of 8	3	30	120	1	2.43%		24
25	A-5: Power Ped	24	NM	Copper	1 Set of 8	1.5	240	120	1	2.84%		25

Point	Point Name	Source* Point	Conduit Type	Conductor Type	Wire Size/Quantity	Load (A)	Distance	Voltage	Phase	Vdrop	**%	Point
1	120 / 240 1 ph 2S											1
2	Load Center A	1	NM	Copper	1 Set of 2/0	55	50	240	1	0.25%		2
3	A-3: L14	2	NM	Copper	1 Set of 4	9.01	185	120	1	1.06%		3
4	A-3: Festoon Pole	3	NM	Copper	1 Set of 4	8.18	45	120	1	1.24%		4
5	A-3: L15	4	NM	Copper	1 Set of 4	7.38	30	120	1	1.34%		5
6	A-3: L17	5	NM	Copper	1 Set of 4	6.55	140	120	1	1.79%		6
7	A-3: Festoon Pole	6	NM	Copper	1 Set of 4	5.72	70	120	1	1.98%		7
8	A-3: L19	7	NM	Copper	1 Set of 4	4.92	160	120	1	2.36%		8
9	A-3: L20	8	NM	Copper	1 Set of 4	4.09	40	120	1	2.44%		9
10	A-3: Festoon Pole	9	NM	Copper	1 Set of 4	3.26	5	120	1	2.45%		10
11	A-3: L21	10	NM	Copper	1 Set of 4	2.46	65	120	1	2.52%		11
12	A-3: Festoon Pole	11	NM	Copper	1 Set of 4	1.63	140	120	1	2.63%		12
13	A-3: L24	12	NM	Copper	1 Set of 4	0.83	240	120	1	2.73%		13
14												14
15	A-1: Illuminated Sign	2	NM	Copper	1 Set of 12	3	200	120	1	1.95%		15
16												16
17	A-6: Power Ped	2	NM	Copper	1 Set of 6	9	50	120	1	0.58%		17
18	A-6: Power Ped	17	NM	Copper	1 Set of 6	7.5	80	120	1	1.02%		18
19	A-6: Power Ped	18	NM	Copper	1 Set of 6	6	80	120	1	1.37%		19
20	A-6: Power Ped	19	NM	Copper	1 Set of 6	4.5	110	120	1	1.74%		20
21	A-6: Power Ped	20	NM	Copper	1 Set of 6	3	255	120	1	2.30%		21
22	A-6: Power Ped	21	NM	Copper	1 Set of 6	1.5	200	120	1	2.52%		22
23												23
24	A-7: Power Ped	2	NM	Copper	1 Set of 1	9	870	120	1	2.34%		24
25	A-7: Power Ped	24	NM	Copper	1 Set of 1	7.5	40	120	1	2.42%		25
26	A-7: Power Ped	25	NM	Copper	1 Set of 1	6	65	120	1	2.52%		26
27	A-7: Power Ped	26	NM	Copper	1 Set of 1	4.5	40	120	1	2.57%		27
28	A-7: Power Ped	27	NM	Copper	1 Set of 1	3	50	120	1	2.61%		28
29	A-7: Power Ped	28	NM	Copper	1 Set of 1	1.5	75	120	1	2.64%		29

Power Conductors

Conductor Size	4/0	3/0	2/0	1/0	1	2	3	4	6	8	10	12	14	#8 GB	VID	Shield ed #14/2c
Outside Diameter*	0.688	0.63	0.578	0.532	0.492	0.42	0.38	0.352	0.31	0.27	0.2	0.18	0.16	0.27	0.37	0.407
QUANTITY					5	2				2						
Area of Conductors	0.00	0.00	0.00	0.00	0.00	0.69	0.23	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00

Total Area of Conductors 1.03 square inches

Maximum Percent Fill - 1 Conductor 53%
 Maximum Percent Fill - 2 Conductors 31%
 Maximum Percent Fill - 3 or More Conductors 40%

100% area from NEC Table 4

Area of Conduit	0.5 inch	0.75 inch	1 inch	1.25 inch	1.5 inch	2 inch	3 inch	4 inch	5 inch	6 inch
Area of 0.5 inch conduit	0.29									
Area of 0.75 inch conduit	0.51									
Area of 1 inch conduit	0.83									
Area of 1.25 inch conduit	1.45									
Area of 1.5 inch conduit	1.99									
Area of 2 inch conduit	3.29									
Area of 3 inch conduit	7.27									
Area of 4 inch conduit	12.55									
Area of 5 inch conduit	19.76									
Area of 6 inch conduit	28.57									

Percent Fill for 0.5 inch conduit 30.1%
 Percent Fill for 0.75 inch conduit 29.8%
 Percent Fill for 1 inch conduit 12.8%
 Percent Fill for 1.25 inch conduit 7.7%
 Percent Fill for 1.5 inch conduit 5.2%
 Percent Fill for 2 inch conduit 3.1%
 Percent Fill for 3 inch conduit 1.5%
 Percent Fill for 4 inch conduit 1.0%
 Percent Fill for 5 inch conduit 0.5%
 Percent Fill for 6 inch conduit 0.4%

SOUTH CONDUIT

Power Conductors

Conductor Size	4/0	3/0	2/0	1/0	1	2	3	4	6	8	10	12	14	#8 GB	VID	Shield ed #14/2c
Outside Diameter*	0.688	0.63	0.578	0.532	0.492	0.42	0.38	0.352	0.31	0.27	0.2	0.18	0.16	0.27	0.37	0.407
QUANTITY					3	4	2									
Area of Conductors	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.39	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total Area of Conductors 1.11 square inches

Maximum Percent Fill - 1 Conductor 53%
 Maximum Percent Fill - 2 Conductors 31%
 Maximum Percent Fill - 3 or More Conductors 40%

100% area from NEC Table 4

Area of Conduit	0.5 inch	0.75 inch	1 inch	1.25 inch	1.5 inch	2 inch	3 inch	4 inch	5 inch	6 inch
Area of 0.5 inch conduit	0.29									
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 Percent Fill for 3 inch conduit 1.5%
 Percent Fill for 4 inch conduit 1.0%
 Percent Fill for 5 inch conduit 0.5%
 Percent Fill for 6 inch conduit 0.4%

NORTH CONDUIT

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Kimley»Horn

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 1920 NEVADA WAY, SUITE 200, WEST PALM BEACH, FL 33411
 PHONE: 561-845-0855 FAX: 561-863-8175
 WWW.KIMLEY-HORN.COM CA 00006956

LICENSED PROFESSIONAL
 DATE: MARCH 2026
 SCALE: AS SHOWN
 DESIGNED BY: P.E. MATTHEW B. FURSEZTER
 DRAWN BY: #B3997
 CHECKED BY: #B3997
 DATE: 7/8/2025

VOLTAGE DROP CALCULATIONS

DISTRICT 8 - NE 1ST STREETScape IMPROVEMENTS PREPARED FOR HALLANDALE BEACH CRA HALLANDALE BEACH FL

SHEET NUMBER **C6.04**

REVISIONS

DATE

LEGEND

SYMBOL

DESCRIPTION



CONTRACTOR TO INSTALL 99 WATT COOPER ARBOR LED LUMINAIRE DESIGNED WITH TYPE IV DISTRIBUTION. LED FIXTURE DESIGNED TO BE POST MOUNTED ON AN VALMONT ALUMINUM ROUND DECORATIVE POLE WITH A MOUNTING HEIGHT OF 14.5'. LUMINAIRE FIXTURE ORDERING INFORMATION: ARB-B3-LED-D1-T4-BK. POLE ORDERING INFORMATION: R-120050506S4-5030TP45R-SC



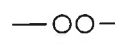
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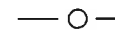
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EXISTING FPL LIGHTS TO BE REMOVED.



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UNIFORMITY RATIO AVG./MIN
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4	3+58	15.5'	LT	A-2	IV	99	14.5'
5	4+09	15.5'	LT	A-2	IV	99	14.5'
6	6+05	18'	LT	A-2	IV	99	14.5'
8	8+03	14'	LT	A-2	IV	99	14.5'
10	9+39	15'	LT	A-2	IV	99	14.5'
12	12+74	17'	RT	A-2	IV	99	14.5'
14	15+14	23'	RT	A-2	IV	99	14.5'
15	15+83	23'	RT	A-2	IV	99	14.5'
17	17+23	23'	RT	A-2	IV	99	14.5'
19	19+37	24'	RT	A-2	IV	99	14.5'
20	19+68	23'	RT	A-2	IV	99	14.5'
21	20+35	15'	RT	A-2	IV	99	14.5'
24	23+85	24'	RT	A-2	IV	99	14.5'

TABULATION OF QUANTITIES

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			PLAN	FINAL
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2	CONDUIT, FINISH & INSTALL, OPEN TRENCH	LF		
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5	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 2	LF		
6	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 3	LF		
7	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 4	LF		
8	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 6	LF		
9	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 8	LF		
10	LIGHTING CONDUCTORS, F & I, INSULATED, NO. 12	LF		
11	LIGHT POLE COMPLETE, F&I STANDARD POLE STANDARD FOUNDATION	EA	16	
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13	TIVOLI 12V DC VOLTAGE DRIVER	EA	2	
14	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	22	
	ELECTRICAL METER SOCKET, F&I	EA	1	
	ELECTRICAL SERVICE DISCONNECT, POLE MOUNT	EA	1	
	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1	
15	ELECTRICAL SERVICE WIRE	LF	75	
16	POWER PEDESTAL	AS	22	

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Kimley»Horn
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1920 WECIVA WAY SUITE 200 WEST PALM BEACH, FL 33411
PHONE: 561-845-0865 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 00000696

LIGHTING LEGEND & QUANTITIES, & POLE DATA

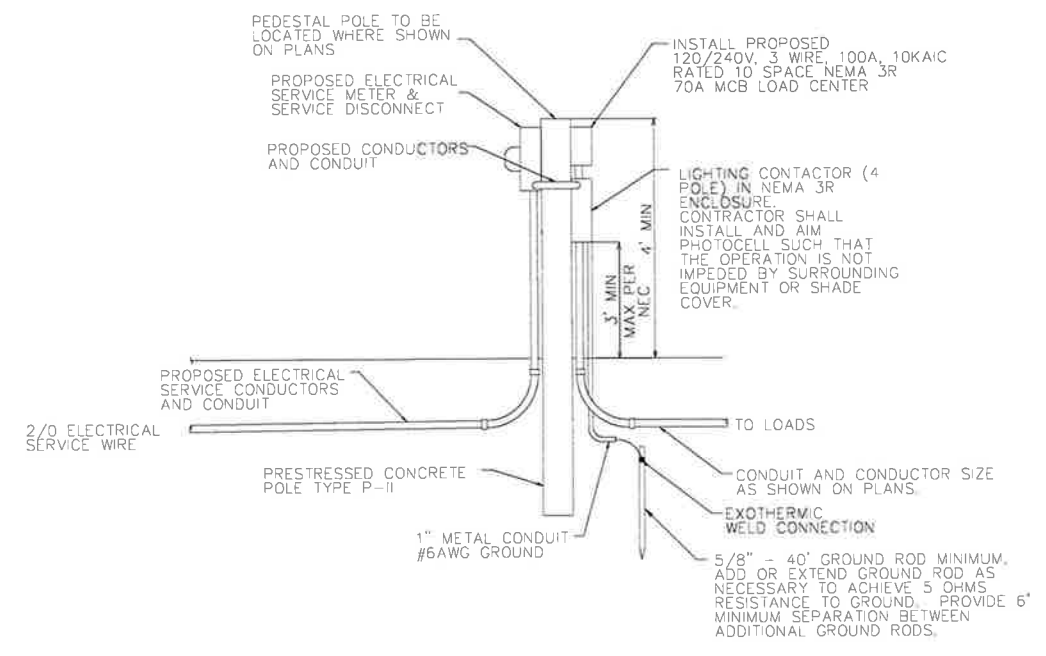
DISTRICT 8 - NE 1ST STREETSCAPE IMPROVEMENTS PREPARED FOR HALLANDALE BEACH CRA

DATE: 7/8/2025

FL

SHEET NUMBER **C6.03**

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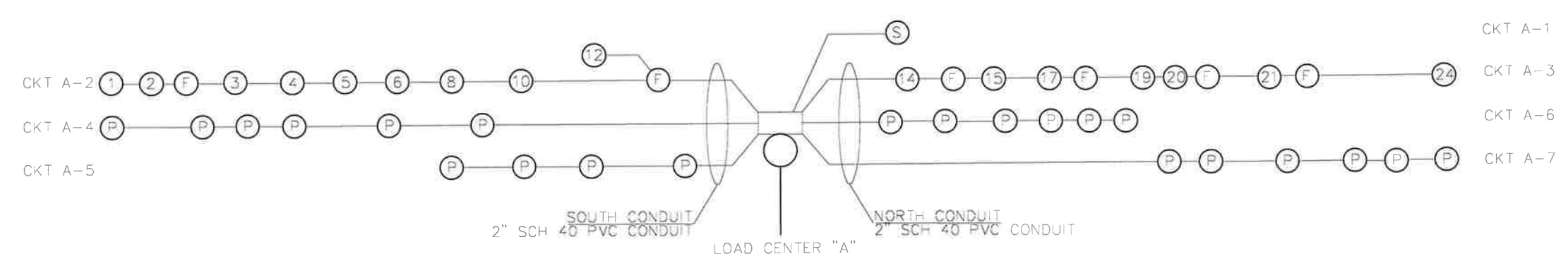


RISER DIAGRAM - TYPICAL LOAD CENTER

LOAD CENTER "A" SCHEMATIC DIAGRAM

LOAD CENTER "A"
120/240V, SINGLE PHASE, 3 WIRE

LOAD CENTER DESIGNATION	BREAKER SIZE	NO. OF BRANCH CIRCUITS	TOTAL CONNECTED LOAD (AMPS)	TOTAL DEMAND LOAD (AMPS)	CONDUCTOR SIZE
MAIN BREAKER			70 AMP		
A-1	20 AMP	FUTURE USE - ILLUMINATED SIGNAGE			
A-2	20 AMP	1	9.1	11.4	#2
A-3	20 AMP	1	9.0	11.3	#4
A-4	20 AMP	-	9.0	11.3	#3
A-5	20 AMP	-	6.0	7.5	#8
A-6	20 AMP	-	9.0	11.3	#6
A-7	20 AMP	-	9.0	11.3	#1



LOAD CENTER "A"
CIRCUIT DIAGRAM

CKT A-2	2" #2 AWG + #2 GND (SHARED) 2" SCH 40 PVC CONDUIT	CKT A-1	2" #12 AWG + #12 GND 1" SCH 40 PVC CONDUIT	#	= PROPOSED LIGHT POLE	P	= PROPOSED POWER PEDESTAL
CKT A-4	2" #3 AWG + #2 GND (SHARED) 2" SCH 40 PVC CONDUIT	CKT A-3	2" #4 AWG + #1 GND (SHARED) 2" SCH 40 PVC CONDUIT	F	= PROPOSED FESTOON LIGHT	S	= FUTURE ILLUMINATED SIGN
CKT A-5	2" #8 AWG + #2 GND (SHARED) 2" SCH 40 PVC CONDUIT	CKT A-6	2" #6 AWG + #1 GND (SHARED) 2" SCH 40 PVC CONDUIT				
		CKT A-7	2" #1 AWG + #1 GND (SHARED) 2" SCH 40 PVC CONDUIT				

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LICENSED PROFESSIONAL
MATTHEW B. FURSETZER, P.E.
FL LICENSE NUMBER #63997
DATE: 7/8/2025

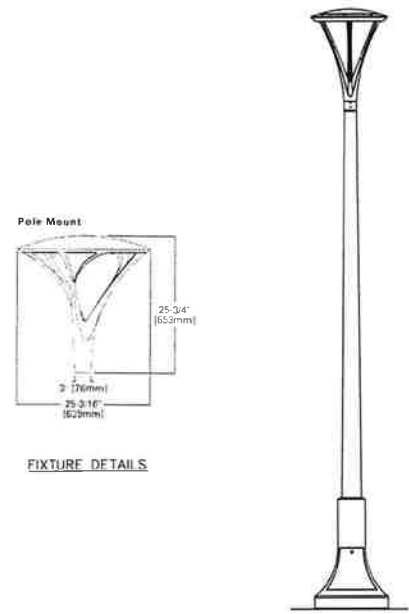
KHA PROJECT 241040001
DATE MARCH 2026
SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY

LOAD CENTER DETAILS

DISTRICT 8 - NE 1ST STREETSCAPE IMPROVEMENTS PREPARED FOR HALLANDALE BEACH CRA FL

SHEET NUMBER
C6.04

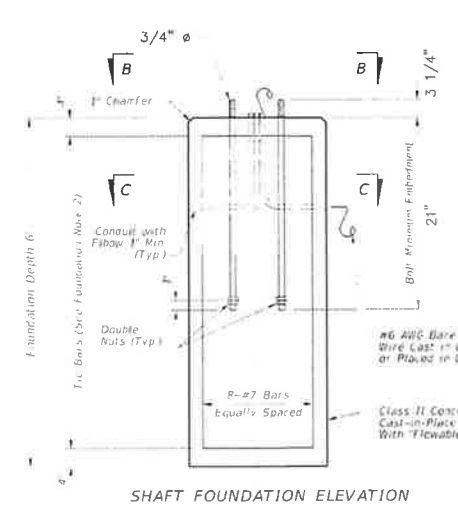
REVISIONS
DATE BY



ROUND NON-TAPERED ALUMINUM POLE DETAIL

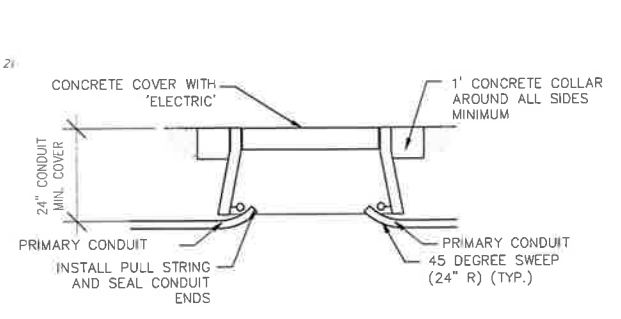
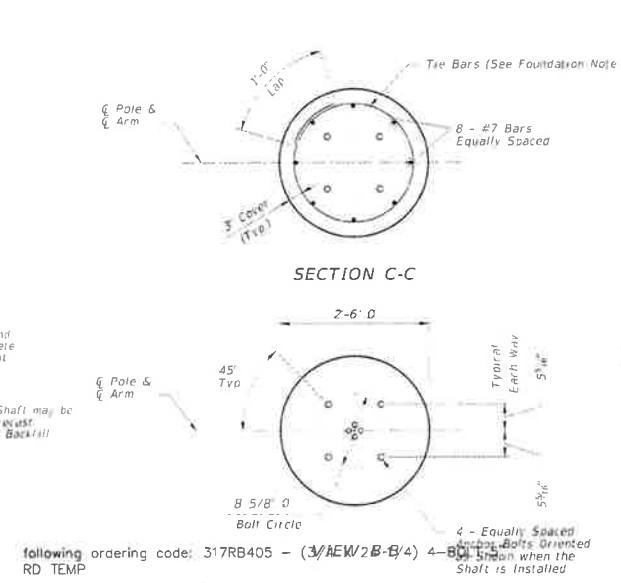
STREETSCAPE LIGHTING:

1. FIXTURE TYPE: ARB-B3-LED SINGLE ARM MOUNT, 14.5' MH MODEL #: ARB-B3-LED-D1-74-BK.
2. POLE TYPE: VALMONT ROUND NON-TAPERED ALUMINUM WITH DECORATIVE BASE MODEL #: GT27AC GEORGETOWN AC1
3. POLE MODEL #: R-120D5D506S4-5030TP45R-SC
4. VALMONT POLE TO BE USED WITH FDOT 6' STANDARD ALUMINUM LIGHTING FOUNDATION FOUND IN FDOT STANDARD PLANS INDEX: 715-002 SHEET 4 DESIGNED FOR POLE #: P0
5. VALMONT POLE TO BE ORIENTED ABOUT 6' STANDARD ALUMINUM LIGHTING FOUNDATION CENTER
6. COLOR: BLACK
7. FIXTURE MANUFACTURER: COOPER LIGHTING SOLUTIONS
8. POLE MANUFACTURER: VALMONT STRUCTURES
9. INSTALLATION: INSTALL ARBOR POST TOP LIGHT ON VALMONT POLE PER SPECIFICATION INSTRUCTIONS FOUND ON MANUFACTURER'S WEBSITE
10. MINIMUM QUANTITY: 16



SHAFT FOUNDATION NOTES:

1. Anchor Bolts to be provided by manufacturer with the following ordering code: 317RB405 - (3/AEW/2B-B/4) 4-Bolt D10 (or W10) spiral @ 6" pitch, 3 flat turns top and 1 flat turn bottom.
2. Foundation Tie Bars: #4 Tie Bars @ 12" centers (max.) or

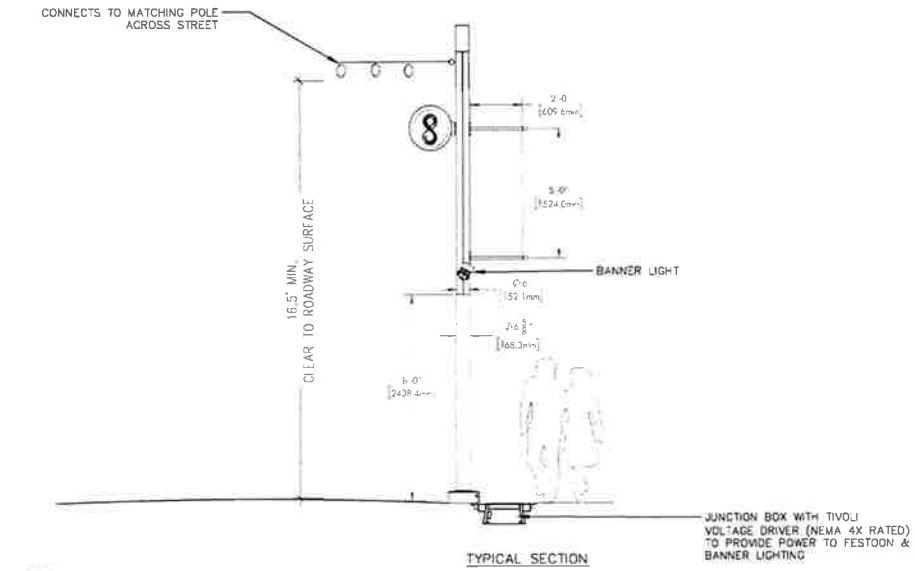


- NOTES:**
1. ALL JUNCTION BOXES SHALL BE H20 TRAFFIC LOAD RATED AND SIZE ADJUSTED AS REQUIRED PER NEC FOR CONDUIT SIZE REQUIREMENTS.
 2. JUNCTION BOX SHALL BE SET IN 12" OF 5/8" ROCK.
 3. CONDUIT SEALING COMPOUND: NONHARDENING, SAFE FOR CONTACT WITH HUMAN SKIN, NOT DELETERIOUS TO CABLE INSULATION, AND WORKABLE AT TEMPERATURES AS LOW AS 35 DEG F (2 DEG C), CAPABLE OF WITHSTANDING TEMPERATURE OF 300 DEG F (150 DEG C) WITHOUT SLUMP AND ADHERING TO CLEAN SURFACES OF PLASTIC DUCTS, CONDUIT AND DUCT COATINGS, CONCRETE, MASONRY, LEAD, CABLE SHEATHS, CABLE JACKETS, INSULATION MATERIALS, AND COMMON METALS.
 4. SPLICE: UL LISTED, MCMMASTER-CARR, WATERTIGHT/WATERPROOF BUTT SPLICE OR APPROVED EQUAL FOR COPPER CONDUCTORS.

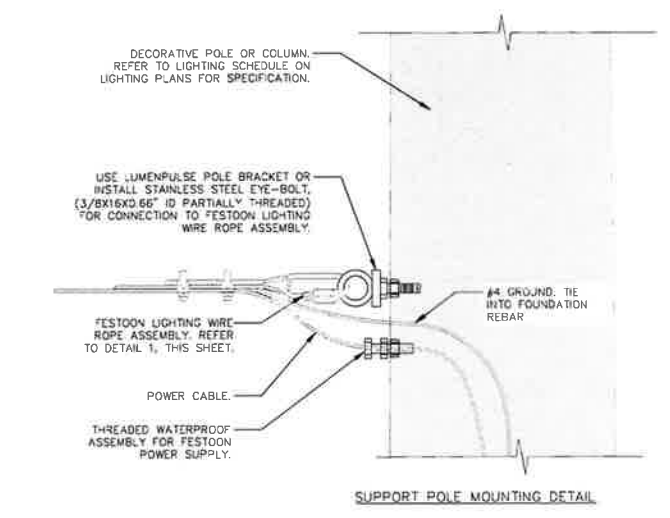
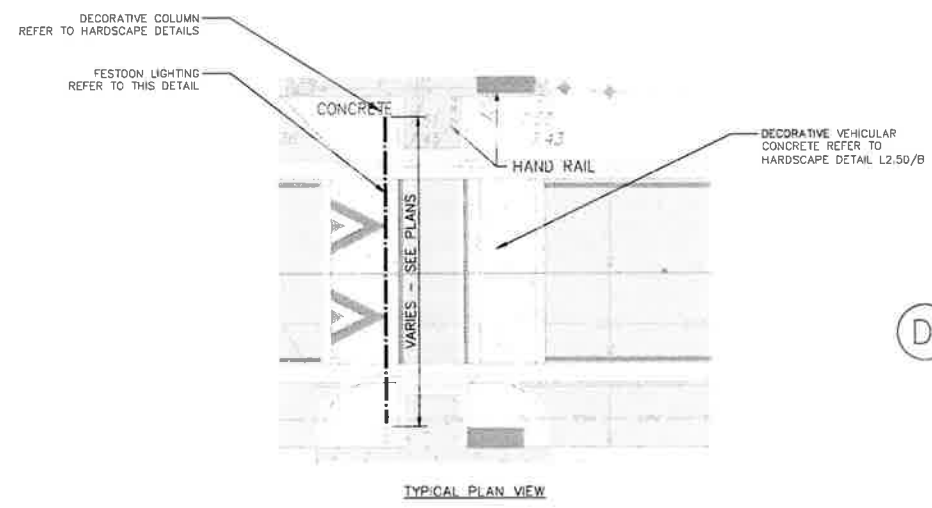
A ROUND NON-TAPERED ALUMINUM POLE & ANCHOR BASE
SCALE: NOT TO SCALE

FESTOON LIGHTING

- MANUFACTURER: TIVOLI OR APPROVED EQUAL
1. MODEL: LSL2-B-24-S-19-Z-12 CABLE/CATENARY MODEL: LS-CLEAR-12 CONTACT: POWER AND LIGHTING SYSTEMS JOE MICHALEK: 305.469.6195
 2. COLOR/FINISH: VARIED COLORS. OWNER TO CONFIRM COLOR SELECTION FROM MANUFACTURER'S FULL RANGE.
 3. INSTALLATION: INSTALL PER MANUFACTURER'S SPECIFICATIONS. REFER TO MANUFACTURER DETAIL FOR TYPICAL POLE AND BUILDING MOUNT CONDITIONS. REFER TO LOAD CENTER DETAILS FOR POWER INFORMATION.
 4. ALL JUNCTION BOXES LOCATED AT THE BASE CONNECTION FOR FESTOON LIGHTING WILL CONTAIN NEMA 4X RATED DC VOLTAGE DRIVER (12V) TO PROVIDE CORRECT OPERATIONAL VOLTAGE TO FESTOON & BANNER LIGHT. MODEL: INF-J-30-1-2.5-12



C FESTOON & BANNER LIGHTING



B JUNCTION BOX
SCALE: NOT TO SCALE



D TIVOLI 12V DC VOLTAGE DRIVER

POWER PEDESTAL (METAL):

1. MANUFACTURER: PEDOC (888-518-0330)
 2. MODEL (METAL): 1P18HT PEDOC HINGED TOP OUTLET BOX WITH INTEGRAL BASE - 18" HT
 3. FINISH (METAL): STAINLESS STEEL WITH BLACK POWERCOAT
 4. LOCATE AS SHOWN ON PLAN; INSTALLATION PER MANUFACTURER'S SPECIFICATION. MAX 20 AMP. REFER TO ELECTRICAL PLANS.
 5. MINIMUM QUANTITY: 3 (1 PER PEDESTRIAN NODE)
- INSTALL EXTERIOR GRADE GFCI OUTLET IN EACH BOX.



E POWER PEDESTAL

SURFACE MOUNT TO MIN 12" DIAMETER X 24" DEEP FOUNDATION WITH SS EXPANSION BOLTS

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LIGHTING & ELECTRICAL DETAILS

DISTRICT 8 - NE 1ST STREETSCAPE IMPROVEMENTS PREPARED FOR HALLANDALE BEACH CRA

SHEET NUMBER: **C6.05**

DATE: 7/8/2025

