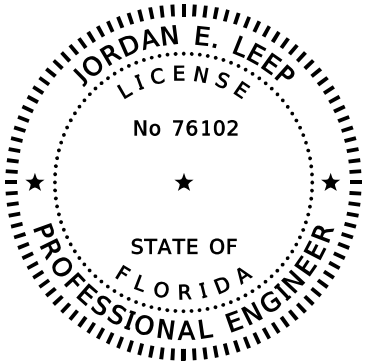


LIGHTING PLANS
FOR
9TH AVENUE NW

MANATEE COUNTY, FLORIDA
OCTOBER 2025
MANATEE COUNTY PROJECT # 20-TA003483CD



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1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236
JORDAN E. LEEP, P.E. NO. 76102

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

LIGHTING PLANS
ENGINEER OF RECORD:

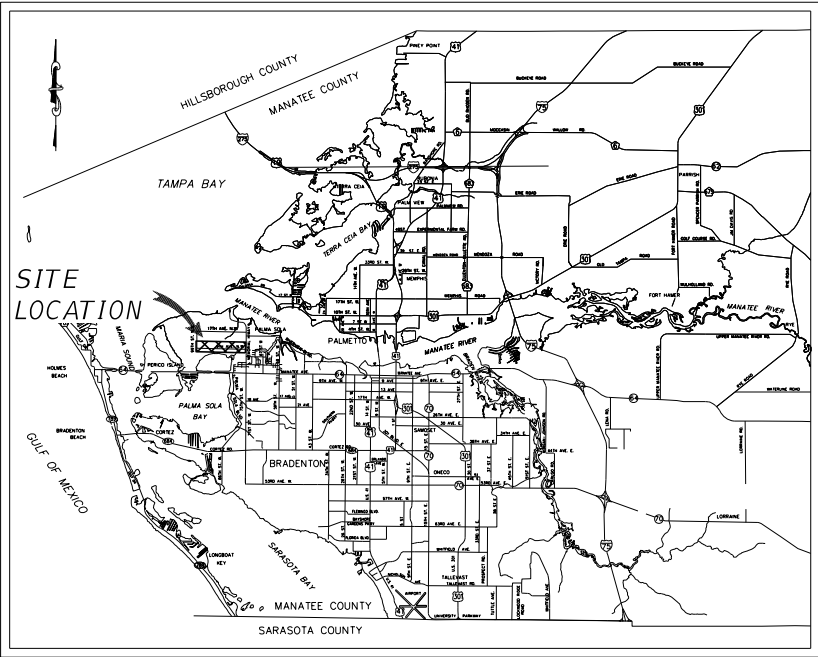
JORDAN E. LEEP, P.E.
P.E. NO.: 76102
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2025-26 Standard Plans for Road and
Bridge Construction and applicable Interim Revisions (IRs)

Standard Plans for Road Construction and associated IRs are available at the
following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: NONE

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY2025-26 Standard Specifications
for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



PROJECT VICINITY MAP
N.T.S.

COUNTY CIP PROJECT
BID PLANS

PREPARED BY
Kimley»Horn

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INDEX OF LIGHTING PLANS	
SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	TABULATION OF QUANTITIES
L-3	POLE DATA TABLE AND LEGEND
L-4 - L-6	LIGHTING PLAN SHEETS

THE SITE CONSTRUCTION STAKEOUT SHALL BE PERFORMED UNDER THE DIRECTION OF
A FLORIDA REGISTERED SURVEYOR. AUTOCAD FILES WILL BE FURNISHED TO AID IN
THE SITE CONSTRUCTION STAKEOUT. ANY DISCREPANCIES FOUND BETWEEN AUTOCAD
FILES AND SITE CONSTRUCTION PLANS SHALL BE BROUGHT TO THE ENGINEER'S
ATTENTION FOR CLARIFICATION PRIOR TO THAT STAKEOUT.

No.	REVISIONS	DATE	BY

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		KHA PROJECT NO. 148400070 SHEET NUMBER L-1

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TABULATION OF QUANTITIES										
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS						TOTAL THIS SHEET	
			L - 4		L - 5		L - 6			
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
630-2-11	CONDUIT, INSTALL, OPEN TRENCH	LF					80		80	
630-2-12	CONDUIT, INSTALL, DIRECTIONAL BORE	LF	170		215		210		595	
635-2-30	PULL & SPLICE BOX, INSTALL	EA	3		3		4		10	

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POLE DATA										
Pole No.	Circuit	Station	Offset	Side	Luminaire Wattage	Mounting Height	Arm Length	IES FILE	POLE SETBACK*	Pay Item
1	A-1	40+67.00	38.50	LT	93	25	8	ARCH-M-PA2-90-730-U-T3-93W	16.5'	715-61-811
2	A-1	41+77.25	31.50	LT	93	25	8	ARCH-M-PA2-90-730-U-T3-93W	21.1'	715-61-811
3	B-1	55+05.00	36.50	LT	93	25	8	ARCH-M-PA2-90-730-U-T3-93W	5.4'	715-61-811
4	B-1	55+95.50	14.25	LT	93	25	8	ARCH-M-PA2-90-730-U-T3-93W	6.7'	715-61-811
5	C-1	72+76.00	44.25	LT	93	25	8	ARCH-M-PA2-90-730-U-T3-93W	17.7'	715-61-811
6	C-2	73+67.75	45.00	RT	93	25	8	ARCH-M-PA2-90-730-U-T3-93W	16.3'	715-61-811
7	C-1	74+03.50	37.75	LT	93	25	8	ARCH-M-PA2-90-730-U-T3-93W	28.7'	715-61-811

* SETBACK MEASURED FROM NEAREST EDGE OF PAVEMENT TO FACE OF POLE

LEGEND

MANUFACTURER:
STREETWORKS PHOTOMETRIC CURVE NO.:
ARCH-M-PA2-90-730-U-T3-93W
WAS USED AS THE BASIS OF DESIGN, WIRED FOR 120V/240V OPERATION.
SEE POLE DATA TABLE FOR WATTAGE, MOUNTING HEIGHT, ARM LENGTH, AND FULL
IES DESIGNATION. NEW LIGHT POLE AND LUMINAIRE. INCLUDE PHOTORECEPTORS.

- 2" DIRECT BURIED CONDUIT (FURNISHED BY FPL)
- 2" DIRECTIONAL DRILLED CONDUIT (FURNISHED BY FPL)
- EXIST. LIGHT POLE TO REMAIN
- PROPOSED LOCATION OF 13" X 24" LIGHTING PULL BOX
(FURNISHED BY FPL)
- PROPOSED SERVICE POINT (FPL TO FURNISH AND INSTALL)

NEW CONSTRUCTION UNSIGNALIZED INTERSECTION LIGHTING

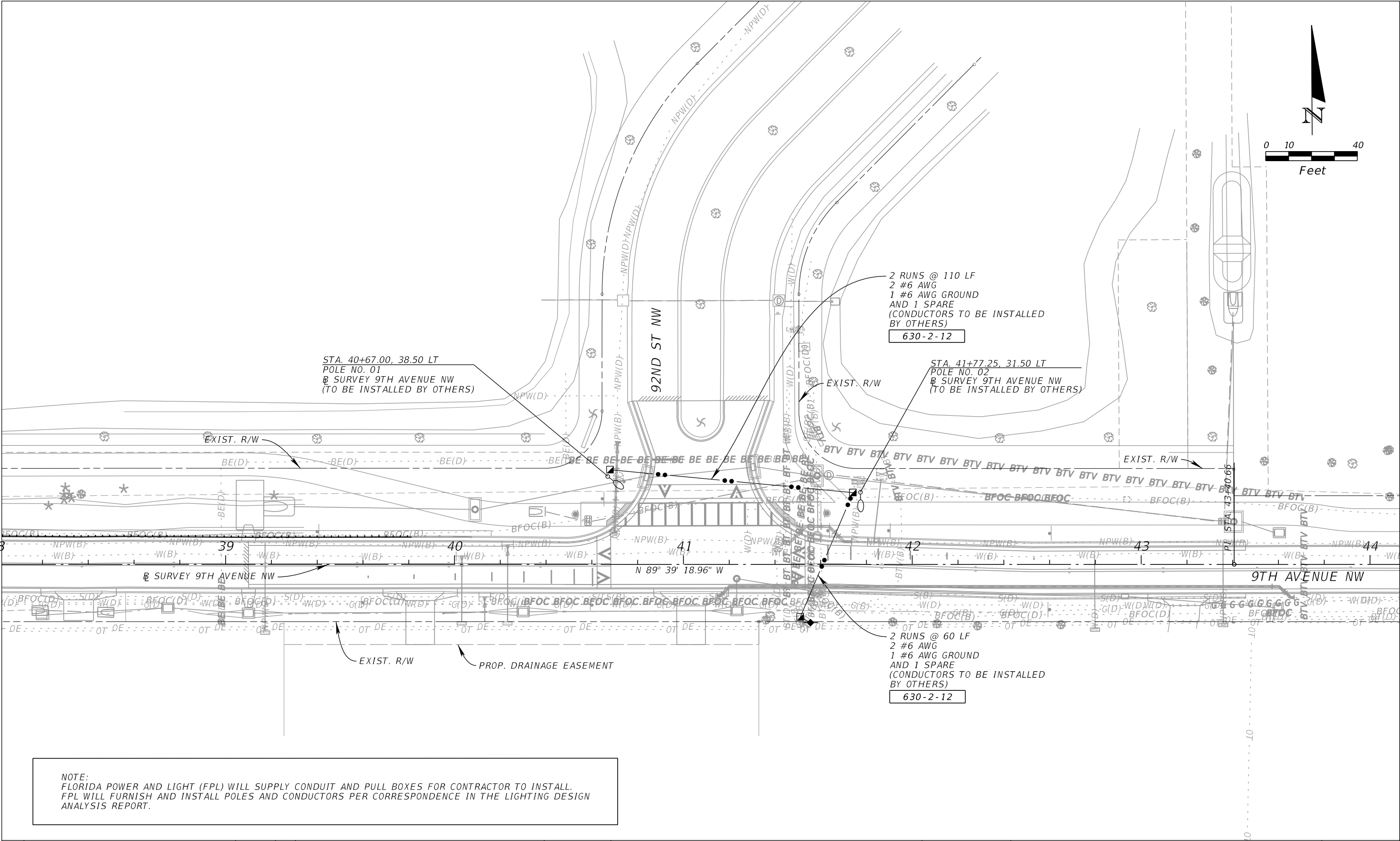
AVERAGE INITIAL INTENSITY: 1.5 H.F.C. / 1.5 V.F.C.

UNIFORMITY RATIO AVG. / MIN.: 4 : 1 OR LESS**

UNIFORMITY RATIO MAX. / MIN.: 10 : 1 OR LESS**

DESIGN WIND SPEED: 140 MPH

**ILLUMINATION UNIFORMITY RATIOS DO NOT APPLY TO V.F.C.



NOTE:
FLORIDA POWER AND LIGHT (FPL) WILL SUPPLY CONDUIT AND PULL BOXES FOR CONTRACTOR TO INSTALL.
FPL WILL FURNISH AND INSTALL POLES AND CONDUCTORS PER CORRESPONDENCE IN THE LIGHTING DESIGN
ANALYSIS REPORT.

No.	REVISIONS	DATE	BY



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WWW.KIMLEY-HORN.COM

KHA PROJECT
148400070
DATE
10/02/2025
SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY



9TH AVENUE NW

FL

LICENSED PROFESSIONAL

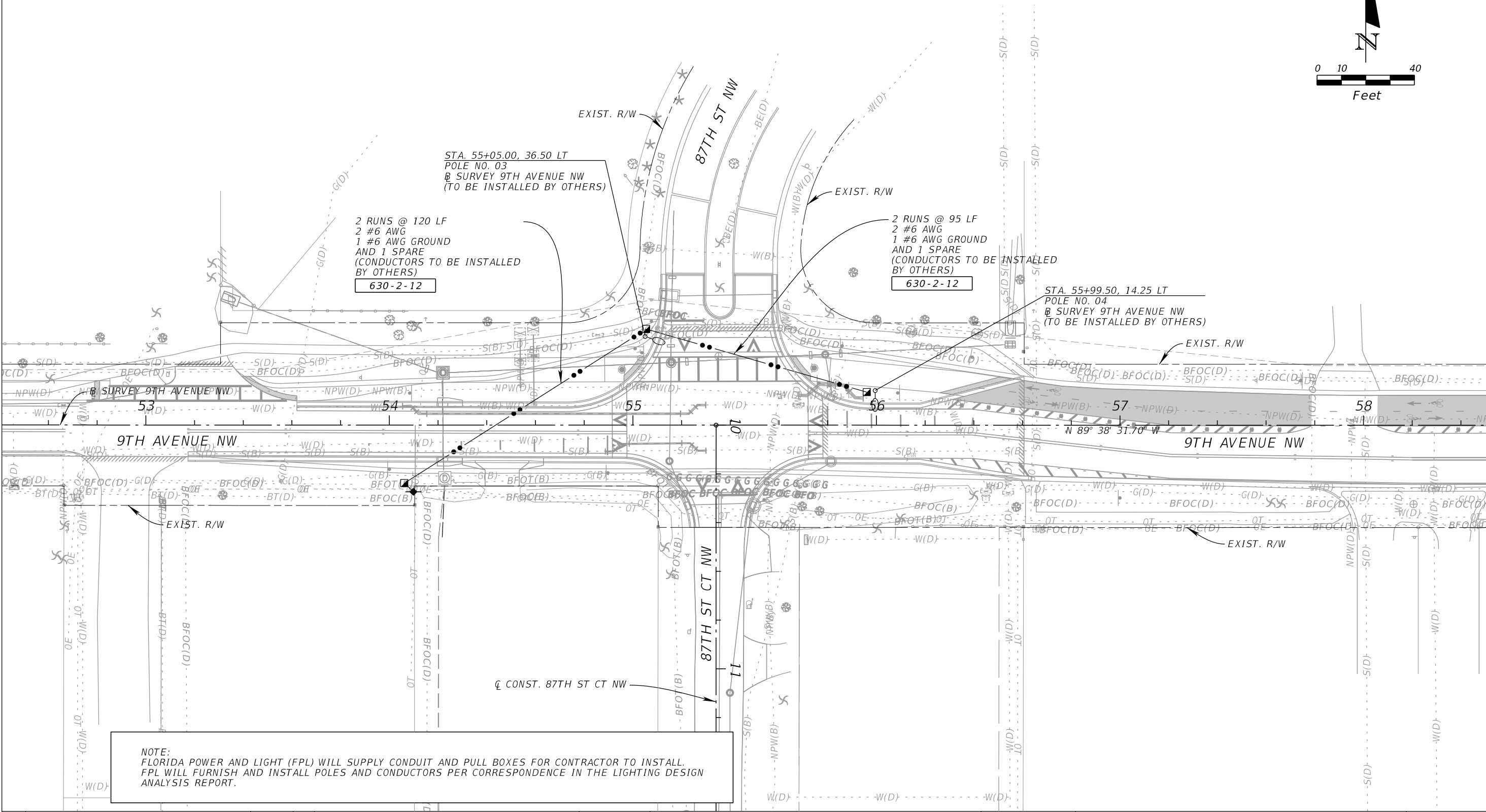
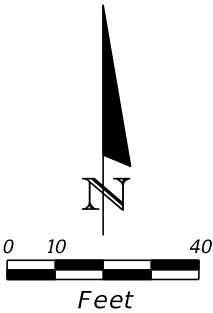
JORDAN E.
LEEP, P.E.
FL LICENSE NUMBER
76102

DATE:

LIGHTING PLAN
92ND ST

SHEET NUMBER
L-4

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KHA PROJECT 148400070
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9TH AVENUE NW

MANATEE COUNTY

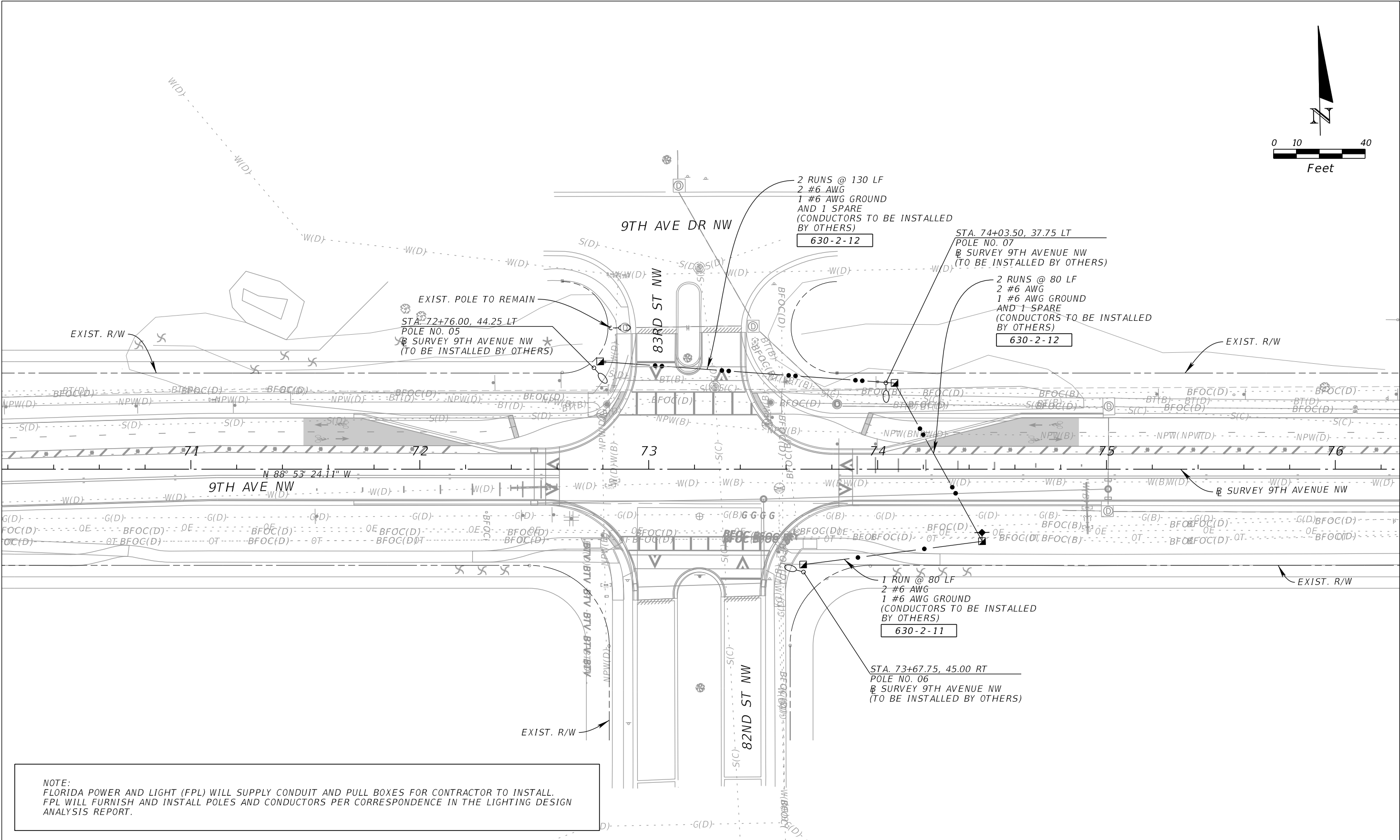
FL DATE:

LICENSED PROFESSIONAL
JORDAN E. LEEP, P.E.
FL LICENSE NUMBER 76102

LIGHTING PLAN
87TH ST

SHEET NUMBER
L-5

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FPL WILL FURNISH AND INSTALL POLES AND CONDUCTORS PER CORRESPONDENCE IN THE LIGHTING DESIGN ANALYSIS REPORT.

No.	REVISIONS	DATE	BY

Kimley»Horn

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DRAWN BY
CHECKED BY


9TH AVENUE NW

MANATEE COUNTY

LICENSED PROFESSIONAL

JORDAN E. LEEP, P.E.
FL LICENSE NUMBER 76102

FL DATE:

LIGHTING PLAN
83RD ST

SHEET NUMBER

L-6

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