

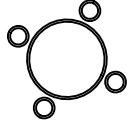

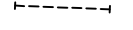
Luminaire Schedule										
TYPE	LOCATION	DESCRIPTION	FIXTURE FINISH	LAMPS/SOURCE	POWER SUPPLY/ DRIVER	INPUT WATTS	INPUT WATT UNITS	LISTING	MANUFACTURER	NOTES
LT-1		Not used.								
LT-2	Throughout Corridor	Aluminum pressure-mounted palm tree ring, with four (4) adjustable accent lights - 1 5/8" Ø aperture, machined aluminum housing, 360° rotation, 180° tilt, tempered soft focus lens, honeycomb baffled, flood (35°) beams spread, 90° snoot with weepholes. 16 IN to 38 IN palm tree diameter.	TBD	LED 3000K 80+ CRI L80 @ 50,000 Hours 467 Delivered Lms./Fixture	Integral Driver SWITCH NON-DIM	28.0W	EA	UL Listed for Wet Locations	B-K Lighting Micro Nite Star Palm Tree Ring LED (Integral) PTR-4-STRAP SIZE-MN-LED-TR-e68-FL-FINI SH-12-11-B-TRe20-MT	- Landscape Architect shall verify fixture finish. - Ring light mounting height AFF shall be coordinated with final palm tree heights. - Ring diameter shall be coordinated by the Landscape Architect and Contractor with final palm tree diameter. - Provide manufacturer's dimensioned shop drawings showing all materials, finishes and components for Lighting Designer and Landscape Architect review prior to fabrication. - Manufacturer to coordinate weep hole locations to ensure proper drainage when fixtures are aimed up.
LT-3	Oasis	Nylon tree strap mounted LED adjustable accent light, with integrated J-Box - 1 5/8" Ø aperture, machined aluminum housing, 360° rotation, 180° tilt, tempered soft focus lens, honeycomb baffled, flood (30°) beams spread, 90° snoot with weepholes. Dimensions: 1 5/8" Ø x 4 1/2" H	TBD	LED 3000K 80+ CRI L80 @ 50,000 Hours 467 Delivered Lms.	Integral Driver SWITCH NON-DIM	7.0W	EA	UL Listed for Wet Locations	B-K Lighting Micro Nite Star LED MN-LED-e68-FL-FINISH-12-1 1-B-360SL-XX + TS-MB2-FINISH-LENGTH	- Landscape Architect shall verify fixture finish. - Luminaire to be strap-mounted to tree, final location and aiming to be determined in the field. Continued maintenance of mounting shall be tended to by the Arborist or maintenance as required. - Strap length shall be coordinated by the Landscape Architect and Contractor with final tree branch diameters. - Manufacturer to coordinate weep hole locations to ensure proper drainage when fixtures are aimed up.
LT-4	Oasis	Up, Down and Side bending direct view LED linear within an encapsulated housing, frosted lens for diode free illumination and fixed custom mounting channel with integrated wire management system. Dimensions: LENGTH PER DWGS x 0.38" W x 0.38" H	White	LED 3000K 90+ CRI L70 @ 40,000 Hours 127 Delivered Lms./FT	Remote Driver SWITCH NON-DIM	2.0W	LFT	UL Listed for Wet Locations	QTL Lighting Q-CAP ANYBEND SW AND-SW-PPS-FT-WET-30-2.0 -ENC/TL-WIRE INPUT/OUTPUT-CONNECTOR/WIRE IN-CONNECTOR/WIRE OUT-END CAPS-LENGTH-O	- Luminaire shall be ordered with necessary gear, control interfaces, power feed cables/terminators and mounting accessories as required for a complete system. - Locate remote gear in a secure, concealed, accessible and well-ventilated location in compliance with manufacturer's directions. Contractor/Manufacturer to coordinate remote gear size, location and wire gauge for <2% Voltage drop over entire length of run. - Modular units to be installed for a continuous run condition as shown on drawing. Refer to landscape drawings for length of continuous runs, contractor shall provide an optimal combination of luminaire lengths to provide a continuous run as shown on landscape drawings. - Fixture is not field cuttable, Contractor shall field-verify each run length of continuous run fixtures prior to ordering.
LT-4A	Art Lighting	Same as LT-4, except higher output.	White	LED 3000K 90+ CRI L70 @ 40,000 Hours 217 Delivered Lms./FT	Remote Driver SWITCH NON-DIM	4.0W	LFT	UL Listed for Wet Locations	QTL Lighting Q-CAP ANYBEND SW AND-SW-PPS-FT-WET-30-4.0 -ENC/TL-WIRE INPUT/OUTPUT-CONNECTOR/WIRE IN-CONNECTOR/WIRE OUT-END CAPS-LENGTH-O	-Same as LT-4. -Contractor shall coordinate length with diameter of art.

GENERAL NOTES :

- PROVIDE LUMINAIRE SHOP DRAWINGS FOR LIGHTING CONSULTANT, LANDSCAPE ARCHITECT, AND OWNER APPROVAL PRIOR TO FABRICATION. LANDSCAPE ARCHITECT SHALL VERIFY ALL LUMINAIRE BODY, POLE, AND ANY OTHER VISIBLE ACCESSORIES/HARDWARE FINISHES. ALL VISIBLE CONDUIT, JUNCTION BOXES, CANOPY PLATES, HARDWARE, GEAR CONTAINERS, ETC. SHALL BE PAINTED TO MATCH ADJACENT SURFACES (LANDSCAPE ARCHITECT TO VERIFY).
- REFER TO ELECTRICAL DRAWINGS FOR VOLTAGE INFORMATION. ELECTRICAL CONTRACTOR SHALL VERIFY ALL VOLTAGES WITH ELECTRICAL ENGINEER BEFORE PLACING ANY ORDERS OR PROCEEDING WITH ANY WORK.
- ELECTRICAL CONTRACTOR SHALL VERIFY EMERGENCY OPERATION OF ALL LUMINAIRES WITH ELECTRICAL ENGINEER BEFORE PLACING ANY ORDERS OR PROCEEDING WITH ANY WORK. REFER TO ELECTRICAL DRAWINGS FOR ALL EMERGENCY OR CODE-RELATED REQUIREMENTS.
- CONTRACTOR TO VERIFY AND COORDINATE ALL OTHER LUMINAIRE INSTALLATION AND MOUNTING WITH LANDSCAPE DETAILS AND FIELD CONDITIONS.
- CONTRACTOR SHALL VERIFY MOUNTING DETAILS WITH LANDSCAPE ARCHITECT AND/OR LANDSCAPE DRAWINGS AND ORDER ALL MOUNTING COMPONENTS NECESSARY FOR INSTALLATION OF LUMINAIRE AT NO ADDITIONAL COST, EVEN IF SUCH COMPONENTS ARE NOT SPECIFICALLY CALLED FOR IN THE CONTRACT DOCUMENTS.
- PROVIDE ADEQUATE AND STURDY SUPPORT FOR EACH LUMINAIRE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING WEIGHT AND MOUNTING METHOD OF ALL LUMINAIRES AND FURNISH AND INSTALL SUITABLE SUPPORTS.
- PROVIDE ALL LUMINAIRES AS SHOWN COMPLETE WITH ALL LIGHT SOURCES, COMPLETELY WIRED, CONTROLLED AND SECURELY ATTACHED TO SUPPORTS.
- AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LUMINAIRES SO AS TO RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE LUMINAIRE. BLEMISHED, DAMAGED, OR UNSATISFACTORY LUMINAIRES SHALL BE REPLACED IN A SATISFACTORY MANNER.
- CONTRACTOR SHALL REFER TO ELECTRICAL DRAWINGS FOR INFORMATION ON CONTROLS AND DIMMING REQUIREMENTS, AND COORDINATE LUMINAIRE AND CONTROL ACCESSORIES REQUIRED FOR A FULLY FUNCTIONING SYSTEM.
- CONTRACTOR TO PROVIDE LINE ITEM PRICING AT BID PHASE OR EARLIER AS REQUESTED BY LIGHTING DESIGNER OR LANDSCAPE ARCHITECT PER TYPE WITH LABOR AND INSTALLATION SHOWN AS SEPARATE LINE ITEMS.
- ALL LED SOURCES WITHIN THE SAME LUMINAIRE TYPE SHALL BE WITHIN TWO (2) MACADAM ELLIPSES/STEPS OF EACH OTHER.
- FOR ALL ADJUSTABLE LUMINAIRES PROVIDE LABOR AND MATERIALS FOR FINAL AIMING AND LOCKING OF ALL ADJUSTABLE LUMINAIRES UNDER THE LANDSCAPE ARCHITECT'S SUPERVISION. AIMING SHALL TAKE PLACE IMMEDIATELY BEFORE BUILDING IS TURNED OVER TO OWNER, AFTER REGULAR WORKING HOURS WHERE REQUIRED. CONTRACTOR SHALL COORDINATE NECESSARY PERSONNEL AND EQUIPMENT
- ALL LUMINAIRES SHALL HAVE A MINIMUM 3-YEAR WARRANTY.
- ALL LIGHTING SYSTEMS SHALL BE ORDERED WITH NECESSARY GEAR, POWER FEEDS AND MOUNTING ACCESSORIES AS REQUIRED FOR INSTALLATION OF A COMPLETE SYSTEM. LOCATE REMOTE GEAR IN A SECURE, CONCEALED, ACCESSIBLE AND WELL-VENTILATED LOCATION IN COMPLIANCE WITH MANUFACTURER'S DIRECTIONS.
- ALL LUMINAIRES AND WORKMANSHIP SHALL BE GUARANTEED FREE OF DEFECTS AND FULLY OPERATIONAL FOR A MINIMUM OF ONE YEAR AFTER THE ACCEPTANCE OF THE PROJECT BY THE OWNER UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS. ANY LUMINAIRES OR WORKMANSHIP FOUND TO BE DEFECTIVE DURING THE WARRANTY PERIOD SHALL EITHER BE FIXED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE LUMINAIRES AND WORKMANSHIP MUST BE IN ACCORDANCE WITH AND MEET THE STANDARDS AND REGULATIONS OF THE FOLLOWING: UNDERWRITERS LABORATORIES, NATIONAL ELECTRIC CODE, & LOCAL BUILDING AND LIFE SAFETY CODE AGENCIES.
- REPLACE ALL BURNED-OUT OR INOPERATIVE SOURCES AND GEAR IN ALL LUMINAIRES BEFORE THE SITE IS ACCEPTED BY THE OWNER SO THAT ALL LUMINAIRES WILL BE IN FIRST CLASS OPERATING CONDITION.
- ELECTRICAL CONTRACTOR SHALL FIELD-VERIFY EACH RUN LENGTH OF CONTINUOUS FIXTURES PRIOR TO ORDERING.
- PROVIDE LUMINAIRE SAMPLES PER TYPE AS REQUESTED IN THE FIXTURE SCHEDULE. SUPPLY A COMPLETELY OPERABLE LUMINAIRE WITH CORD AND PLUG FOR STANDARD 120 VOLT SERVICE.
- CODE REQUIRED ACCESSORIES AND CONTROLS SUCH AS BUT NOT LIMITED TO MOTION SENSORS, PHOTOCCELL CONTROLS, DIMMING CONTROLS, ETC. TO BE SPECIFIED AND COORDINATED BY ELECTRICAL ENGINEER.
- CONTRACTOR SHALL FOLLOW ALL MANUFACTURER INSTALLATION INSTRUCTIONS AND INFORM THE LANDSCAPE ARCHITECT IF THERE IS A CONFLICT WITH DESIGN DOCUMENTS.

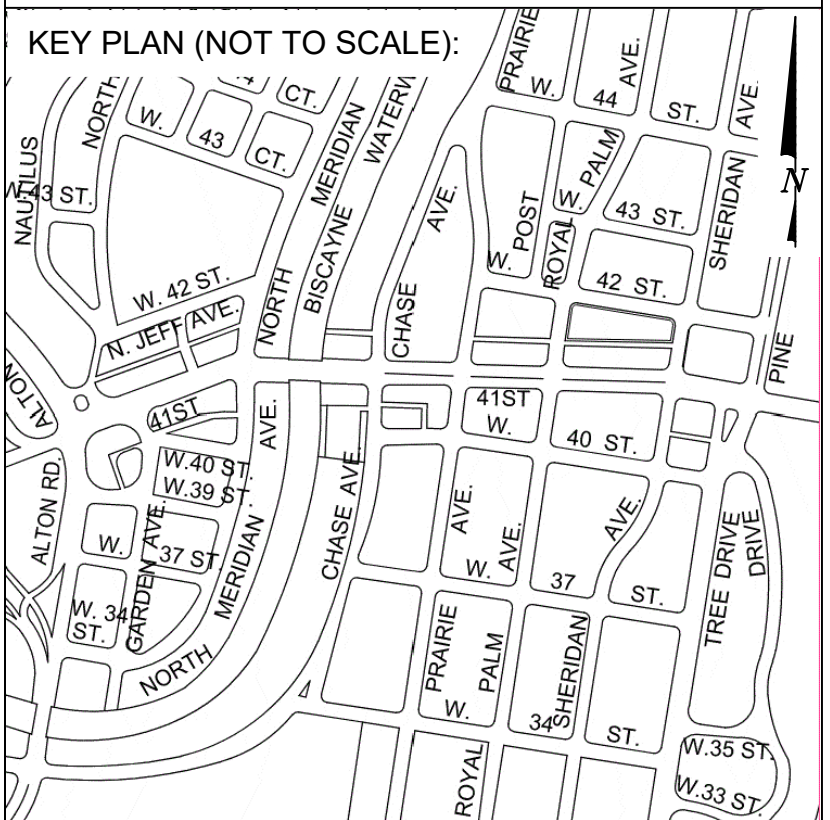
NOTES:

LEGEND



-  PALM TREE RING LIGHT
-  TREE STRAPPED ACCENT LIGHT
-  UNDERBENCH LIGHTING

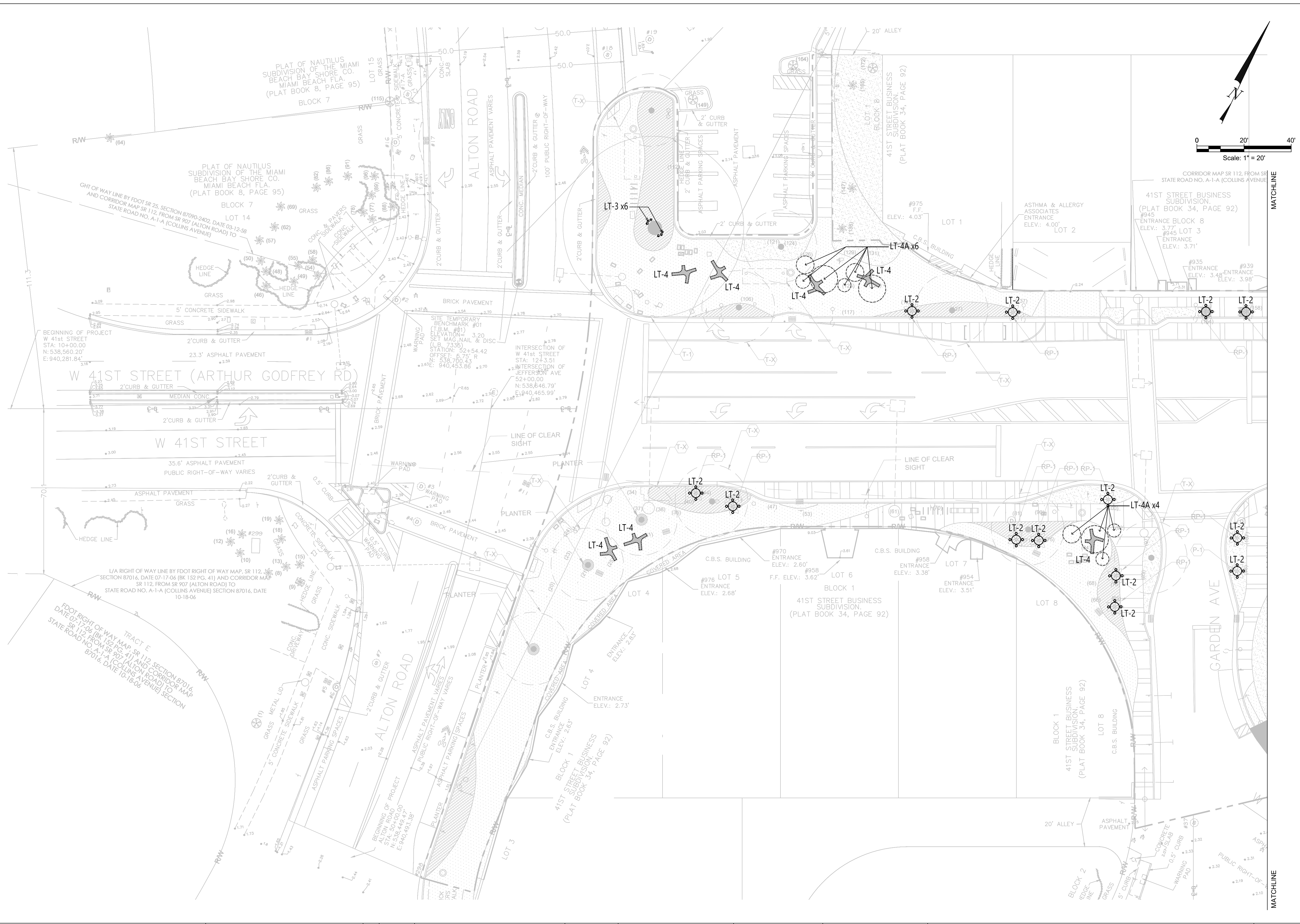
NOTES

- SEE LANDSCAPE DRAWINGS FOR ALL DIMENSIONS AND FIXTURE QUANTITIES.
- SEE ELECTRICAL DRAWINGS FOR CIRCUITING.
- SEE LANDSCAPE DETAILS FOR MOUNTING INFORMATION.



ARCH. SEAL:

	CITY MANAGER: ALINA T. HUDAK DIRECTOR: DAVID MARTINEZ, P.E. PUBLIC WORK DIRECTOR: JOE GOMEZ, P.E. CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.	5					ARCHITECT OF RECORD: Jeffrey Huber #AR96514 #LA6667547	ARCHITECT OF RECORD: _____ DESIGN ARCHITECT: _____ DRAWN BY: CEA CHECKER: EG/SB SCALE: 1"=20'	NEIGHBORHOOD: 41ST ST CORRIDOR REVITALIZATION	TITLE: LIGHTING FIXTURE SCHEDULE	File Name: 41STCORR - LIGHTING PLANS.dwg	Drawing: LT-0
		3	2024-05-06	60% DESIGN MILESTONE								



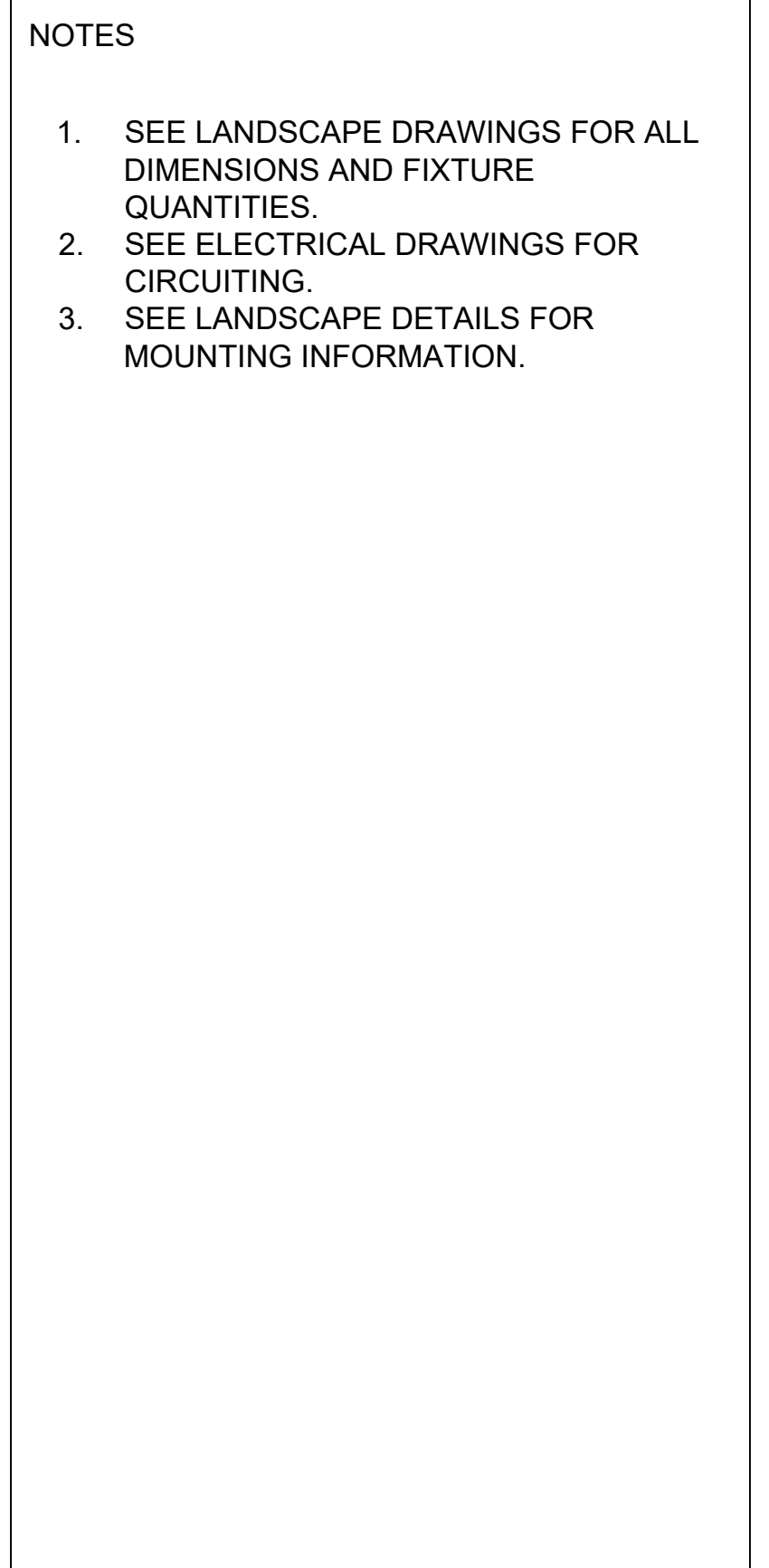
NOTES:

LEGEND

- PALM TREE RING LIGHT
- TREE STRAPPED ACCENT LIGHT
- UNDERBENCH LIGHTING

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ARCH. SEAL:

THIS SPACE RESERVED FOR PROJECT MILESTONE

MIAMI BEACH

OFFICE OF CAPITAL IMPROVEMENT PROJECTS

1701 MERIDIAN AVENUE, MIAMI BEACH, FL 33139

CITY MANAGER: ALINA T. HUDAK	5			
DIRECTOR: DAVID MARTINEZ, P.E.	4			
PUBLIC WORK DIRECTOR: JOE GOMEZ, P.E.	3	2024-05-06	60% DESIGN MILESTONE	
CITY ENGINEER: CRISTINA ORTEGA CASTINEIRAS, P.E.	2	2023-11-15	PRELIMINARY 60% DESIGN	
	1	2023-04-17	30% DESIGN MILESTONE	
	NO.	DATE	REVISION	APPD. BY

HLB

HLB Lighting Design
80 SW 8th St., Suite 2250
Miami, FL 33130

ARCHITECT OF RECORD: _____

DESIGN ARCHITECT: _____

DRAWN BY: CEA

CHECKER: EG/SB

SCALE: 1"=20'

NEIGHBORHOOD: **41ST ST CORRIDOR REVITALIZATION**

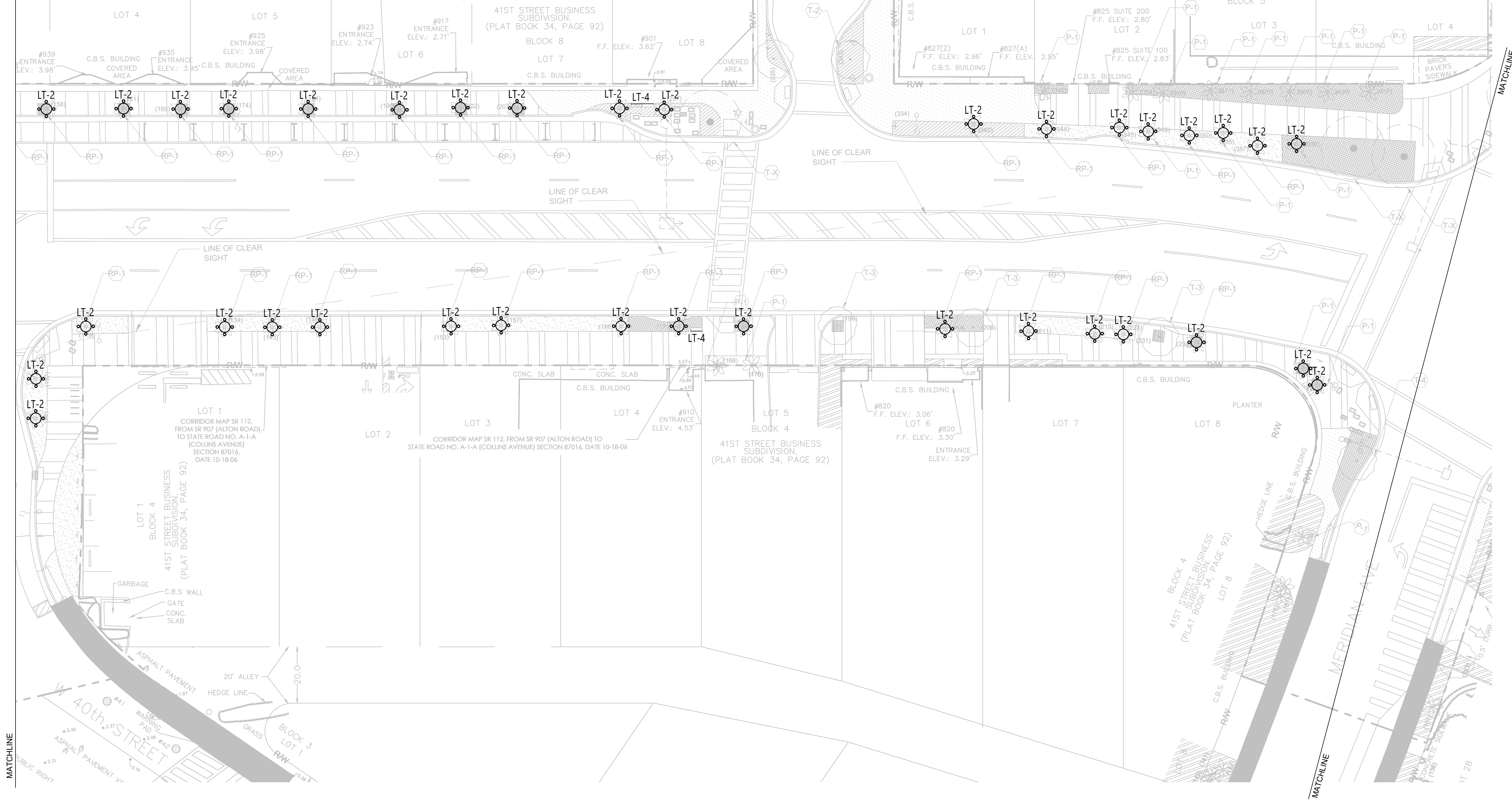
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File Name: 41STCORR - LIGHTING PLANS.dwg

Drawing: **LT-1**

MATCHLINE

SR 112, FROM SR 907 (ALTON ROAD) TO (COLLINS AVENUE) SECTION 87016, DATE 10-18-06
SS 92)



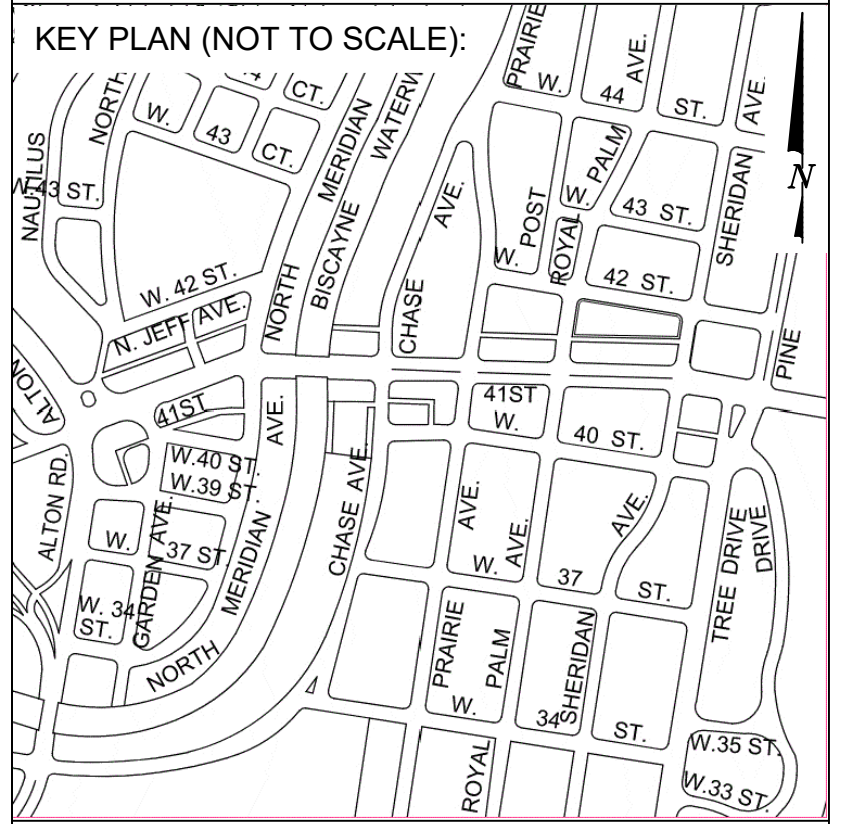
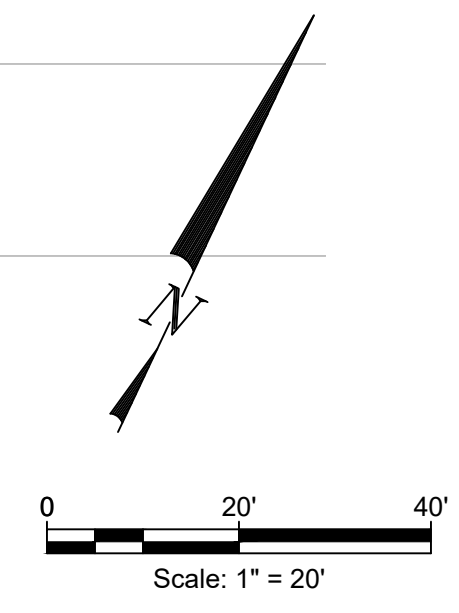
NOTES:

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ARCHITECT OF RECORD: _____
DESIGN ARCHITECT: _____
DRAWN BY: CEA
CHECKER: EG/SB
SCALE: 1"=20'

NEIGHBORHOOD: **41ST ST CORRIDOR REVITALIZATION**
TITLE: **LIGHTING PLAN**

File Name: 41STCORR - LIGHTING PLANS.dwg

Drawing: **LT-2**



NOTES:

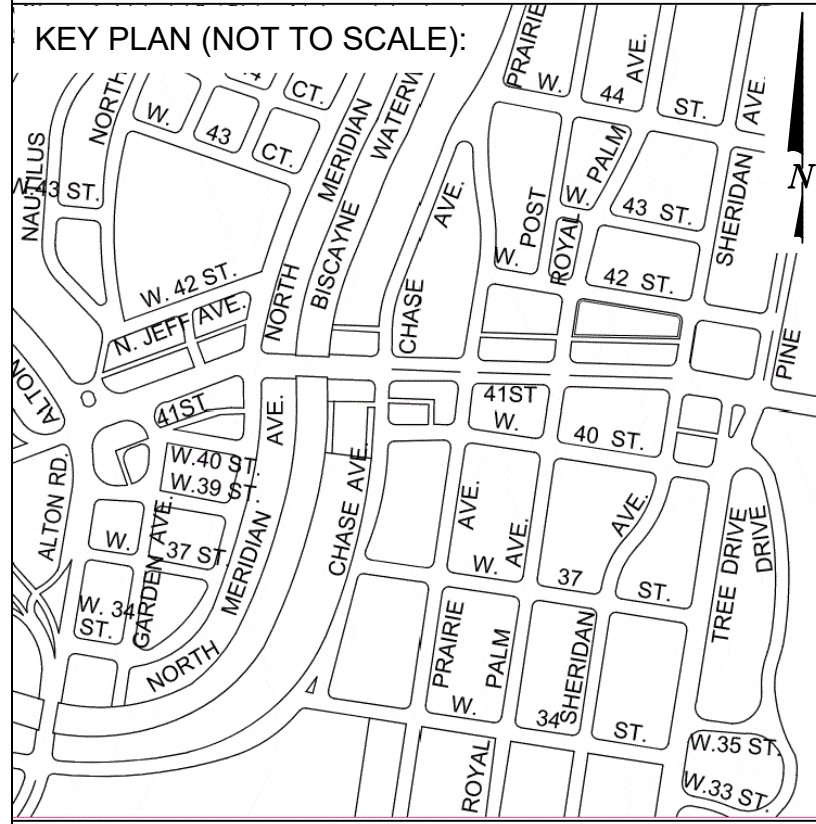
LEGEND

- PALM TREE RING LIGHT
- TREE STRAPPED ACCENT LIGHT
- UNDERBENCH LIGHTING

NOTES

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- NOTES**
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NO.	DATE	REVISION	APPD. BY
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Miami, FL 33130

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SCALE: 1"=20'

NEIGHBORHOOD:
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TITLE:
LIGHTING PLAN

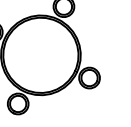

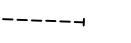
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Drawing:
LT-4



NOTES:

LEGEND

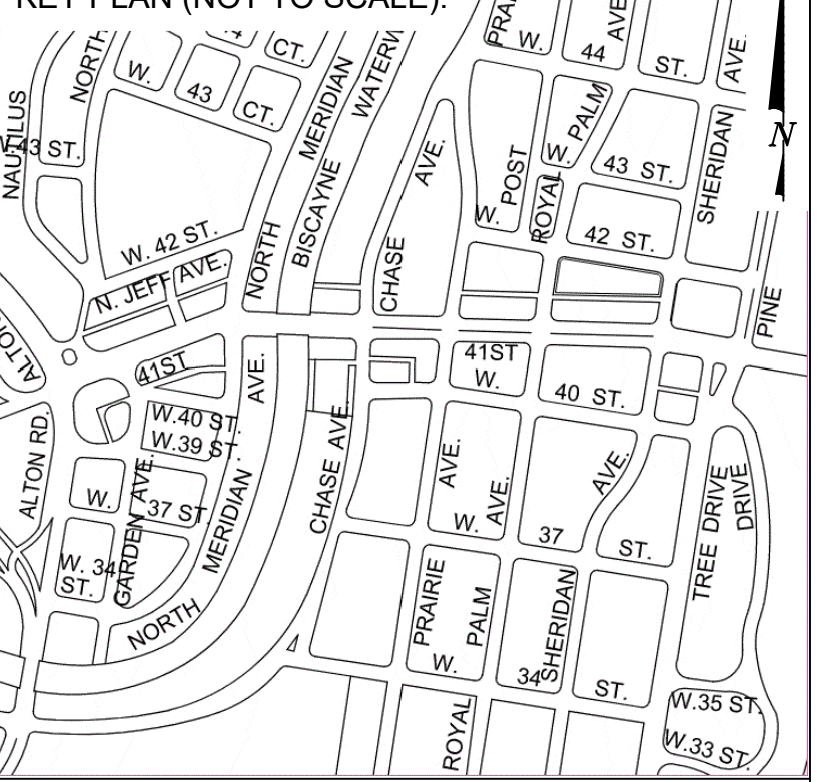
-  PALM TREE RING LIGHT
-  TREE STRAPPED ACCENT LIGHT
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KEY PLAN (NOT TO SCALE):



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CHECKER: EG/SB
SCALE: 1"=20'

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TITLE: LIGHTING PLAN

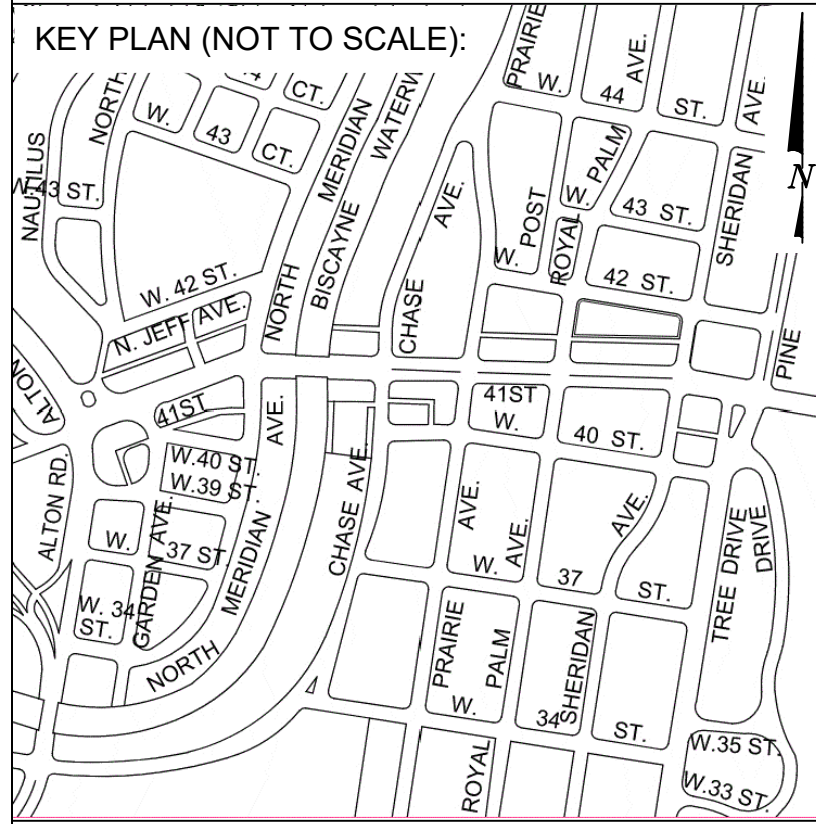
File Name: 41STCORR - LIGHTING PLANS.dwg
Drawing: LT-5

MATCHLINE



- NOTES:
- LEGEND
- PALM TREE RING LIGHT
 - TREE STRAPPED ACCENT LIGHT
 - UNDERBENCH LIGHTING

- NOTES
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ARCHITECT OF RECORD: Jeffrey Huber
 #AR9514
 #LA6667547

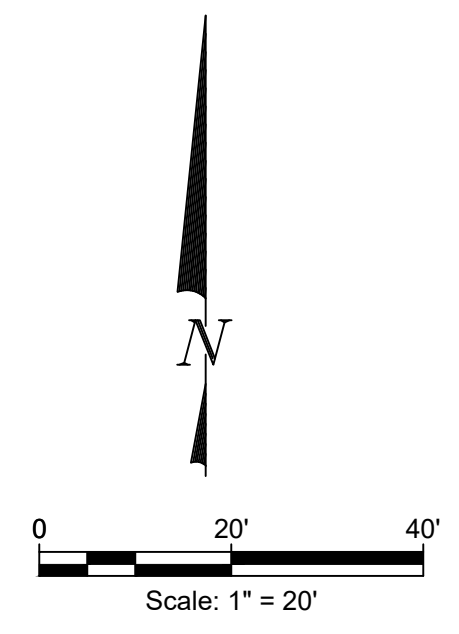
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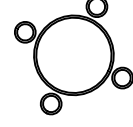

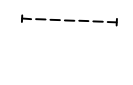
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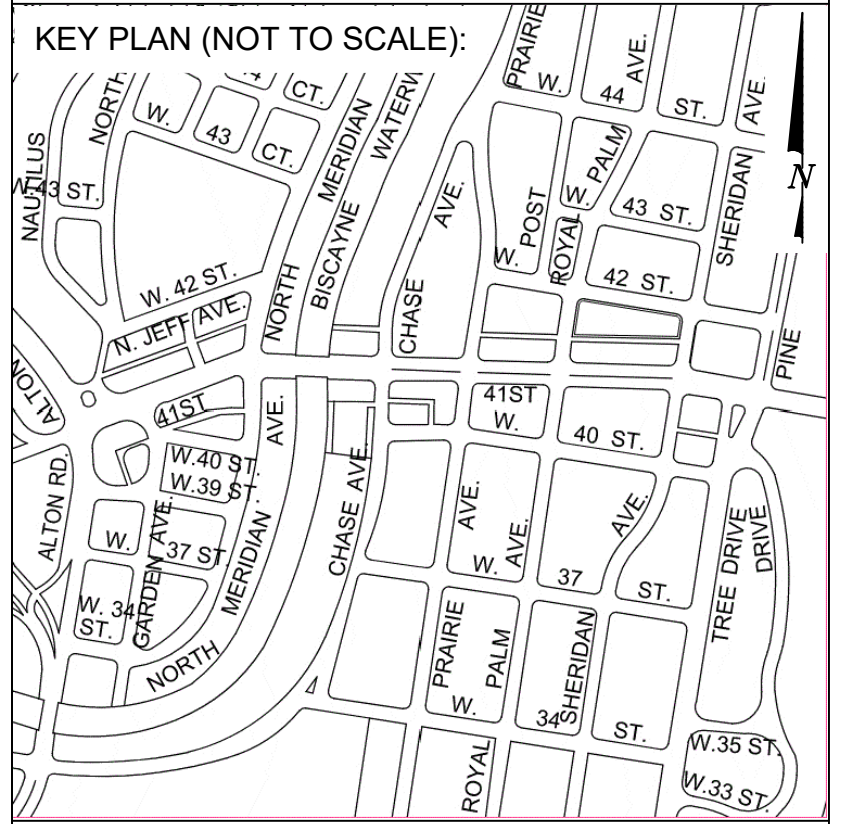
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File Name: 41STCORR - LIGHTING PLANS.dwg

Drawing: **LT-6**



- NOTES:**
- LEGEND**
-  PALM TREE RING LIGHT
 -  TREE STRAPPED ACCENT LIGHT
 -  UNDERBENCH LIGHTING
- NOTES**
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ARCHITECT OF RECORD: Jeffrey Huber
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#LA6667547

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SCALE: 1"=20'

NEIGHBORHOOD: **41ST ST CORRIDOR REVITALIZATION**

TITLE: **LIGHTING PLAN**

File Name: 41STCORR - LIGHTING PLANS.dwg

Drawing: **LT-7**