

Luminaire Schedule								
Project: 5TH STREET FT PIERCE REV1 11-10-2020								
Symbol	Qty	Label	[MANUFAC]	Description	Arr. Lum. Lumens	LLF	Lum. Watts	Total Watts
	12	SB	Sternberg Lighting	A880SRLED	9231	0.900	87.9	1054.8

Calculation Summary							
Project: 5TH STREET FT PIERCE REV1 11-10-2020							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
5TH STREET_Planar	Illuminance	Fc	1.57	7.0	0.4	3.93	17.50
SIDEWALKS	Illuminance	Fc	2.85	6.3	0.4	7.13	15.75

**SITE  
PHOTOMETRIC PLAN**  
1"=20'-0" NORTH

PERMIT ISSUED  
CONSTRUCTION ISSUED

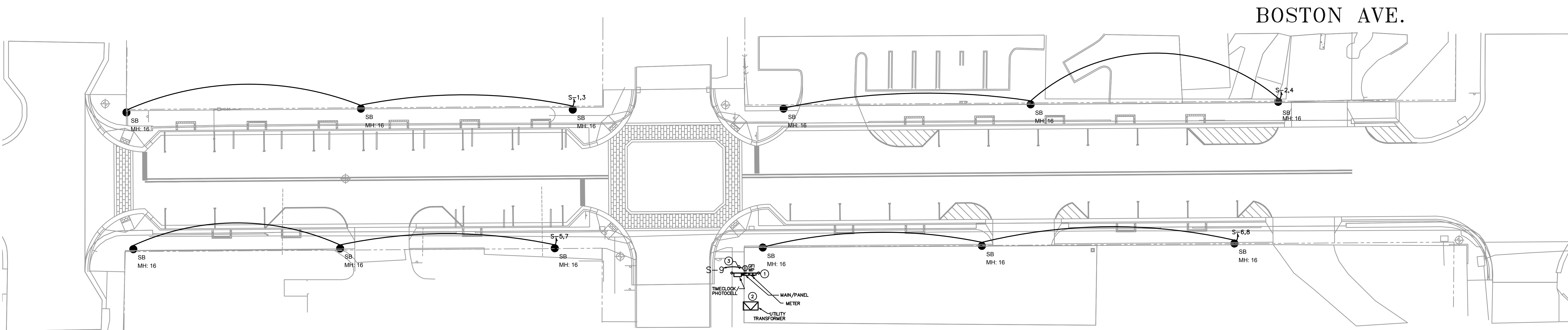
revision	date

KAMM CONSULTING  
 Fort Pierce, FL 34949  
 Phone: 888-772-5951 / 888-772-5951 / 772-5951 / 745  
 Email: kbrown@kammconsulting.com  
 Certification of Authorization #18189  
 Florida License #3532  
 Prepared: \_\_\_\_\_  
 Date: \_\_\_\_\_

project title: **5TH STREET (BOSTON AVE. TO DELAWARE AVE.)  
ROADWAY CONSTRUCTION PLANS**  
 FORT PIERCE FLORIDA  
 sheet title: **SITE  
PHOTOMETRIC PLAN**

proj. no.: 2020-0532  
 project manager: JM  
 checked by: BB  
 scale: AS NOTED  
 date: 10/08/2020

sheet  
**E1.1**  
 project



CITRUS AVE.

BOSTON AVE.

KEY NOTES	
①	COORDINATE FINAL LOCATION OF ONE-STREET SERVICE WITH OWNER AND FORT PIERCE UTILITIES PRIOR TO BID.
②	COORDINATE EXACT LOCATION OF TRANSFORMER/POWER SERVICE FEED WITH FORT PIERCE UTILITIES PRIOR TO BID.
③	CIRCUIT THRU PHOTOCELL/ TIMECLOCK.

**POWER PLAN**  
1"=20'-0" NORTH

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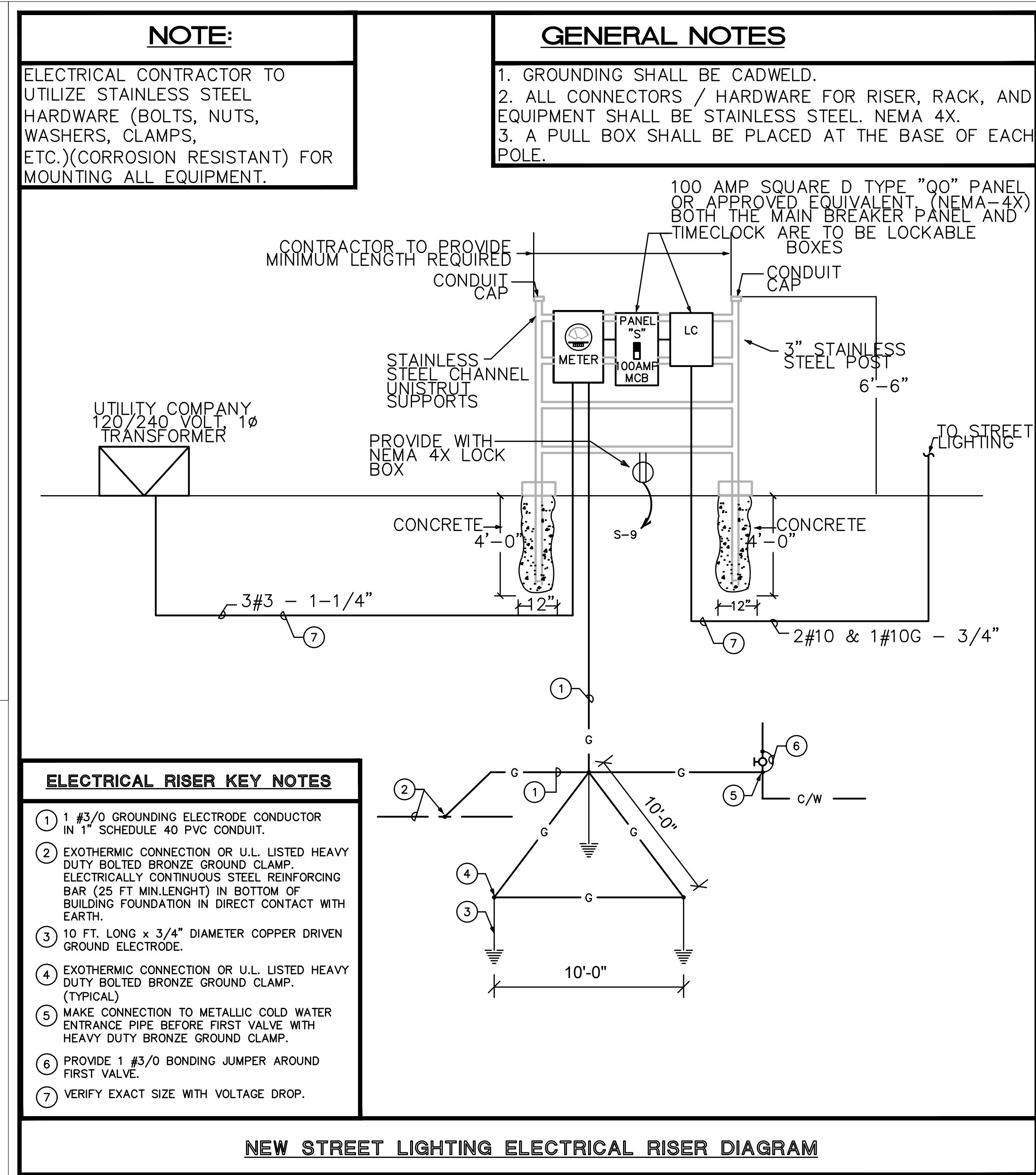
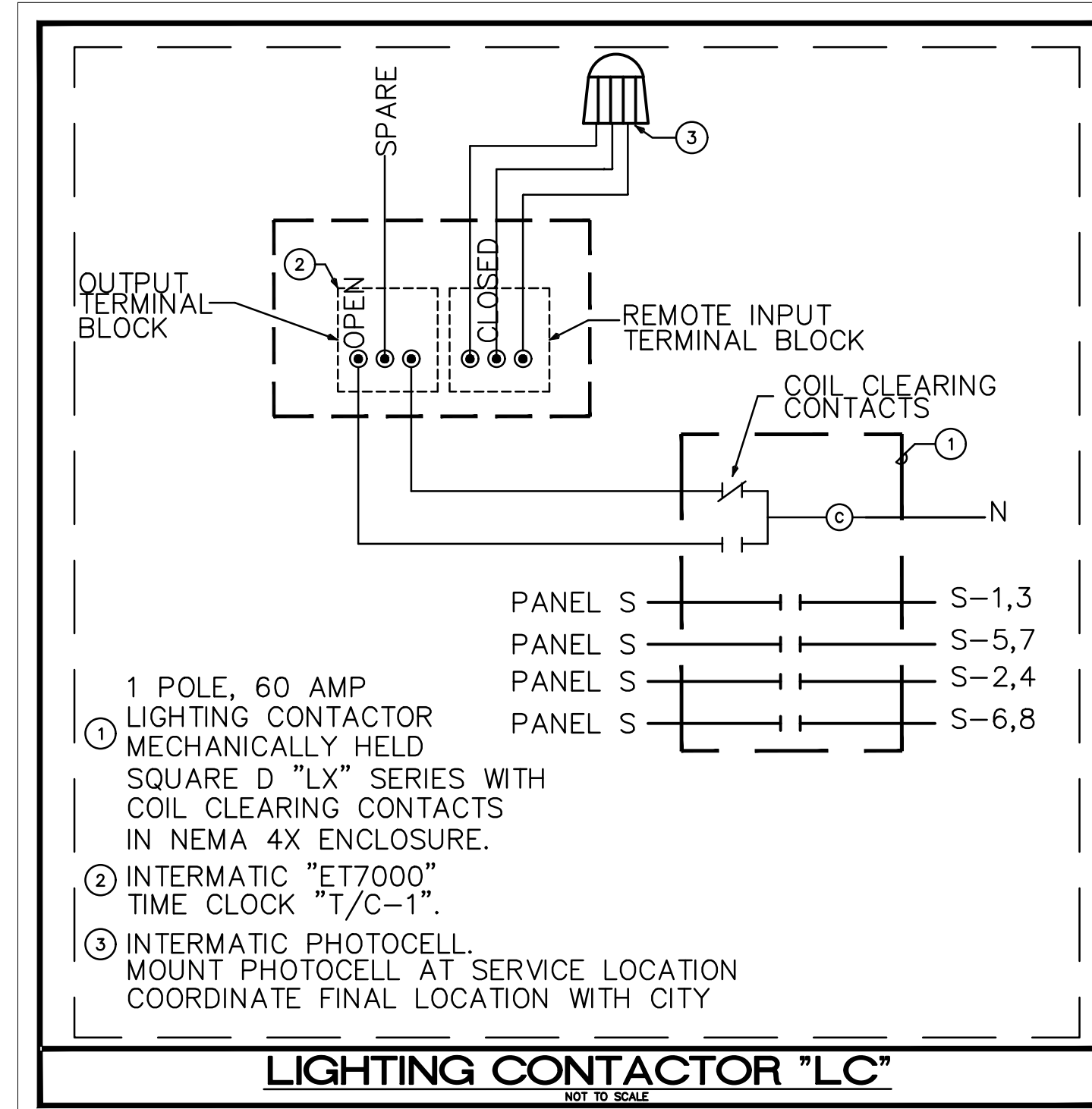
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**KAMM CONSULTING**  
1408 Orange Avenue  
Fort Pierce, FL 34945  
Phone: 888-772-5951 / 888-772-5952  
Fax: 888-772-5953  
www.kammconsulting.com  
bhrown@kammconsulting.com  
Certification of Authorization #18189  
Florida License #18332  
Project: \_\_\_\_\_  
Date: \_\_\_\_\_

project title: **5TH STREET (BOSTON AVE. TO DELAWARE AVE.) ROADWAY CONSTRUCTION PLANS**  
FORT PIERCE FLORIDA  
sheet title: **SITE POWER PLAN**

proj. no.: 2020-0532  
project manager: JM  
checked by: BB  
scale: AS NOTED  
date: 10/08/2020

sheet **E1.2**  
project



**SCHEDULE OF BRANCH CIRCUIT PANEL "S"**

MAIN: 100 AMP / 3 POLE MAIN CIRCUIT BREAKER      VOLTAGE: 208/120V, 3Ø, 4 WIRE  
 SPEC: SQUARE D OR APPROVED EQUIVALENT  
 MOUNTING: UNISTRUT      AIC SYMM: 22,000

DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
SITE LIGHTING	2#10	1#10	3/4"	20	1	1.0	1.0		2	20	3/4"	1#10	2#10	SITE LIGHTING
SITE LIGHTING	2#10	1#10	3/4"	20	2		1.0	1.0	4	20	3/4"	1#10	2#10	SITE LIGHTING
SITE LIGHTING	2#10	1#10	3/4"	20	3		1.0	1.0	6	20	3/4"	1#10	2#10	SITE LIGHTING
SITE LIGHTING	2#10	1#10	3/4"	20	4				8	20	3/4"	1#10	2#10	SITE LIGHTING
SERVICE RECEPTACLE	#12	#12	1/2"	20	9		0.8		10	20				SPARE
SPARE				20	11				12	20				SPARE
SPARE				20	13				14	20				SPARE
SPARE				20	15				16	20				SPARE
SPARE				20	17				18	20				SPARE
SPARE				20	19				20	20				SPARE
SPARE				20	21				22	20				SPARE
SPARE				20	23				24	20				SPARE
SPARE				20	25				26	20				SPARE
SPARE				20	27				28	20				SPARE
SPARE				20	29				30	20				SPARE
SPARE				20	31				32	20				SPARE
SPARE				20	33				34	20				SPARE
SPARE				20	35				36	20				SPARE
SPARE				20	37				38	20				SPARE
SPARE				20	39				40	20				SPARE
SPARE				20	41				42	20				SPARE
						4.0	2.8	2.0						KVA PER PHASE
						33.3	23.3	16.7						AMPS PER PHASE
							8.8							TOTAL KVA

date	
revision	

1408 Orange Avenue  
 Fort Lauderdale, FL 33304  
 Phone: 754-574-1464  
 Fax: 754-574-1467  
 Email: info@kammconsulting.com  
 Website: www.kammconsulting.com  
 Florida License #818189  
 Florida License #818189

**KAMM CONSULTING**

PREPARED BY: Brady L. Brown  
 date: \_\_\_\_\_  
 checked by: \_\_\_\_\_

project title: 5TH STREET (BOSTON AVE. TO DELAWARE AVE.) ROADWAY CONSTRUCTION PLANS  
 sheet title: RISER DIAGRAM

proj. no.: 2020-0532  
 project manager: JM  
 checked by: BB  
 scale: AS NOTED  
 date: 10/08/2020

sheet  
**E5.1**  
 project

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