ROJECT	NUMBER:		COURTYARD LAKE C 17282							~~	$\Lambda$					
NEL:			LD1 (FED FROM LDP	2)		A.I.C RAT	ING:			30 KA						
LTAGE:			120/208V, 3PH, 4W		J.	BUS:	250 AMP			MAINS:	250 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1				COPPER				M.C.B	LOCATION:	ELEC-3RD FLOOR			
DES:			0=LIGHTS 1=RECEP 2	=EQUIP 3=A/C 4	HHTG 5=125% LGST MTR	6=KITCHEN 7=	PREVIOUSL	YCALCUL	ATED							
CODE	WIRE	LOAD	CIRCUIT DESCRIPTION	N		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTIO	ON .		LOAD	WIRE	COD
0	12	1000	RCPTS/LTS		RM 300	20/1	1	A	2	20/1	RCPTS/LTS		RM 313	1000	12	0
2	12	1000	REFRIG/MICRO		~	20/1	3	В	4	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	5	C	6	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LTS		RM 301	20/1	7	Α	8	20/1	RCPTS/LTS		RM 314	1000	12	0
2	12	1000	REFRIG/MICRO		-	20/1	9	В	10	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	11	С	12	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LTS		RM 302	20/1	13	Α	14	20/1	RCPTS/LTS		RM 315	1000	12	0
2	12	1000	REFRIG/MICRO		-	20/1	15	В	16	20/1	REFRIG/MICRO		(# S	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	17	C	18	20/1	RCPT-VANITY			180	12	1
0	12	1000	RCPTS/LTS		RM 303	20/1	19	Α	20	20/1	RCPTS/LTS		RM 316	1000	12	0
2	12	1000	REFRIG/MICRO		-	20/1	21	В	22	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		<b>-</b>	20/1	23	С	24	20/1	RCPT-VANITY		220	180	12	1
0	12	1000	RCPTS/LTS		RM 304	20/1	25	Α	26	20/1	RCPTS/LTS		RM 317	1000	12	0
2	12	1000	REFRIG/MICRO		-	20/1	27	В	28	20/1	REFRIG/MICRO		41	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	29	C	30	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LTS		RM 305	20/1	31	Α	32	20/1	RCPTS/LTS		RM 318	1000	12	0
2	12	1000	REFRIG/MICRO		-	20/1	33	В	34	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	35	C	36	20/1	RCPT-VANITY		70	180	12	1
0	12	1000	RCPTS/LTS		RM 306	20/1	37	Α	38	20/1	RCPTS/LTS		RM 319	1000	12	0
2	12	1000	REFRIG/MICRO		-	20/1	39	В	40	20/1	REFRIG/MICRO		7	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	41	С	42	20/1	RCPT-VANITY		i=:	180	12	1
0	12	1000	RCPTS/LTS		RM 307	20/1	43	Α	44	20/1	RCPTS/LTS		RM 320	1000	12	0
2	12	1000	REFRIG/MICRO			20/1	45	В	46	20/1	REFRIG/MICRO		_	1000	12	2
-	12	180	RCPT-VANITY			20/1	47	c	48	20/1	RCPT-VANITY			180	12	1
0	12	1000	RCPTS/LTS		RM 308	20/1	49	A	50	20/1	RCPTS/LTS		RM 321	1000	12	0
2	12	1000	REFRIG/MICRO		KIVI 306	20/1	51	В	52	20/1	REFRIG/MICRO		RW 321	1000	1 2007/2	2
4	12	180	RCPT-VANITY		-	20/1	53	C	54	20/1	RCPT-VANITY			180	12 12	1
0	12	1000	RCPTS/LTS		PM 200	20/1	55	A	56	20/1	RCPTS/LTS		RM 322	1000	12	0
		10000000			RM 309	220,000	57		58				- TIVI 322		11100	1000
2	12	1000	REFRIG/MICRO		-	20/1		В		20/1	REFRIG/MICRO			1000	12	2
0	12	180	RCPT-VANITY		- DM 240	20/1	59	C	60	20/1	RCPT-VANITY		- DM 222	180	12	0
0	12	1000	RCPTS/LTS		RM 310	20/1	61	A	62	20/1	RCPTS/LTS		RM 323	1000	12	_
2	12	1000	REFRIG/MICRO		-	20/1	63	В	64	20/1	REFRIG/MICRO		4	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	65	С	66	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LTS		RM 311	20/1	67	A	68	20/1	RCPTS/LTS		RM 324	1000	12	0
2	12	1000	REFRIG/MICRO		-	20/1	69	В	70	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	71	С	72	20/1	RCPT-VANITY		- DI 1 005	180	12	1
0	12	1000	RCPTS/LTS		RM 312	20/1	73	A	74	20/1	RCPTS/LTS		RM 325	1000	12	0
2	12	1000	REFRIG/MICRO		. <del></del>	20/1	75	В	76	20/1	REFRIG/MICRO		#:	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	77	C	78	20/1	RCPT-VANITY		# / ·	180	12	1
			SPARE			20/1	79	A	80	20/1	SPARE					
							81	В	82							-
	CHD DAII	LICUTO	RECEP. EQUIP.	MOTORO	FLUEAT	DUAGE	83	C	84	DUAGE	CONNICA LOAD TO	NOTORS	DEC 10/A	DEC AND		
	SUB-PNL	LIGHTS	KECEP. EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.	-		CONN.KVA LOAD FA			DES. AMP		
	0	26000	0 0		0	0 A				A		G@125% ;(LG. MOTOR.=N/A)	32.50			
	0	0	0 26000		0	0 B				В	26.00 (SUB-PA		26.00			
	0	0	4680 0		0	0 C	-			C		0100%;( MOTOR.=N/A);	4.68			1
	0	26000	4680 26000		0	0 TOTAL				TOTAL		0100% (LESS THAN 10KW)	63.18			
											GRAND	IOIAL	63.18	175.4		

PROJECT N			COURTYARD LAKE	SILA						$\wedge$					
PROJECT N	NUMBER:		17282	22)	*10.517	INC.			201/4	$\longrightarrow$					-
PANEL:			LD2 (FED FROM LDI	- 2)	A.I.C RAT			<del>\</del>	30 KA	200 1112	MOUNTING	CUREAGE MOUNTER			_
VOLTAGE:			120/208V, 3PH, 4W		BUS:	200 AMP		(	MAINS:	)200 AMP M.C.B	MOUNTING:	SURFACE MOUNTED			
CODES:			NEMA-1	2-EQUID 2-A/C 4-UTC	5=125% LGST MTR 6=KITCHEN 7=	COPPER		LATED	$\bigcirc$	M.C.B	LOCATION:	ELEC-3RD FLOOR			_
CODE .	WIRE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIP	TION		LOAD	WIRE	С
				JIV .	100,000,000		9				TION				
3	12	1000	A/C-RM 300		20/2	1	A	2	20/2	A/C-RM 320			1000	12	
3	12	1000	- A /O DM 04			3	В	4	+ 20/0	- A 10 DM 004			1000	12	-
3	12	1000	A/C-RM 31		20/2	5	C	6	20/2	A/C-RM 321			1000	12	+
3	12	1000 1000	A/C-RM 302		20/2	9	A B	10	20/2	A/C-RM 322			1000 1000	12 12	-
3	12	1000	A/C-RIVI 302			11	C		20/2	A/C-RIVI 322			1000	12	-
3	12 12	1000	A/C-RM 303		20/2	13	A	12 14	20/2	A/C-RM 323			1000	12	-
3	12	1000	A/C-RIVI 303		20/2	15	В	16	20/2	A/C-RIVI 323			1000	12	1
3	12	1000	A/C-RM 304		20/2	17	C	18	20/2	A/C-RM 324			1000	12	
3	12	1000	- A/G-I(W 304		20,2	19	A	20	2012	A/C-11W 32-T			1000	12	+
3	12	1000	A/C-RM 305		20/2	21	B	22	20/2	A/C-RM 325			1000	12	
3	12	1000	-		1	23	C	24	1	- 100 Turi 525			1000	12	+
3	12	1000	A/C-RM 306		20/2	25	A	26	20/1	EF-7			100	12	
3	12	1000	-		1	27	В	28	20/1		DR/ LINE STOR./ ELEC. ROOM		1260	10	
3	12	1000	A/C-RM 307		20/2	29	C	30	20/1	RCPTS - CORRIDO			1260	12	-
3	12	1000	-		1	31	A	32	20/1	ICE MACHINE	21		1500	12	
3	12	1000	A/C-RM 308		20/2	33	В	34	20/1	FIRE SMOKE DAM	IPER		200	12	
3	12	1000	-		1	35	c	36	20/2	SPARE	1 210		200	12	+
3	12	1000	A/C-RM 309		20/2	37	A	38	1	OI / II L					
3	12	1000	-		1	39	В	40	20/2						+
3	12	1000	A/C-RM 310		20/2	41	C	42	Ĭ						1
3	12	1000	-		1	43	A	44	20/1						+
3	12	1000	A/C-RM 311	(PTAC - No.1)	20/2	45	В	46	I I						
3	12	1000	-	V INC NO.17	Ĭ	47	c	48							1
3	12	1000	A/C-RM 311	(PTAC - No.2)	20/2	49	A	50	1 1						_
3	12	1000	-	(1 1/10 110.2)	Ĭ	51	В	52		SPACE ONLY					
3	12	1000	A/C-RM 312		20/2	53	C	54		OF THE STATE					
3	12	1000				55	A	56							
3	12	1000	A/C-RM 313		20/2	57	В	58							
3	12	1000	-			59	C	60							+
3	12	1000	A/C-RM 314		20/2	61	A	62							
3	12	1000	-		1	63	В	64							
3	12	1000	A/C-RM 315		20/2	65	c	66							
3	12	1000	-			67	A	68	1						1
3	12	1000	A/C-RM 316		20/2	69	В	70							
3	12	1000	-		1	71	C	72							
3	12	1000	A/C-RM 317		20/2	73	Α	74							
3	12	1000	-		T	75	В	76							
3	12	1000	A/C-RM 318		20/2	77	С	78							
3	12	1000	-			79	Α	80							
3	12	1000	A/C-RM 319		20/2	81	В	82							
3	12	1000	-			83	c	84		<b>+</b>	Į.				
	SUB-PNL	LIGHTS	RECEP. EQUIP.	MOTORS	EL.HEAT PHASE		F.T.L.	7	PHASE	CONN.KVA LOAD	FACTORS	DES. KVA	DES. AMP		
	0	0	0 1600	18000	0 A				Α		TING=N/A);LG. MOTOR.=N/A)	19.60			
	0	0	1260 200	18000	0 B				В	19.46 (SUB	-PANEL=N/A)	19.46	54		
	0	0	1260 0	18000	0 C				С	19.26 EQUI	P.@100%; MOTOR.@100%;	19.26	53		
	0	0	2520 1800	54000	0 TOTAL	1			TOTAL		S@100% (LESS THAN 10KW)	58.32			

PROJECT			COURTYARD LAKE CITY	Y												
ROJECT	NUMBER:		17282			V				120000			1			
ANEL:			LE1 (FED FROM LDP1)			A.I.C RAT	THE STREET STREET			22 KA	050 4140	MOUNTAIO	OUDEA OF MOUNTED			
OLTAGE:			120/208V, 3PH, 4W			BUS:	250 AMP COPPER			MAINS:	250 AMP M.C.B	MOUNTING:	SURFACE MOUNTED			-
ODES:			NEMA-1	FOLUB 2-A/C 4	=HTG 5=125% LGST MTF	S-VITCHEN 7-			ATED		M.C.B	LOCATION:	ELEC- 2ND FLOOR		_	+-
CODE	WIRE	LOAD	CIRCUIT DESCRIPTION	EQUIP 3=A/C 4	=HIG 5=125% LGS   MIF			PH	_	DVD	CIDCUIT DECCRIOT	ION		LOAD	WIRE	СО
0	12	1000	RCPTS/LTS		RM 200	20/1	CKT	1 22	CKT 2	20/1	CIRCUIT DESCRIPT RCPTS/LTS	ION	RM 213	1000	12	00
2	12	1000	REFRIG/MICRO		RIVI 200	20/1	3	A B	4	20/1	REFRIG/MICRO		RIVI 213	1000	12	
4	12	180	RCPT-VANITY			20/1	5	C	6	20/1	RCPT-VANITY			180	12	-
0	12	1000	RCPTS/LTS		RM 201	20/1	7	A	8	20/1	RCPTS/LTS		RM 214	1000	12	(
2	12	1000	REFRIG/MICRO		KWI 20 I	20/1	9	В	10	20/1	REFRIG/MICRO		NW 214	1000	12	
1	12	180	RCPT-VANITY		1	20/1	11	C	12	20/1	RCPT-VANITY			180	12	1
0	12	1000	RCPTS/LTS		RM 202	20/1	13	A	14	20/1	RCPTS/LTS		RM 215	1000	12	
2	12	1000	REFRIG/MICRO		RIVI 202	20/1	15	В	16	20/1	REFRIG/MICRO		NW 213	1000	12	2
1	12	180	RCPT-VANITY		494	20/1	17	C	18	20/1	RCPT-VANITY			180	12	-
o	12	1000	RCPTS/LTS		RM 203	20/1	19	-	20	20/1	RCPTS/LTS		RM 216	1000	12	-
2	12	1000	REFRIG/MICRO		RIVI 203	20/1	21	A B	22	20/1	REFRIG/MICRO		RIVI 216	1000	12	- 04
1	12	180	RCPT-VANITY		-	20/1	23	C	24	20/1	RCPT-VANITY		12	180	12	2
	1-2-2-2		RCPT-VANITY RCPTS/LTS		DM 204	20/1		-						1000	12	
0	12	1000			RM 204		25	A	26	20/1	RCPTS/LTS		RM 217			(
2	12	1000	REFRIG/MICRO			20/1	27	В	28	20/1	REFRIG/MICRO		-   -	1000	12	
0	12	180	RCPT-VANITY		- D14 205	20/1	29 31	C	30	20/1	RCPT-VANITY		-	180	12	
-	12	1000	RCPTS/LTS		RM 205	20/1		A	32		RCPTS/LTS		RM 218	1000	12	_
2	12	1000	REFRIG/MICRO		-	20/1	33	В	34	20/1	REFRIG/MICRO		\	1000	12	
1	12	180	RCPT-VANITY		- -	20/1	35	C	36	20/1	RCPT-VANITY		-	180	12	
0	12	1000	RCPTS/LTS		RM 206	20/1	37	A	38	20/1	RCPTS/LTS		RM 219	1000	12	(
2	12	1000	REFRIG/MICRO		3,1	20/1	39	В	40	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	41	С	42	20/1	RCPT-VANITY		-	180	12	-
0	12	1000	RCPTS/LTS		RM 207	20/1	43	A	44	20/1	RCPTS/LTS		RM 220	1000	12	(
2	12	1000	REFRIG/MICRO			20/1	45	В	46	20/1	REFRIG/MICRO		7	1000	12	2
1	12	180	RCPT-VANITY			20/1	47	С	48	20/1	RCPT-VANITY			180	12	1
0	12	1000	RCPTS/LTS		RM 208	20/1	49	A	50	20/1	RCPTS/LTS		RM 221	1000	12	(
2	12	1000	REFRIG/MICRO		-	20/1	51	В	52	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		•	20/1	53	С	54	20/1	RCPT-VANITY			180	12	1
0	12	1000	RCPTS/LTS		RM 209	20/1	55	Α	56	20/1	RCPTS/LTS		RM 222	1000	12	C
2	12	1000	REFRIG/MICRO		-	20/1	57	В	58	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VANITY		<u>-</u>	20/1	59	С	60	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LTS		RM 210	20/1	61	Α	62	20/1	RCPTS/LTS		RM 223	1000	12	(
2	12	1000	REFRIG/MICRO		<del>-</del>	20/1	63	В	64	20/1	REFRIG/MICRO		(7)	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	65	С	66	20/1	RCPT-VANITY		(=)	180	12	1
0	12	1000	RCPTS/LTS		RM 211	20/1	67	Α	68	20/1	RCPTS/LTS		RM 224	1000	12	(
2	12	1000	REFRIG/MICRO		-	20/1	69	В	70	20/1	REFRIG/MICRO		( <del>11</del> )	1000	12	2
1	12	180	RCPT-VANITY		-	20/1	71	С	72	20/1	RCPT-VANITY		, <del>L</del>	180	12	1
0	12	1000	RCPTS/LTS		RM 212	20/1	73	Α	74	20/1	RCPTS/LTS		RM 225	1000	12	(
2	12	1000	REFRIG/MICRO		-	20/1	75	В	76	20/1	REFRIG/MICRO		-	1000	12	1
1	12	180	RCPT-VANITY		-	20/1	77	С	78	20/1	RCPT-VANITY		-	180	12	,
			SPARE			20/1	79	Α	80	20/1	SPARE					
							81	В	82							
			+		Name of the State	+	83	С	84	+	•					
	SUB-PNL	LIGHTS	RECEP. EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.			CONN.KVA LOAD			DES. AMF	1	
	0	26000	0 0		0	0 A				A		NG@125%;(LG. MOTOR.=N/A)	32.50	90		
	0	0	0 26000		0	0 B				В	26.00 (SUB-P		26.00	72		
	0	0	4680 0	3	702	0 C				С		@100%;( MOTOR.=N/A);	4.68	13		
	0	26000	4680 26000		0	0 TOTAL				TOTAL	56.68 RCPTS	@100% (LESS THAN 10KW)	63.18	175		

NOTE: 1- PROVIDE ARC-FAULT CIRCUIT BREAKERS FOR ALL BRANCH CIRCUITS IN GUEST ROOMS (ARTICLE 210.12B & 210.18 - NEC 2015)

PROJECTI	IAME:		COURTYARD LAKE CITY												
PROJECTIN	IUMBER:		17282												
PANEL:	-		LE2 (FED FROM LDP1)		A.I.C RAT	ING:			22 KA						
VOLTAGE:			120/208V, 3PH, 4W NEMA-1		BUS:	200 AMP COPPER			MAINS:	200 AMP M.C.B	MOUNTING: LOCATION:	SURFACE MOUNTED ELEC- 2ND FLOOR			
CODES:			0=LIGHTS 1=RECEP 2=EQUIP	3=A/C 4=HTG 5=125% LGST MTR	8 6=KITCHEN 7=		YCALCUL	ATED							
CODE	WIRE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	СКТ	BKR	CIRCUIT DESCRIPTIO	N		LOAD	WIRE	CC
3	12	1000	A/C-RM 200		20/2	1	Α	2	20/2	A/C-RM 220	1		1000	12	1
3	12	1000	-		J.	3	В	4	l i	-			1000	12	
3	12	1000	A/C-RM 201		20/2	5	C	6	20/2	A/C-RM 221			1000	12	
3	12	1000	-		1	7	A	8	I	-			1000	12	
3	12	1000	A/C-RM 202		20/2	9	В	10	20/2	A/C-RM 222			1000	12	
3	12	1000	_			11	c	12	L	7/O-TWI ZZZ			1000	12	
3	12	1000	A/C-RM 203		20/2	13	A	14	20/2	A/C-RM 223			1000	12	
3	12	1000	A/C-KW 203			15	В	16	20/2	A/C-11W 223			1000	12	
3	12	1000	A/C-RM 204		20/2	17	C	18	20/2	A/C-RM 224			1000	12	8
1021			A/C-RW 204		13115371153857111	12000		37.5	20/2	A/C-IXIVI 224				745	
3	12	1000	A /C FM 205		20/2	19	A	20	20/2	A/C DM 225			1000	12	
3	12	1000	A/C-RM 205		20/2	21	В	22	20/2	A/C-RM 225			1000	12	
3	12	1000	- 1 /0 E14 000		- t	23	С	24	<b>*</b>	- 			1000	12	
3	12	1000	A/C-RM 206		20/2	25	A	26	20/1	EF - 7			100	12	
3	12	1000	-		+	27	В	28	20/1		LINE STOR./ ELEC. ROOM		1260	10	
3	12	1000	A/C-RM 207		20/2	29	С	30	20/1	RCPTS - CORRIDOR			1440	12	
3	12	1000	-		+	31	Α	32	20/1	ICE MACHINE			1500	12	
3	12	1000	A/C-RM 208		20/2	33	В	34	20/1	C.P.			1500	12	
3	12	1000	-		<b>+</b>	35	С	36	20/1	C.P.			1500	12	- 8
3	12	1000	A/C-RM 209		20/2	37	Α	38	20/1	RCPTS -OUTDOOR F	OR MAINTENANCE		360	12	
3	12	1000			<b>+</b>	39	В	40	20/1	FIRE SMOKE DAMPE	R		200	12	3
3	12	1000	A/C-RM 210		20/2	41	C	42	20/2	SPARE					
3	12	1000	-		1	43	Α	44	1	100.000					
3	12	1000	A/C-RM 211		20/2	45	В	46	20/2						
3	12	1000	-		1	47	С	48	1						
3	12	1000	A/C-RM 212		20/2	49	Α	50	20/1						
3	12	1000	-		1	51	В	52							
3	12	1000	A/C-RM 213		20/2	53	C	54							
3	12	1000	-		T T	55	A	56	440						
3	12	1000	A/C-RM 214		20/2	57	В	58	- Y	SPACE ONLY					
3	12	1000	-			59	c	60		OF FIGE GIVES					
3	12	1000	A/C-RM 215		20/2	61	A	62	1						
3	12	1000	- TWI 210		1000	63	В	64	+						
3	12	1000	A/C-RM 216		20/2	65	C	66							
3	12		A/G-IXIVI Z TO			67		68							
		1000	A /C PM 217		30/3	10,700	A								
3	12	1000	A/C-RM 217		20/2	69	В	70							-
3	12	1000	A /O DNA 240		*	71	C	72							
3	12	1000	A/C-RM 218		20/2	73	A	74							
3	12	1000			+	75	В	76							
3	12	1000	A/C-RM 219		20/2	77	С	78							
3	12	1000	-		+	79	Α	80							
			SPARE		20/2	81	В	82							
			<b>1</b>		1	83	С	84		+					
	SUB-PNL	LIGHTS	RECEP. EQUIP. MOTO	ORS EL. HEAT	PHASE		F.T.L.		PHASE	CONN.KVA LOAD FA	CTORS	DES. KVA	DES. AMF		
	0	0	360 1600	18000	0 A				Α		G=N/A);LG. MOTOR.=N/A)	19.96			
	0	0	1260 1700	17000	0 B				В	19.96 (SUB-PA		19.96			
	0	0	1440 1500	17000	0 C				C		100%; MOTOR.@100%;	19.94	55		
	0	0	3060 4800	52000	0 TOTAL	1			TOTAL	50.86 RCDTS	100% (LESS THAN 10KW)	59.86			
	J	U	3000 -1000	02000	UTOTAL	-			IOIAL	GRAND			166.2	0	_

ROJECT N			17282	RD LAKE C	ΠY						~~	$\Lambda$					
ANEL:	NOMBER.			FROM LDP	4)		A.I.C RA	TINO:			22 KA	<del>/</del>					
OLTAGE:			120/208V.		1)		BUS:	125 AMP		<del>                                     </del>	MAINS:	125 AMP	MOUNTING:	SURFACE MOUNTED			
OLIAGE.			NEMA-1	3FH, 4VV			BUS.	COPPER			WAINS.	M.C.B	LOCATION:	ELEC- 1ST FLOOR			
ODES:			The second secon	1-DECED 3	2-EOLID 2-A/C 4-L	ITG 5=125% LGST MTF	R-VITCHEN 7-		V CALCUI	ATED		IVI.C.D	LOCATION.	ELEC- IST TEOOK			
CODE	WIRE	LOAD		ESCRIPTIO		110 3-125% LOST WITE	BKR	CKT	PH	CKT	BKR	CIRCUIT DE	SCRIPTION		LOAD	WIRE	COD
0	12	1000	RCPTS/LT			RM 100	20/1	1	A	2	20/2	A/C-RM 100			1000	12	3
2	12	1000	REFRIG/MI			NIVI 100	20/1	3	В	4	20/2	A/C-RW 100			1000	12	3
1	12		RCPT-VAN				20/1	5	C	6	20/2	A/C-RM 101			1000	12	3
0	12	1000	RCPTS/LT			RM 101	20/1	7	-	8	1	A/C-KW 101			1000	12	3
2	12		REFRIG/MI			XIVI 101	20/1	9	A B	10	20/2	A/C-RM 102			1000	12	3
1	12		RCPT-VAN				20/1	11	C	12	2012	A/C-KW 102			1000	12	3
n	12		RCPTS/LT			RM 102	20/1	13	A	14	20/2	A/C-RM 103			1000	12	3
2	12		REFRIG/MI			KIVI 102	20/1	15	В	16	2012	A/C-RIVI 103			1000	12	3
4	12		RCPT-VAN			8	20/1	17	C	18	20/2	A/C-RM 104			1000	12	3
0	12		RCPTS/LT			RM 103	20/1	19		20	2012	A/C-RW 104			1000	12	3
2	- 30000		REFRIG/MI			KIVI 103	20/1		A	120000	20/2	A/C-RM 105			1000		
4	12 12		RCPT-VAN			¶). 23	20/1	21 23	B	22	2012	A/C-RM 105			1000	12 12	3
0			RCPTS/LT			RM 104	20/1	25	-	26	* * * * * * * * * * * * * * * * * * *	SPARE			1000	12	3
2	12		REFRIG/MI			RIVI 104	20/1	27	A B	100000	20/2	SPARE					
2	12		RCPT-VAN			•	20/1	29	C	28 30	20/2						
0	12		RCPT-VAN	CONTRACTOR OF THE PARTY OF THE		RM 105	20/1	31	0.000	0.0000	2012						
	12 12		REFRIG/MI			KIVI 105	20/1	33	A B	32	+	SPACE ON	V				
2	. 11000		RCPT-VAN	ALLESS (BASE)		•	20/1	0.00		34		SPACE UNI	T .				
- 9	12			NITY		· i		35	С	36							
			SPARE				20/1	37	Α	38							
								39	В	40							
			+				*	41	С	42		+					
	SUB-PNL	LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.		PHASE		LOAD FACTORS		DES. AMP		
	0	6000	0	0	4000		0 A				Α		LIGHTING@125%; LG. MOTOR.=N/A)	11.50	300000		
	0	0	0	6000	4000		0 B				В	10.00	(SUB-PANEL=N/A)	10.00			
	0	0	1080	0	4000		0 C				С		EQUIP.@100%; MOTOR.@100%;	5.08	100000000000000000000000000000000000000		
	0	6000	1080	6000	12000		0 TOTAL				TOTAL	25.08	RCPTS@100% (LESS THAN 10KW)	26.58			
													GRAND TOTAL	26.58	73.8		

ROJECT	0.0000000000000000000000000000000000000		COURTYARD LAKE CITY						A					
	NUMBER:		17282		5551.745.74			$\sim$	/1\					
NEL:			LF2 (FED FROM LDP1)	A.I.C RA		_		30 KA						
DLTAGE:			120/208V, 3PH, 4W	BUS:	250 AMP		1	MAINS:	250 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1		COPPER			$\sim$	M.C.B	LOCATION:	ELEC- 1ST FLOOR			
ODES:			0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MT	1777				2.55						
CODE	WIRE		CIRCUIT DESCRIPTION	BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTIO		100000	DAD	WIRE	CODE
0	12	250	LTS-TYPE "X1", "X2", "X3" AT MAIN LOBBY/ LOUNGE	20/1	1	A	2	20/1	MONUMENT SIGN (NO	OTE 1)	1 22	200	10	0
0	10	800	LTS- CORRIDOR	20/1	3	В	4					200	10	0
0	10		LTS- CORRIDOR	20/1	5	С	6		<b>+</b>			200	10	0
0	12	716	LTS- FITNESS CENTER	20/1	7	Α	8	20/1	MONUMENT SIGN (NO	OTE 1)		200	10	0
0	12	915	LTS- LAUNDRY/ GUEST LAUNDRY	20/1	9	В	10				1 170	200	10	0
0	12	1260	LTS-OFFICE/BREAKROOM/TEL/COMP	20/1	11	С	12	+	•		100	200	10	0
0	12	816	LTS- LED TRIP - LOBBY	20/1	13	Α	14	20/1	LTS - PLAG POLE (NO	OTE 1)		250	10	0
0	12	1000	LTS-TYPE "J09" AT LOUNGE	20/1	15	В	16	20/2	LTS - SITE (NOTE 1)			972	10	0
0	12	916	LTS-FOOD PREP	20/1	17	С	18	+				72	10	0
0	12	680	LTS- MEETING ROOM/ BUSSINESS LIB.	20/1	19	Α	20	20/2	LTS - SITE (NOTE 1)			972	10	0
0	12	460	LTS- PUBLIC RESTROOM/ MECH	20/1	21	В	22	+	<b>+</b>			972	10	0
0	12	329	LTS-ELECTRICAL/STORAGE/VESTIBULE	20/1	23	С	24	20/1	BUILDING SIGN (NOTE	1)		200	10	0
0	12	320	LTS-ENTRANCE CANOPY (NOTE 1)	20/1	25	A	26					200		0
0	12	492	LTS-ENTRANCE CANOPY (NOTE 1)	20/1	27	В	28	<b>+</b>	<b>+</b>			200	•	0
0	12	1000	LTS-VERTICAL BLDG LIGHT -Z74 A,B,C (NOTE 1)	20/1	29	С	30	20/1	BUILDING SIGN (NOTE	1)	217	200	10	0
0	12	320	LTS-REAR ENTRANCE CANOPY (NOTE 1)	20/1	31	Α	32					200		0
0	10	400	LTS-EXTERIOR "Z01", "Z75", "Z76" (NOTE 1)	20/1	33	В	34	+	<b>*</b>			200	•	0
0	12	100	LTS-ENTRANCE CANOPY (NOTE 1)	20/1	35	С	36	20/1	BUILDING SIGN (NOTE	1)		200	10	0
0	12		LTS-ENTRANCE CANOPY (NOTE 1)	20/1	37	Α	38				10 000	200		0
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 6TH FL		39	В	40	+	<b>+</b>		12	200	•	0
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 6TH FL		41	С	42	20/1	SPARE					
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 5TH FL		43	Α	44							
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 5TH FL		45	В	46							
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 4TH FL		47	С	48							
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 4TH FL		49	Α	50					- 9		
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 3RD FI		51	В	52							
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 3RD FI	The state of the s	53	С	54							
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 2ND FI		55	Α	56							
0	10	1645	LTS - CORRIDOR/ELEV LOBBY/ELECTRICAL/LINEN - 2ND FI		57	В	58							
0	10	663	LTS - TYPE "R87", "X1", "X2" AT STAIRCASE	20/1	59	С	60							
0	12	100	LTS - EXTERIOR TYPE "Z88" (NOTE 1)	20/1	61	Α	62							
2	10		DIMMING CONTROL PANEL	20/3	63	В	64							
2	10	1500			65	С	66							
2	10	1500		<b>-</b>	67	Α	68	+	+					
			SPACE ONLY		69	В	70		SPACE ONLY					
					71	С	72							
					73	Α	74							
					75	В	76							
					77	С	78							
					79	Α	80							
					81	В	82							
					83	С	84		+					
	SUB-PNL		RECEP. EQUIP. MOTORS EL. HEAT	PHASE		F.T.L.		PHASE	CONN.KVA LOAD FA			S. AMP		
	0	15509	0 1500 0	0 A				A		@125%;(LG. MOTOR.=N/A)		58		
	0	18591	0 1500 0	0 B				В	20.09 (SUB-PA			69		
	0	16424.8	0 1500 0	0 C				С	17.92 (EQUIP.@	0100%;(MOTOR.=N/A);		61		
	0	50525	0 4500 0	0 TOTAL				TOTAL	55.02 (RCPTS=			188		
									GRAND T	OTAL	67.66 18	37.8		

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$1 \vee \bigcirc 1$	

1. CONTRACTOR SHALL PROVIDE A PERMANENTLY AFFIXED LABEL SHALL BE APPLIED WITH THE FAULT CURRENT AT TIME OF INSTALLATION AND CALCULATION. THE LABEL SHALL BE 2"X3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND.

NOTES: 1- CONTROLLED BY A 20A, MECH. HELD LIGHTING CONTACTORS WHICH IS CONTROLLED BY A 7-DAY, N-1 TIME CLOCK WITH 4 HRS



JCER DESIGN CONSULTANTS LLC NEW YORK 325 GOLD STREET, STE 604 BROOKLYN, NY 11201

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MORPHEUS GROUP

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# COURTYARD® \*\*Marriott®

06.19.202
06 10 20
100.19.20.

PROJECT NAME

COURTYARD INN, LAKE CITY, FL.

DRAWING NAME

ELEC. PANELS SCHEDULE

www.
SEAL+SIGNATU

DATE 06.19.2023

PROJECT NUMBER 17.282

DRAWING NUMBER

E7.1

E NUMBER R Design Consultants 20

DJECTN	IUMBER:		17282	CANADAD .						$\sim$	/1\					
NEL:			LF3 (FED FROM LDF	21)		A.I.C RAT	ING:			30 KA						
TAGE:			120/208V, 3PH, 4W			BUS:	300 AMP			MAINS:	300 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1				COPPER		`		M.C.B	LOCATION:	ELEC-1ST FLOOR			
ES:			0=LIGHTS 1=RECEP	2=EQUIP 3=A/C 4=HTG	5 5=125% LGST MTR 6=K	TCHEN 7=	PREVIOUSL	YCALCUL	ATED							
DDE	WIRE	LOAD	CIRCUIT DESCRIPTION	NC		BKR	CKT	PH	CKT	BKR	CIRCUIT DESC	RIPTION		LOAD	WIRE	COD
1	12	540	RCPTS - VESTIBULE	AREA		20/1	1	Α	2	20/1	RCPTS - LOUN	GE AREA		1080	12	1
2	12	1500	DOOR MOTOR			20/1	3	В	4	20/1	RCPTS - LOUN	GE/OUT DOOR AREA		1260	12	1
2	12	1500	DOOR MOTOR			20/1	5	С	6	20/1	RCPTS - MEDI	A AREA		1800	12	1
1	12	1260	RCPTS - RECEPTION	/LOUNGE AREA		20/1	7	Α	8	20/1	(551) - VENDIN	G		1656	12	2
1	12	720	RCPTS - FOOD PREF	PAREA		20/1	9	В	10	20/1	IG RCPTS - EN	GINEER RM		720	12	1
1	12	1440	FLOOR RCPTS - CON	MMUNITY TABLE AREA	ě	20/1	11	С	12	20/1	RCPTS - ENGIN	NEER RM AREA		1080	12	1
1	12	1620	RCPTS -ELEC. RM A	REA		20/1	13	Α	14	20/2	RCPTS - FITNE	SS RM FOR MAINTENACE		1000	12	3
1	12	1260	RCPTS - MECH. RM /	AREA		20/1	15	В	16	<b>+</b>	1			1000	12	3
1	12	1080	RCPTS - CORRIDOR	AREA		20/1	17	С	18	20/2	RCPTS - FITNE	SS RM FOR MAINTENACE		1000	12	3
2	10	2000	ELECTRIC HAND DR	YER - REST. RM AREA		25/1	19	Α	20	. ↓	↓			1000	12	3
2	10	2000	ELECTRIC HAND DR	YER - REST. RM AREA		25/1	21	В	22	20/1	RCPTS - FITNE	SS RM AREA		900	12	1
2	12	1500	RCPTS - MEETING R	MAREA		20/1	23	С	24	20/1	RCPTS - FITNE	SS RM AREA		1080	12	1
2	12	1500	RCPTS - MEETING R	MAREA		20/1	25	Α	26	30/1	FLOOR RCPTS	S - FITNESS RM AREA		2000	10	2
1	12	1620	RCPTS - MEETING R	MAREA		20/1	27	В	28	30/1	FLOOR RCPTS	S - FITNESS RM AREA		2000	10	2
1	12	1440	FLOOR RCPTS - MEE	ETING RM AREA		20/1	29	С	30	30/1	FLOOR RCPTS	- FITNESS RM AREA		2000	10	2
1	12	1080	RCPTS - LIBRARYAF	REA		20/1	31	Α	32	30/1	FLOOR RCPTS	S - FITNESS RM AREA		2000	10	2
1	12	720	FLOOR RCPTS - LIBE	RARYAREA		20/1	33	В	34	30/1	FLOOR RCPTS	S - FITNESS RM AREA		2000	10	2
1	12	720	RCPTS - EMP. BREA	K ROOM AREA		20/1	35	С	36	30/1	FLOOR RCPTS	S - FITNESS RM AREA		2000	10	2
2	12	1500	REF - EMP. BREAK F	ROOM AREA		20/1	37	Α	38	30/1	FLOOR RCPTS	S - FITNESS RM AREA		2000	10	2
2	12	1500	MICROWAVE - EMP.	BREAK ROOM AREA		20/1	39	В	40	20/1	RCPTS - CORF	RIDORAREA		1260	12	1
2	12	2000	DISH WASHER - EMP	BREAK ROOM AREA	X .	30/1	41	С	42	20/1	RCPTS - CORF	RIDOR AREA		900	12	1
1	12	900	RCPTS - LAUNDRY R	RMAREA		20/1	43	Α	44	30/3	WASHER		(GFCIBREAKER)	2000	10	5
		8000000	SPARE	AC 11.00000 1000		20/1	45	В	46	1			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2000	T T	5
							47	С	48		1			2000	<b>+</b>	5
							49	Α	50	30/3	WASHER		(GFCIBREAKER)	2000	10	2
							51	В	52					2000		2
							53	С	54	l l	V.			2000	<b>.</b>	2
							55	Α	56	30/3	WASHER		(GFCIBREAKER)	2000	10	2
							57	В	58				,	2000	1	2
							59	С	60	1	1			2000	Ţ	2
							61	A	62	20/2	DRYER (GAS	HEAT	(GFCIBREAKER)	5750 A 1575 A 15	12	2
							63	В	64	I		Name and Associated Section 1997	,	750	1	2
							65	c	66	20/2	DRYER (GAS	HEAT)	(GFCIBREAKER)	750	12	2
							67	A	68	Ī	1		,	750	Ţ	2
							69	В	70	20/2	DRYER (GAS	HEAT)	(GFCIBREAKER)		12	2
							71	C	72	1	1	,	,	750	Ī	2
			SPACE ONLY			1 -	73	Α	74		SPACE ONLY			10000	10.00	
							75	В	76							
							77	c	78							
							79	Α	80							
							81	В	82							
			+				83	c	84		<b> </b>					
	SUB-PNL	LIGHTS	RECEP. EQUIP.	MOTORS	EL. HEAT	PHASE	_	F.T.L.	-	PHASE	CONN.KVA LO	DAD FACTORS	DES, KVA	DES. AMP	f.	
	0	0	6480 18156	4500	All the state of the latter of	) A		1 -1 -1-		A		IGHTING=N/A);LG. MOTOR.@125%	27.56			
	0	0		3500		1			-	В						
	(50)	125.0								- <del>1</del> 74		UB-PANEL=N/A)	23,90	72.77		
	0	0	9540 14500	3500		С С				С	27.54 EC	QUIP.@100%; MOTOR.@100%;	24.44			
	0	0	24480 47156	11500		TOTAL				TOTAL		CPTSFIRST 10kW+50%@ REMAIN	75.90			
											G	RAND TOTAL	75.90	210.7		

NOTES:	(1) FIELD VERIFY BREAKER SIZES, CABLE SIZES, ETC WITH LAUNDRY SUPPLIER PRIOR TO INSTALLATION	

PROJECTI				RD LAKE C	CITY							Δ					
ROJECT	IUMBER:		17282								$\sim$	<b>Z</b> 1 <b>\</b>					
ANEL:				FROM LDP	21)		A.I.C RATI				30 KA						
OLTAGE:			120/208V,	3PH, 4W			BUS:	500 AMP		/	MAINS:	500 AMP		SURFACE MOUNTED			
			NEMA-1					COPPER			$\sim$	M.C.B	LOCATION:	ELEC-1ST FLOOR			
ODES:						G 5=125% LGST MTR 6=K											-
CODE	WIRE	LOAD		ESCRIPTIO	ON		BKR	CKT	PH	CKT	BKR	CIRCUIT DE			LOAD	WIRE	COL
4	8	2880	AHU-1.1				40/2	1	Α	2	30/3	BOOSTER F	PUMP		2000	10	2
4	+	2880	+				+	3	В	4					2000		2
5	6	3848	ACCU-1.1				60/2	5	С	6	+		Antestación (		2000		2
5	+	3848	+				+	7	Α	8	30/3	BOOSTER F	PUMP		2000		2
4	.8	2880	AHU-1.2				40/2	9	В	10					2000		2
4	+	2880	+				<b>+</b>	11	С	12		+			2000		2
3	6	3848	ACCU-1.2				60/2	13	Α	14	20/1	The second secon	R GAS WATER HEATER		1000	12	2
3	+	3848	<b>+</b>				<b>+</b>	15	В	16	20/1		R GAS WATER HEATER		1000	12	2
4	8	2880	AHU-1.3				40/2	17	С	18	20/1	CIR. PUMP			1500	12	2
4	+	2880	+				<b>+</b>	19	Α	20	20/1	CIR. PUMP			1500	12	2
3	6	3848	ACCU-1.3				60/2	21	В	22	20/1	SP-1			1500	12	2
3	+	3848	+				+	23	С	24	20/1	SP-2			1500	12	2
4	10	1440	AHU-1.4				25/2	25	Α	26	20/1	EF-2			200	12	2
4	+	1440	+				+	27	В	28	20/1	EF-3			200	12	2
3	10	1560	ACCU-1.4				25/2	29	С	30	20/1	EF-4			200	12	2
3	+	1560	<b>+</b>				<b>+</b>	31	Α	32	20/1	EF-11			200	12	2
4	8	2880	AHU-1.5				40/2	33	В	34	20/2	FCU-1			69	12	3
4		2880	<b>↓</b>				+	35	С	36	<b>+</b>	1			69	<b>+</b>	3
3	6	3848	ACCU-1.5				60/2	37	Α	38	30/2	CU-1			1789	10	3
3	+	3848	₩				<b>+</b>	39	В	40	+	₩			1789	+	3
4	8	2880	AHU-1.6				40/2	41	C	42	20/1	FIRE SMOK	E DAMPER		200	12	2
4	+	2880	+				<b>+</b>	43	Α	44	20/1	SPARE					
3	6	3848	ACCU-1.6				60/2	45	В	46							
3	+	3848	+				+	47	С	48							
4	8	2880	AHU-1.7				40/2	49	Α	50							
4	+	2880	+				+	51	В	52							
3	6	3848	ACCU-1.7				60/2	53	С	54							
3	+	3848	<b>+</b>				+	55	Α	56							
4	10	1800	AHU-1.8				30/2	57	В	58							
4	+	1800	<b>.</b> ↓				<b>+</b>	59	С	60							
3	8	2912	ACCU-1.8				45/2	61	Α	62							
3	+	2912	<b>+</b>				<b>+</b>	63	В	64							
4	10	1440	AHU-1.9				25/2	65	С	66	<b>+</b>	<b>+</b>			ji ji		
4	+	1440	+				<b>+</b>	67	Α	68		SPACE ONL	LY				
3	10	1560	ACCU-1.9				25/2	69	В	70		3 2					
3	+	1560	<b>+</b>				+	71	С	72							
4	8	2880	AHU-1.10				40/2	73	Α	74							
4	+	2880	<b>+</b>				+	75	В	76							
3	6	3848	ACCU-1.1	0			60/2	77	С	78							
3	+	3848	+				₩.	79	Α	80							
			SPACE OF	NLY			-80	81	В	82							
			+					83	С	84		<b>+</b>					
	SUB-PNL	LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.		PHASE	CONN KVA	LOAD FACTORS	DES. KVA	DES. AMP		
	0	0	0		26463	1296	Α (				А		(LIGHTING=N/A);LG. MOTOR.@125%	46.32	129		
	0	0	0		21722	1188					В		(SUB-PANEL=N/A)	40.30	112		
	0	0	0	7400	23391	1908	-				C		(EQUIP.@100%; MOTOR.@100%;	49.87	138		
	0	0	0	350000000000000000000000000000000000000	71576	1000000	TOTAL				TOTAL		(RCPTS=N/A)	136.50	379		
	U	U	U	21000	11310	4392	IOIAL				TOTAL	130.30	(NOT 10-N/A)	136.50	378.9		

OJECT			COURTYAI	RD LAKE	CITY							$\Lambda$					
NEL:	NUMBER:		17282 EP (FED F	ROMIDE	21)		A.I.C RAT	ING:			30 KA	<del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>					
LTAGE			120/208V,		1)		BUS:	350 AMP	9	<del>\</del>	MAINS:	350 AMP	MOUNTING:	SURFACE MOUNTED			+
LINGL			NEMA-1	OI 11, TVV			500.	COPPER		_ \	WITHO.	M.C.B	LOCATION:	ELEC-1ST FLOOR			
DES:				1=RECEE	2=FOUIP 3=A/C 4=HT	G 5=125% LGST MTR 6=K	TCHEN 7=			ATED		WI.O.D	ECONTION.	ELLO IOI I LOOK			1
CODE	WIRE	LOAD	CIRCUIT D			0 0 120 10 200 1 11111 0 11	BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTI	ON		LOAD	WIRE	CO
2	12	1500	TEL BOAR				20/1	1	A	2	100/3	LIFT MOTOR (SHUN			6667	1	1
2	12	1500					20/1	3	В	4					6667	i i	2
2	12	1500	1				20/1	5	C	6	1				6667		
2	12		SEC BOAF	SD			20/1	7	A	8	100/3	LIFT MOTOR (SHUN	TRIP BREAKER)		6667	1	
2	12	1500	Ī	-			20/1	9	В	10					6667	i i	1 0
2	12	1500					20/1	11	C	12	1	1 1			6667	1	
2	12	1500	TV BOARD	)			20/1	13	A	14	20/1	(11) - WALK IN COOL	ER		240	12	- 8
2	12	1500	1				20/1	15	В	16	20/1		OLER EVAPORATOR		240	12	
2	12	1500	- L				20/1	17	C	18	20/2	(12) - WALK IN COOL			613	12	
2	12		RCPTS - F	ACP			20/1	19	A	20	<b>1</b>	1 1			613	Ī	
2	12		ELEVATOR				20/1	21	В	22	20/1	(14) - WALK-IN FREE	7FR		240	12	
2	12		ELEVATOR				20/1	23	C	24	20/2		EZER EVAPORATOR		593	12	1
1	12	100100000000000000000000000000000000000	IG RCPTS		TION AREA		20/1	25	A	26	¥	1			593	ī	
2	12		SPARE FO				20/1	27	В	28	20/2	(15) - WALK IN FREE	ZER CONDENSER		1123	12	3
1	12				ECEPTION AREA		20/1	29	C	30	₩	T AMERICAN INTINEE	LL. CONDENOLIC		1123	- i	
2	12		IG RCPTS				20/1	31	A	32	30/2	(109)- COFFEE AIR	POT BREWER - STARBUCKS	16	2300	10	
1	12		IG RCPTS				20/1	33	В	34	1	1	OT BREWER STARBOOKS		2300	ĭ	
1	12	2001000000	IG RCPTS				20/1	35	C	36	30/2	(204) - ESPRESSO I	INIT WITH WATER FILTER		2300	10	
1	12		IG RCPTS				20/1	37	A	38	30/2	(204) - ESPINESSO (	MIN WITH WATER FILTER		2300	i	3
1	12		RCPTS - W				20/1	39	В	40	20/1	WASHER (GUEST I	ALINDRY		1800	12	
1	12	0.000	RCPTS - O					41	C		2.07	DRYER (GUEST LA			100000000000000000000000000000000000000	10	
2	12	900					20/1	43		42 44	30/2	T (GUEST LA	JNDR1)		2500	10	
2	12	1000	KEF-1	(	NOTE 1) & (NOTE 3)		20/3		A	10.000		CDA DE			2500	*	
2		1000						45	В	46	20/1	SPARE					-
2	42	1000	▼ KEF-2		NOTE 4) 9 (NOTE 2)		20/4	47 49	C	48							
2	12		SF-1		NOTE 1) & (NOTE 3)		20/1		A	50							+
2	12	500	SF-1	- (	NOTE 2) & (NOTE 3)		20/3	51	В	52	-						
2		500 500						53	C	54 56							
2	40		(CO4) DEF	-/-DZ .M	DIVETABLA		20/4	55 57	A	58	-						
2	12	900	and the second second second second		ARKET AREA		20/1		В	179700							
2	12	1872	(630) - REF				20/1	59	C	60	-						
2	12	1500		COVVAVE	OVEN - MARKET AREA		20/1	61	A	62							
			SPARE				20/1	63	В	64							-
			900					65	C	66							-
			SPACE ON	II V			1	67	A	68	+	SPACE ONLY					
			SPACE OF	NL T			+	69	B C	70		SPACE UNLY					-
							-	71		72	54						
							-	73	A	74							+
								75	В	76 78							
							1	77	C	7.0							
							-	79	A	80							-
			-L				-	81 83	B	82 84							
	SUB-PNL	LIGHTS	RECEP.	FOLUD	MOTORS	EL. HEAT	PHASE		F.T.L.	54	DUACE	CONN.KVA LOAD F	ACTORS	DES. KVA	DES. AMP		+
	100					CL. NEAT	-	-	F.I.L.		-				COMPANIES CONTRACTOR		
	0	0	1800		0		0 A				A		NG=N/A);(LG. MOTOR.=N/A)	34.51			
	0	0	2340		0		0 B				В	30.78 (SUB-P		30.78	100000		-
	0	0	3240		0		) C				С		@100%;( MOTOR.=N/A);	33.07			
	0	0	7380	90983	0		TOTAL				TOTAL	98.36 RCPTS	@100% (LESS THAN 10KW)	98.36	273		
												GRAND	TOTAL	98.36	273.0		
	NOTES:	1. KITCHE	N EXHAUS	T FAN SH	ALL BE AUTOMATIC R	UN WHEN THE FIRE OCC	URS (CONT	FROLLED V	IA SIGNAL	FROM FAC	CP)	100000000000000000000000000000000000000					
						F WHEN THE FIRE OCCU											
		OUI 1 L	- MINITURE		7.010M7170 01101 01	LI IIIL OOOO	TO LO CHAIL	ALLEY AL	, SIGNAL I	. JOIN I MO	. /						

PROJECT			COURTYARD LAKE	СПУ							A					
ROJECT	NUMBER:		17282								/1\					
PANEL:			KP (FED FROM LDP	21)		A.I.C RATI				30 KA	<u> </u>					
OLTAGE:			120/208V, 3PH, 4W			BUS:	200 AMP			MAINS:	200 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA -1				COPPER				M.C.B	LOCATION:	ELECT. RM - 1ST FLOO	OR		
CODES:					TG 5=125% LGST MTR	6=KITCHEN 7=F	THE ASSESSMENT OF THE PARTY OF	LYCALCUL	ATED							
CODE	WIRE	LOAD	CIRCUIT DESCRIPTION	ON		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTIO	N		LOAD	WIRE	CODE
2	12	1342	(228) - GLASS WASH	HER		20/2	1	Α	2	20/1	(47) - SANDWICH REF	RIGERATOR		1032	12	2
2	+	1342	<b>+</b>			<b>+</b>	3	В	4	20/2	(111) - MICROWAVE (	OVEN		850	12	2
1	12	1500	RCPTS - KITCHEN A	REA		20/1	5	С	6	+	<b>+</b>			850	Į.	2
1	12	540	RCPTS - KITCHEN A	REA		20/1	7	Α	8	20/1	(117) -TOASTER			1600	12	2
1	12	900	RCPTS - KITCHEN A	REA		20/1	9	В	10	20/1	(101) - ICE MAKER W.	BIN		1656	12	2
2	12	1056	(57) - REFRIGERATO	R - EQUIPMENT STA	AND	20/1	11	С	12	20/1	(130) -TICKET PRINTE	R		200	12	2
2	12	800	(71) - EXHAUST HOC	OD		20/1	13	Α	14	20/1	(130) -TICKET PRINTE	R		200	12	2
2	12	600	(82) - GAS FRYER W	/SIDE SPLASH		20/1	15	В	16	20/1	(131) -POS TERMINAL			200	12	2
2	12	876	(113) - FRYER DUMP	STATION		20/1	17	С	18	20/1	(202A) - BACK BAR R	EFRIGERATOR		756	12	2
2	10	1667	(35) - DISHWASHER			30/3	19	Α	20	20/1	(219A) -REFRIGERAT	ED SELF-SERVICE CASE		1920	12	2
2		1667					21	В	22	20/1	(205) - UNDERCOUNT	ER REFRIGERATOR		300	12	2
2	1	1667					23	С	24	20/1	(225) - BLENDER			1662	12	2
2	10	2833	(35.1) - BOOSTER			30/3	25	Α	26	20/1	(206) - SANDWICH RE	FRIGERATOR		936	12	2
2		2833					27	В	28	20/1	(208) - COUNTER FOO			1700	12	2
2		2833					29	С	30	20/1	(209) - COUNTERTOP			800	12	2
2	10	2748	(34) - DISPOSER			30/1	31	Α	32	30/2	(220) - COUNTER OVE			2300	10	2
2	12	996	(56) - FREEZER WOR	RKTOP		20/1	33	В	34	Į.	1,-1,	1		2300	1	2
325.02	12.50-32	25,5050	SPARE			20/1	35	C	36	20/1	SPARE			(C)	1990	
						T I	37	Α	38	i	11111					
							39	В	40							
			<b>1</b>				41	C	42							
	SUB-PNL	LIGHTS	RECEP. EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.		PHASE	CONN.KVA LOAD FA	CTORS	DES. KVA	DES. AMP		
	0	0	540 17378	0		0 A				Α	17.92 (LIGHTIN	G=N/A);(LG. MOTOR.=N/A)	17.92	50		
	0	0	900 14444	0		0 B				В	15.34 (SUB-PA	NEL=N/A)	15.34	43		
	0	0	1500 10700	0		0 C				С		100% ;( MOTOR.=N/A);	12.20	34		
	0	0	2940 42522	0		0 TOTAL				TOTAL		100% (LESS THAN 10KW)	45.46	126		
				***							GRAND	TOTAL	45.46	126.2		

NOTES: 1. CONTRACTOR SHALL VERIFY HP'S, BREAKER SIZES, CABLE SIZES, ETC WITH KITCHEN SUPPLIER PRIOR TO INSTALLATION

PROJECT			COURTY	ARD LAKE	CITY												
	NUMBER:		17282											,			
PANEL:			SP (FED	FROM LD	P1)		A.I.C RATI	NG:			22 KA						
/OLTAGE:			120/208V	, 3PH, 4W	. 15		BUS:	100 AMP			MAINS:	100 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1					COPPER	!			M.C.B	LOCATION:	POOL EQUIP. RM			
CODES:			0=LIGHTS	1=RECE	P 2=EQUIP 3=A/C 4=H	TG 5=125% LGST MTR	6=KITCHEN 7=P	REVIOUS	LYCALCUL	ATED							
CODE	WIRE	LOAD	CIRCUIT	DESCRIPT	TION		BKR	CKT	PH	CKT	BKR	CIRCUIT DI	ESCRIPTION		LOAD	WIRE	CODE
1	12	900	RCPTS -	POOLEQ	UIP. (2)	(2)	20/1	1	Α	2	20/1	LTS - POO	L EQUIPMENT RM	(2)	200	12	0
2	12	1800	POOL PU	MP	100	(2)	25/2	3	В	4	20/1	LTS -OUTD	OOR POOL	(1), (2)	1000	12	0
2	12	1800	+			(2)	1	5	С	6	20/2	HOT TUB F	PUMP	(2)	1500	12	2
2	12	200	EF-12			(2)	20/1	7	Α	8	+	+		(2)	1500	12	2
			SPACE C	NLY		-1		9	В	10		SPACE ON	ILY	4.30			7000
			1					11	С	12							
								13	Α	14							
			+					15	В	16	Į.	+					
	SUB-PNL	LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.		PHASE	CONN.KVA	A LOAD FACTORS	DES. KVA	DES. AMP		
	0	200	900	1700	0		0 A				A	2.8	0 LIGHTING@125%;(LG. MOTOR.=N/A)	2.85	8		
	0	1000	(	1800	0		0 B				В	2.8	0 (SUB-PANEL=N/A)	3.05	8		
	0	0	(	3300	0		0 C				C	3.3	0 EQUIP.@100%;( MOTOR.=N/A);	3.30	9		
	0	1200	900	6800	0		0 TOTAL				TOTAL		0 RCPTS@100% (LESS THAN 10KW)	9.20	26		
													GRAND TOTAL	9.20	25.5		
	NOTEO.	741	CONTR	OLLED	DVA OOA OD TIM	F OL OOK WITH A H	DOATTEDIE	_									

NOTES: (1) CONTROLLED BY A 20A, 2P, TIME CLOCK WITH 4 HR BATTERIES

(2) GFI BREAKER

2- SWBD IS NOT TO EXCEED 6'-0" WIDE

PROJECT N			COURTYARD LAKE CITY 17282												
PANEL:	TOTAL C.		LDP1 (FED FROM STEP DOWN TRANS	S T1)	A.LC RAT	NG:			30 KA						
VOLTAGE:			120/208V, 3PH, 4W		BUS:	1600 AMP			MAINS:	1600 AMP	MOUNTING:	SURFACE MOUNTED			
CODES:			NEMA-1 0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=	UTC 5-4350/ LCCT MTD 8-VII	CHEN 7-	COPPER	VCALCIII	ATED	_	M.C.B	LOCATION:	ELECT. RM - 1ST FLOC	K		-
CODE	WARE	LOAD	CIRCUIT DESCRIPTION	-HIG 5- 125% LGS   WITK 6-KII	BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIP	TION		LOAD	WIRE	COD
	400 (AL)	21060	PANEL LE1	(2ND FLOOR)	250/3	1	Δ	2	100000000000000000000000000000000000000	PANEL LF3	11014	(1ST FLOOR)	25299	500 (AL)	
2	( 100 (/12)	21060	I MALE LE I	(ZIND I ZOON)	230/3	3	В	4	300,3	TANLLE	-	(1611 Econy	25299	300 (1.2)	2
2	<i>&gt;</i> 1	21060	1 1			5	C	6	<u> </u>				25299		2
2	250 (AL)	19953	PANEL LE2	(2ND FLOOR)	200/3	7	Δ	8	500/3	PANEL LF4		(1ST FLOOR)		2-400 (AL)	2
2	200 (/12)	19953	T AMEL LEZ	(ZNB i Zoon)	1	9	В	10	I	1744-1-1		(101120014)	45499	) 100 (NE)	2
2	\ <b>\</b> \	19953			5940	11	C	12	1				45499		2
2	2/0 (AL)	8860	PANEL LF1	(1STFLOOR)	125/3	13	A	14	350/3	PANEL EP		(1ST FLOOR)	32788	2-4/0 (AL)	) 2
2	> 1 <	8860		(10.1.200.9)	I	15	В	16	I			(10112014)	32788	(	2
2	$( \downarrow )$	8860	<b>1</b>			17	c	18	<b>.</b>				32788	( L	2
2	400 (AL)	22552	PANEL LF2	(1STFLOOR)	250/3	19	A	20	200/3	PANEL KP		(1ST FLOOR)	15154	250 (AL)	2
2		22552		,		21	В	22		T		(/=:	15154		2
2	$( \downarrow )$	22552	4		Į.	23	C	24					15154	}	2
2	10/1		SURGE PROTECTIVE DEVICE IN THIS I	PANEL	30/3	25	Α	26	100/3	PANEL SP		(1ST FLOOR)	3067	1/0 (AL)	2
2						27	В	28					3067	) i	2
2					1	29	С	30					3067	( + .	2
			SPACE ONLY			31	Α	32	30/3	SPACE ONLY					N .
						33	В	34							4
			+			35	C	36							

PROJECT	NAME:		COURTYARD LAKE CITY													
ROJECT	NUMBER:		17282													
PANEL:			LDP2 (FED FROM STEP DOWN TR	(ANS T2)	A.I.C RAT	TING:			30 KA							
OLTAGE:			120/208V, 3PH, 4W		BUS:	600 AMP			MAINS:	600 AMP	MOUNTING:	SURFACE MOUNTED				
			NEMA-1			COPPER				M.C.B	LOCATION:	ELECT. RM - 2ND FLO	OR			
CODES:			0=LIGHTS 1=RECEP 2=EQUIP 3=A	C 4=HTG 5=125% LGST MTR 6=KIT	CHEN 7=	PREVIOUSL	YCALCUL	ATED								
CODE	WIRE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT	BKR	CIRCUITDESCRIP	PTION		LOAD	WE	JE_	CODE
2	400 (AL)	21060	PANEL LC1	(4TH FLOOR)	250/3	1	Α	2	250/3	PANEL LD1		(3RD FLOOR)	21060	400 (	(AL)	2
2 (	\ \ \	21060				3	В	4					21060			2
2 (	• •	21060			+	5	С	6	+				21060			2
2	250 (AL) <	19440	PANEL LC2	(4TH FLOOR)	200/3	7	Α	8	200/3	PANEL LD2		(3RD FLOOR)	19440	250 (	(AL)	2
2 >		19440			ľ	9	В	10					19440			2
2		19440	8.00		+	11	C	12	<b>+</b>	2.4			19440	1	1	2
	<u> </u>	\	SPACE ONLY			13	Α	14	30/3	SURGE PROTECT	IVE DEVICE IN THIS PANEL			11	) <u>/</u> 1	2
						15	В	16								2
			1 4			17	C	18	142	100				1 89		2

PROJECT	NAME:		COURTYARD LAKE CITY												
ROJECT	NUMBER:		17282												
PANEL:			LDP3 (FED FROM STEP DOV	VN TRANS T3)	A.I.C RA	TING:			30 KA						
OLTAGE:			120/208V, 3PH, 4W	40	BUS:	600 AMP			MAINS:	600 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1			COPPER				M.C.B	LOCATION:	ELECT. RM - 2ND FLO	OR		
CODES:			0=LIGHTS 1=RECEP 2=EQUIP	3=A/C 4=HTG 5=125% LGST MTR 6=KIT	CHEN 7=	PREVIOUSL'	YCALCUL	ATED						1	
CODE	VWKE \	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCR	IPTION		LOAD	WIRE	CODE
2 /	400 (AL)	21627	PANEL LA1	(6TH FLOOR)	250/3	1	Α	2	250/3	PANEL LB1		(5TH FLOOR)	21060	400 (AL)	2
2		21627				3	В	4					21060		2
2 (	. ↓ <	21627	<b>+</b>		+	5	C	6		+			21060	+	2
2	400 (AL)	21027	PANEL LA2	(6TH FLOOR)	250/3	7	Α	8	200/3	PANEL LB2		(5TH FLOOR)	21060	250 (AL)	2
2	1	21027				9	В	10					21060	1 '	2
2 (	<b>→</b> ./	21027	+			11	С	12	+	•			21060	<b>.</b>	2
4			SPACE ONLY			13	Α	14	30/3	SURGE PROTEC	TIVE DEVICE IN THIS PANEL			10/1	2
						15	В	16							2
			1			17	С	18	1	84				1	2

CIL	NAME: NUMBER:		COURTYARD LAKE CITY 17282												
:	VOIVIDEIX.		MDP		A.I.C RAT	ING:			65 KA						
GE:			120/208V, 3PH, 4W		BUS:	1200 AMP			MAINS:	1200 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1			COPPER				M.C.B	LOCATION:	ELECT. RM - 1ST FLOO	DR .		
3:			0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=12	5% LGST MTR 6=KIT	CHEN 7=	PREVIOUSL	YCALCUL	ATED							
E	WIRE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT		CIRCUIT DESCRIP	PTION		LOAD	WIRE	COD
	3-400 (AL)	166667	STEP DOWN TRANSFORMER (T1)	(1STFLOOR)	800/3	1	Α	2	125/3	MAU-1		(ROOF)	33254	2/0 (AL)	2
$(\Box$		166667				3	В	4					33254		) 2
$\geq 1$	+ \	166667			_ <b>+</b>	5	С	6	<b>+</b>	•			33254	\ .*	2
	2-250 (AL)	75000	STEP DOWN TRANSFORMER (T2)	(3RD FLOOR)	400/3	7	Α	8	30/3	SURGE PROTECT	IVE DEVICE IN "MDP"			10/	2
		75000				9	В	10							<b>\</b> 2
$\geq 1$	* * * * * * * * * * * * * * * * * * *	75000	TES DOWN TO MISSORMED (TO)	/ETH EL 00E)	400.00	11	С	12	*	ODA OF ONLY				*	2
\	2-250 (AL)	75000 75000	STEP DOWN TRANSFORMER (T3)	(5TH FLOOR)	400/3	13 15	A B	14 16		SPACE ONLY					
$\geq 1$	-1	75000			7.0	17	C	18	-						
$\setminus$		75000	SPACE ONLY			19	Δ	20							
٦	<b>71</b> \		JI AGE GIVET			21	B	22							
		4				23	C	24		<b>+</b>				1	
			CHBOARD IS "FULLY" RATED TO INCLUDE D IS NOT TO EXCEED 6'-0" WIDE	DE 100K AIC BRE	AKER										
		2 000	ONE-LINE DIAGRAM FOR COMPLETE FE	EDED CIZEC											
		3-300	SIZE EINE BINGS WIM FOR GOME EETEY C	EDER SIZES											
			O VERIFY HP PRIOR TO INSTALLING BRK		RE, ETC										
		4- FIELD		R, CONDUIT,WIF			ER CEC	230.95							
		4- FIELE 5- SWIT	O VERIFY HP PRIOR TO INSTALLING BRK	R, CONDUIT,WIF	ROTECT	TION AS P			7						

NO	T [	_: _:

1. CONTRACTOR SHALL PROVIDE A PERMANENTLY AFFIXED LABEL SHALL BE APPLIED WITH THE FAULT CURRENT AT TIME OF INSTALLATION AND CALCULATION. THE LABEL SHALL BE 2"X3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND.



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REVISI	ONS	
1	PER RFI #66	06.19.20
	<del> </del>	

PROJECT NAME

COURTYARD INN, LAKE CITY, FL.

DRAWING NAME

ELEC. PANELS SCHEDULE

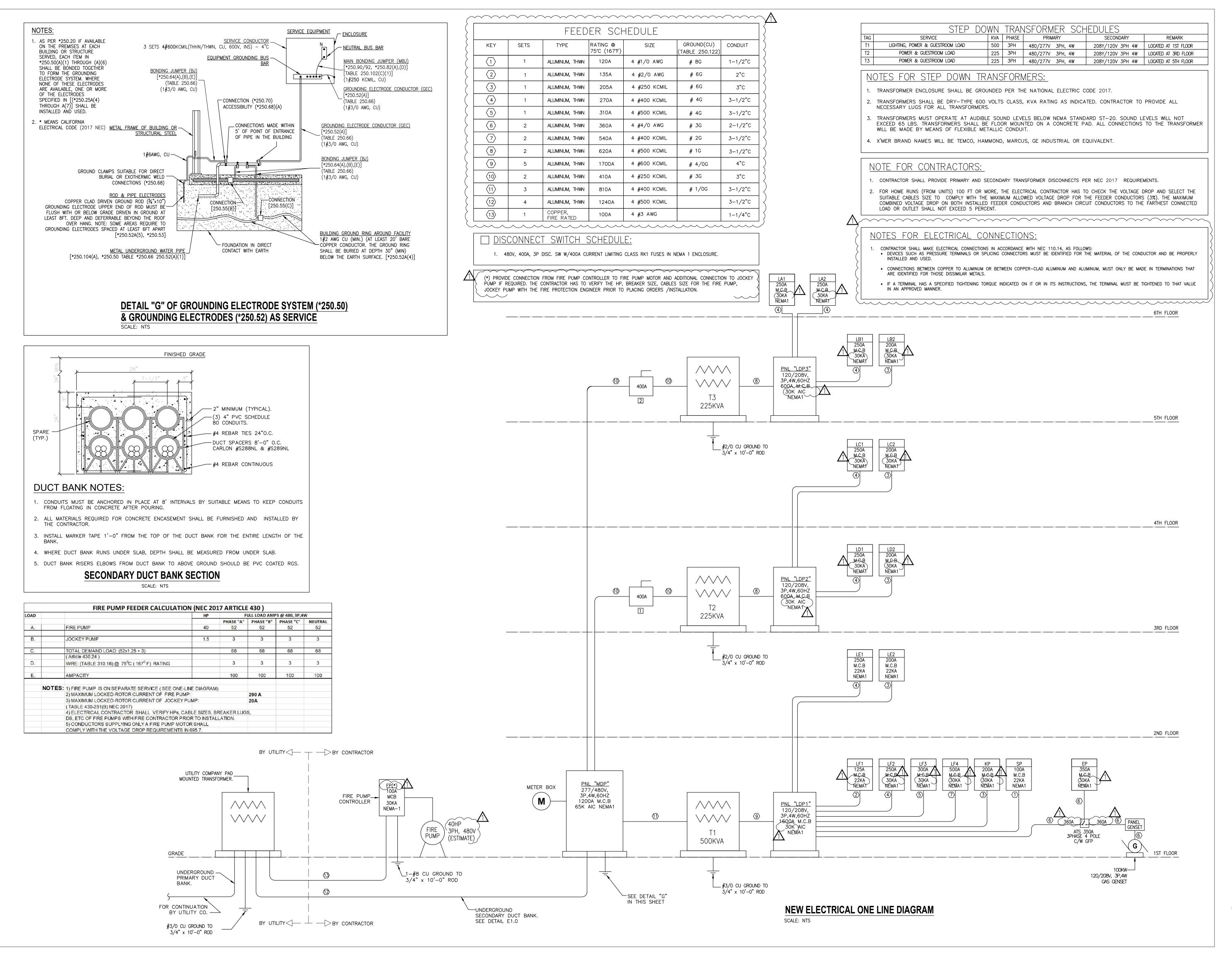
DATE 06.19.2023

PROJECT NUMBER 17.282

DRAWING NUMBER

E7.2

E NUMBER





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1	PER RFI #66	06.19.2023
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PROJECT NAME

COURTYARD INN, LAKE CITY, FL.

DRAWING NAME

ELEC. LOAD ANALYSIS & ONE LINE DIAGRAM

SEAL+SIGNATURE

SEAL+SIGNATURE

No. 83005

TATE OF

DATE 06.19.2023

PROJECT NUMBER 17.282

DRAWING NUMBER

DECOR: CYnergy

PAGE NUMBER

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		LOAD	KW		AMPS @ 480/2	77V, 3P,4W	
		LOAD	KWV	PHASE "A"	PHASE "B"	PHASE "C"	NEUTRAL
A.	LOAD:		v v	2			
	1.	MAU-1	99.76	120	120	120	
	2.	25% LARGEST MOTOR (MAU-1)	24.94	30	30	30	
В.		0 KVA STEPDOWN TRANSFORMER (T1) 480V/277V/3P,3W TO 208V/120V/3P/4W	473.35	569	569	569	288
C.		5 KVA STEPDOWN TRANSFORMER (T2) 480V/277V/3P,3W TO 208V/120V/3P/4W	193.02	232	232	232	105
D.		5 KVA STEPDOWN TRANSFORMER (T3) 480V/277V/3P,3W TO 208V/120V/3P/4W	197.77	238	238	238	111
F.		TOTAL DEMAND LOAD:	988.84	1,189	1,189	1,189	504
			/	~~~~		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	~~~
G.	WIRE: (1	TABLE 310.15(B)(16) @ 75°C (167°F) RATING	>	4-500KCMIL AL, THWN	4-500KCMIL AL, THWN	4-500KCMIL AL, THWN	4-500KCMIL AL, THWN
H.	AMPACITY			1,240	1,240	1,240	1,240
			`				
-	SERVICE CAPAC	CITY/MD D\ /A\	- 1	1.200	1.200	1.200	1,200

#### LOAD ANALYSIS FOR UTILITY TRANSFORMER

			1010	100.0		AMPS @ 208/1	20V, 3P,4W	
			LOAD	KW	PHASE "A"	PHASE "B"	PHASE "C"	NEUTRAL
	LOAD F	OR STEI	P DOWN TRANSFORMER (T1):					
A.		LIGHTIN	IG LOAD:					
	1.	Α.	EXTERIOR LIGHTS:			15.00		91550
	1.	Α.	(SIGNS, LIGHTS SITE,)	22.52	63	63	63	63
	7.5		INTERIOR LIGHTS:					
		B.	(LAUNDRY, CUPBOARD, FITNESS CENTER,					
	2.0	346	LOBBY, CORRIDORS, STAIRS,)	30.10	84	84	84	84
			TOTAL	52.62	146	146	146	146
	2	Α.	25% OF 1	13.16	37	37	37	37
	-							
В.			ROOMS UNIT LOADS FOR 1ST & 2ND FLOOR:					
1551	885	(Table 2	220.12 & 42)		5			8.
		1.	11,700 SF x 2W =23,400W - FIRST 20,000W @ 50%					
		The s	CONTROL OF	10.00	28	28	28	28
			REMAINING 3,400W @ 40%	1.36	4	4	4	4
		2.	VANITY RCPTS @ 180VA X 32 UNITS	5.76	16	16	16	16
		3.	A/C, COOLING NON-COINCIDENT LOAD HEAT	62.72	174	174	174	
		٥.	GREATER @ 1.96KW x 32 UNITS	02.72	174	174	174	
		4.	REFRIG/MICO WAVE UNIT 32 @ 1.00KW	32	89	89	89	89
GE:								
C.	-64		LOADS:	940040				01
	1. DRYER 3@1.5kW & 1@5 kW 2. WASHER 3@6KW & 1@1.8 kW		DRYER 3@1.5kW & 1@5 kW	9.5	26	26	26	
				19.8	55	55	55	15
		3.	VENDING/ICE MACHINE 2@1.5	3	12.5	12.5		25
		4.	GENERAL RCPTS 215@180VA FIRST 10,000W @ 100%	10	28	28	28	28
			REMAINING 28700 W @ 50%	14.4	40	40	40	40
		5.	SERVICES EQUIPMENT 59.2KW@0.65	38.48	107	107	107	107
		6.	MISCELLANEOUS (FIRE ALARM, DOOR MOTOR, TEL BOARD, ELEVATOR CONTROLLER					
			ETC.)	15	42	42	42	42
								11100000
D.		MECHA	NICAL LOADS:					
		1.	MECHANICAL FANS	6.45	18	18	18	18
		2.	AHU'S (HEATING)	119.3	331	331	331	1
		3.	PUMPS	26.1	72	72	72	72
		4.	ELEVATOR: 2@20HP	30	83	83	83	
		5.	25% LARGEST MOTOR (ELEVATOR)	3.75	10	10	10	
E.			TOTAL DEMAND LOAD:	473.4	1314	1,314	1,314	665
	-				F COOK ON (!)	V V V	F C001/01/11	F C001/01/
F.	WIRE: (1	ABLE 31	0.15(B)(16) @ 75 <sup>0</sup> C (167 <sup>0</sup> F) RATING	>	5-600KCMIL	5-600KCMIL	5-600KCMIL	5-600KCM
	2		* * * * * * * * * * * * * * * * * * *	$\longrightarrow$	AL, THWN	AL, THWN	AL, THWN	AL, THWN
G.	AMPAC	ПУ		$\rightarrow$	1,700	1,700	1,700	1,700
J.	AWPAC	I ISINS			1,700	1,700	1,700	1,700
Н.	SERVIC	ECAPA	CITY (LDP1) (A)		1,600	1,600	1,600	1,600
.4.00	0211110	_ = 0.0.70			1,000	.,500	.,,500	1,000
	LIGE FO	NAVA OT	EPDOWN TRANSFORMER (T1)				1	

### LOAD ANALYSIS FOR STEP DOWN TRANFORMER (T1)

Vd		(IxRxLxM)/(P							
Vd		Maximum Voltage	e Drop in V	olts					
		Current in Amps							
R		Resistance in ohr			able 8)				
L		Length of wire on							
M		Multipler (2 for sir	100	or 1.732 for th	ree phase)				
P		Number of paralle		/Db					
E <sub>L-L</sub>	=	208		(Phase to ph	17.55	rating)	100		(O)
M	=	1.732		(Three phase			M =	2	(Single phase)
%Vd	=		3 %	(Maximum ve	ortage allowe	ea)			
		6.24	V						
Panel of Feeder Origin	Current (A)	Wire AWG /Kcmil (feeder)	Material	Sqrt(3) or 2	L (Length of feeder)	R Resistance (C9, Table 8) (Ohm /FT)	# of Parallel Conductors	Voltage Drop (Vd)	%Voltage Dro (%Vd)
Panel LDP1 - Panel LF1	73.8	2/0	(AL)	1.732	30	0.1590	1	0.61	0.29%
Panel LDP1 - Panel LF2	187.8	400	(AL)	1.732	30	0.0529	1	0.52	0.25%
Panel LDP1 - Panel LF3	210.7	500	(AL)	1.732	25	0.0424	1	0.39	0.19%
Panel LDP1 - Panel LF4	378.9	400	(AL)	1.732	20	0.0529	2	0.35	0.17%
Panel LDP1 - Panel KP	126.2	250	(AL)	1.732	20	0.0847	1	0.37	0.18%
Panel LDP1 - Panel SP	25.5	1/0	(AL)	1.732	200	0.2010	1	1.78	0.85%
Panel LDP1 - Panel EP	273.0	4/0	(AL)	1.732	15	0.1000	2	0.35	0.17%
Panel LDP1 - Panel LE1	175.4	400	(AL)	1.732	215	0.0529	1	3.45	1.66%
Panel LDP1 - Panel LE2	166.2	250	(AL)	1.732	215	0.0847	1	5.24	2.52%
Panel LDP2 - Panel LD1	175.4	400	(AL)	1.732	20	0.0529	1	0.32	0.15%
Panel LDP2 - Panel LD2	161.9	250	(AL)	1.732	20	0.0847	1	0.47	0.23%
Panel LDP2 - Panel LC1	175.4	400	(AL)	1.732	35	0.0529	1	0.56	0.27%
Panel LDP2 - Panel LC2	161.9	250	(CU)	1.732	35	0.0535	1	0.53	0.25%
Panel LDP3 - Panel LB1	175.4	400	(AL)	1.732	20	0.0529	1	0.32	0.15%
Panel LDP3 - Panel LB2	175.4	250	(AL)	1.732	20	0.0847	1	0.51	0.25%
Panel LDP3 - Panel LA1	180.1	400	(AL)	1.732	20	0.0529	1	0.33	0.16%
	175.1	400	(AL)	1.732	20	0.0529	1	0.32	0.15%
Panel LDP3 - Panel LA2	569.0	400	(AL)	1.732	30	0.0529	3	0.52	0.25%
Panel MDP - Trans T1					000	0.0847	2	3.91	1.88%
	232.0 232.0	250	(AL)	1.732 1.732	230 260	0.0847	2	4.42	2.13%

		1000	REGREES		AMPS @ 208/1	20V, 3P,4W	
		LOAD	KW	PHASE "A"	PHASE "B"	PHASE "C"	NEUTRAL
	LOAD FOR STE	P DOWN TRANSFORMER (T3):	E;	8			
A.		T ROOMS UNIT LOADS FOR 5TH & 6TH FLOOR: 220.12 & 42)					
	1.	18,820 SF x 2W =37,644W - FIRST 20,000W @ 50%	10.00	28	28	28	28
		REMAINING 17,644W @ 40%	7.06	20	20	20	20
	2.	VANITY RCPTS @ 180VA X 52 UNITS	9.36	26	26	26	26
	3.	A/C, COOLING NON-COINCIDENT LOAD HEAT GREATER @1.96KW x 54 UNITS	105.84	294	294	294	
	4.	REFRIG/MICO WAVE UNIT 52 @ 1.00KW	52	144	144	144	144
В.	HOUS	E LOADS:					
	1.	GENERAL RCPTS 37@180VA	5.76	16	16	16	16
	2.	VENDING/ICE MACHINE 2@1.5	3	8	8	8	8
C.	MECH	ANICAL LOADS:					
	1.	MECHANICAL FANS	3.25	9	9	9	9
	3.	PUMPS	1.5	4	4	4	4
D.		TOTAL DEMAND LOAD:	197.77	549	549	549	255
D.	WIRE: (TABLE 3	10.15(B)(16) @ 75 <sup>0</sup> C (167 <sup>0</sup> F) RATING	(	2-500KCMIL AL, THWN	2-500KCMIL AL, THWN	2-500KCMIL AL, THWN	2-500KCMIL AL, THWN
E.	AMPACITY			620	620	620	620
F.	SERVICE CAPA	CITY (LDP3) (A)		600	600	600	600
G.		TEPDOWN TRANSFORMER (T3) VV/3P,4W TO 208V/120V/3P/4W		625	625	625	625

#### LOAD ANALYSIS FOR STEP DOWN TRANFORMER (T3)

		LOAD	P14/		AMPS @ 208/1	20V, 3P,4W	
		LOAD	KW	PHASE "A"	PHASE "B"	PHASE "C"	NEUTRAL
	LOAD FOR STE	P DOWN TRANSFORMER (T2):					
Α.		ROOMS UNIT LOADS FOR 3RD &4TH FLOOR: 220.12 & 42)					
	1.	18,820 SF x 2W =37,644W - FIRST 20,000W @ 50%	10.00	28	28	28	28
		REMAINING 17,644W @ 40%	7.06	20	20	20	20
	2.	VANITY RCPTS @ 180VA X 52 UNITS	9.36	26	26	26	26
	3.	A/C, COOLING NON-COINCIDENT LOAD HEAT GREATER @1.96KW x 54 UNITS	105.84	294	294	294	
	4.	REFRIG/MICO WAVE UNIT 52 @ 1.00KW	52	144	144	144	144
В.	HOUSE	E LOADS:					
	1.	GENERAL RCPTS 28@180VA	5.76	16	16	16	16
	2.	VENDING/ICE MACHINE 2@1.5	3	8	8	8	8
C.		TOTAL DEMAND LOAD:	193.0	536	536	536	242
D.	WIRE: (TABLE 3	10.15(B)(16) @ 75°C (167°F) RATING		2-500KCMIL AL, THWN	2-500KCMIL AL, THWN	2-500KCMIL AL, THWN	2-500KCM AL, THW
E.	AMPACITY			620	620	620	620
F.	SERVICE CAPA	CITY (LDP2) (A)		600	600	600	600
G.	USE 225 KVA S	TEPDOWN TRANSFORMER (T2)		625	625	625	625

### LOAD ANALYSIS FOR STEP DOWN TRANFORMER (T2)

					ELECT	RICAL S	HORT CIR	CUIT (N	EC 2017	7)					
HORT CIRCUIT CALCULATION FORMULA: (I	POINT TO POI	INT)													
C. SYM H	= = =	1/(1+F)			ent In Amp	eres At Be	ginning of Circ	uit.							
ı	= = = = = = = = = = = = = = = = = = = =	(1.732 x L Length of Constant t Phase to I	Conductor	to the F	oer Bussn	nann) for Co	onductors & B	usway							
Available lsc	KVA	%Z		KVA	1000	Voltage	sqrt(3)	FLA	100	%Z	Zm	Isc util sec (FLA x Zm)	2—		
lsc util sec	1,000	5%	0	1000	1000	480	1.732	1203	100	5	20	24,057			
Total motor power (kW) 239.49	Total FLA 288														
Panel of Feeder Origin	Ckt Brkr size (A)	Wire AWG /Kcmil (feeder)	Material	Sqrt(3) or 2	L (Length of feeder)	Isc orig from upstream source	# of Parallel Conductors	C (Table 4)	Voltage	F	M = 1/(1+F)	lsc orig x M	Isc motors = (Total FLA x 6) Note (1)	Total Isc = (Isc orig x M) + Isc motors)	AI.C Rating Selection
lity Transformer - MDP	1,200	500	(AL)	1.732	120	24,057	4	21,391	480	0.122	0.891	21,446	1,728	23,174	65,000
lity Transformer - Panel FP	100	3	(CU)	1.732	30	24,057	1	4,811	480	0.541	0.649	15,608	1,728	17,337	30,000
nel MDP - Trans T1	800	400	(AL)	1.732	30	21,446	3	16,671	480	0.046	0.956	20,495	1,728	22,223	30,000
condary Step down transformer T1				1.732		20,495			480	1.136	0.468	22,143	3,989	26,132	
anel MDP - Trans T2	400	250	(AL)	1.732	230	21,446	2	12,122	480	0.734	0.577	28,539	1,728	30,268	42,000
condary Step down transformer T2				1.732		28,539			480	1.582	0.387	25,510	3,989	29,498	
anel MDP - Trans T3	400	250	(AL)	1.732	260	21,446	2	12,122	480	0.830	0.546	27,046	1,728	28,774	30,000
econdary Step down transformer T3				1.732		27,046			480	1.499	0.400	24,975	3,989	28,964	
econdary Step down transformer T1 - LDP1	1,600	600	(AL)	1.732	20	22,143	5	20,093	480	0.016	0.984	21,796	3,989	25,785	30,000
econdary Step down transformer T2 - LDP2	600	500	(AL)	1.732	20	25,510	2	18,756	480	0.049	0.953	24,316	3,989	28,305	30,000
econdary Step down transformer T3 - LDP3	600	500	(AL)	1.732	20	24,975	2	18,756	480	0.048	0.954	23,830	3,989	27,819	30,000
anel LDP1 - Panel LF1	125	2/0	(AL)	1.732	30	21,796	11	7,187	480	0.328	0.753	16,409	3,989	20,398	22,000
inel LDP1 - Panel LF2	250	400	(AL)	1.732	30	21,796	11	16,671	480	0.142	0.876	19,094	3,989	23,083	30,000
nel LDP1 - Panel LF3	300	500	(AL)	1.732	25	21,796	1	18,756	480	0.105	0.905	19,728	3,989	23,717	30,000
anel LDP1 - Panel LF4	500	400	(AL)	1.732	20	21,796	2	16,671	480	0.047	0.955	20,814	3,989	24,803	30,000
anel LDP1 - Panel KP	200	250	(AL)	1.732	20	21,796	11	12,122	480	0.130	0.885	19,293	3,989	23,282	30,000
nel LDP1 - Panel SP	100	1/0	(AL)	1.732	200	21,796	1	5,777	480	2.723	0.269	5,855	3,989	9,843	22,000
anel LDP1 - Panel EP	350	4/0	(AL)	1.732	15	21,796	2	10,741	480	0.055	0.948	20,662	3,989	24,650	30,000
anel LDP1 - Panel LE1 anel LDP1 - Panel LE2	250	400	(AL)	1.732	215	21,796 21,796	1	16,671	480	1.014	0.496	10,821	3,989	14,809	22,000
anel LDP1 - Panel LD2	200	250	(AL)	1.732 1.732	215			12,122	480	1.395	0.418	9,101	3,989	13,090	22,000
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	250	400	(AL)		20	24,316	1	16,671	480	0.105	0.905	22,000	3,989	25,989	30,000
nel LDP2 - Panel LD2 nel LDP2 - Panel LC1	200	250 400	(AL)	1.732 1.732	20 35	24,316 24,316	1	12,122 16,671	480 480	0.145 0.184	0.874	21,241	3,989	25,230	30,000
nel LDP2 - Panel LC2	250	250	(AL)	1.732	35 35	24,316	1	12,122	480	0.164	0.844 0.798	20,534	3,989	24,522	30,000
nel LDP3 - Panel LB1	200 250	400	(AL)	1.732	20	23,830	1	16,671	480	0.103	0.798	19,401 21,602	3,989 3,989	23,390 25,591	30,000 30,000
inel LDP3 - Panel LB2	200	250	(AL)	1.732	20	23,830	1	12,122	480	0.103	0.876	20,870	3,989	24,858	30,000
anel LDP3 - Panel LA1	250	400	(AL)	1.732	20	23,830	1	16,671	480	0.142	0.906	21,602	3,989	25,591	30,000
anel LDP3 - Panel LA2	250	400	(AL)	1.732	20	23,830	1	16,671	480	0.103	0.906	21,602	3,989	25,591	30,000
ATTOLICE OF A MINISTER 12	200						minor even wi					21,002	0,000	20,001	00,000



JCER DESIGN CONSULTANTS LLC NEW YORK 325 GOLD STREET, STE 604 BROOKLYN, NY 11201

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## COURTYARD® \*\*Marriott®

	REVISI	ONS	
	1	PER RFI #66	06.19.202
-			

PROJECT NAME

COURTYARD INN, LAKE CITY, FL.

DRAWING NAME

ELECTRICAL LOAD ANALYSIS

SEAL+SIGNATURE

DATE 06.19.2023
PROJECT NUMBER 17.282

DRAWING NUMBER

DECOR: CYN

E1.3

GE NUMBER ER Desian Consultants

ROJECT N			COURTYARD LAKE CI 17282									$\wedge$				
NEL:	WINDLIN.		LA1 (FED FROM LDP3	3)			A.I.C RATII	NG:			30 KA	<u> </u>				
LTAGE:			120/208V, 3PH, 4W	7				250 AMP		<u> </u>	MAINS:	250 AMP	MOUNTING:	SURFACE MOUNTED		
LirtoL			NEMA-1					COPPER			\ \ \ /	M.C.B	LOCATION:	ELEC-6TH FLOOR		
DES:			0=LIGHTS 1=RECEP 2	=EQUIP 3=A/C 4	HTG 5=1	25% LGST MTR			LYCALCULA	ATED						
ODE	WIRE	LOAD	CIRCUIT DESCRIPTION				BKR	CKT	PH	CKT	BKR	CIRCUIT DES	SCRIPTION		LOAD	WIR
0	12	1000	RCPTS/LTS	9.0	RM 600		20/1	1	Α	2	20/1	RCPTS/LTS		RM 613	1000	12
2	12	1000	REFRIG/MICRO		-		20/1	3	В	4	20/1	REFRIG/MICI	RO	-	1000	12
1	12	180	RCPT-VANITY				20/1	5	С	6	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 601		20/1	7	Α	8	20/1	RCPTS/LTS		RM 614	1000	12
2	12	1000	REFRIG/MICRO		-		20/1	9	В	10	20/1	REFRIG/MICI	RO	-	1000	12
1	12	180	RCPT-VANITY		:		20/1	11	С	12	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 602		20/1	13	Α	14	20/1	RCPTS/LTS		RM 615	1000	12
2	12	1000	REFRIG/MICRO		.=:		20/1	15	В	16	20/1	REFRIG/MICI	RO	-	1000	12
1	12	180	RCPT-VANITY		*		20/1	17	C	18	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 603		20/1	19	Α	20	20/1	RCPTS/LTS		RM 616	1000	12
2	12	1000	REFRIG/MICRO		-		20/1	21	В	22	20/1	REFRIG/MICI	RO	-	1000	12
1	12	180	RCPT-VANITY		14		20/1	23	С	24	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 604		20/1	25	Α	26	20/1	RCPTS/LTS		RM 617	1000	12
2	12	1000	REFRIG/MICRO		-		20/1	27	В	28	20/1	REFRIG/MICI			1000	12
1	12	180	RCPT-VANITY		-		20/1	29	С	30	20/1	RCPT-VANIT	Υ		180	12
0	12	1000	RCPTS/LTS		RM 605		20/1	31	Α	32	20/1	RCPTS/LTS		RM 618	1000	12
2	12	1000	REFRIG/MICRO		-		20/1	33	В	34	20/1	REFRIG/MICI		-	1000	12
1	12	180	RCPT-VANITY		-		20/1	35	С	36	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 606		20/1	37	Α	38	20/1	RCPTS/LTS		RM 619	1000	12
2	12	1000	REFRIG/MICRO		17		20/1	39	В	40	20/1	REFRIG/MIC			1000	12
1	12	180	RCPT-VANITY		8-0		20/1	41	С	42	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 607		20/1	43	Α	44	20/1	RCPTS/LTS		RM 620	1000	12
2	12	1000	REFRIG/MICRO		-		20/1	45	В	46	20/1	REFRIG/MICI		•	1000	12
1	12	180	RCPT-VANITY				20/1	47	С	48	20/1	RCPT-VANIT	Υ	enter year toperation of	180	12
0	12	1000	RCPTS/LTS		RM 608		20/1	49	A	50	20/1	RCPTS/LTS		RM 621	1000	12
2	12	1000	REFRIG/MICRO		7-0		20/1	51	В	52	20/1	REFRIG/MICI		-	1000	12
1	12	180	RCPT-VANITY		•		20/1	53	С	54	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 609		20/1	55	Α	56	20/1	RCPTS/LTS		RM 622	1000	12
2	12	1000	REFRIG/MICRO		-		20/1	57	В	58	20/1	REFRIG/MICI		-	1000	12
1	12	180	RCPT-VANITY		-		20/1	59	C	60	20/1	RCPT-VANIT	Υ	-	180	12
0	12	1000	RCPTS/LTS		RM 610		20/1	61	Α	62	20/1	RCPTS/LTS		RM 623	1000	12
2	12	1000	REFRIG/MICRO		7		20/1	63	В	64	20/1	REFRIG/MICI		-	1000	12
1	12	180	RCPT-VANITY		-		20/1	65	C	66	20/1	RCPT-VANIT	Y		180	12
0	12	1000	RCPTS/LTS		RM 611		20/1	67	A	68	20/1	RCPTS/LTS	70	RM 624	1000	12
2	12	1000	REFRIG/MICRO		(0)		20/1	69	В	70	20/1	REFRIG/MICI		(*)	1000	12
1	12	180	RCPT-VANITY		- DM 640		20/1	71	C	72	20/1	RCPT-VANIT	Y	- DM 605	180	12
0	12	1000	RCPTS/LTS		RM 612		20/1	73	A	74	20/1	RCPTS/LTS	30	RM 625	1000	12
2	12	1000	REFRIG/MICRO		5 <b>-</b> 5		20/1	75	В	76	20/1	REFRIG/MICI			1000	12
1	12	180	RCPT-VANITY		-		20/1	77	C	78	20/1	RCPT-VANIT	Ť.	-	180	12
2	12	1500	ICE MACHINE	•			20/1	79	A	80	20/1	SPARE				
2	12	200	FIRE SMOKE DAMPER	,			20/1	81	В	82	-					
	CLID DAII	LIGHTS	SPARE RECEP. EQUIP.	MOTORS	_	EL. HEAT	20/1 PHASE	83	C	84	DUACE	CONNICA	LOAD FACTORS	DES. KVA	DES. AMP	,
	SUB-PNL	26000		0.00 = 10.00.00 = 1	0	CL. FICA	200000000000000000000000000000000000000		F.T.L.		PHASE					
	0		0 1500		0		0 A				A	27.50	LIGHTING@125% ;(LG. MOTOR.=N/A) (SUB-PANEL=N/A)			
	0	0	0 26200 4680 0		0		0 B				B			26.20		
-	0	26000	4680 27700		0		0 C 0 TOTAL				-		EQUIP.@100%;(MOTOR.=N/A); RCPTS@100%(LESS THAN 10KW)	4.68		
	L I	20000	4000 27700		U		U TOTAL				TOTAL		GRAND TOTAL	64.88	180 180.1	

PROJECT			COURTYARD	LAKE CI	TY							٨					
	NUMBER:		17282							-	$\sim$						
ANEL:			LA2 (FED FRO		3)		A.I.C RAT	NG: 250 AMP		<del></del>	30 KA	DEO AMO	MOUNTING	CUDEACE MOUNTED			
OLTAGE			120/208V, 3PH NEMA-1	1,400	-		BUS:	COPPER			MANS:	250 AMP M.C.B	MOUNTING: LOCATION:	SURFACE MOUNTED ELEC-6TH FLOOR			+
ODES:				RECEP 2	=FOUIP 3=A/C 4=HT	G 5=125% LGST MTR 6	=KITCHEN 7=I		YCAL CUL	ATED		W.O.D	ECOATION.	LLLO-OIII I LOOK			
CODE	WIRE	LOAD	CIRCUIT DESC			00 120 10 200 1 1111110	BKR	CKT	PH	СКТ	BKR	CIRCUIT DESCRIP	TION		LOAD	WIRE	COD
3	12	1000	A/C-RM 600				20/2	1	A	2	20/2	A/C-RM 620			1000	12	3
3	12	1000	-				1 1	3	В	4	1	1-			1000	12	3
3	12	1000	A/C-RM 601				20/2	5	С	6	20/2	A/C-RM 621			1000	12	3
3	12	1000	-				1	7	Α	8	. ↓	-			1000	12	3
3	12	1000	A/C-RM 602				20/2	9	В	10	20/2	A/C-RM 622			1000	12	3
3	12	1000	-				- ↓ ↓	11	С	12	+	-			1000	12	3
3	12	1000	A/C-RM 603				20/2	13	Α	14	20/2	A/C-RM 623			1000	12	3
3	12	1000	-				+	15	В	16	+	-			1000	12	3
3	12	1000	A/C-RM 604				20/2	17	c	18	20/2	A/C-RM 624			1000	12	3
3	12	1000	- 4 10 DM 605				*	19	A	20	2012	-			1000	12	3
3	12	1000	A/C-RM 605				20/2	21	В	22	20/2	A/C-RM 625			1000	12	3
3	12	1000	- A 40 DM 600				1 200	23	C	24	904	-			1000	12	3
3	12	1000	A/C-RM 606				20/2	25 27	A B	26 28	20/1	EF - 6 EF - 6			200 200	12 12	2
3	12	1000	A/C-RM 607				20/2	29	C	30	20/1	EF-6			200	12	2
3	12	1000	A/C-RIVI 607				20/2	31	Ā	32	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 608				20/2	33	B	34	20/1	EF-6			200	12	2
3	12	1000	-				1 1	35	c	36	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 609				20/2	37	A	38	20/1	EF - 6			200	12	2
3	12	1000	-				I I	39	В	40	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 610				20/2	41	C	42	20/1	EF-6			200	12	2
3	12	1000	-				Į.	43	A	44	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 611		(PTAC No.1)		20/2	45	В	46	20/1	EF-6			200	12	2
3	12	1000	-		,		1 1	47	C	48	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 611		(PTAC No.2)		20/2	49	Α	50	20/1	EF - 6			200	12	2
3	12	1000	-				1	51	В	52	20/1	EF - 6			200	12	2
3	12	1000	A/C-RM 612				20/2	53	С	54	20/1	EF-6			200	12	2
3	12	1000	-				<b>.</b>	55	Α	56	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 613				20/2	57	В	58	20/1	EF-6			200	12	2
3	12	1000	-				+	59	С	60	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 614				20/2	61	Α	62	20/1	EF-6			200	12	2
3	12	1000	-					63	В	64	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 615				20/2	65	C	66	20/1	EF-6			200	12	2
3	12	1000	-				- t	67	A	68	20/1	EF-6			200	12	2
3	12	1000	A/C-RM 616				20/2	69	В	70	20/1	EF-6 EF-6			200	12	2
	12	1000	A/C PM 617				300	71 73	C	72 74	20/1	EF-6			200	12	2
3	12 12	1000	A/C-RM 617				20/2	75	A B	76	20/1	EF-6			200 200	12	2
3	12	1000	A/C-RM 618				20/2	77	C	78	20/1	EF - 7			100	12	2
3	12	1000	-				1	79	Ā	80	20/1		OR/LINE STOR./ELEC. ROOM		1260	10	1
3	12	1000	A/C-RM 619				20/2	81	B	82	20/1	RCPTS - CORRIDO			1260	12	1
3	12	1000	-				Ĭ	83	C	84	20/1	RCPTS - ROOF	.,		1260	10	1
	SUB-PNL	LIGHTS	RECEP. EC	QUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.		PHASE		FACTORS	DES. KVA	DES.AMP		
	0	0		1800	18000		0 A				A	21.06 (LIGH	TING=N/A);LG. MOTOR.=N/A)	21.06			
	0	0	100000000000000000000000000000000000000	1800	18000		0 B				В		PANEL=N/A)	21.06	58		
	0	0		1700	18000		0 C				С		P.@100%; MOTOR.@100%;	20.96	58		
	0	0	3780	5300	54000		0 TOTAL	0.5			TOTAL	63.08 RCPT	S@100% (LESS THAN 10KW)	63.08	175		

ROJECT			COURTYARD LAKE C	CITY						$\Lambda$					
	NUMBER:		17282	201	410047	10	-	+-	201/4						
ANEL:			LB1 (FED FROM LDF	73)	A.I.C RATI		/	<del></del>	30 KA	252 4112	MOUNTAIO	CURE ACE MOUNTED			-
DLTAGE:			120/208V, 3PH, 4W		BUS:	250 AMP	5		MAINS:	250 AMP	MOUNTING:	SURFACE MOUNTED			
2050			NEMA-1	2-EQUID 2-4/0 4-UTO 5-4050/ LOCTATD 2-U	ATOUEN 7-E	COPPER		ATED	$\overline{}$	M.C.B	LOCATION:	ELEC-5TH FLOOR			-
ODES:	WIDE	LOAD		2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=k			_		DVD	I CURCUIT DE	COURTION		LOAD	IAUDE	C
CODE	WIRE	LOAD	CIRCUIT DESCRIPTIO		BKR	CKT	PH	CKT	BKR	CIRCUIT DES	SCRIPTION	DM 540	LOAD	WIRE	-
0	12	1000	RCPTS/LTS	RM 500	20/1	1	A	2	20/1	RCPTS/LTS		RM 513	1000	12	+
2	12	1000	REFRIG/MICRO	*	20/1	3	В	4	20/1	REFRIG/MIC		-	1000	12	1
1	12	180	RCPT-VANITY	-	20/1	5	С	6	20/1	RCPT-VANIT	Y	-	180	12	+
0	12	1000	RCPTS/LTS	RM 501	20/1	7	A	8	20/1	RCPTS/LTS		RM 514	1000	12	-
2	12	1000	REFRIG/MICRO		20/1	9	В	10	20/1	REFRIG/MIC			1000	12	+-
1	12	180	RCPT-VANITY	<u> </u>	20/1	11	C	12	20/1	RCPT-VANIT	Y	12	180	12	1
0	12	1000	RCPTS/LTS	RM 502	20/1	13	A	14	20/1	RCPTS/LTS		RM 515	1000	12	
2	12	1000	REFRIG/MICRO	<u>~</u>	20/1	15	В	16	20/1	REFRIG/MIC		-	1000	12	
1	12	180	RCPT-VANITY	5	20/1	17	С	18	20/1	RCPT-VANIT	Υ	-	180	12	1
0	12	1000	RCPTS/LTS	RM 503	20/1	19	A	20	20/1	RCPTS/LTS		RM 516	1000	12	-
2	12	1000	REFRIG/MICRO	<u></u>	20/1	21	В	22	20/1	REFRIG/MIC	***	-	1000	12	_
1	12	180	RCPT-VANITY		20/1	23	С	24	20/1	RCPT-VANIT	Υ	-	180	12	1
0	12	1000	RCPTS/LTS	RM 504	20/1	25	Α	26	20/1	RCPTS/LTS	1450000	RM 517	1000	12	
2	12	1000	REFRIG/MICRO		20/1	27	В	28	20/1	REFRIG/MIC		-	1000	12	
1	12	180	RCPT-VANITY	2	20/1	29	С	30	20/1	RCPT-VANIT	Υ	-	180	12	
0	12	1000	RCPTS/LTS	RM 505	20/1	31	Α	32	20/1	RCPTS/LTS		RM 518	1000	12	
2	12	1000	REFRIG/MICRO	5	20/1	33	В	34	20/1	REFRIG/MIC	RO	-	1000	12	
1	12	180	RCPT-VANITY	₩	20/1	35	С	36	20/1	RCPT-VANIT	Υ	-	180	12	
0	12	1000	RCPTS/LTS	RM 506	20/1	37	A	38	20/1	RCPTS/LTS		RM 519	1000	12	
2	12	1000	REFRIG/MICRO	-	20/1	39	В	40	20/1	REFRIG/MIC	RO	-	1000	12	
1	12	180	RCPT-VANITY		20/1	41	С	42	20/1	RCPT-VANIT	Υ	-	180	12	
0	12	1000	RCPTS/LTS	RM 507	20/1	43	Α	44	20/1	RCPTS/LTS		RM 520	1000	12	
2	12	1000	REFRIG/MICRO	<u>-</u>	20/1	45	В	46	20/1	REFRIG/MIC	RO	-	1000	12	T
1	12	180	RCPT-VANITY	₽	20/1	47	С	48	20/1	RCPT-VANIT	Υ	-	180	12	
0	12	1000	RCPTS/LTS	RM 508	20/1	49	A	50	20/1	RCPTS/LTS		RM 521	1000	12	
2	12	1000	REFRIG/MICRO	<u>.</u>	20/1	51	В	52	20/1	REFRIG/MIC	RO		1000	12	
1	12	180	RCPT-VANITY		20/1	53	C	54	20/1	RCPT-VANIT		-	180	12	
0	12	1000	RCPTS/LTS	RM 509	20/1	55	А	56	20/1	RCPTS/LTS		RM 522	1000	12	
	11000-01	0/5/25/00/2	THAT CALL CONTRACTOR SHOW	TOWN DOO	Conversor	0,99011	55740	2000	7010000-111	HALLOW CONTRACTOR CONT	70	1301 022	West Assets		-
2	12	1000	REFRIG/MICRO	<u>+</u>	20/1	57	В	58	20/1	REFRIG/MIC		-	1000	12	+
_1	12	180	RCPT-VANITY		20/1	59	C	60	20/1	RCPT-VANIT	Y		180	12	+
0	12	1000	RCPTS/LTS	RM 510	20/1	61	A	62	20/1	RCPTS/LTS		RM 523	1000	12	+
2	12	1000	REFRIG/MICRO	¥	20/1	63	В	64	20/1	REFRIG/MIC		-	1000	12	+
1	12	180	RCPT-VANITY		20/1	65	С	66	20/1	RCPT-VANIT	Υ	-	180	12	_
0	12	1000	RCPTS/LTS	RM 511	20/1	67	A	68	20/1	RCPTS/LTS		RM 524	1000	12	1
2	12	1000	REFRIG/MICRO		20/1	69	В	70	20/1	REFRIG/MIC		-	1000	12	1
4	12	180	RCPT-VANITY	-	20/1	71	С	72	20/1	RCPT-VANIT	Υ	-	180	12	1
0	12	1000	RCPTS/LTS	RM 512	20/1	73	Α	74	20/1	RCPTS/LTS		RM 525	1000	12	1
2	12	1000	REFRIG/MICRO	-	20/1	75	В	76	20/1	REFRIG/MIC			1000	12	1
1	12	180	RCPT-VANITY	-	20/1	77	С	78	20/1	RCPT-VANIT	Υ	-	180	12	1
			SPARE		20/1	79	A	80	20/1	SPARE					
			30 0			81	В	82		0.00					
	SUB-PNL	LIGHTS	RECEP. EQUIP.	MOTORS EL. HEAT	PHASE	83	F.T.L.	84	PHASE	CONN KVA	LOAD FACTORS	DES. KVA	DES. AMP		+
	0	26000	0 0	0	0 A	-	1 . 1 . 1.		A		LIGHTING@125%;(LG. MOTOR.=N/A)	32.50			
	0	0	0 26000	0	0 B				В		(SUB-PANEL=N/A)	26.00			
	0	0	4680 0	0	0 0				C	11/2000	EQUIP.@100% :( MOTOR.=N/A);	4.68	13		
	0	26000	4680 26000	9	0 TOTAL				TOTAL		RCPTS@100% (MOTOR:=NA),	63.18			
	U	20000	4000 20000	U	UITOTAL				TOTAL		GRAND TOTAL	63.18			_

NOTE: 1- PROVIDE ARC-FAULT CIRCUIT BREAKERS FOR ALL BRANCH CIRCUITS IN GUEST ROOMS (ARTICLE 210.128 & 210.18 - NEC 2015)

N	$\bigcap$	Т	F	•
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1. CONTRACTOR SHALL PROVIDE A PERMANENTLY AFFIXED LABEL SHALL BE APPLIED WITH THE FAULT CURRENT AT TIME OF INSTALLATION AND CALCULATION. THE LABEL SHALL BE 2"X3" IN SIZE AND SHALL BE BLUE LETTERING ON A CONTRASTING BACKGROUND.

ROJECT	NAME:		COURTYA	RD LAKE C	CITY							٨					
ROJECT	NUMBER:		17282		20072						$\sim$	/1\					
NEL:			LB2 (FED	FROM LDF	23)		A.I.C RATI	NG:			30 KA						
DLTAGE:			120/208V,	3PH, 4W			BUS:	200 AMP			MAINS:	200 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1					COPPER				M.C.B	LOCATION:	ELEC-5TH FLOOR			
DES:			0=LIGHTS	1=RECEP	2=EQUIP 3=A/C 4=H1	'G 5=125% LGST MTR 6=	KITCHEN 7=F	PREVIOUSL	YCALCUL	ATED							
CODE	WIRE	LOAD	CIRCUIT	ESCRIPTIO	ON		BKR	CKT	PH	CKT	BKR	CIRCUIT DES	SCRIPTION		LOAD	WIRE	COD
3	12	1000	A/C-RM 50	00			20/2	1	Α	2	20/2	A/C-RM 520			1000	12	3
3	12	1000	-:				+	3	В	4	+	-			1000	12	3
3	12	1000	A/C-RM 50	)1			20/2	5	С	6	20/2	A/C-RM 521			1000	12	3
3	12	1000	-				4	7	Α	8	+	-			1000	12	3
3	12	1000	A/C-RM 50	)2			20/2	9	В	10	20/2	A/C-RM 522			1000	12	3
3	12	1000	-				+	11	С	12	+	-			1000	12	3
3	12	1000	A/C-RM 50	)3			20/2	13	Α	14	20/2	A/C-RM 523			1000	12	3
3	12	1000	-				+	15	В	16	₩.	-			1000	12	3
3	12	1000	A/C-RM 50	)4			20/2	17	С	18	20/2	A/C-RM 524			1000	12	3
3	12	1000	-				<del>_</del>	19	Α	20	+	-			1000	12	3
3	12	1000	A/C-RM 50	)5			20/2	21	В	22	20/2	A/C-RM 525		V.	1000	12	3
3	12	1000	_				+	23	С	24	+	-			1000	12	3
3	12	1000	A/C-RM 50	)6			20/2	25	Α	26	20/1	EF - 7			100	12	2
3	12	1000					+	27	В	28	20/1		RRIDOR/ LINE STOR./ ELEC. ROOM		1260	10	1
3	12	1000	A/C-RM 50	07			20/2	29	С	30	20/1	RCPTS - CO	10.00.000		1620	12	1
3	12	1000	-:					31	Α	32	20/1	ICE MACHIN	E		1500	12	2
3	12	1000	A/C-RM 50	)8			20/2	33	В	34	20/1	C.P.		-	1500	12	2
3	12	1000	-				++	35	С	36	20/1	C.P.			1500	12	2
3	12	1000	A/C-RM 50	9			20/2	37	Α	38	20/1	C.P.			1500	12	2
3	12	1000	-				+	39	В	40	20/1	FIRE SMOKE	DAMPER		200	12	2
3	12	1000	A/C-RM 51	0			20/2	41	С	42	20/2	SPARE					
3	12	1000	-				+	43	A	44	+						
3	12	1000	A/C-RM 51	1	(PTAC No.1)		20/2	45	В	46	20/2						
3	12	1000	-				<del>_</del>	47	c	48	<b>+</b>						-
3	12	1000	A/C-RM 51	1	(PTAC No.2)		20/2	49	A	50	20/1						
3	12	1000	-	_			+	51	В	52							
3	12	1000	A/C-RM 51	2			20/2	53	С	54							-
3	12	1000	- A (O D) ( E)				+	55	A	56	+	20120000	u l				
3	12	1000	A/C-RM 51	3			20/2	57	В	58		SPACE ONL	Y				
3	12	1000	-				*	59	С	60	-						-
3	12	1000	A/C-RM 51	4			20/2	61	A	62				-			-
3	12	1000	A 10 DV 5				*	63	В	64							+
3	12		A/C-RM 51	5			20/2	65	C	66							
3	12	1000	A /O DM C	0			20/2	67	A	68	1				//		+
3	12	1000	A/C-RM 51	0			20/2	69	В	70							-
3	12	1000	- A/C-RM 51	7			20/2	71 73	C	72 74							+
3	12	1000	- CIVIN-DI	7			20/2	1000	A	76							+
	12	1000	A /C DM FA	0			30/3	75	В	1/2							+
3	12	1000	A/C-RM 51	0			20/2	77	C	78	4						+
3	12	1000	- A/C-RM 51	0			20/2	79 81	A B	80 82							-
3	12	1000	A/C-RIVI 51	9			1	83	C	84		<del>  1                                   </del>		-			+
	SUB-PNL	LIGHTS	RECEP.	FOLID	MOTORS	EL. HEAT	PHASE		F.T.L.	04	DUVCE	CONN KVA	LOAD FACTORS	DES. KVA	DES. AMP	ž.	+
	O 0	0	NECEP.	3100	18000	EL. MEAT	0 A	1	F.I.L.		A	21 10	(LIGHTING=N/A);LG. MOTOR.=N/A)	21.10			
	2200	570	4000												V-75151		
	0	0	1260	100000000000000000000000000000000000000	18000		0 B				В		(SUB-PANEL=N/A)	20.96			
	0	0	1620		18000		0 C	-			С	21.12	EQUIP.@100%; MOTOR.@100%;	21.12			
	0	0	2880	6300	54000		0 TOTAL				TOTAL		RCPTS@100% (LESS THAN 10KW) GRAND TOTAL		175 175.4	8	

ROJECT				RD LAKE C	HY					-		$\Lambda$					
	NUMBER:		17282								$\sim$						
ANEL:				FROM LDF	P2)		A.I.C RATI			<u> </u>	30 KA						
DLTAGE:			120/208V,	3PH, 4W			BUS:	250 AMP			MAINS:	250 AMP	MOUNTING:	SURFACE MOUNTED			
			NEMA-1					COPPER			$\smile$	M.C.B	LOCATION:	ELEC-4TH FLOOR			
DDES:						4=HTG 5=125% LGST MTR			_								
CODE	WIRE	LOAD		ESCRIPTIO	DN		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIP	TION		LOAD	WIRE	COD
0	12	1000	RCPTS/LT			RM 400	20/1	1	Α	2	20/1	RCPTS/LTS		RM 413	1000	12	0
2	12	1000	REFRIG/M			-	20/1	3	В	4	20/1	REFRIG/MICRO		+	1000	12	2
1	12	180	RCPT-VAI	35.5		-	20/1	5	С	6	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LT			RM 401	20/1	7	Α	8	20/1	RCPTS/LTS		RM 414	1000	12	0
2	12	1000	REFRIG/M			-	20/1	9	В	10	20/1	REFRIG/MICRO		i= 1	1000	12	2
1	12	180	RCPT-VAI				20/1	11	С	12	20/1	RCPT-VANITY		(#)	180	12	1
0	12	1000	RCPTS/LT	Control of the Contro		RM 402	20/1	13	Α	14	20/1	RCPTS/LTS		RM 415	1000	12	0
2	12	1000	REFRIG/M			<del>-</del>	20/1	15	В	16	20/1	REFRIG/MICRO		<del>-</del> 3	1000	12	2
1	12	180	RCPT-VAI	ACCURATE STATE OF THE PARTY OF		-	20/1	17	С	18	20/1	RCPT-VANITY		+	180	12	1
0	12	1000	RCPTS/LT			RM 403	20/1	19	Α	20	20/1	RCPTS/LTS		RM 416	1000	12	0
2	12	1000	REFRIG/M			-	20/1	21	В	22	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VAI	A STATE OF THE STA		-	20/1	23	С	24	20/1	RCPT-VANITY			180	12	1
0	12	1000	RCPTS/LT			RM 404	20/1	25	Α	26	20/1	RCPTS/LTS		RM 417	1000	12	0
2	12	1000	REFRIG/M			-	20/1	27	В	28	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VAI	1000		-	20/1	29	С	30	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LT			RM 405	20/1	31	Α	32	20/1	RCPTS/LTS		RM 418	1000	12	0
2	12	1000	REFRIG/M	IICRO		5-2-1-	20/1	33	В	34	20/1	REFRIG/MICRO		=	1000	12	2
1	12	180	RCPT-VAI	NITY		-	20/1	35	С	36	20/1	RCPT-VANITY		(T)	180	12	1
0	12	1000	RCPTS/LT	rs		RM 406	20/1	37	Α	38	20/1	RCPTS/LTS		RM 419	1000	12	0
2	12	1000	REFRIG/M	IICRO			20/1	39	В	40	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VAI	NITY		-	20/1	41	C	42	20/1	RCPT-VANITY		340	180	12	1
0	12	1000	RCPTS/LT	rs		RM 407	20/1	43	Α	44	20/1	RCPTS/LTS		RM 420	1000	12	0
2	12	1000	REFRIG/M	IICRO		-	20/1	45	В	46	20/1	REFRIG/MICRO		( <del>1</del> )	1000	12	2
1	12	180	RCPT-VAI	NITY		-	20/1	47	С	48	20/1	RCPT-VANITY		•	180	12	1
0	12	1000	RCPTS/LT	rs		RM 408	20/1	49	Α	50	20/1	RCPTS/LTS		RM 421	1000	12	0
2	12	1000	REFRIG/M	IICRO		-	20/1	51	В	52	20/1	REFRIG/MICRO		±1.	1000	12	2
1	12	180	RCPT-VAI	NITY		-	20/1	53	C	54	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LT	rs		RM 409	20/1	55	Α	56	20/1	RCPTS/LTS		RM 422	1000	12	0
2	12	1000	REFRIG/M	IICRO		-	20/1	57	В	58	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VAI	NITY		(T)	20/1	59	С	60	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LT	rs		RM 410	20/1	61	A	62	20/1	RCPTS/LTS		RM 423	1000	12	0
2	12	1000	REFRIG/M	IICRO		-	20/1	63	В	64	20/1	REFRIG/MICRO		The state of the s	1000	12	2
1	12	180	RCPT-VAI	NITY		-	20/1	65	С	66	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LT	rs		RM 411	20/1	67	Α	68	20/1	RCPTS/LTS		RM 424	1000	12	0
2	12	1000	REFRIG/M			-	20/1	69	В	70	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VAI	NITY		-	20/1	71	С	72	20/1	RCPT-VANITY		-	180	12	1
0	12	1000	RCPTS/LT	rs		RM 412	20/1	73	Α	74	20/1	RCPTS/LTS		RM 425	1000	12	0
2	12	1000	REFRIG/M	ICRO		-	20/1	75	В	76	20/1	REFRIG/MICRO		-	1000	12	2
1	12	180	RCPT-VAI	NITY		_	20/1	77	С	78	20/1	RCPT-VANITY		40	180	12	1
7877	322	10000000	SPARE				20/1	79	Α	80	20/1	SPARE			76.1920		
								81	В	82							
			+				<b>+</b>	83	С	84	1	<b>+</b>					
	SUB-PNL	LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.		PHASE	CONN.KVA LOAD	FACTORS	DES, KVA	DES. AMP	7	
	0	26000	0	0	***********	0	0 A				A		TING@125%;(LG. MOTOR.=N/A)	32.50	90		
	0	0	0	26000		0	0 B				В		-PANEL=N/A)	26.00	1997		
	0	0	4680	0		0	0 C				C		P.@100%;(MOTOR.=N/A);	4.68	13		
	0	26000	4680	26000		0	0 TOTAL				TOTAL		S@100% (LESS THAN 10KW)	63.18			
													ND TOTAL	63.18			

NOTE: 1- PROVIDE ARC-FAULT CIRCUIT BREAKERS FOR ALL BRANCH CIRCUITS IN GUEST ROOMS (ARTICLE 210.12B & 210.18 - NEC 2015)

ROJECT	NAME:		COURTYA	RD LAKE	СПУ							A .						
	NUMBER:		17282	Ī						/	~~	/1\						
ANEL:			LC2 (FED	FROM LD	P2)		A.I.C RAT	ING:			30 KA	<del>/                                    </del>						
OLTAGE:			120/208V,				BUS:	200 AMP		<u> </u>	MAINS:	200 AMP		MOUNTING:	SURFACE MOUNTED			
			NEMA-1					COPPER			\ \\	M.C.B		LOCATION:	ELEC- 4TH FLOOR			
ODES:				1=RECEE	2=EQUIP 3=A/C 4=HTG	5=125%   GST MTR 6=	KITCHEN 7=		Y CALCUL	ATED								
CODE	WIRE	LOAD	CIRCUIT D			o illovo Loca initito	BKR	CKT	PH	СКТ	BKR	CIRCUIT DES	CRIPTION			LOAD	WIRE	COL
3	12	1000	A/C-RM 40				20/2	1	A	2	20/2	A/C-RM 420	oran more			1000	12	3
3	12	1000	-				1	3	В	4	I I	-				1000	12	3
3	12	1000	A/C-RM 40	4			20/2	5	c	6	20/2	A/C-RM 421	-			1000	12	3
3	12	1000	A/C-INI +C				20/2	7	A	8	20/2	A/C-NWI 421				1000	12	3
3	12	1000	A/C-RM 40	2	-		20/2	9	В	10	20/2	A/C-RM 422				1000	12	3
3	1217/2016		A/C-RIVI 40	2			20/2	11		1,000,000	20/2	A/C-NIVI 422						3
	12	1000	- 4 (0 EM 40				4		С	12		- A (C. DM 400	-			1000	12	
3	12	1000	A/C-RM 40	13			20/2	13	A	14	20/2	A/C-RM 423				1000	12	3
3	12	1000	-				+	15	В	16	<b>+</b>	-				1000	12	3
3	12	1000	A/C-RM 40	14			20/2	17	С	18	20/2	A/C-RM 424				1000	12	3
3	12	1000	e:				<del>_</del>	19	Α	20	+	-				1000	12	3
3	12	1000	A/C-RM 40	5			20/2	21	В	22	20/2	A/C-RM 425				1000	12	3
3	12	1000	<u>=</u> :				+	23	С	24	<b>+</b>	29				1000	12	3
3	12	1000	A/C-RM 40	6			20/2	25	Α	26	20/1	EF - 7				100	12	2
3	12	1000	2)				1	27	В	28	20/1	RCPTS - COF	RRIDOR/ LIN	NE STOR./ ELEC. ROOM		1260	10	1
3	12	1000	A/C-RM 40	7			20/2	29	C	30	20/1	RCPTS - COF	RRIDOR			1260	12	1
3	12	1000					1	31	Α	32	20/1	ICE MACHINE	E			1500	12	2
3	12	1000	A/C-RM 40	8			20/2	33	В	34	20/1	FIRE SMOKE	DAMPER			200	12	2
3	12	1000	-				1	35	С	36	20/2	SPARE						1.55.0
3	12	1000	A/C-RM 40	9			20/2	37	A	38	1							
3	12	1000	-	(A)				39	В	40	20/2							
3	12	1000	A/C-RM 41	n			20/2	41	C	42	1							
3	12	1000	-	•				43	A	44	20/1							
3	12	1000	A/C-RM 41	1	(PTAC No.1)		20/2	45	В	46	1							
3	12	1000	-		(FIAC NO. 1)			47	c	48	-							1
3	12	1000	A/C-RM 41	4	(PTAC No.2)		20/2	49	A	50			-					
3	12	1000	A/G-RW 41	1	(FIAC NO.2)		20/2	51	В	52	*	SPACE ONLY	,					-
3	1984		A/C-RM 41	2			20/2		c	54	-	SPACE UNLI						
43.00	12	1000	A/C-RIVI 41	2			20/2	53								-		-
3	12	1000	- -				*	55	A	56	-							-
3	12	1000	A/C-RM 41	3			20/2	57	В	58								
3	12	1000	-	_			+	59	C	60							-	-
3	12	1000	A/C-RM 41	4			20/2	61	A	62								
3	12	1000	-					63	В	64								
3	12	1000	A/C-RM 41	5			20/2	65	С	66								
3	12	1000	-				+	67	Α	68								
3	12	1000	A/C-RM 41	6			20/2	69	В	70								
3	12	1000	¥				1	71	С	72								
3	12	1000	A/C-RM 41	7			20/2	73	Α	74								
3	12	1000	-				1	75	В	76								
3	12	1000	A/C-RM 41	8			20/2	77	C	78								
3	12	1000	-				a.J	79	Α	80								
3	12	1000	A/C-RM 41	9			20/2	81	В	82								
3	12	1000		ACI/			Ī	83	C	84		<b>+</b>						
. •	SUB-PNL	LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		F.T.L.	V.1:	PHASE	CONN.KVA L	OAD FAC	TORS	DES. KVA	DES. AMP	7	
	0	0	0	1600	18000		0 A		1		A	19.60	LIGHTING=	N/A);LG. MOTOR.=N/A)	19.60			
	0	0	1260		18000		0 B				В		SUB-PANE		19.46			
	0	0	1260		18000		0 C	1			C			00%; MOTOR.@100%;	19.46			
	0	0	2520		54000		0 TOTAL	-		-		59.20	DCDTC@1	00% (LESS THAN 10KW)				
	0	U	2520	1800	54000		U IOIAL				TOTAL		GRAND TO		58.32	161.9		_



JCER DESIGN CONSULTANTS LLC NEW YORK 325 GOLD STREET, STE 604 BROOKLYN, NY 11201

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## COURTYARD® \*\*Marriott®

REVISIONS		
1	PER RFI #66	06.19.202

PROJECT NAME

COURTYARD INN, LAKE CITY, FL.

DRAWING NAME

ELEC. PANELS SCHEDULE

SEAL+SIGNATURE

DATE 06.19.2023

PROJECT NUMBER 17.282

DRAWING NUMBER

E7.0

E NUMBER