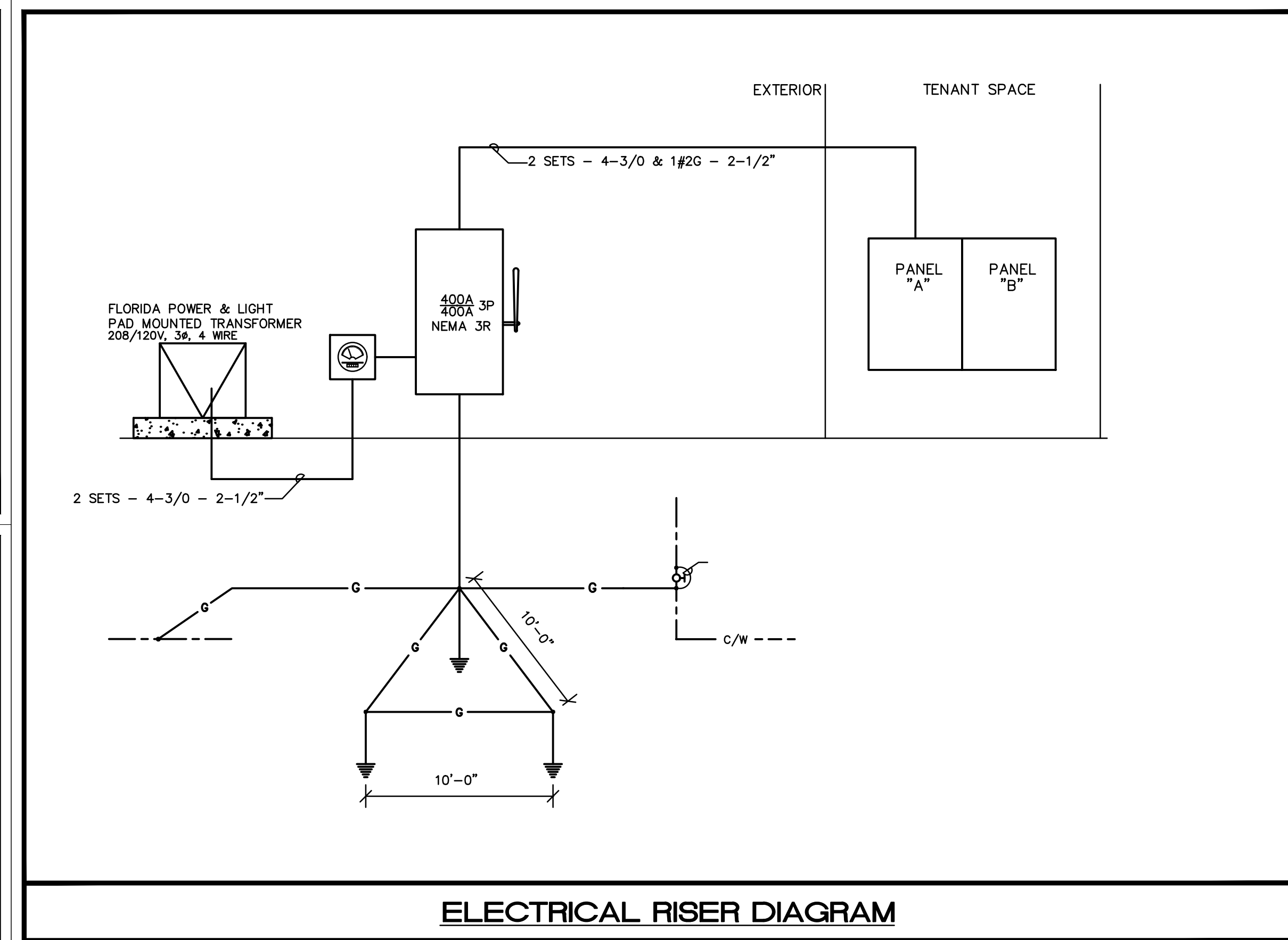
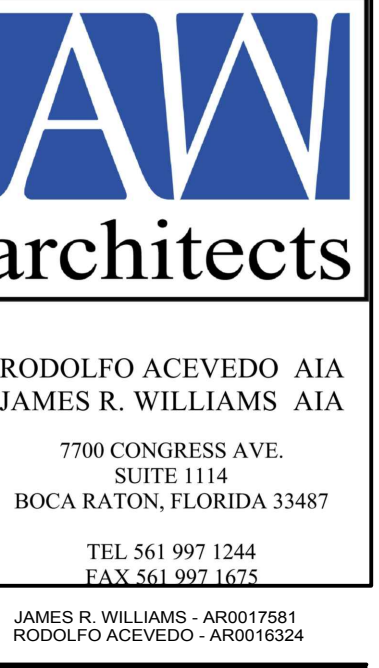


SCHEDULE OF BRANCH CIRCUIT PANEL "A"															
MAIN: 400 AMP / 3 POLE MAIN LUGS ONLY						VOLTAGE: 208/120V, 3ø, 4 WIRE									
SPEC: SQUARE D TYPE "NODD" OR APPROVED EQUIVALENT						AIC SYMM: 22,000									
MOUNTING: SURFACE EXTERIOR															
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION	
LIGHTING	#12	#12	1/2"	20	1	0.8	0.8	---	2	20	1/2"	#12	#12	LIGHTING	
LIGHTING	#12	#12	1/2"	20	3	---	0.8	0.8	---	4	20	1/2"	#12	#12	LIGHTING
LIGHTING	#12	#12	1/2"	20	5	---	---	0.8	0.8	8	20	1/2"	#12	#12	LIGHTING
LIGHTING	#12	#12	1/2"	20	7	0.8	0.7	---	8	20	1/2"	#12	#12	BACK BAR EQUIPMENT	
BOTTLE COOLER	#12	#12	1/2"	20	9	---	0.4	3.4	---	10	40	3/4"	1#10	2#8	GLASS WASHER
BOTTLE COOLER	#12	#12	1/2"	20	11	---	---	0.6	3.4	12	2	---	---	---	---
SANDWICH / SALAD PREP REF.	#12	#12	1/2"	20	13	1.1	1.0	---	14	20	1/2"	#12	#12	WORKTOP FREEZER	
ELECTRIC FOOD WARMER	#12	#12	1/2"	20	15	---	1.2	0.2	---	16	20	1/2"	#12	#12	RANGE IGNITER
CHEESEMELTER IGNITER	#12	#12	1/2"	20	17	---	---	0.2	---	18	20	---	---	---	SHUNT TRIP
SHUNT TRIP	---	---	---	20	19	---	0.6	---	---	20	20	1/2"	#12	#12	SHORTY REFRIGERATOR
WAREWASHER	3#6	1#10	1"	50	21	---	5.4	1.6	---	22	20	1/2"	#12	#12	ICE MAKER
					23	---	---	5.4	0.8	24	20	1/2"	#12	#12	RECEPTACLES
					25	5.4	0.8	---	26	20	1/2"	#12	#12	RECEPTACLES	
RECEPTACLES	#12	#12	1/2"	20	27	---	0.8	0.8	---	28	20	1/2"	#12	#12	RECEPTACLES
RECEPTACLES	#12	#12	1/2"	20	29	---	---	0.8	0.8	30	20	1/2"	#12	#12	RECEPTACLES
RECEPTACLES	#12	#12	1/2"	20	31	0.8	0.2	---	32	20	1/2"	#12	#12	GAS WATER HEATER IGNITER	
GAS WATER HEATER IGNITER	#12	#12	1/2"	20	33	---	0.2	1.0	---	34	20	1/2"	#12	#12	EXTERIOR FANS
CONVENIENCE RECEPTACLES	#12	#12	1/2"	20	35	---	---	0.8	---	36	20	---	---	---	SPARE
SPARE	---	---	---	20	37	---	---	---	38	20	---	---	---	---	SPARE
SPARE	---	---	---	20	39	---	---	---	40	20	---	---	---	---	SPARE
SPARE	---	---	---	20	41	---	---	---	42	20	---	---	---	---	SPARE
**ALL RECEPTACLES LOCATED IN KITCHEN AREAS MUST BE GFI RATED.						12.8	15.4	13.6	KVA PER PHASE PANEL "A"						
						17.1	17.0	12.5	KVA PER PHASE PANEL "B"						
						29.9	32.4	26.1	TOTAL KVA PER PHASE						
						249.2	270.0	217.5	AMPS PER PHASE						
						88.4			TOTAL KVA						

SCHEDULE OF BRANCH CIRCUIT PANEL "B"															
MAIN: 400 AMP / 3 POLE MAIN LUGS ONLY (SUPPLY WITH FEED THRU LUGS)						VOLTAGE: 208/120V, 3ø, 4 WIRE									
SPEC: SQUARE D TYPE "NODD" OR APPROVED EQUIVALENT						AIC SYMM: 22,000									
MOUNTING: SURFACE EXTERIOR															
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION	
WALK-IN COOLER CONDENSER	2#10	1#10	3/4"	30	1	2.5	2.5	---	2	30	3/4"	1#10	2#10	WALK IN COOLER	
CONVENIENCE RECEPTACLES	#12	#12	1/2"	20	3	---	2.5	2.5	---	4	2	---	---	---	
AHU-1	2#8	1#10	3/4"	50	7	5.0	3.9	---	8	2	---	---	---	IWH	
MMU-1, 2, 3	2#12	1#12	1/2"	20	9	---	5.0	(4.7)	---	10	50	1"	1#10	3#8	CU-1
MMU-4, 5, 6	2#12	1#12	1/2"	20	11	---	0.8	(4.7)	---	14	3	---	---	---	
					15	0.8	(4.9)	---	16	50	1"	1#10	3#8	CU-3	
					17	---	---	0.8	(4.9)	18	---	---	---	---	
EXTERIOR SERVICE RECEPTACLE	#12	#12	1/2"	20	19	0.8	(4.9)	---	20	3	---	---	---	---	
EXTERIOR SERVICE RECEPTACLE	#12	#12	1/2"	20	21	---	0.8	0.8	---	22	20	1/2"	#12	#12	EXTERIOR LIGHTING
COOLER LIGHTS	#12	#12	1/2"	20	23	---	---	0.8	0.8	24	20	1/2"	#12	#12	EXTERIOR LIGHTING
EXTERIOR RECEPTACLES	#12	#12	1/2"	20	25	0.8	0.8	---	26	20	1/2"	#12	#12	EXTERIOR LIGHTING	
AHU-1	2#8	1#10	3/4"	45	27	---	4.6	(1.9)	---	28	30	3/4"	1#10	2#10	CU-2
SPARE	---	---	---	20	29	---	---	4.6	(1.9)	30	2	---	---	---	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
**ALL RECEPTACLES LOCATED IN KITCHEN AREAS MUST BE GFI RATED.						17.1	17.0	12.5	KVA PER PHASE						
						142.5	143.7	104.2	AMPS PER PHASE						
						46.6			TOTAL KVA						



ELECTRICAL RISER DIAGRAM



211 E OCEAN AVENUE  
BOYNTON BEACH, FL 33435

FLORIDA LICENSURE:  
AA26002219

PROJECT NO: 15196  
DESIGNED BY: JW  
DRAWN BY: RC/MA/CE  
CHECKED BY: JW  
SUBMITTALS:  
PERMIT SET 12-02-2016

REVISIONS:

ISSUED FOR PERMIT ONLY 12-01-16

KAMM CONSULTING PROJECT # 2016-0807  
PROJECT MANAGER: JOHN MAYR

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Certification of Authorization #8189

PRINCIPAL: Brady L. Brown Florida License #58232  
date: 12-01-16  
signed: \_\_\_\_\_

E5.1