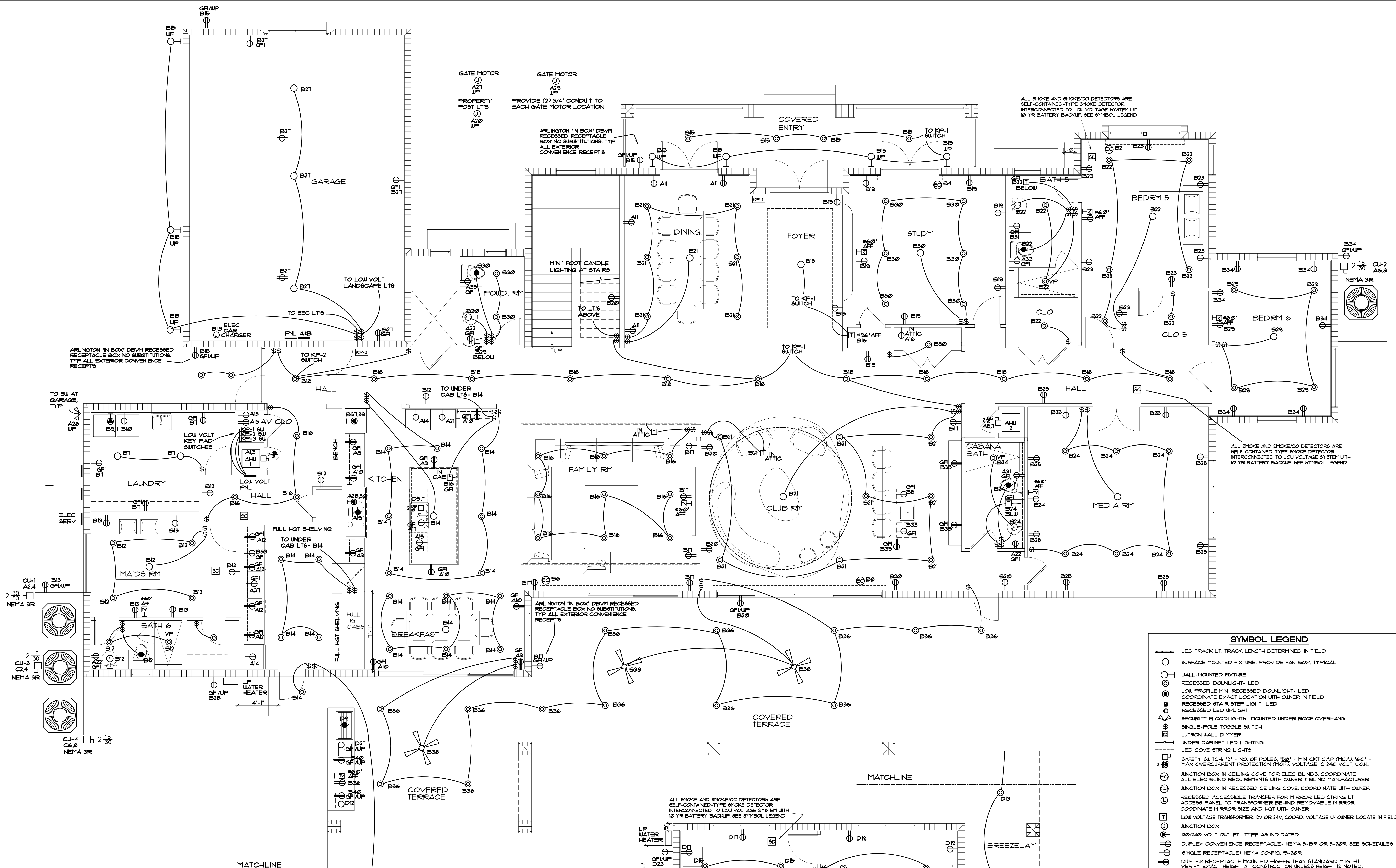
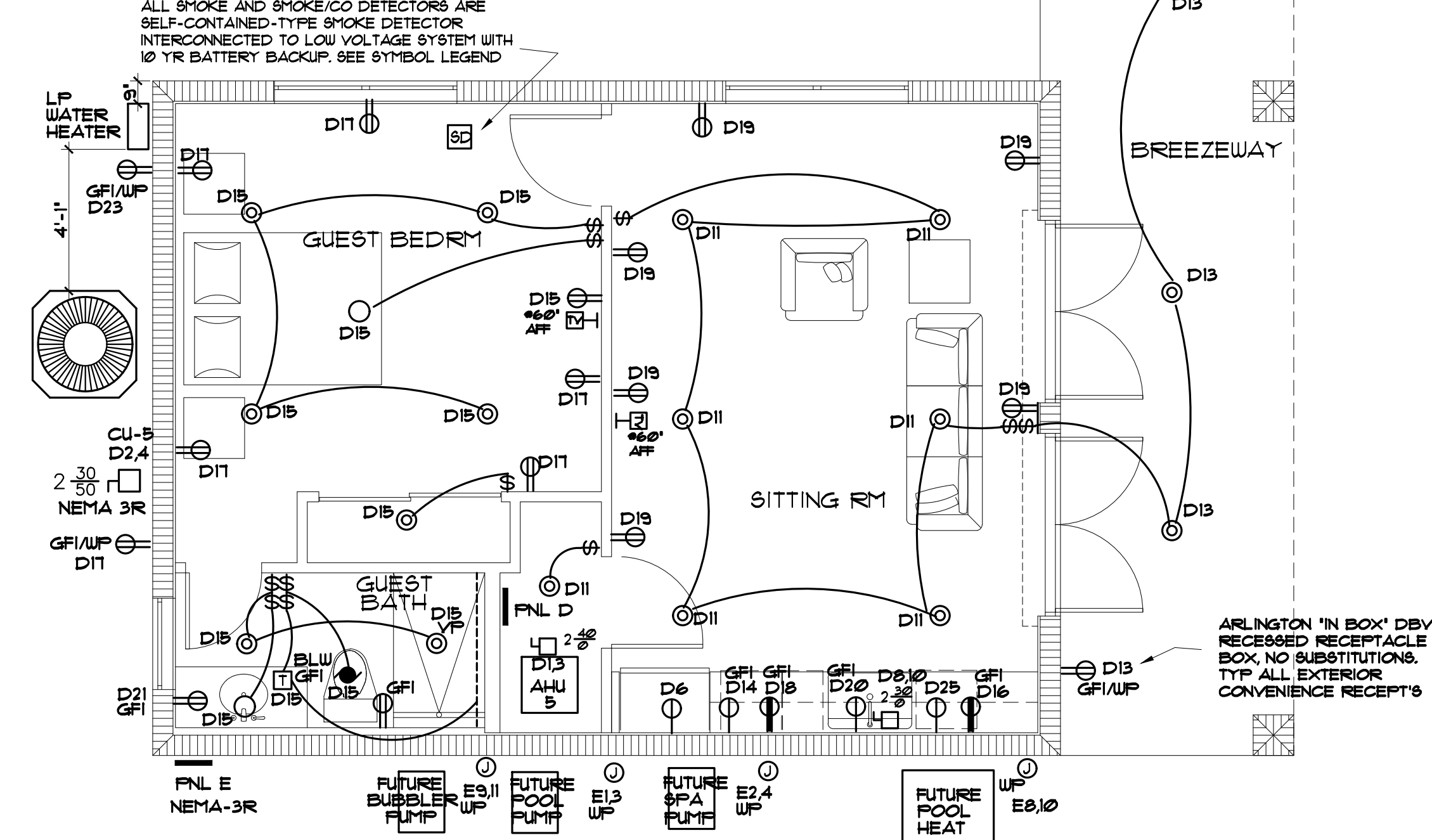




1ST FL ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



ELECTRICAL PLAN AT GUEST QUARTERS
SCALE: 1/4" = 1'-0"

SYMBOL LEGEND

---	LED TRACK LT, TRACK LENGTH DETERMINED IN FIELD
○	SURFACE MOUNTED FIXTURE, PROVIDE FAN BOX, TYPICAL
○	WALL-MOUNTED FIXTURE
○	RECESSED DOWNLIGHT - LED
○	LOW PROFILE MINI RECESSED DOWNLIGHT - LED
○	COORDINATE EXACT LOCATION WITH OWNER IN FIELD
○	RECESSED STAIRSTEP LIGHT - LED
○	RECESSED LED UPLIGHT
○	SECURITY FLOODLIGHTS, MOUNTED UNDER ROOF OVERHANG
○	SINGLE-POLE TOGGLE SWITCH
○	LUTRON WALL DIMMER
○	UNDER CABINET LED LIGHTING
○	LED COVE STRIPS LIGHTS
○	SAFETY SWITCH 1" x NO. OF POLES 150" x MIN. OCP KAT (MCA) 160" x MAX. OVERCURRENT PROTECTION (MOP), VOLTAGE IS 240 VOLT, U.O.N.
○	JUNCTION BOX IN CEILING COVE FOR ELEC. BLINDS, COORDINATE ALL ELEC. BLIND REQUIREMENTS WITH OWNER & BLIND MANUFACTURER
○	JUNCTION BOX IN RECESSED CEILING COVE, COORDINATE WITH OWNER
○	RECESSED ACCESSIBLE TRANSFER FOR MIRROR LED STRING LT. ACCESS PANEL TO TRANSFORMER BEHIND REMOVABLE MIRROR, COORDINATE MIRROR SIZE AND HGT WITH OWNER
○	LOW VOLTAGE TRANSFORMER, 12V OR 24V, COORD. VOLTAGE W/ OWNER, LOCATE IN FIELD
○	JUNCTION BOX
○	120/240 VOLT OUTLET, TYPE AS INDICATED
○	DUPLEX CONVENIENCE RECEPTACLE - NEMA 5-15R OR 5-20R, SEE SCHEDULES
○	SINGLE RECEPTACLE - NEMA CONFIG. 5-20R
○	DUPLEX RECEPTACLE MOUNTED HIGHER THAN STANDARD MTS. HT., VERIFY EXACT HEIGHT AT CONSTRUCTION UNLESS HEIGHT IS NOTED.
○	DUPLEX RECEPTACLE RECESSED IN COUNTER WITH POP UP ACTIVATION
○	TELEPHONE OUTLET - CAT 6 CABLE
○	TV RECEPTACLE - CAT 6 CABLE & RG6 CABLE & AUDIO CABLES
○	MOTOR, SIZE AS NOTED
○	INDICATES WEATHERPROOF NEMA 4X OR 5X
○	A.F.F. INDICATES ABOVE FINISHED FLOOR
○	G.F.I. INDICATES GROUND FAULT INTERRUPTOR
○	KP-1 LOW VOLTAGE KEYPAD, OWNER TO SELECT LOW VOLTAGE LIGHTING SYSTEM
○	SELF-CONTAINED-TYPE SMOKE DETECTOR INTERCONNECTED TO LOW VOLTAGE SYSTEM WITH 10 YR BATTERY BACKUP
○	SELF-CONTAINED-TYPE SMOKE & CARBON MONOXIDE DETECTOR INTERCONNECTED TO LOW VOLTAGE SYSTEM WITH 10 YR BATTERY BACKUP
○	5" FAN PER OWNER'S SPECIFICATIONS
○	W/ LUTRON ADJUSTABLE SPEED SWITCH

NOTE:

APPLICABLE CODES - 2023 FLORIDA BUILDING CODE - RESIDENTIAL

2020 NEC - COMPLY WITH NEC210.8(A) Dwelling Units: Receptacles in dwelling rooms & areas listed require GFCI protection for all 125-volt, through 250-volt receptacles.

ALL SMOKE DETECTORS TO BE INTERCONNECTED, THIS HOUSE CONTAINS 12 OR LESS DETECTORS, A HOUSEHOLD FIRE WARNING SYSTEM PANEL IS NOT REQUIRED.

ALL 15A AND 20A RECEPTACLES TO BE LISTED TAMPER RESISTANT RECEPTACLES.

90% OF LIGHTING TO BE RATED ENERGY EFFICIENT AS PER 2023 FBC

REVISION BY

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LEED AP BD+C

NOTE:
ALL DRAWINGS FOR THIS PROJECT ARE TO BE READ IN CONJUNCTION WITH EACH OTHER. THESE INCLUDE, BUT ARE NOT LIMITED TO: ARCHITECTURAL, SURVEYING, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, SPECIALTY DRAWINGS, & WRITTEN SPECIFICATIONS

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STATE OF FLORIDA
Architect
AR0017521
REGISTERED ARCHITECT

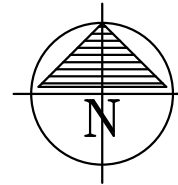
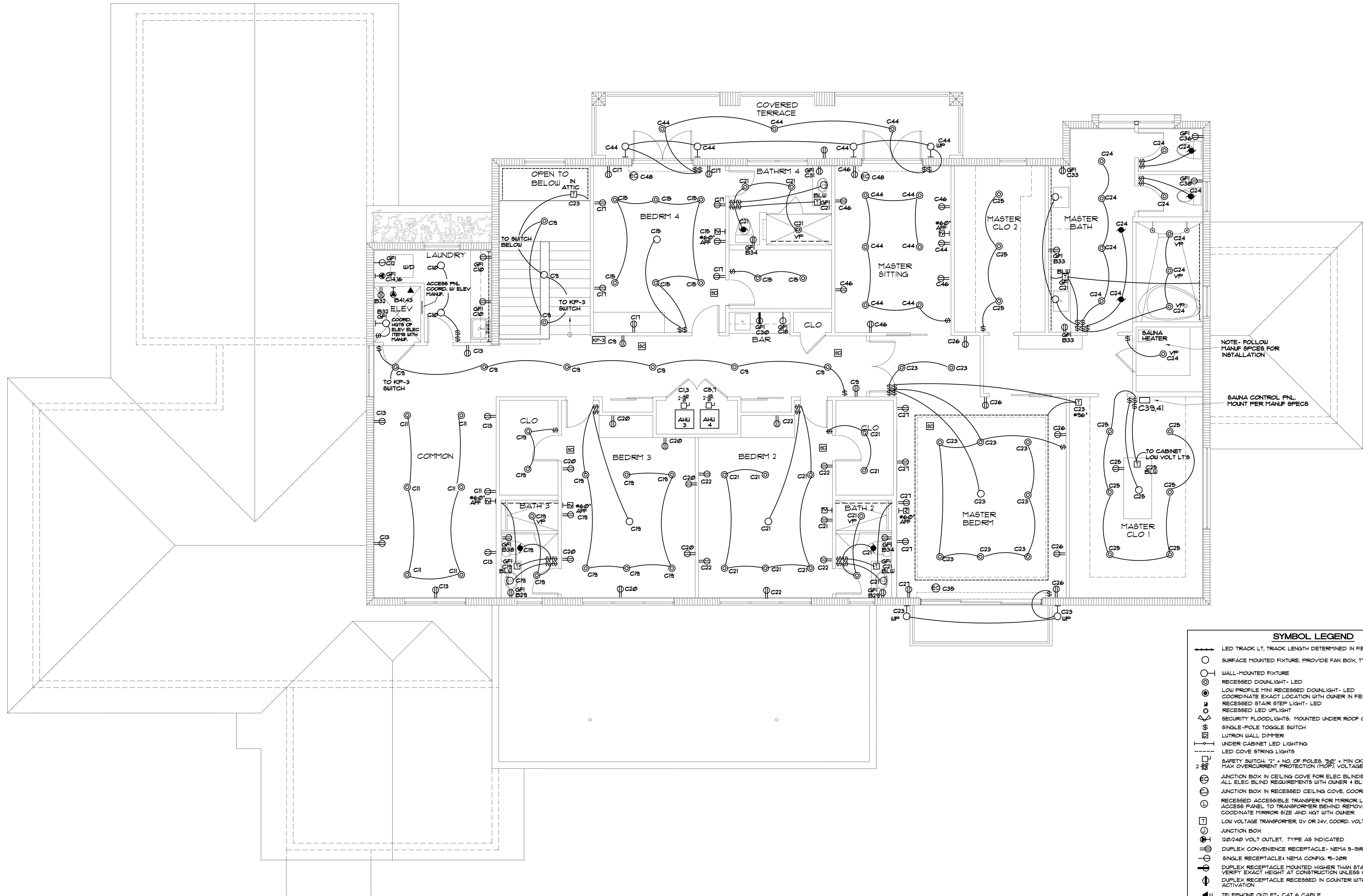
NEW HOUSE FOR:
RKTA 6300 LLC
6300 SW 98 ST
PINECREST, FL

DRAWN BY:
MER

DATE:
1/10/26

SCALE:
AS NOTED

SHEET NO.:
E-1



2ND FL ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

SYMBOL LEGEND

- LED TRACK LT, TRACK LENGTH DETERMINED IN FIELD
- SURFACE MOUNTED FIXTURE, PROVIDE FAN BOX, TYPICAL
- WALL-MOUNTED FIXTURE
- RECESSED DOWNLIGHT- LED
- LOW PROFILE (MIN) RECESSED DOWNLIGHT- LED
- COORDINATE EXACT LOCATION WITH OWNER IN FIELD
- RECESSED STAIR STEP LIGHT- LED
- RECESSED LED UPLIGHT
- SECURITY FLOODLIGHTS, MOUNTED UNDER ROOF OVERHANG
- SINGLE-POLE TOGGLE SWITCH
- LUTRON WALL DIMMER
- UNDER CABINET LED LIGHTING
- LED COVE STRING LIGHTS
- SAFETY SWITCH, 1" x NO. OF POLES, 150" x MIN OBT CAP (MCA), 160" x MAX OVERCURRENT PROTECTION (MOP), VOLTAGE IS 240 VOLT, U.O.N.
- JUNCTION BOX IN CEILING COVE FOR ELEG BLINDS, COORDINATE ALL ELEG BLIND REQUIREMENTS WITH OWNER & BLIND MANUFACTURER
- JUNCTION BOX IN RECESSED CEILING COVE, COORDINATE WITH OWNER
- RECESSED ACCESSIBLE TRANSFER FOR MIRROR LED STRINGS LT
- ACCESS PANEL TO TRANSFORMER BEHIND REMOVABLE MIRROR, COORDINATE MIRROR SIZE AND HGT WITH OWNER
- LOW VOLTAGE TRANSFORMER, 12V OR 24V, COORD. VOLTAGE W/ OWNER, LOCATE IN FIELD
- JUNCTION BOX
- 120/240 VOLT OUTLET, TYPE AS INDICATED
- DUPLEX CONVENIENCE RECEPTACLE- NEMA 5-15R OR 5-20R, SEE SCHEDULES
- SINGLE RECEPTACLE- NEMA CONFIG. 5-20R
- DUPLEX RECEPTACLE MOUNTED HIGHER THAN STANDARD MTG. HT, VERIFY EXACT HEIGHT AT CONSTRUCTION UNLESS HEIGHT IS NOTED
- DUPLEX RECEPTACLE RECESSED IN COUNTER WITH POP UP ACTIVATION
- TELEPHONE OUTLET- CAT 6 CABLE
- TV RECEPTACLE- CAT 6 CABLE & RG6 CABLE & AUDIO CABLES
- MOTOR, SIZE AS NOTED
- INDICATES WEATHERPROOF NEMA 14 OR 15R
- INDICATES ABOVE FINISHED FLOOR
- INDICATES GROUND FAULT INTERRUPTOR
- LOW VOLTAGE KEYPAD, OWNER TO SELECT LOW VOLTAGE LIGHTING SYSTEM
- SELF-CONTAINED-TYPE SMOKE DETECTOR INTERCONNECTED TO LOW VOLTAGE SYSTEM WITH 10 YR BATTERY BACKUP
- SELF-CONTAINED-TYPE SMOKE & CARBON MONOXIDE DETECTOR INTERCONNECTED TO LOW VOLTAGE SYSTEM WITH 10 YR BATTERY BACKUP
- 8" FAN PER OWNER'S SPECIFICATIONS W/ LUTRON ADJUSTABLE SPEED SWITCH

NOTE:

APPLICABLE CODES- 2023 FLORIDA BUILDING CODE- RESIDENTIAL
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90% OF LIGHTING TO BE RATED ENERGY EFFICIENT AS PER 2023 FBC

REVISION BY

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architect
LIC # AR0017521

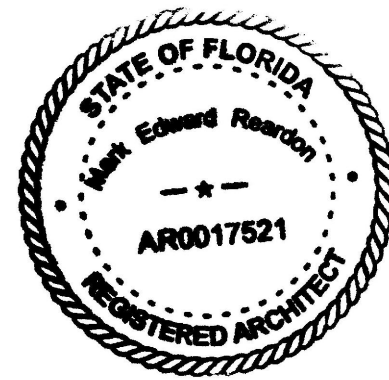
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NEW HOUSE FOR:
RKTA 6300 LLC
6300 SW 98 ST
PINECREST, FL

DRAWN BY: MER
DATE: 1/10/26
SCALE: AS NOTED
SHEET NO.: E-2

PANEL "A"															
		SQ. D. "00"				MAIN BUS: 200 A		NOTES:							
		OR EQ				NEUTRAL: 200 A		① COOLING NON-COINC.							
TYPE:		1FH-3UL				MAINS: 200A CB		② 3/6KW HEAT+ COOLING NON-COINC.							
SERVICE:		VOLTAGE						③ 17KW PAN							
MOUNTING:		120/240						CB RATED FOR 15" C							
		SURFACE						CONDUCTORS							
OCT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	OCT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	AHL-1	2	45	8200	240	2#	②	2	CU-1	2	50	5136	240	2#	①③
3								4							
5	AHL-2	2	45	8200	240	2#	②	6	CU-2	2	30	5136	240	2#	①③
7								8							
9	SM. APPL.	1	20	1500	120	#2		10	SM. APPL.	1	20	1500	120	#2	
11	SM. APPL.	1	20	1500	120	#2		12	SM. APPL.	1	20	1500	120	#2	
13	A/V	1	20	1500	120	#2		14	FREEZER	1	20	1500	120	#2	
15	DISHWASHER 1	1	20	1500	120	#2		16	WINE UNIT	1	20	800	120	#2	
17	GARB. DISP.	1	20	1200	120	#2		18	MICROWAVE	1	20	1500	120	#2	
19	RANGE HOOD	1	20	1200	120	#2		20	POST LT'S	1	15	800	120	#4	
21	REF	1	20	1500	120	#2		22	BATH GFI	1	20	120	120	#2	
23	BAR ICE	1	20	1200	120	#2		24	BATH GFI	1	20	120	120	#2	
25	BAR REF	1	20	1200	120	#2		26	SECURITY LT'S	1	15	800	120	#4	
27	GATE MOTOR	1	20	480	120	#2	1/2 HP44A	28	DUEL REL RANGE	2	30	3500	240	4#	
29	GATE MOTOR	1	20	480	120	#2	1/2 HP44A	30							
31	TOILET	1	20	480	120	#2		32							
33	TOILET	1	20	480	120	#2		34							
35	TOILET	1	20	480	120	#2		36							
37	GARB DISP	1	20	800	120	#2		38							
39								40							
41								42							
CONNECTED LOAD				43,800											

PANEL "D"															
TYPE: SERVICE: VOLTAGE: MOUNTING:		SQ. D. "00" OR EQ 1FH-3UL 120/240 SURFACE		MAIN BUS: 200 A NEUTRAL: 200 A MAINS: 200A CB		NOTES: ① COOLING NON-COINC. ② 3KW HEAT+ COOLING NON-COINC. 3KW FAN		③ CB RATED FOR 15" C CONDUCTORS ④ 661 SF. @ 3W/5F. = 1983							
OCT #	LOAD SERVED	# OF POLES	TRIP	V.A TOTAL	VOLTS	WIRE	NOTE	OCT #	LOAD SERVED	# OF POLES	TRIP	V.A TOTAL	VOLTS	WIRE	NOTE
1	AHL-5	2	40	5100	240	2#		2	CU-5	2	25	2160	240	2#	①③
3								4							
5	TANKLESS EWH-1	2	30	6500	240	2#		6	REF	1	20	1500	120	#2	
7								8	TANKLESS EWH-3	2	30	6500	240	2#	
9	BBQ HOOD	1	20	800	120	#2		10							
11	GEN LIGHTING	1	15	1883	120	#4	④	12	BBQ REF	1	20	1200	120	#2	
13	GEN LIGHTING	1	15	120	#4			14	DISHWASHER	1	20	1200	120	#2	
15	GEN LIGHTING	1	15	120	#4			16	SM AFFLIANCE	1	20	1500	120	#2	
17	GEN LIGHTING	1	15	120	#4			18	SM AFFLIANCE	1	20	1500	120	#2	
19	GEN LIGHTING	1	15	120	#4			20	DRYER	2	30	4500 ¹²⁰ 240	240	4#	
21	BATH GFI	1	20	120	#2			22							
23	LP IGNITION	1	20	120	#2			24	WASHER	1	20	1500	120	#2	
25	MICROWAVE	1	20	1500	120	#2		26	GARB DISP	1	20	800	120	#2	
27	TANKLESS EWH-2	1	30	3500	120	2#		28							
29								30							
31								32							
33								34							
35								36							
37								38							
39								40							
41								42							
CONNECTED LOAD				40/83											

PANEL "B"															
TYPE: SERVICE: VOLTAGE: MOUNTING:		SQ. D. "00" OR EQ 1FH-3UL 120/240 SURFACE		MAIN BUS: 200 A NEUTRAL: 200 A MAINS: 200A CB		NOTES: ① COOLING NON-COINC. ② 3/6KW HEAT+ COOLING NON-COINC. ③ CB RATED FOR 15" C CONDUCTORS ④ 4302 8F. @ 3W/3F. 14,895									
OCT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	OCT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	CAR CHARGER	2	60	10000	240	3#		2	ELEC BLINDS	1	20	480	120	#2	
3								4	ELEC BLINDS	1	20	480	120	#2	
5	BAR REF	1	20	1200	120	#2		6	ELEC BLINDS	1	20	480	120	#2	
7	LAUNDRY CKT	1	20	120	#2			8	ELEC BLINDS	1	20	480	120	#2	
9	DRYER	2	30	5000	240	4#		10	WASHER	1	20	1500	120	#2	
11								12	GEN LIGHTING	1	15	120	#4		
13	GEN LIGHTING	1	15	14895	120	#4	④	14	GEN LIGHTING	1	15	120	#4		
15	GEN LIGHTING	1	15	120	#4			16	GEN LIGHTING	1	15	120	#4		
17	GEN LIGHTING	1	15	120	#4			18	GEN LIGHTING	1	15	120	#4		
19	GEN LIGHTING	1	15	120	#4			20	GEN LIGHTING	1	15	120	#4		
21	GEN LIGHTING	1	15	120	#4			22	GEN LIGHTING	1	15	120	#4		
23	GEN LIGHTING	1	15	120	#4			24	GEN LIGHTING	1	15	120	#4		
25	GEN LIGHTING	1	15	120	#4			26	LP IGNITION RECEP	1	20	120	#2		
27	GARAGE CKT	1	20	120	#2			28	LP IGNITION RECEP	1	20	120	#2		
29	GEN LIGHTING	1	15	120	#4			30	GEN LIGHTING	1	15	120	#4		
31	BATH GFI	1	20	120	#2			32	GEN LIGHTING	1	15	120	#4		
33	BAR ICE	1	20	800	120	#2		34	GEN LIGHTING	1	15	120	#4		
35	SM AFFLIANCE	1	20	1500	120	#2		36	GEN LIGHTING	1	15	120	#4		
37	SPEED OVEN	2	30	3000	240	4#		38	GEN LIGHTING	1	15	120	#4		
39								40	SM AFFLIANCE BBQ	1	20	1500	120	#2	
41	ELEVATOR	2	30	1200	240	3#		42							
43								44							
45								46							
47								48							
49								50							
51								52							
CONNECTED LOAD				48515											

PANEL "E"

SQ. D. "00"
OR EQ
1FH-3UL
120/240
SURFACE

MAIN BUS: 100 A
NEUTRAL: 100 A
MAINS: 100A CB

NOTES:

OCT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	OCT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	RIT POOL PUMP	2	20	2300	240			2	RIT POOL LIGHT	1	15	800	120		
3								4	RIT SPA PUMP	2	20	2300	240		
5	SPRINK PUMP	2	20	2300	120	#12		6							
7								8	RIT POOL HEAT	2	60	6310	240		
9	RIT POOL BUBBLER PUMP	2	20	2300	240			10							
11								12							
13								14							
15								16							
17								18							
19								20							
21								22							
23								24							
25								26							
27								28							
29								30							

CONNECTED LOAD

16,310

PANEL "MDP"															
TYPE: SERVICE: VOLTAGE: MOUNTING:		SQ. D. "00" 1FH-3UL 120/240 SURFACE		MAIN BUS: 400 A NEUTRAL: 400 A MAINS: MLO											
OKT *	LOAD SERVED	# OF POLES	TRIP	V.A TOTAL	VOLTS	WIRE	NOTE	OKT *	LOAD SERVED	# OF POLES	TRIP	V.A TOTAL	VOLTS	WIRE	NOTE
1	PNL A	2	200	43800	120/240	34/10		2	PNL C	2	200	46143	120/240	34/10	
3								4							
5	PNL B	2	200	48515	120/240	34/10		6	PNL D	2	200	40183	120/240	34/10	
7								8							
9	PNL E	2	100	16310	120/240	3/3		10							
11								12							
CONNECTED LOAD				185,011											

PANEL "C"															
TYPE: SERVICE: VOLTAGE: MOUNTING:		SQ. D. "00" OR EQ 1FH-3UL 120/240 SURFACE		MAIN BUS: 200 A NEUTRAL: 200 A MAINS: 200A CB		NOTES:					③ CB RATED FOR 151 C CONDUCTORS				
						① COOLING NON-COINC.					④ SKU HEAT+ COOLING NON-COINC. TKU FAN				
						② 15KW HEAT+ COOLING NON-COINC. TKU FAN					⑤ 3400 B.F. = 30U/5F = 10/203				
OKT *	LOAD SERVED	# OF POLES	TRIP	V/A TOTAL	VOLTS	WIRE	NOTE	OKT *	LOAD SERVED	# OF POLES	TRIP	V/A TOTAL	VOLTS	WIRE	NOTE
1	AHU-3	2	50	8200	240	2#	②	2	CU-3	2	30	3840	240	2#	①③
3								4							
5	AHU-4	2	40	5100	240	2#	④	4	CU-4	2	30	3840	240	2#	①③
7								8							
9	GEN LIGHTING	1	15	10203	120	#4	⑤	10	LAUNDRY CKT	1	20		120	#2	
11	GEN LIGHTING	1	15		120	#4		12	WASHER 2	1	20	1500	120	#2	
13	GEN LIGHTING	1	15		120	#4		14	DRYER 2	2	30	5000	240	#4	
15	GEN LIGHTING	1	15		120	#4		16							
17	GEN LIGHTING	1	15		120	#4		18	REF UNDER CAB	1	20	1200	120	#2	
19	GEN LIGHTING	1	15		120	#4		20	GEN LIGHTING	1	15		120	#4	
21	GEN LIGHTING	1	15		120	#4		22	GEN LIGHTING	1	15		120	#4	
23	GEN LIGHTING	1	15		120	#4		24	GEN LIGHTING	1	15		120	#4	
25	GEN LIGHTING	1	15		120	#4		26	GEN LIGHTING	1	15		120	#4	
27	GEN LIGHTING	1	15		120	#4		28	GEN LIGHTING	1	15		120	#4	
29	BATH GFI	1	20	120	120	#2	30	8M APPLIANCE	1	20	1500	120	120	#2	
31	BATH GFI	1	20	120	120	#2	32	ELEC BLINDS	1	20	480	120	120	#2	
33	BATH GFI	1	20	120	120	#2	34	TOILET	1	20	480	120	120	#2	
35	ELEC BLINDS	1	20	480	120	#2	36	TOILET	1	20	480	120	120	#2	
37	ELEV SERVICE RECEPT	1	20	120	120	#2	38	TOILET	1	20	480	120	120	#2	
39	SUNA STEAMER	2	50	3000	240	2#	40	TOILET	1	20	480	120	120	#2	
41							42	TOILET	1	20	480	120	120	#2	
43							44	GEN LIGHTING	1	15		120	#4		
45							46	GEN LIGHTING	1	15		120	#4		
47							48	ELEC BLINDS	1	20	480	120	120	#2	
49							50								
51							52								
CONNECTED LOAD															
46.143															