



CONDO/UNIT 501/02 ELECTRICAL PLAN
SCALE: 1/4" = 1'-0" JUST FOR NEW DROP CEILING

VOLTAGE: 208/		3W		TYPE: SIEMENS EQ OR EQUAL		LOAD CENTER		DWELING FLOOR AREA (SQF) =			
MAIN LUGS: 225A		MOUNT: FLUSH		LOCATION: LAUNDRY ROOM		501					
LT	CKT NO	LOAD DESCRIPTION	BKR	WIRING AND CONDUIT	CONNECTED VA		WIRING AND CONDUIT	BKR	LOAD DESCRIPTION	CKT NO	
					A	B					
AC	1	AC	(2)	2 50	2#8, 1#10G-1"C	2828	3328				
AC	3		-	-				2828	3328		
G	5	IT REC	(3)	1 20	2#12, 1#12G-1/2"C	(1)	2496			2	40
G	7	HOOD	(3)	1 20	2#12, 1#12G-1/2"C			408	2496		
G	9	FREEZER	(3)	1 20	2#12, 1#12G-1/2"C	1000	1200			2	30
G	11	WINE COOLER	(3)	1 20	2#12, 1#12G-1/2"C			1000	1000	1	20
G	13	DRYER		2 30	3#10, 1#10G-3/4"C	2500	480			1	20
G	15		-	-				2500	1450	2	30
G	17	WASHER	(4)	1 20	2#12, 1#12G-1/2"C	1500				1	20
G	19	SMALL APPLIANCE	(3)	1 20	2#12, 1#12G-1/2"C			1500	(1)	1	20
G	21	SMALL APPLIANCE	(3)	1 20	2#12, 1#12G-1/2"C	1500	(1)			1	20
G	23	BTHRM LT/REC		1 20	2#12, 1#12G-1/2"C			(1)	(1)	1	20
G	25	BTHRM LT/REC		1 20	2#12, 1#12G-1/2"C	(1)	(1)			1	20
G	27	BTHRM LT/REC		1 20	2#12, 1#12G-1/2"C			(1)	(1)	1	20
G	29	BTHRM LT/REC		1 20	2#12, 1#12G-1/2"C	(1)	(1)			1	20
G	31	BTHRM LT/REC		1 20	2#12, 1#12G-1/2"C			(1)	(1)	1	20
G	33	BTHRM LT/REC		1 20	2#12, 1#12G-1/2"C	(1)	(1)			1	20
AC	35	AC	(2)	2 30	2#10, 1#10G-3/4"C			1841	(1)	1	20
AC	37		-	-		1841	2828			2	50
AC	39	AC	(2)	2 30	2#10, 1#10G-3/4"C			1841	2828		
AC	41		-	-							
G	43		-	-							
G	45		-	-							
G	47		-	-							
G	49		-	-							
G	51		-	-							
G	53		-	-							
CONNECTED VA:						23342	23020				
CONNECTED LOAD =						62151 VA					

(1) LIGHTS AND RECEPTACLES CIRCUITS ARE PART OF THE 3VA PER SQUARE FEET GENERAL LIGHTING LOAD. NEC 220.12

(2) PROVIDE HACR TYPE BREAKER

(3) DENOTES BRANCH CIRCUITS BREAKERS TO BE A.F.C.I TYPE PER NEC 210.12B WITH INDEPENDENT NEUTRAL RUN

(4) DENOTES BRANCH CIRCUITS BREAKERS TO BE GF1/A.F.C.I COMBO BREAKER

(5) PROVIDE BREAKER-LOCK

INTERIOR LIGHTS	
L1	Projector in recessed track, Dimmable Led 14W/600m/2700K, CRI 90
L2	LED lighting module for recessed track, Dimmable Led 11W/730lm/2700K, CRI 90
L3	Wall washer lighting module for recessed track, Dimmable Led 11W/730lm/2700K, CRI 90
L4	LED strip 1000mm/2700K
L5	LED strip 600mm/2700K
L6	Recessed adjustable downlight, LED 10W/600m/CRI 90/2700K
L7	Guide lighting, wall recessed luminaire/2700K
L8	Mini projector/2700K in furniture recessed track
L9	Mini linear LED light, with equal diffuser/2700K in furniture recessed track

LEGEND	
⊕	ELECTRICAL DBL. OUTLET
⊖	WALL MOUNTED (SCONCES) LIGHT
⊙	ELECTRICAL OUTLET
⊕	ELECTRICAL PANEL
⊖	LIGHT RECEPTACLES
⊙	SMOKE DETECTOR AT CEILING
⊙	SMOKE DETECTOR AT WALLS
⊙	FIRE ALARM (SOUND) AT CEILING
⊙	FIRE ALARM (SOUND) AT WALLS
⊙	EXHAUST FAN
⊕	JUNCTION BOX
⊕	RECESS LIGHT ROUND
⊕	RECESS LIGHT SQUARE
⊕	KEY PAD
⊕	EXIT SIGN
⊕	DATA--CABLE
⊕	TV SET
⊕	RECESS 2x16W FLUOR LIGHTS
⊕	MOTION SENSOR SWITCH

ELECTRICAL JOB
INTERIOR REMODELING & RENOVATION LEVEL 1
FLORIDA BUILDING CODE 2023 8th EDITION

NOTE:
IF HAVE TO RELOCATED ANY ELECTRIC FIRE ALARM SOUND, THE SHOP-DRAWINGS FOR IT WILL BE PROVIDED.

EXISTING CONDITIONS:
EXIST. CONDITIONS ARE BASED ON AS-BUILD DWGS. ARCHITECT/ENGINEER TAKES NO RESPONSIBILITY FOR ANY DISCREPANCIES. CONTRACTOR TO VERIFY IN FIELD EXISTING CONDITIONS AND NOTIFY TO ARCHITECT/ENGINEER ANY CHANGES. EXISTING LIGHTINGS IN COMMON AREAS (FAMILY, LIVING, DINING, KITCHEN, VESTIBULE AND HALLWAY) ARE CONTROLLED VIA CRESTON CONTROL MODULES. EXISTING LIGHTING FIXTURES CIRCUITS ARE CONNECTED TO LIGHTING CONTROL PANEL. REFER TO LIGHTING CONTROL VENDOR AS-BUILD PLANS FOR MORE INFORMATION ABOUT EXISTING CONDITIONS. LOW VOLTAGE APPLICATIONS ARE UNDER SEPARATE PERMIT.

NOTES:
1.-NOT ANY APPLIANCE LOAD HAS BEEN ADDED.
2.-ALL SMOKE DETECTORS ARE EXISTING AND SHALL BE 120 V. W/BATTERY BACKUP, INTERCONNECTED AND LOCATED 36" MIN. AWAY FROM ANY A/C GRILLE OR REGISTER.

SCOPE OF WORK ELECTRICAL

- ALL EXISTING LIGHTS AND OUTLETS REMAIN THE SAME.
- ALL KITCHEN DEDICATED CIRCUITS ARE EXISTING TO REMAIN.
- NOT ANY APPLIANCE LOAD HAS BEEN ADDED, ONLY LED LIGHTS.
- NOT ANY WORK ON EXISTING ELECTRICAL PANEL, NEITHER LOW VOLTS PANEL. USED EXISTING CIRCUITS UNDER WORKING AREAS.
- PROVIDE AND INSTALL NEW RECESSED LED LIGHTS AT NEW DROP CEILINGS ON FAMILY KITCHEN, LIVING AREA AND MASTER BEDROOM. ALSO PROVIDE NEW LED STRIP LIGHTS AT PERIMETER OF NEW DROP CEILINGS AS SHOWN ON PLAN.
- ON BATHS 2, 3 AND 4, ALL OUTLETS, GFI, DEDICATED CIRCUITS AND SWITCHES ARE EXISTING AND REMAIN THE SAME.
- ON MASTER BATH THE OUTLETS, GFI AND DEDICATED CIRCUITS ARE EXISTING AND REMAIN THE SAME.

E DENOTE EXISTING TO REMAIN
E/R DENOTE EXISTING TO BE RELOCATED
N DENOTE NEW

GENERAL NOTES

- ALL SMOKE DETECTORS SHALL BE MOUNTED 3"-0" AWAY FROM A/C DIFFUSER AND 4" TO 12" BELOW CEILING ON WALL.
- ON KITCHEN, ALL ELECTRICAL FIXTURES, GFI OUTLETS, DEDICATED CIRCUITS AND SWITCHES ARE EXISTING AND REMAIN THE SAME.
- COORDINATE ALL CEILING FIXTURES TYPES & HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO BIDDING AND INSTALLATION.
- ALL 15A OR 20A, 120V RECEPTACLES INSTALLED ON KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, LIBRARY, BEDROOM, LAUNDRY, HALLWAYS OR ANY ROOMS SHALL BE TAMPER RESISTANT.
- ALL 15A/20A, 120V BRANCH CIRCUIT IN DWELLING UNITS SUPPLYING IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, LIBRARIES, BEDROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS MUST BE PROTECTED BY A LISTED AFCI DEVICE OR THE COMBINATION TYPE.

Fine Line Engineers Inc.
Electrical, Mechanical, Plumbing
Fire Protection, Construction Administration
2089 W. 76th Street, Hialeah, FL 33016
Voice: 786-953-4901 - Fax: 786-953-4907
E-mail: cadinfo@fineengineers.com

GEORGE FREJO, P.E.
REGISTERED ENGINEER NO. 32578
STATE OF FLORIDA - C#F: 29796

DATE _____



WESTHAVEN
CONSTRUCTION SERVICES, INC.
2400 W 84 Street Suite 20, Hialeah FL 33016
305-556-1418 Cell 305-979-8624

Fine Line Engineers Inc.
Electrical, Mechanical, Plumbing, Fire Protection
2089 WEST 76TH STREET, HIALEAH, FLORIDA, 33016
E-mail: mraz@fineengineers.com

NEW DROP CEILING and FINISH FOR:
Mr. C RESIDENCES TOWER T1
CONDO UNIT No 501/502
Susana Hernandez / Ignacio Pakciartz
2655 S Bayshore Drive, Coconut Grove, FL 33133

JOB No.	2405 ROD	
STARTED:	05/13/24	
COMPLETED:	06/03/24	
REVISION		
No.	DESCRIPTION	DATE

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