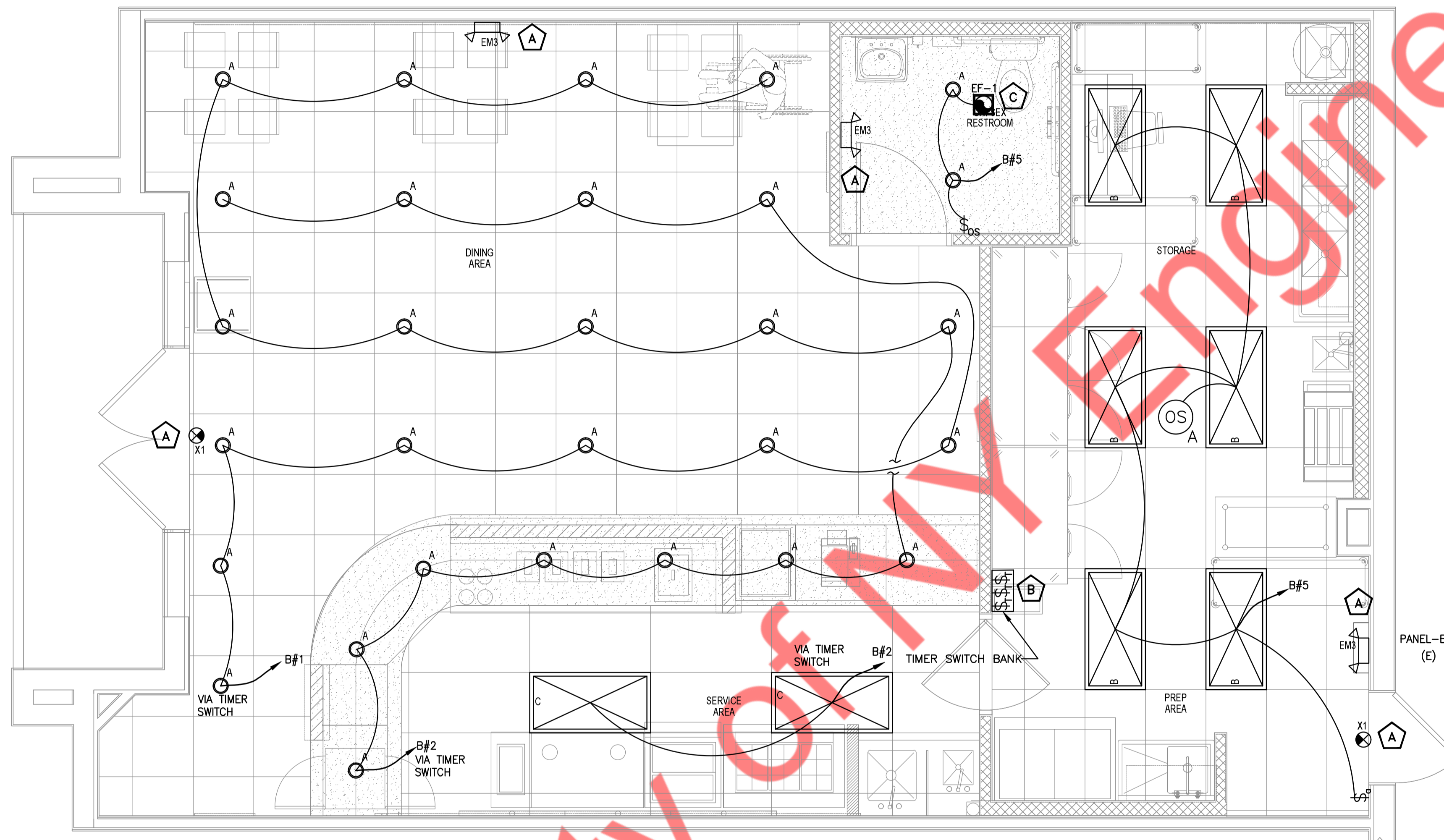


LIGHT FIXTURE SCHEDULE

FIXTURE SYMBOL	FIXTURE TAG	MANUFACTURER & MODEL #:	DESCRIPTION	LAMP/WATT	NOTES	SUPPLIED	INSTALLED
○	A	CONTECH LIGHTING - RF6-L1-30K-C-G-WHT	6" LED DOWNLIGHT	15 W LED 1000 LUMENS	1. TRIM SHALL BE WHITE 2. 15 WATT LAMP, DRIVER 0.90 PF 3. 16.7 FIXTURE WATTAGE 4. 120 VOLT	GC	GC
⊠	B	LEVITON SKT24	2'X4' L.E.D. TROFFER (BACK OF HOUSE)	40W LED 4400 LUMENS	1. TRIM SHALL BE WHITE 2. 40 WATT LAMP, DRIVER 0.90 PF 3. 44.4 FIXTURE WATTAGE 4. 120 VOLT	GC	GC
⊠	C	INTENSE LIGHTING - LC24-L1-840-W	2'X4' L.E.D. BASKET TROFFER (FRONT OF HOUSE)	40W LED 4469 LUMENS	1. TRIM SHALL BE WHITE 2. 40 WATT LAMP, DRIVER 0.90 PF 3. 44.4 FIXTURE WATTAGE 4. 120/277 VOLT	GC	GC
⊗	X1	CONTECH LIGHTING - EXREM	L.E.D. EXIT SIGN	2W LED	1. TRIM SHALL BE WHITE 2. MUST HAVE 90 MINUTE BATTERY BACK-UP	GC	GC
⊞	EM3	LITHONIA LIGHTING - AFN-DB-EXT	EMERGENCY LIGHT WITH 90 MIN. BATTERY BACK-UP	XENON 6WATT WEDGE BASE	1. TRIM SHALL BE WHITE 2. MUST HAVE 90 MINUTE BATTERY BACK-UP	GC	GC



NOTE:
E.C. SHALL COORDINATE WITH ARCHITECT/OWNER FOR THE FINAL SELECTION, QUANTITY AND MOUNTING DETAILS OF LIGHTING FIXTURE. FOR MORE DETAILS REFER TO LIGHT FIXTURE SCHEDULE IN ARCHITECTURAL REFLECTED CEILING PLAN OF SHEET A-103.

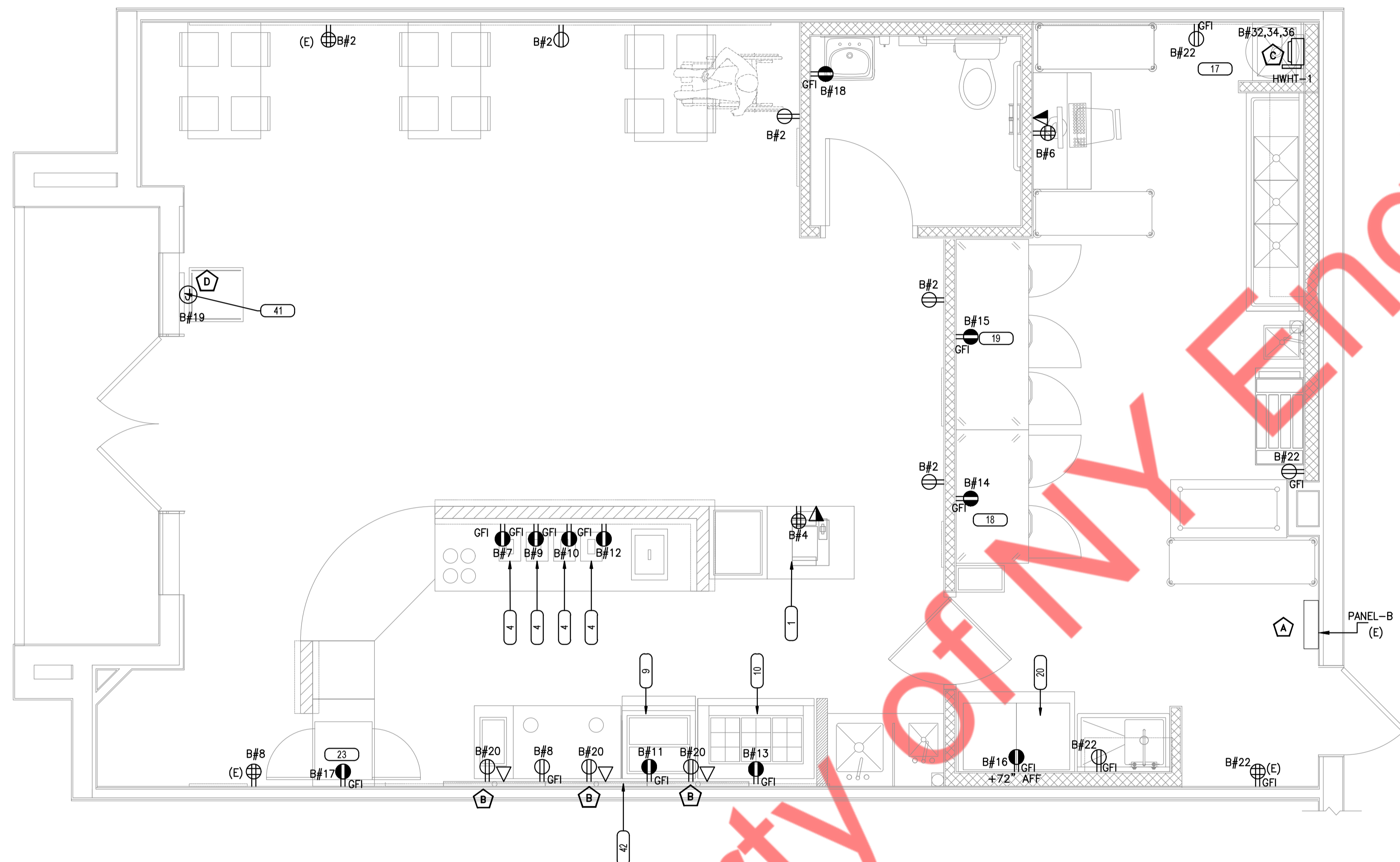
ELECTRICAL PLAN KEYED WORK NOTES:

- ⊞ CONNECT ALL EMERGENCY EGRESS FIXTURES TO B#21 LIGHTING BRANCH CIRCUIT AHEAD OF ALL SWITCHING AND CONTROLS PER STATE AND LOCAL CODES.
- ⊞ COORDINATE EXACT LOCATION OF TIMER SWITCH BANK WITH OWNER/ARCHITECT.
- ⊞ EXHAUST FANS SHALL BE CIRCUITED AND CONTROLLED ALONG WITH THE LIGHT FIXTURES IN THE SAME ROOM.

⊞ LIGHTING PLAN

Scale: 3/8" = 1'-0"

Property of [Redacted]



ELECTRICAL POWER PLAN

Scale: 3/8" = 1'-0"

GENERAL NOTES:

1. MOUNTING HEIGHTS FOR KITCHEN RECEPTACLES SHALL BE COORDINATED WITH ARCHITECT & CORPORATES.

ELECTRICAL PLAN KEYED WORK NOTES:

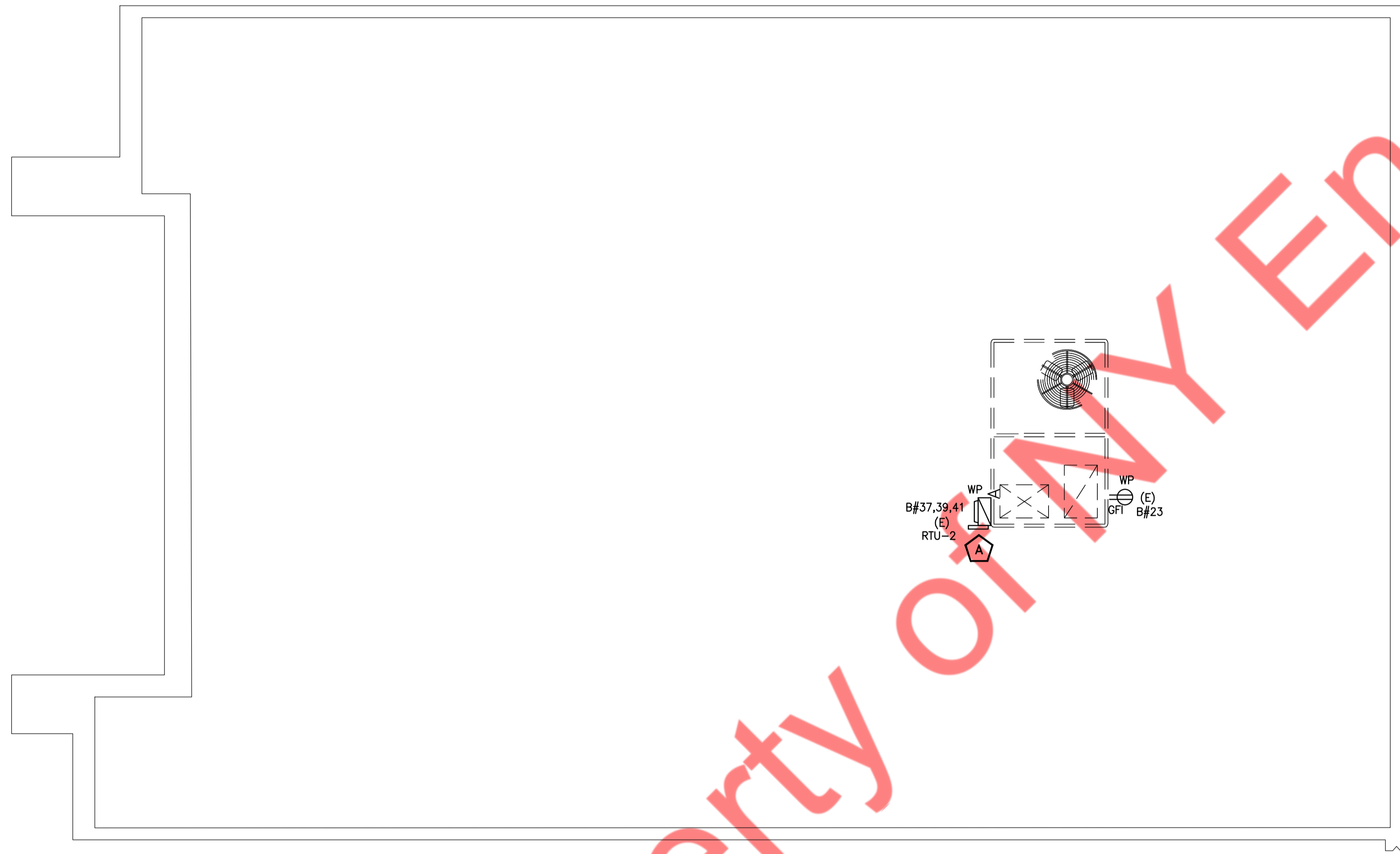
- A EXISTING 200A(MLO), 120/208V, 3-PHASE ELECTRICAL PANEL"B" TO REMAIN.
- B POWER & DATA OUTLETS TO BE AT 104" FROM AFF AND THE CENTER OF THE OUTLETS SHOULD BE 1'-8" FROM BOTTOM OF DISPLAYS. POWER & DATA TO BE AT 2" APART. SPACE THE OTHER OUTLETS BY CENTERS, AS PER #C5 ON ARCHITECTURAL DRAWING REFLECTED CEILING PLAN OF SHEET A-103.
- C WATER HEATER.REFER TO PLUMBING SCHEDULES FOR EXACT LOCATION AND POWER REQUIREMENTS.
- D CEILING MOUNTED JUNCTION BOX FOR #41 LIGHT BOX. E.C. TO COORDINATE EXACT LOCATION WITH ARCHITECT/ OWNER PRIOR TO INSTALLATION.

EQUIPMENT SCHEDULE


EQUIPMENT TAG	EQUIPMENT NAME	VOLTAGE	PHASE	AMPERE	KW
1	POS REGISTER	120	1	3	0.36
4	BLENDER_STEALTH 885	120	1	15	1.8
9	DIPPING FREEZER	115	1	1.1	0.13
10	48" WET TOPPINGS UNIT	115	1	5.8	0.67
17	WATER HEATER	208	3	49.96	18.00
18	2 DOOR UPRIGHT REACH-IN REFRIGERATOR	115	1	5.4	0.62
19	3 DOOR UPRIGHT REACH-IN REFRIGERATOR	115	1	14	1.61
20	ICE FLAKER	115	1	11.8	1.36
23	GLASS DOOR MERCHANDISER	115	1	2.7	0.31
41	LIGHT BOX	120	1	4.17	0.50
42	MENU BOARDS (3)	120	1	5	0.54

GENERAL NOTES:

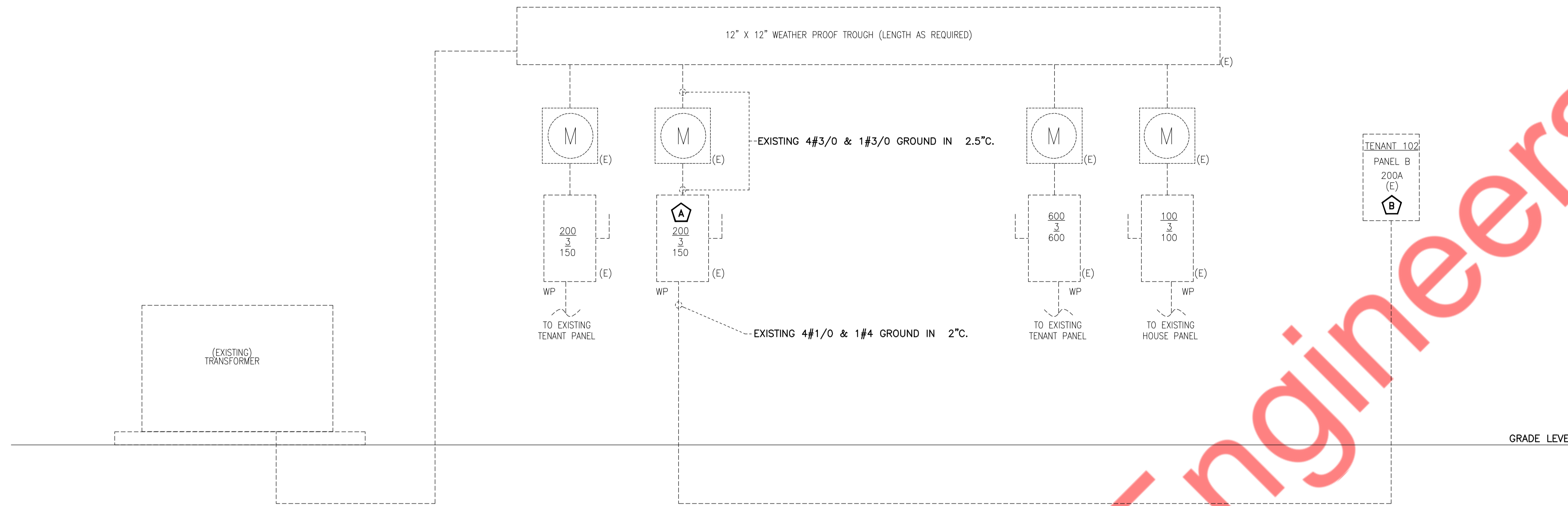
1. E.C. SHALL COORDINATE WITH KITCHEN EQUIPMENT SPECS FOR EXACT POWER REQUIREMENTS



ELECTRICAL PLAN KEYED WORK NOTES:

 EXISTING DISCONNECT SWITCH AND ELECTRICAL CONNECTION FOR EXISTING RTU-2 SHALL REMAIN. E.C. SHALL VERIFY THE EXACT RATING, SIZE AND OPERABLE CONDITION OF EXISTING DISCONNECT SWITCH AND ELECTRICAL CONNECTION IN FIELD. REPLACE IF FOUND INOPERABLE. BASE BID ACCORDINGLY.

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2 ELECTRICAL RISER DIAGRAM
E-401 N.T.S

- GENERAL NOTES:**
1. GIVEN RISER DIAGRAM IS FOR REFERENCE PURPOSES ONLY. E.C. SHALL VERIFY EXACT POWER DISTRIBUTION IN FIELD AND INFORM ENGINEER ON RECORD FOR ANY DISCREPANCY.
 2. E.C. SHALL VERIFY INCOMING SERVICE AMPERAGE, WIRE SIZING AND DISTRIBUTION.
 3. ELECTRICAL CONTRACTOR TO COORDINATE FAULT CURRENT (ISC) RATING WITH UTILITY COMPANY AND AHJ PRIOR TO COMMENCING ANY WORK.
 4. E.C. TO VERIFY OPERABLE CONDITIONS OF EXISTING DEVICES IN FIELD. REPLACE/RECTIFY IF FOUND IN OPERABLE. BASE BID ACCORDINGLY.
 5. EXISTING ELECTRICAL DISTRIBUTION TO BE MAINTAINED AND UTILIZED TO SERVE PROJECT SPACE. POWER RISER DIAGRAM INDICATED FOR REFERENCE PURPOSES ONLY.

- ELECTRICAL PLAN KEYED WORK NOTES:**
- A EXISTING 200A DISCONNECT SWITCH FUSED AT 150A SHALL REMAIN FOR THE PROJECT SPACE. E.C. SHALL VERIFY THE EXACT RATING, SIZE AND OPERABLE CONDITION OF EXISTING DISCONNECT SWITCH AS PER ELECTRICAL LOAD IN FIELD. REPLACE IF FOUND INOPERABLE. BASE BID ACCORDINGLY.
- B EXISTING 200 A, 120/208V, 3-PH ELECTRICAL PANEL "B" SHALL REMAIN. E.C. SHALL VERIFY THE EXACT RATING, SIZE, INCOMING FEEDER SIZE AND OPERABLE CONDITION OF EXISTING ELECTRICAL PANEL "B" IN FIELD. REPLACE IF FOUND INOPERABLE. BASE BID ACCORDINGLY.

PANEL: B (EXISTING)										MOUNTING: SURFACE				
208Y/120	VOLTS,	3	PHASE,	4	WIRE	PANEL LOCATION: PREP. AREA								
MAIN CB:		MLO: 200	BUS: 200A	MIN,	FED FROM: DISC. SWITCH (EXISTING)									
NOTE:														
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD TYPE	LOAD (KVA)	MINIMUM BRANCH CIRCUIT	PER PHASE (KVA)			MINIMUM BRANCH CIRCUIT	LOAD (KVA)	LOAD TYPE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
						A	B	C						
1	20	LIGHTING- DINING	L	0.18	2#12, #12G, 3/4"C	1.26			2#12, #12G, 3/4"C	1.08	R	RECEPTACLES	20	2
3	20	LIGHTING- DINING & SERVICE AREA	L	0.18	2#12, #12G, 3/4"C		0.54		2#12, #12G, 3/4"C	0.36	R	POS REGISTER	20	4
5	20	LIGHTING-STORAGE, REST ROOM & EF-1	L	0.67	2#12, #12G, 3/4"C			1.03	2#12, #12G, 3/4"C	0.36	R	COMPUTER QUAD REC	20	6
7	20	(#4) BLENDER -1	E	1.80	2#12, #12G, 3/4"C	2.34			2#12, #12G, 3/4"C	0.54	R	RECEPTACLES	20	8
9	20	(#4) BLENDER -2	E	1.80	2#12, #12G, 3/4"C		3.60		2#12, #12G, 3/4"C	1.80	E	(#4) BLENDER -3	20	10
11	20	(#9) DIPPING FREEZER	E	0.13	2#12, #12G, 3/4"C			1.93	2#12, #12G, 3/4"C	1.80	E	(#4) BLENDER -4	20	12
13	15	(#10) 48 IN. WET TOPPING UNIT	E	0.70	2#12, #12G, 3/4"C	1.34			2#12, #12G, 3/4"C	0.65	E	(#18) 2 DOOR UPRIGHT REACH-IN REFRIG.	15	14
15	20	(#19) 3 DOOR UPRIGHT REACH-IN REFRIG.	E	1.68	2#12, #12G, 3/4"C		3.10		2#12, #12G, 3/4"C	1.42	E	(# 20) ICE FLAKER	15	16
17	20	(#23) GLASS DOOR MERCHANDISER	E	0.32	2#12, #12G, 3/4"C			1.32	2#12, #12G, 3/4"C	1.00	E	HAND DRYER	20	18
19	20	(#41)LIGHT BOX	L	0.50	2#12, #12G, 3/4"C	1.04			2#12, #12G, 3/4"C	0.54	L	(#42) MENU BOARDS	20	20
21	20	EMERGENCY LIGHT CIRCUIT	L	0.10	2#12, #12G, 3/4"C		1.00		2#12, #12G, 3/4"C	0.90	R	RECEPTACLES	20	22
23	20	ROOF REC	R	0.18	2#12, #12G, 3/4"C			0.18				SPARE	20	24
25	20	SPARE				0.00						SPARE	20	26
27	20	SPARE					0.00					SPARE	20	28
29	20	SPARE						0.00				SPACE	20	30
31	20	SPARE				6.00				6.00	H			32
33	30/2P	SPARE							3#4, #8G, 1"C	6.00	H	(#17) HWHT-1		34
35								6.00		6.00	H		80/3P	36
37			H	4.00		4.00								38
39	60/3P	RTU-2 (ROOF) (E)	H	4.00	3#3, #6G, 1"C (E)		4.00					SURGE PROTECTION (E)	30	40
41			H	4.00				4.00						42
TOTAL CONNECTED LOAD (KVA)						15.99	18.24	14.47						

1 PANEL SCHEDULE
E-401 N.T.S

- GENERAL NOTES:**
1. ALL CIRCUITING SHOWN IS FOR REFERENCE PURPOSE ONLY. E.C. SHALL VERIFY CIRCUITING OF THE EXISTING DEVICES IN FIELD AND INFORM ENGINEER FOR ANY DISCREPANCIES.
 2. ELECTRICAL CONTRACTOR TO VERIFY THE EXACT PANEL SIZES AND INCOMING FEEDER SIZE.
 3. ELECTRICAL CONTRACTOR SHALL VERIFY EXACT CIRCUIT NUMBER & BREAKER SIZE OF EXISTING DEVICES IN FIELD.
 4. E.C. SHALL PROVIDE NEW CIRCUIT BREAKERS IN PLACE OF EXISTING CIRCUIT BREAKERS WHEREVER NECESSARY TO BE IN LINE WITH THE PANEL SCHEDULE.
 5. E.C. SHALL VERIFY THE EXISTING EQUIPMENT LOAD & RATINGS IN FIELD AND ACCORDINGLY CONSIDER THE ELECTRICAL LOAD IN PANEL BOARD SCHEDULE.