

PANEL A (EXISTING)

PANEL 3# 4 WIRE

TYPE NEMA 1

LOC. KITCHEN EXIT

MTG. FLUSH

MAIN M.L.O.

BUS: AMP 200

VOLTS 120/208

FEEDER EXISTING

AT

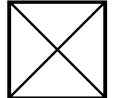
DESCRIPTION	WATTAGE			C	OUTLETS LT RECS	BKR MSC AMP	P	OUTLETS AMP MS REQ	WATTAGE			C	DESCRIPTION						
	A	B							A	B									
(N) AC	2640					50	3	1	2	1	20		POS						
(N) AC		2640				3	1	4	1	20			SANDWICH 1 (MOD)						
(N) AC			2640			5	1	6	1	20			DELI 2						
(E) BREAD	2750					30	3	8	1	20		1080	HOT WELL						
(E) BREAD		2750					9	1	1	20		1320	MICRO 1						
(E) BREAD			2750				11	1	12	20		1500	MICRO 2						
(E) TOAST 1	2500					30	2	13	14	1	20	1200	REF BACK COUNTER						
(E) TOAST 2		2500					15	1	16	1	20		FRNT GFI						
(N) WIC (ADJ)			1440			20	2	17	18	1	20	450	PREP GFI						
(N) WIC	1440						19	1	20	20		960	DRINKS COOLER						
(N) WIF		1850				20	2	21	22	1	20		SODA						
(N) WIF			1850				23	1	24	1	20	400	TEA						
(E) DOOR HEATERS	480					20	1	25	26	1	20	1320	ICE						
(E) SODA BAG		540				20	1	27	28	1	20		HOOD						
(E) SHOW WINDOW/OPEN SIGN			360			20	1	29	30	1	20		MENU						
(E) EM LIGHTS	300					20	1	31	32	1	20	1140	LIGHTS (MOD)						
(E) ROOF GFI		300				20	1	33	34	1	20		LIGHTS						
(E) H2O			2760			50	3	35	36	1	20	960							
(E) H2O	2760						37	1	38										
(E) H2O		2760					39	1	40										
CONNECTED LOAD						2,870	13,340	11,800				6,440	5,240	4970	CONNECTED LOAD				
# A LOAD		19,310																	
# B LOAD		18,580																	
# C LOAD		16,770																	
TOTAL LOAD		54,660																	
54,660		KW+LCL		56.160		KW=		56.2		KW AT		208		VOLTS 3#		156.11		AMPS	

EXISTING PANEL- ALL EXISTING CIRCUITS TO REMAIN.  
NO NEW WIRE PULL OR NEW CIRCUITS

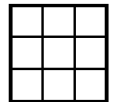
(E) - EXISTING  
(N) - NEW

NOTE: WIRING METHODS

NONRESIDENTIAL PROJECTS SHALL BE WIRED WITH  
AC-90, EMT, FLEX OR EQUAL PROTECTION



- 2X2 ACRYLIC FLOURESCENT LIGHT  
10- T5 60 WATTS



- 2X2 PARABOLIC FLOURESCENT LIGHT  
8- T5 60 WATT



- INCANDESCENT PENDANT LIGHT  
6- 45 WATTS



- INCANDESCENT CAN LIGHTS  
4- 45 WATTS

SCOPE OF WORK

- 1) REPLACE EXISTING PENDANT LIGHTS WITH NEW FIXTURES.
- 2) RE-USE EXISTING SANDWICH LINE CIRCUITS FOR NEW SANDWICH LINE EQUIPMENT
- 3) RE-USE EXISTING WALK-IN COOLER AND FREEZER CIRCUITS FOR NEW WALK-IN COOLER AND FREEZER.
- 4) REPLACE EXISTING LIGHTING WITH NEW 2X2 T-5 LIGHTING.

NOTES:  
EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH AND EXIT SIGNS SHALL BE LOCATED TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL AND SUCH THAT NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN. CBC 1011.1

EXIR SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL POWER SYSTEM (STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON SITE GENERATOR SET) OR AN APPROVED SELF LUMINOUS SYSTEM THAT PROVIDES CONTINUOUS ILLUMINATION INDEPENDANT OF THE EXTERNAL POWER SOURCE TO ENSURE THAT THE EXIT SIGNS ARE ILLUMINATED AT ALL TIMES. CBC 1011.5.3

THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. CBC 1006.2

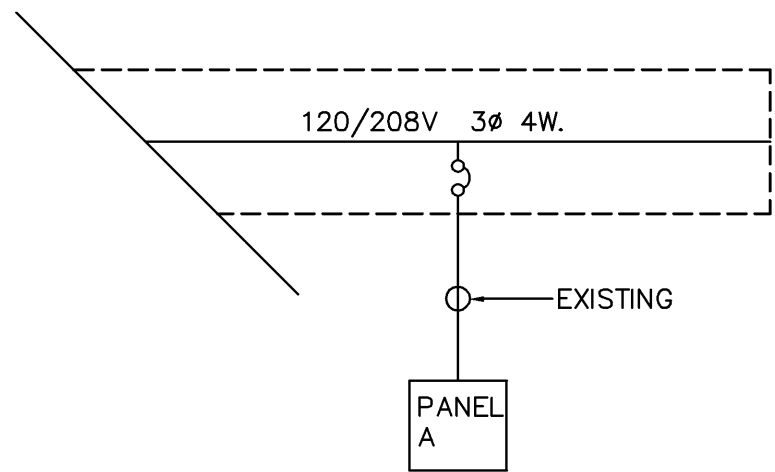
THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE EGRESS SYSTEM. CBC 1006.3

PROVIDE AN ACCESSIBLE MEANS OF EGRESS PER CBC SEC. 1007

EXISTING SHOW WINDOW RECEPTACLE AND CIRCUIT.

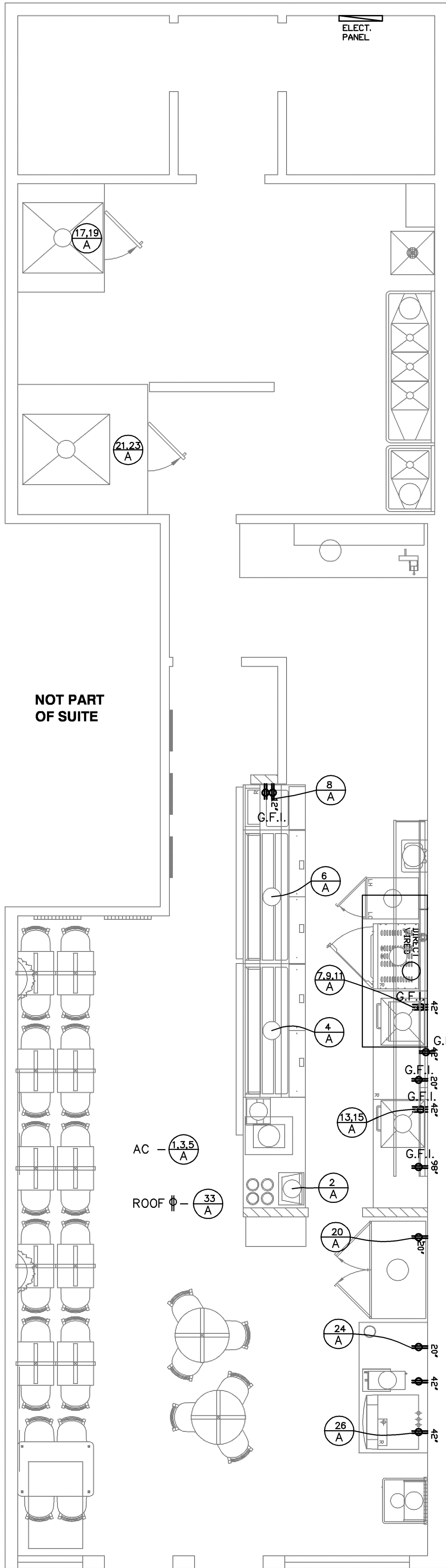
ALL RECEPTACLES IN KITCHEN AND PREP AREA TO HAVE G.F.C.I. PROTECTION.

DAYLIGHTING AREA SHALL HAVE SEPERATE LIGHTING CONTROLS.



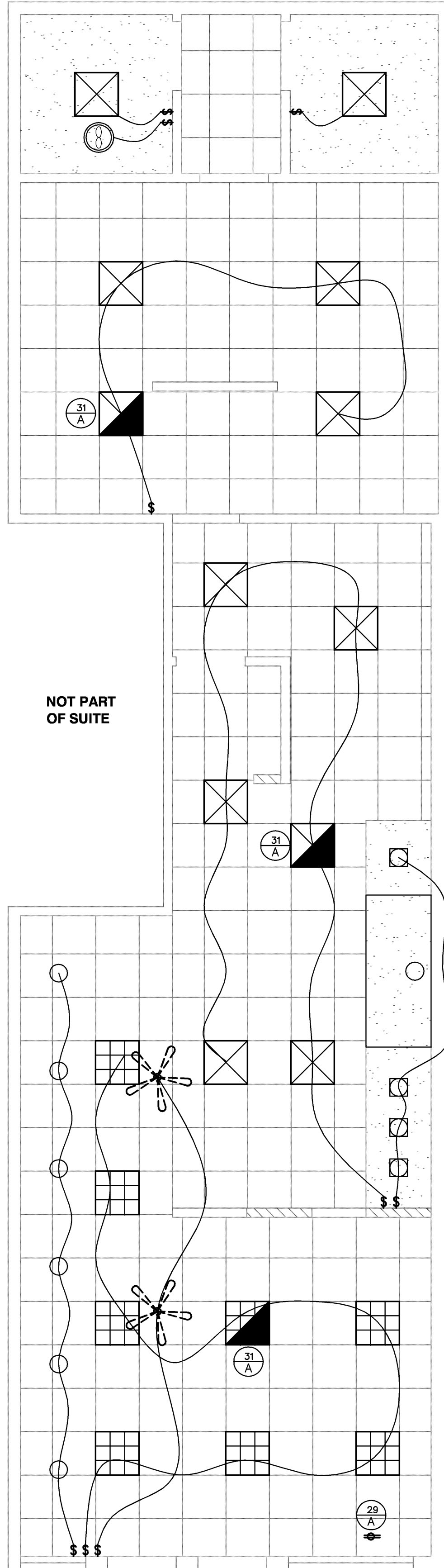
SINGLE LINE DIAGRAM

ALL ITEMS ARE EXISTING



ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



ELECTRICAL LIGHTING PLAN

SCALE: 1/4" = 1'-0"

P.E.  
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PASQUINI  
ENGINEERING

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NO. DATE

SUBWAY  
STORE 2502  
950 FIFTH AVE.  
SAN DIEGO, CA 92101

THESE PLANS ARE NOT  
FOR CONSTRUCTION  
UNLESS A "WET STAMP &  
SIGNATURE" FROM BOTH  
THE ENGINEER OF RECORD  
AND A APPROVAL STAMP  
WITH A "WET STAMP &  
SIGNATURE" FROM THE  
LOCAL GOVERNING  
AGENCY ARE PRESENT.

DWG. BY J.P.  
CHK'D BY  
DATE 8/11/2010  
JOB NO. 6196  
FILE NO. 619622

EXP. 12/31/10

SHEET

E2

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