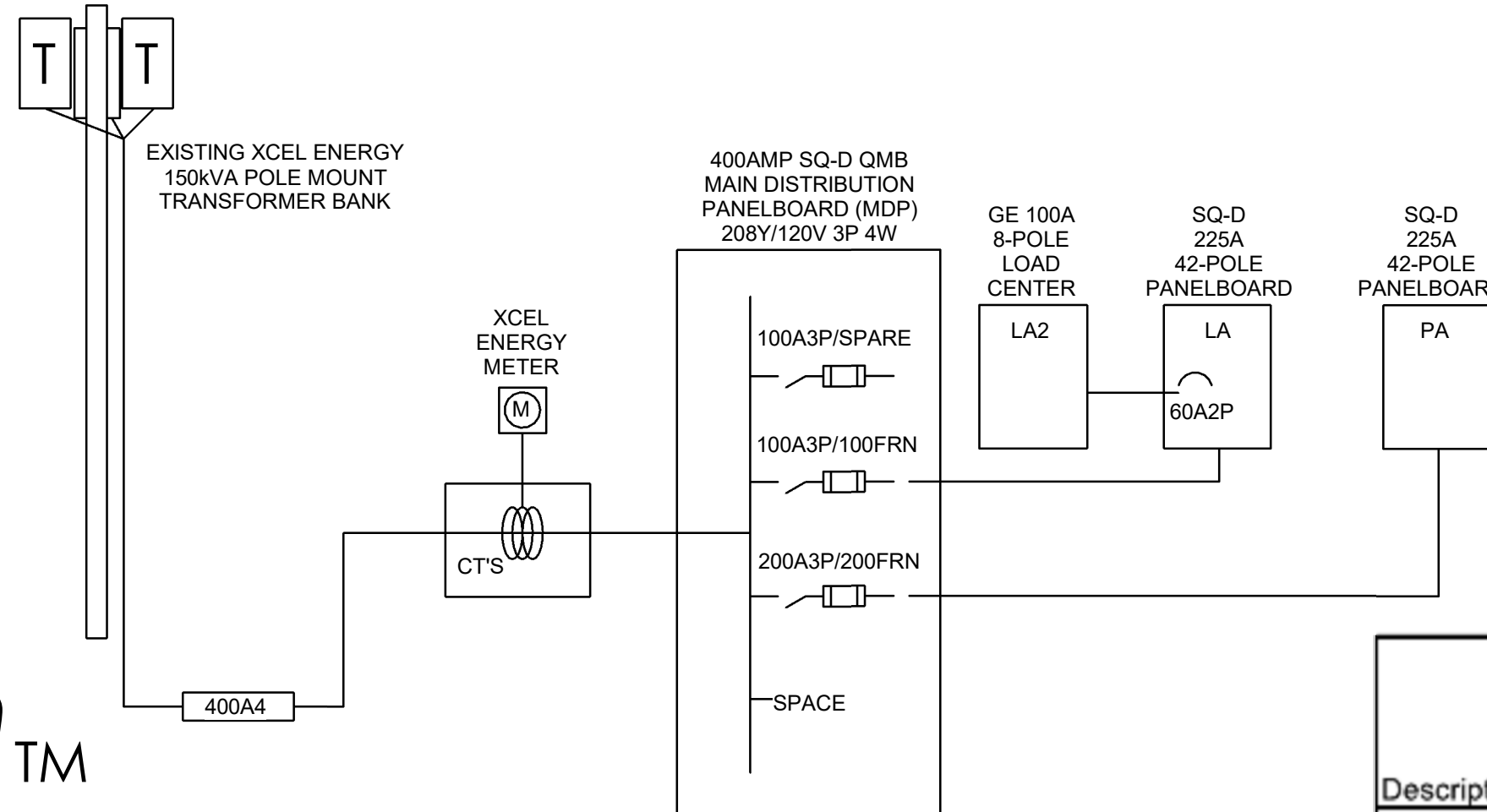
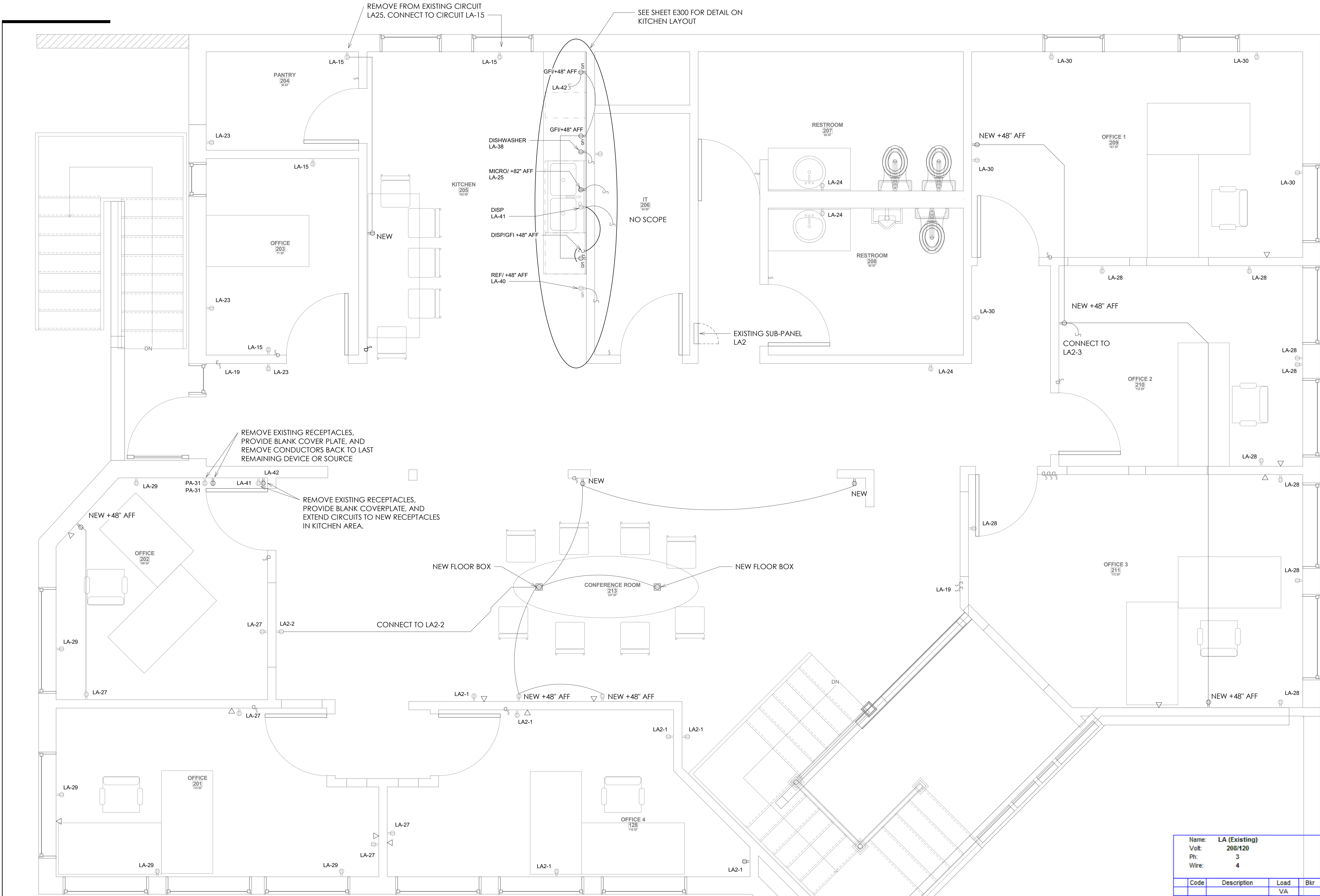




2 EXISTING ONE LINE DIAGRAM
3/4" = 1'-0"

1 LEVEL 2 - LIGHTING & POWER PLAN
1/2" = 1'-0"

Short Circuit Summary							
Point-to-Point * Feeder Summary							
Description	Phase	Length	Isc Avail	# Runs	C	V(L-L)	Isc @ Device
Utility Transformer			14800				14800
@ MDP	3	120	14800	1	26706	208	9529
Panel PA	3	12	9529	1	15082	208	8964
Panel LA	3	8	9529	1	7293	208	8767

Name: LA2 (Existing)									
Volt: 208/120									
Ph: 3									
Wire: 4									
Mnt Method: Surface									
Bus Rating: 225									
Main Breaker: Main Lug Only									
AIC Rating:									
Code	Description	Load VA	Bkr	P	Ph	Ph	Ph	P	Bkr
					A	B	C		
1	2 Rec	1080	20	1	*			1	20
3	1 Rec	830	20	1	*				20
5	2 Existing Load		20	1	*				20
7	2 Existing Load		20	1	*				20
Load Summary									
		830	125%			Per	Phase		
		2340	100%			Ph A	2340	VA	
			50%			Ph B	830	VA	
			100%			Ph C		VA	
			125%					3170 VA	
			100%					3378 VA	
			100%						
			100%					9.39 Amps	

Name: LA (Existing)									
Volt: 208/120									
Ph: 3									
Wire: 4									
Mnt Method: Surface									
Bus Rating: 225									
Main Breaker: Main Lug Only									
AIC Rating:									
Code	Description	Load VA	Bkr	P	Ph	Ph	Ph	P	Bkr
					A	B	C		
1	Existing Load		20	1	*			1	20
3	Existing Load		20	1	*			1	20
5	Existing Load		20	1	*			1	20
7	Existing Load		20	1	*			1	20
9	Existing Load		20	1	*			1	20
11	Existing Load		20	1	*			1	20
13	Existing Load		20	1	*			1	20
15	1 Rec/Ltg	920	20	1	*			1	20
17	1 Rec/Ltg	150	20	1	*			1	20
19	1 Ltg	380	20	1	*			2	60
21	Existing Load		20	1	*				20
23	2 Rec	540	20	1	*			1	20
25	5 Microwave	1000	20	1	*			1	20
27	1 Rec/Ltg	1170	20	1	*			1	20
29	2 Rec	900	20	1	*			1	20
31	2 Rec	360	20	1	*			1	20
33	Existing Load		20	1	*			1	20
35	Existing Load		20	1	*			1	20
37	Existing Load		20	1	*			1	20
39	Existing Load		20	1	*			1	20
41	5 Disposal	750	20	1	*			1	20
Load Summary									
		2620	125%			Per	Phase		
		4860	100%			Ph A	9618	VA	
			50%			Ph B	11188	VA	
			100%			Ph C	10373	VA	
			125%					31178 VA	
			100%					31633 VA	
			100%						
			100%					88.46 Amps	

GENERAL NOTES:

- EXISTING RECEPTACLES SHOWN IN LIGHT LINE WEIGHT; REPLACE DEVICE ONLY
- INSTALL NEW RECEPTACLES WHERE INDICATED ON PLANS.