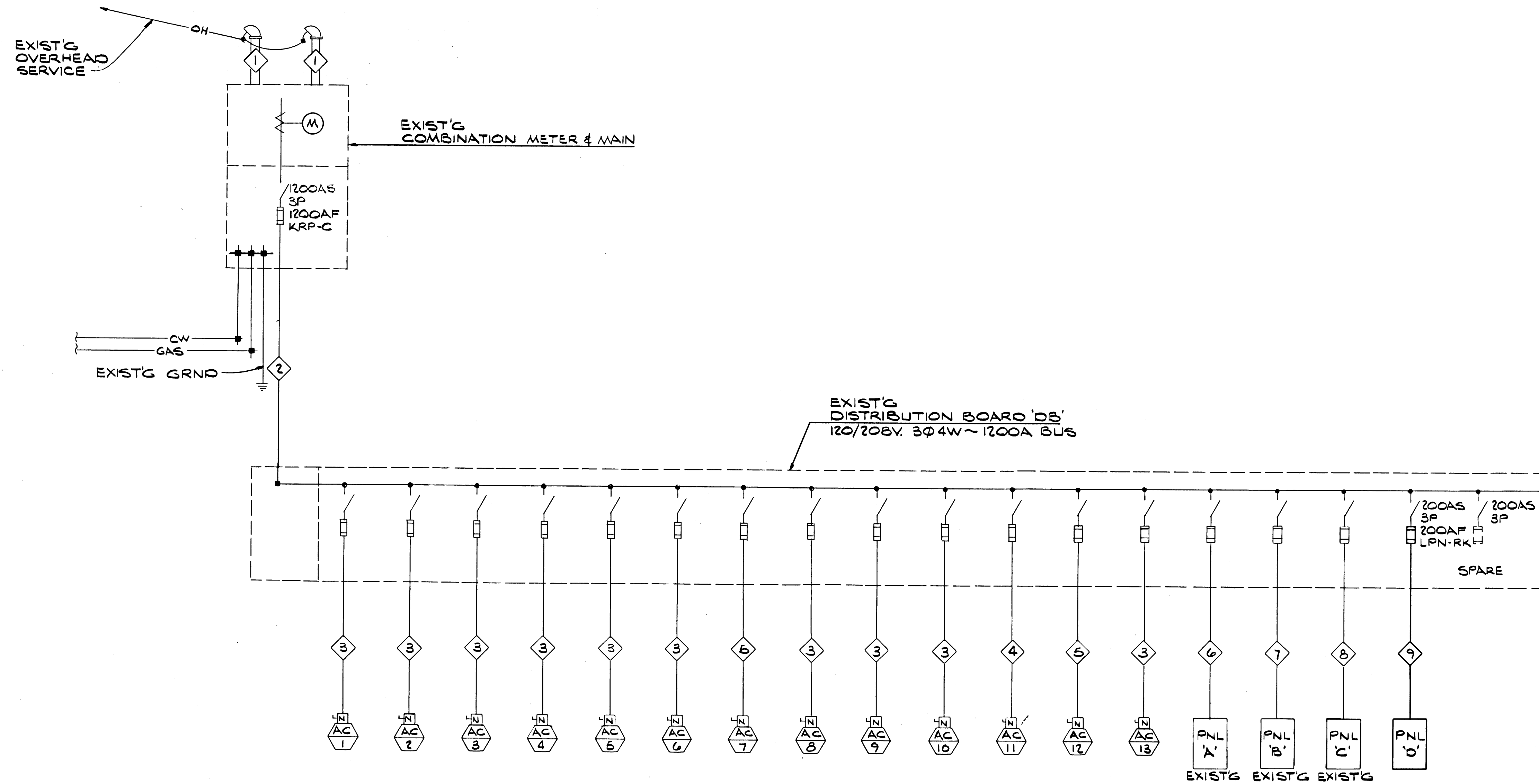




SINGLE LINE DIAGRAM

PANEL 'A' 120/208 VOLT 3 PHASE 4 WIRE 225 AMPERE MAIN 10 225 AMPERE BUS									
EXISTING									
LOCATION CORRIDOR MOUNTING FLUSH									
LINE	LINE A	LINE B	LINE C	LOAD DESCRIPTION	OUTLETS	CIRCUIT BREAKER	BUS	CIRCUIT BREAKER	OUTLETS
1	1500			WATER HEATER	1	2 20	20 1	1	VEND. MACHINE
2	1500						20 1	1	VEND. MACHINE
3	1500						20 1	1	ENC
4	1500						20 1	1	2 EFF & EFF
5	1200			CEIL. J-BOX	6	1 20	20 1	1	GUARD STATION
6	1200			CEIL. J-BOX	0	1 20	20 2	1	HP-1
7	1200			CEIL. J-BOX	0	1 20	20 1	6	CONF. RM. LTG.
8	1200			CEIL. J-BOX	3	1 20	20 1	10	CONF. RM. LTG.
9	1200			CEIL. J-BOX	2	1 20	20 1	10	CONF. RM. LTG.
10	800			RECEPT.	4	1 20	20 1	11	BREAK RM. LTG.
11	800			RECEPT.	4	1 20	20 1	9	EXCEL. OFF. LTG.
12	800			RECEPT.	4	1 20	20 1	20	EXT. STAFF OFFICE
13	1200			RECEPT.	6	1 20	20 1	20	EXT. STAFF OFFICE
14	1200			RECEPT.	6	1 20	20 1	12	ORIENTATION RESTROOMS
15	1200			RECEPT.	6	1 20	20 1	17	SIRT OFFICE
16	1200			RECEPT.	6	1 20	20 1	14	EXT. WORKSHOP, TELE. TRAIN
17	1000			RECEPT.	5	1 20	20 1	12	RECEPT., CORR.
18	500			WATER HEATER	1	2 20	20 1	7	EXIT, EGRESS LTG.
19	1500						20 2		WU-2
20	5900	7600	6600	SUB TOTALS			6470	6480	7370
LINE TOTALS				12370 14080 13970					
LCL ADDER				1145 1015 1130					
TOTAL				13515 15095 15100					
LINE AMPS				125.8					
TOTAL KVA LOAD				44					

PANEL 'B' 120/208 VOLT 3 PHASE 4 WIRE 225 AMPERE MAIN 10 225 AMPERE BUS																								
EXISTING																								
LOCATION ELECTRICAL ROOM MOUNTING SURFACE																								
LINE #	LOAD			LOAD DESCRIPTION	OUTLETS		CIRCUIT BREAKER		BUS	CIRCUIT BREAKER		OUTLETS		LOAD DESCRIPTION	LOAD			LINE #						
	LINE A	LINE B	LINE C		NO.	TYPE	AMP.	TYPE		AMP.	NO.	TYPE	AMP.		LINE A	LINE B	LINE C							
1	800			RECEPT. STORAGE	4	1	20		20	1	3	RECEPT.	600				2							
2		800		RECEPT. STORAGE	4	1	20		20	1	3	RECEPT.		600	4		2							
3			800	RECEPT. STORAGE	4	1	20		20	1	2	1	RECEPT.			600	6							
4	1200			RECEPT. STORAGE	1	1	20		20	1	3	RECEPT.	600				10							
5		800		SUPERVISOR/CLERICAL	4	1	20		20	1	4	RECEPT.		800			10							
6			800	SUPERVISOR/CLERICAL	4	1	20		20	1	3	RECEPT.					12							
7	500			TELE. BKD	1	1	20		20	1	5	ROOF RECEPTS	1000				14							
8		120		EP-3	1	1	20		20	1	4	ROOF RECEPTS		800			16							
9			720	EXIT, EGRESS LTG.	26	1	20		20	1	3	DOWN RECEPTS			800		16							
10	720			EXIT, EGRESS LTG.	19	1	20		20	1	6	EXT. LTG.	1200				20							
11		2250		WH-1	1	2	30		20	1	6	INT. LTG.			1200		22							
12			2250	WH-2					20	1	6	INT. LTG.				1200	22							
13	2000			COPIER		2	30		20	1	3	BREAK RM. REC. EUC	900				24							
14			2000	COPIER		1	20		20	1	2	BREAK RM. PLUMBING		800			24							
15				SPARE		1	20		20	1	6	SUPERV. SECURITY, PKX			1200		26							
16				SPARE		1	20		20	1	5	INTERVIEW	1800				32							
17				SPARE		1	20		20	1	5	INTERVIEW		1800			34							
18				SPARE		1	20		20	1	5	INTERVIEW			1800		36							
19				SPARE					20	1		SPARE					40							
20				SPARE					20	1		SPARE					42							
21			500	E/A PNL	1	1	20		20	1	1	EXTERIOR LTG.					42							
5240 5970 5070					SUB TOTALS										6100 6000 6000									
NOTES:															LINE TOTALS					11340 11970 11070				
															LCL ADDER					485 300 480				
															TOTAL					11825 12270 11550				
															LINE AMPS					102 76 102				
															TOTAL KVA LOAD					16				