

LOCATION		ELECTRICAL 120	
MOUNTING		SURFACE	
MAIN		BREAKER	
FEED FROM		UTILITY	
PANEL LP1			
MAIN AMPS		400	
VOLTAGE		120/208V	
PHASE		3 WIRE 4	
S.C.C.		TBD NOTE 1 MIN.	
RECEPTACLE VA	0	0	0
KITCHEN VA	0	0	0
LIGHTING VA	0	0	0
OTHER VA	44,565	42,787	39,196
VA/P	46,565	42,787	39,196
A/P	371	357	327
DEMAND A/P	350	337	307
TOTAL	44,565	42,787	39,196
DEMAND	350	337	307

MIN. WIRE/CONDUIT SIZE	VA	SERVING	BREAKER AMPS	P	CKT	PHASE	CKT	BREAKER P	AMPS	SERVING	VA	MIN. WIRE/CONDUIT SIZE
1 SET OF 2#12, #12G, 3/4"	1,766	OCU-1	25	2	1	A	2	1	15	IFC-1	804	1 SET OF 2#12, #12G, 3/4"
1,766	~	~	~	~	3	B	4	1	15	IFC-2	1,572	1 SET OF 2#10, #10G, 3/4"
1 SET OF 2#10, #10G, 3/4"	2,494	OCU-2	40	2	5	C	6	1	15	IFC-3	804	1 SET OF 2#12, #12G, 3/4"
2,494	~	~	~	~	7	A	8	2	20	CONDENSATE PUMP	100	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,766	OCU-3	25	2	9	B	10	3	60	EXTRACTOR	5,760	1 SET OF 2#12, #12G, 3/4"
1,766	~	~	~	~	11	C	12	3	60	EXTRACTOR	5,760	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	727	OHP-1	15	2	13	A	14	2	20	TOG DRYER	1,875	1 SET OF 2#12, #12G, 3/4"
727	~	~	~	~	15	B	16	2	20	TOG DRYER	1,875	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,039	OHP-2	15	2	17	C	18	2	20	TOG DRYER	1,875	1 SET OF 2#12, #12G, 3/4"
1,039	~	~	~	~	19	A	20	2	30	DRYER	2,500	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,000	GENERATOR BLOCK HEATER	20	1	21	B	22	2	30	DRYER	2,500	1 SET OF 2#12, #12G, 3/4"
1,000	~	~	~	~	23	C	24	2	70	COMPRESSOR	5,200	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	166	GENERATOR BATTERY CHARGER	20	1	25	A	26	2	70	COMPRESSOR	5,200	1 SET OF 2#12, #12G, 3/4"
166	~	~	~	~	27	B	28	2	70	COMPRESSOR	5,200	1 SET OF 2#12, #12G, 3/4"
166	~	~	~	~	29	C	30	2	20	SPACE	1,500	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	900	GRINDER PUMP	20	3	31	A	32	2	20	ICE MACHINE	1,500	1 SET OF 2#12, #12G, 3/4"
900	~	~	~	~	33	B	34	2	20	ICE MACHINE	1,500	1 SET OF 2#12, #12G, 3/4"
900	~	~	~	~	35	C	36	2	20	EF-1	789	1 SET OF 2#12, #12G, 3/4"
900	~	~	~	~	37	A	38	2	20	EF-1	789	1 SET OF 2#12, #12G, 3/4"
900	~	~	~	~	39	B	40	2	20	SPACE	~	~
900	~	~	~	~	41	C	42	2	20	SPACE	~	~
1 SET OF 2#12, #12G, 3/4"	332	KEF-1	20	2	43	A	44	2	20	KSF-1	561	1 SET OF 2#12, #12G, 3/4"
332	~	~	~	~	45	B	46	2	20	KSF-1	561	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	47	C	48	1	20	LIFT STATION CONTROL	500	1 SET OF 2#12, #12G, 3/4"
SEE RISER DIAGRAM	14,509	PANEL LP2	150	3	49	A	50	3	100	PANEL LP3	5,143	SEE RISER DIAGRAM
~	12,867	~	~	~	51	B	52	3	100	~	5,170	~
~	13,998	~	~	~	53	C	54	3	100	~	4,705	~

REMARKS:
1. * SHUNT TRIP TYPE BREAKER, INTRLOCK WITH SPRINKLER FLOW SWITCH.

LOCATION		ELECTRICAL 120	
MOUNTING		SURFACE	
MAIN		M.L.O.	
FEED FROM		LP1	
PANEL LP3			
MAIN AMPS		100	
VOLTAGE		120/208V	
PHASE		3 WIRE 4	
S.C.C.		TBD NOTE 1 MIN.	
RECEPTACLE VA	2,703	2,890	2,805
KITCHEN VA	0	0	0
LIGHTING VA	2,440	2,280	1,900
OTHER VA	0	0	0
VA/P	5,143	5,170	4,705
A/P	43	43	39
DEMAND A/P	43	43	39
TOTAL	2,703	2,890	2,805
DEMAND	43	43	39

MIN. WIRE/CONDUIT SIZE	VA	SERVING	BREAKER AMPS	P	CKT	PHASE	CKT	BREAKER P	AMPS	SERVING	VA	MIN. WIRE/CONDUIT SIZE
1 SET OF 2#12, #12G, 3/4"	1,000	TOOL SHOP RECEPTACLE	20	1	1	A	2	1	20	RECEPTACLES	720	1 SET OF 2#12, #12G, 3/4"
1,000	~	~	~	~	3	B	4	1	20	RECEPTACLES	720	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,000	TOOL SHOP RECEPTACLE	20	1	5	C	6	1	20	RECEPTACLES	900	1 SET OF 2#12, #12G, 3/4"
1,000	~	~	~	~	7	A	8	1	20	RECEPTACLES	720	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,500	SPARE	20	1	9	B	10	1	20	RECEPTACLES, GWH-1, PMP-1	560	1 SET OF 2#12, #12G, 3/4"
1,500	~	~	~	~	11	C	12	1	20	RECEPTACLES, GWH-1, PMP-1	560	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	750	WH-1	20	1	13	A	14	1	20	RECEPTACLES, EF-3	720	1 SET OF 2#12, #12G, 3/4"
750	~	~	~	~	15	B	16	1	20	RECEPTACLES, EF-3	720	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	500	GAS RANGE*	20	1	17	C	18	1	20	WASHER, EF-7	1,083	1 SET OF 2#12, #12G, 3/4"
500	~	~	~	~	19	A	20	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	21	B	22	1	20	RECEPTACLES, IL-2	640	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	305	SHUNT TRIP	20	1	23	C	24	1	20	RECEPTACLES, IL-2	640	1 SET OF 2#12, #12G, 3/4"
305	~	~	~	~	25	A	26	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	400	MEZZANINE LIGHTS	20	1	27	B	28	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
400	~	~	~	~	29	C	30	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	31	A	32	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	33	B	34	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	35	C	36	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	37	A	38	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	39	B	40	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	41	C	42	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	43	A	44	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	45	B	46	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	47	C	48	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	49	A	50	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	51	B	52	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"
~	~	~	~	~	53	C	54	1	20	RECEPTACLES, IL-1	640	1 SET OF 2#12, #12G, 3/4"

REMARKS:
1. * SHUNT TRIP TYPE BREAKER

LOCATION		ELECTRICAL 120	
MOUNTING		SURFACE	
MAIN		M.L.O.	
FEED FROM		LP1	
PANEL LP2			
MAIN AMPS		125	
VOLTAGE		120/208V	
PHASE		3 WIRE 4	
S.C.C.		TBD NOTE 1 MIN.	
RECEPTACLE VA	8,792	8,020	7,840
KITCHEN VA	0	0	0
LIGHTING VA	3,473	1,851	1,666
OTHER VA	2,244	2,996	4,492
VA/P	14,509	12,857	13,998
A/P	121	107	117
DEMAND A/P	99	87	97
TOTAL	8,792	8,020	7,840
DEMAND	99	87	97

MIN. WIRE/CONDUIT SIZE	VA	SERVING	BREAKER AMPS	P	CKT	PHASE	CKT	BREAKER P	AMPS	SERVING	VA	MIN. WIRE/CONDUIT SIZE
1 SET OF 2#12, #12G, 3/4"	800	BAY LIGHTING	20	1	1	A	2	1	20	LIGHTING	1,068	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	800	BAY LIGHTING	20	1	3	B	4	1	20	LIGHTING	676	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	800	BAY LIGHTING	20	1	5	C	6	1	20	LIGHTING	866	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	810	BAY LIGHTING	20	1	7	A	8	1	20	EXTERIOR LIGHTING	795	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	540	RECEPTACLES	20	1	9	B	10	1	20	EXTERIOR LIGHTING	375	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,500	VENDING	20	1	11	C	12	1	20	VENDING	1,500	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	720	RECEPTACLES	20	1	13	A	14	1	20	RECEPTACLES	900	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	360	RECEPTACLES	20	1	15	B	16	1	20	RECEPTACLES	900	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	360	RECEPTACLES	20	1	17	C	18	1	20	RECEPTACLES	900	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	720	RECEPTACLES	20	1	19	A	20	1	20	RECEPTACLES	900	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,500	REFRIGERATOR	20	1	21	B	22	1	20	RECEPTACLES	720	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,248	GAS RADIANT HEATERS TH-1	20	1	23	C	24	1	20	RECEPTACLES	720	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,000	FACP*	20	1	25	A	26	1	20	IT RECEPTACLE	1,000	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,500	APPLIANCE	20	1	27	B	28	1	20	IT RECEPTACLE	1,000	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,500	APPLIANCE	20	1	29	C	30	1	20	IT RECEPTACLE	1,000	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,500	APPLIANCE	20	1	31	A	32	1	20	APPLIANCE	1,500	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	1,500	APPLIANCE	20	1	33	B	34	1	20	APPLIANCE	1,500	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"	360	RECEPTACLES	20	1	35	C	36	1	20	KITCHEN HOOD LIGHT	200	1 SET OF 2#12, #12G, 3/4"
1 SET OF 2#12, #12G, 3/4"												