

PANEL DESIGNATION		N2LVNE	BUS AMPS: 225		MIN A.I.C.: 10 KA		MAIN BREAKER		200A		NOTES		MCR SHALL BE LSI ELECTRONIC																		
LOCATION		ELEC A128F	PHASE 3		WIRE 4		VOLTAGE		208Y/120				TRIP CIRCUIT BREAKER																		
MOUNTING		SURFACE	FED FROM NZHVNE VIA 75KVA XMR				NEUTRAL SIZE		100%																						
ENCLOSURE		NEMA 1	LOCATION		ELEC A128F		TOTAL LOSES		84																						
CKT NO	FEDDER/BRANCH CIRCUIT DESCRIPTION	AREA	ORC NOTES	BREAKER AMP	POLES	A	B	C	NO	SIZE	GND. SIZE	COND. SIZE	COND. SIZE	SIZE	SIZE	NO	A	B	C	POLES	AMP	ORC NOTES	FEDDER/BRANCH CIRCUIT DESCRIPTION	AREA	NO	CKT NO					
1	PLUMB RESEP	A104		15	1	0.2			2	12	12	3/4	3/4	3/4	12	12	2	0.2			1	15		PLUMB RESEP	A105	2	A105				
2	PLUMB RESEP	A110		15	1	0.2			2	12	12	3/4	3/4	12	12	2		0.2		1	15		PLUMB RESEP	A112	3	A112					
3	PLUMB RESEP	A113		15	1			0.2	2	12	12	3/4	3/4	12	12	2			0.2	1	15		REFRIGRE RESEP	A114	4	A114					
4	PLUMB RESEP	A116		15	1	0.2			2	12	12	3/4	3/4	12	12	2	0.2			1	20		PLUMB RESEP	A117	5	A117					
5	PLUMB RESEP	A118		15	1	0.2			2	12	12	3/4	3/4	12	12	2		0.9		1	20		RESEPS	A132	10	A132					
11	RESEPS	A121		20	1			0.7	2	12	12	3/4	3/4	12	12	2			0.2	1	15		REFRIGRE RESEP	A137	12	A137					
13	RESEPS	A128F		20	1		0.4		2	12	12	3/4	3/4	12	12	2	0.2			1	20		LIGHTING	A101, A102, A104, A105	14	A105					
15	LIGHTING A103,A106,A107,A108,A109	A109		20	1		0.3		2	12	12	3/4	3/4	12	12	2		0.2		1	20		LIGHTING	A110,A111,A112,A113,A114	15	A109					
17	LIGHTING A115,A116,A117,A118,A119	A119		20	1			0.2	2	12	12	3/4	3/4	12	12	2			0.2	1	20		LIGHTING	A121,A122,A123,A124,A125	16	A119					
19	LIGHTING A120,A130,A131,A132,A133	A133		20	1	0.2			2	12	12	3/4	3/4	12	12	2	0.2			1	20		LIGHTING	A134,A135, A136, A137	17	A133					
21	LIGHTING A128, A128A, A128B, A128C	A128C		20	1	0.2			2	12	12	3/4	3/4	12	12	2			0.1	1	20		LIGHTING	A128D, A128E, A128F	18	A128C					
23	LIGHTING A138, A139, A140, A143	A143		20	1		0.2		2	12	12	3/4	3/4	12	12	2			0.2	1	20		LIGHTING	A141, A142, A144, A147	19	A143					
25	LIGHTING A145, A146, A151, A152	A152		20	1	0.2			2	12	12	3/4	3/4	12	12	2	0.2			1	15		PLUMB POWER	A133	26	A152					
27	PLUMB POWER	A135		15	1			0.2	2	12	12	3/4	3/4	12	12	2			0.2	1	15		PLUMB POWER	A136	27	A135					
29	FAUCET RESEP	A136		15	1			0.2	2	12	12	3/4	3/4	12	12	2			0.2	1	15		FAUCET RESEP	A135	30	A136					
31	RESEPS	A133		20	1	0.4			2	12	12	3/4	3/4	10	10	3	2.1			2	30		ACCU-1								
33	AHU-1	A135		15	2	0.8			3	12	12	3/4	3/4					2.1					--								
35	--						0.8							3/4	12	12	2			0.3	1	15		EP-101		34					
37	EP-102			15	1	0.3			2	12	12	3/4	3/4	12	12	2	1.7			1	15		EP-103			36					
39	EP-104			15	1		0.3		2	12	12	3/4	3/4	12	12	2		0.7		1	15		EP-105			38					
41	PURH-101			15	1			0.3	2	12	12	3/4	3/4	12	12	2				0.1	1	15		PURH-102			40				
43	RTU-101			60	3	6.8			4	4	10	1-1/4	1-1/4	1-1/4	10	4	4	6.8			0.3	60		RTU-102			44				
45	--						6.8							3/4	12	12	2			6.8			--			46					
47	--						6.8							3/4	12	12	2			6.8			--			48					
49	SEF-101			15	3	0.6			4	12	12	3/4	3/4	12	12	2	0.1			1	15		TWV-2-1			50					
51	--						0.6							3/4	12	12	2			0.1	1	15		TWV-2-2			52				
53	--						0.6							3/4	12	12	2			0.1	1	20		LIGHTING	EXTERIOR	54					
55	WATER FTM. RESEP	A131		20	1	0.2			2	12	12	3/4	3/4	12	12	2	0.5			1	20		NETWORK RACK			56					
57	SECURITY RACK			20	1	0.5			2	12	12	3/4	3/4	12	12	2	0.5			1	20		DOOR CONTROL RACK			58					
59	DOOR POWER			20	1		0.5		2	12	12	3/4	3/4	12	12	2			0.5	1	20		LIGHTING RELAY PANEL			60					
61	OVERHEAD DOOR			20	1	1.2			2	12	12	3/4	3/4	12	12	2	1.2			1	20		OVERHEAD DOOR			62					
63	FIRE ALARM EXTENDER PANEL			20	1	0.5			2	12	12	3/4	3/4	12	12	2			0.5	1	20		SMOKE CONTROL PANEL			64					
65	GENERATOR RECEPTACLE			20	1		0.2		2	12	12	3/4	3/4	12	12	2			1.0	1	20		GENERATOR BLOCK HEATER			66					
67	ELECTRIC HAND DRYER			15	1	1.1			2	12	12	3/4	3/4	12	12	2	1.6			1	20		LOCKER RESEPS			68					
69	ELECTRIC HAND DRYER			15	1	1.1			2	12	12	3/4	3/4	12	12	2		1.6		1	20		LOCKER RESEPS			70					
71	ELECTRIC HAND DRYER			15	1		1.1		2	12	12	3/4	3/4	12	12	2		1.6		1	1	20		LOCKER RESEPS			72				
73	LOCKER RESEPS			20	1	1.6			2	12	12	3/4	3/4							0.0	1	20		SPARE			74				
75	SPARE			20	1		0.0							3/4	10	10	4	0.0			0.0	1	20		SPARE			76			
77	SPARE			20	1		0.0							3/4	10	10	4	0.0			0.0	1	20		SPARE			78			
79	SPARE			20	1	0.0								3/4	10	10	4	0.0			0.0	3	30		SPD			80			
81	SPARE			20	1	0.0														0.0			--				82				
83	SPARE			20	1		0.0													0.0			--				84				
SIDE CONNECTED KVA				13	12	12	PANEL CONNECTED KVA				76	15				14	11	SIDE CONNECTED KVA				DERATING FACTOR (80%)									
				PANEL DEMAND KVA				53												DEMAND LOAD SIZE				183				Amps			
				PANEL DEMAND FACTOR				69%																							

[illegible]**ISSUED FOR BID**