

NOTES

1. REFER TO SHEET 1.E-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. REFER TO SHEET 1.EP101 AND 1.EL101 FOR ALL WORK.

PANEL DESIGNATION: CL6C			VOLT: 120/208				AMP: 225										
ROOM: 6B-236			PHASES: 3				MAIN: 100A										
ELECTRICAL SYSTEM: CRITICAL			WIRES: 4														
CKT	LOAD DESCRIPTION	AT	P	C	DF	DA	PH	DA	DF	CA	P	AT	LOAD DESCRIPTION	CKT			
1	COW CHARGING STAT*	20	1	10.0	1.0	10.0	A	7.7	0.7	11.0	1	20	EXISTING LOAD	2			
3	COW CHARGING STAT*	20	1	10.0	1.0	10.0	B	7.7	0.7	11.0	1	20	EXISTING LOAD	4			
5	NURSE STATION*	20	1	10.0	1.0	10.0	C	7.7	0.7	11.0	1	20	EXISTING LOAD	6			
7	EXISTING LOAD	20	1	11.0	0.7	7.7	A	7.7	0.7	11.0	1	20	EXISTING LOAD	8			
9	EXISTING LOAD	20	1	11.0	0.7	7.7	B	7.7	0.7	11.0	1	20	EXISTING LOAD	10			
11	EXISTING LOAD	20	1	11.0	0.7	7.7	C	7.7	0.7	11.0	1	20	EXISTING LOAD	12			
13	EXISTING LOAD	20	1	11.0	0.7	7.7	A	7.7	0.7	11.0	1	20	EXISTING LOAD	14			
15	EXISTING LOAD	20	1	11.0	0.7	7.7	B	7.7	0.7	11.0	1	20	EXISTING LOAD	16			
17	EXISTING LOAD	20	1	11.0	0.7	7.7	C	7.7	0.7	11.0	1	20	EXISTING LOAD	18			
19	EXISTING LOAD	20	1	11.0	0.7	7.7	A	7.7	0.7	11.0	1	20	EXISTING LOAD	20			
21	EXISTING LOAD	20	1	11.0	0.7	7.7	B	7.7	0.7	11.0	1	20	EXISTING LOAD	22			
23	EXISTING LOAD	20	1	11.0	0.7	7.7	C	7.7	0.7	11.0	1	20	EXISTING LOAD	24			
25	EXISTING LOAD	20	1	11.0	0.7	7.7	A	7.7	0.7	11.0	1	20	EXISTING LOAD	26			
27	EXISTING LOAD	20	1	11.0	0.7	7.7	B	7.7	0.7	11.0	1	20	EXISTING LOAD	28			
29	SUB NURSE STATION*	20	1	0.0	1.0	0.0	C	7.7	0.7	11.0	1	20	EXISTING LOAD	30			
31	COW CHARGING STAT*	20	1	10.0	1.0	10.0	A	7.7	0.7	11.0	1	20	EXISTING LOAD	32			
33	COW CHARGING STAT*	20	1	10.0	1.0	10.0	B	7.7	0.7	11.0	1	20	EXISTING LOAD	34			
35	COW CHARGING STAT*	20	1	10.0	1.0	10.0	C	10.0	1.0	0.0	1	20	COW CHARGING STAT*	36			
37	COW CHARGING STAT*	20	1	10.0	1.0	10.0	A	0.0	1.0	0.0	1	20	SPARE	38			
39	COW CHARGING STAT*	20	1	10.0	1.0	10.0	B	0.0	1.0	0.0	1	20	SPARE	40			
41	SPARE	20	1	10.0	1.0	10.0	C	0.0	1.0	0.0	1	20	SPARE	42			
AT - AMP TRIP														TOTAL AMPS/PH - CONNECTED LOAD: 136		NOTES:	
P - POLES														DEMAND FACTOR: 0.8		*INDICATES NEW LOAD	
A - AMPS														TOTAL AMPS/PH - DEMAND: 105			
CA - CONNECTED AMPS														CONNECTED KVA: 49			
DF - DEMAND FACTOR (1-.1)														DEMAND KVA: 38			
DA - DEMAND AMPS														PANEL SIZE (DEMAND x 1.25) - AMPS: 132			
PH - PHASE																	

PANEL DESIGNATION: NL6C-3										VOLT: 120/208				AMP: 225			
ROOM: 6B-236			PHASES: 3			MAIN: 80A											
ELECTRICAL SYSTEM: NORMAL										WIRES: 4							
CKT	LOAD DESCRIPTION	AT	P	CA	DF	DA	PH	DA	DF	CA	P	AT	LOAD DESCRIPTION	CKT			
85	EXISTING LOAD	20	1	11.0	0.7	7.7	A	7.7	0.7	11.0	1	20	EXISTING LOAD	86			
87	EXISTING LOAD	20	1	11.0	0.7	7.7	B	7.7	0.7	11.0	1	20	EXISTING LOAD	88			
89	EXISTING LOAD	20	1	11.0	0.7	7.7	C	0.0	1.0	0.0	1	20	SPARE	90			
91	EXISTING LOAD	20	1	11.0	0.7	7.7	A	7.7	0.7	11.0	1	20	EXISTING LOAD	92			
93	EXISTING LOAD	20	1	11.0	0.7	7.7	B	7.7	0.7	11.0	1	20	EXISTING LOAD	94			
95	EXISTING LOAD	20	1	11.0	0.7	7.7	C	7.7	0.7	11.0	1	20	EXISTING LOAD	96			
97	SPARE	20	1	0.0	1.0	0.0	A	0.0	1.0	0.0	1	20	SUB_NURSE STATION*	98			
99	EXISTING LOAD	20	1	11.0	0.7	7.7	B	0.0	1.0	0.0	1	20	NURSE STATION*	100			
101	SPARE	20	1	0.0	1.0	0.0	C	0.0	1.0	0.0	1	20	SPARE	102			
103	SPARE	20	1	0.0	1.0	0.0	A	0.0	1.0	0.0	1	20	SPARE	104			
105	SPARE	20	1	0.0	1.0	0.0	B	0.0	1.0	0.0	1	20	SPARE	106			
107	SPARE	20	1	0.0	1.0	0.0	C	0.0	1.0	0.0	1	20	SPARE	108			
109	SPARE	20	1	0.0	1.0	0.0	A	0.0	1.0	0.0	1	20	SPARE	110			
111	SPARE	20	1	0.0	1.0	0.0	B	0.0	1.0	0.0	1	20	SPARE	112			
113	SPARE	20	1	0.0	1.0	0.0	C	0.0	1.0	0.0	1	20	SPARE	114			
115	SPARE	20	1	0.0	1.0	0.0	A	0.0	1.0	0.0	1	20	SPARE	116			
117	SPARE	20	1	0.0	1.0	0.0	B	0.0	1.0	0.0	1	20	SPARE	118			
119	SPARE	20	1	0.0	1.0	0.0	C	0.0	1.0	0.0	1	20	SPARE	120			
121	SPARE	20	1	0.0	1.0	0.0	A	0.0	1.0	0.0	1	20	SPARE	122			
123	SPARE	20	1	0.0	1.0	0.0	B	0.0	1.0	0.0	1	20	SPARE	124			
125	SPARE	20	1	0.0	1.0	0.0	C	0.0	1.0	0.0	1	20	SPARE	126			
AT - AMP TRIP														TOTAL AMPS/PH - CONNECTED LOAD: 44		NOTES:	
P - POLES														DEMAND FACTOR: 0.7		*INDICATES NEW LOAD	
A - AMPS														TOTAL AMPS/PH - DEMAND: 31			
CA - CONNECTED AMPS														CONNECTED KVA: 16			
DF - DEMAND FACTOR (1--1)														DEMAND KVA: 11			
DA - DEMAND AMPS														PANEL SIZE (DEMAND x 1.25) - AMPS: 39			
PH - PHASE														PH - PHASE			