

GENERAL SYSTEMS PLAN NOTES

- A. REFER TO E-001 FOR ELECTRICAL LEGEND, GENERAL NOTES, AND ABBREVIATIONS.
- B. REFER TO SHEET ES102 FOR LOCATION OF EXTERIOR MOUNTED TRANSFORMER.

PANEL INFORMATION

MAIN TYPE
VOLTAGE
MOUNTING
AIC RATING
ENCLOSURE TYPE

100A MLO
120/208
SURFACE
10000
NEMA-3R

VOLTS
MOUNT
AIC

3PH-4W

PANEL "LGP"

NORMAL POWER

NEW PANEL

PANEL RATING & FEEDER

PANEL AMPACITY:
PHASE CONDUCTORS:
NEUTRAL
OF SETS
SOURCE

(3)
(1)

SEE RISER

100 AMS
#3 THWN
#10 THWN
(1 SET)

CKT	DESCRIPTION	CB AMPS	WIRE SIZE	LOAD IN VOLT AMPS (VA)				LOAD IN VOLT AMPS (VA)							CKT			
				LTG (125%)	RECEPT.	KITCHEN	HVAC	MISC	PHASE	MISC	HVAC	KITCHEN	RECEPT.	LTG (125%)		WIRE SIZE	CB AMPS	DESCRIPTION
1	LISCUM GATE MOTOR - NORTH	20	#10					1080	A	2500								2
3	LISCUM GATE MOTOR - SOUTH	20	#10					1080	B	2500					#6	60	TWIST-LOCK RECEPTACLE FOR GUARD SHACK	4
5	SPACE ONLY	-	-						C						-	-	SPACE ONLY	6
7	SPACE ONLY	-	-						A						-	-	SPACE ONLY	8
9	SPACE ONLY	-	-						B						-	-	SPACE ONLY	10
11	SPACE ONLY	-	-						C						-	-	SPACE ONLY	12
13	SPACE ONLY	-	-						A						-	-	SPACE ONLY	14
15	SPACE ONLY	-	-						B						-	-	SPACE ONLY	16
17	SPACE ONLY	-	-						C						-	-	SPACE ONLY	18
19	SPACE ONLY	-	-						A						-	-	SPACE ONLY	20
21	SPACE ONLY	-	-						B						-	-	SPACE ONLY	22
23	SPACE ONLY	-	-						C						-	-	SPACE ONLY	24
TOTAL LOADS				0	0	0	0	2160		5000	0	0	0	0			TOTAL LOADS	

PANEL NOTES

LOAD CALCULATION (NEC 2008 - ARTICLE 220)

LOAD TYPE	LOAD (kVA)	DEMAND %	DEMAND LOAD	
LIGHTING	0.00	1.25		kW
RECEPTACLES	0.00	1.00		0.0 kW
RECEPTACLES > 10000	0.00	0.50		0.0 kW
KITCHEN EQUIPMENT	0.00	0.65		0.0 kW
MISC.	7.16	1.00		7.2 kW
HVAC	0.00	1.00		0.0 kW
TOTAL LW DEMAND			7.21 kW	
TOTAL DEMAND AMPS		● 100%		19.87 AMPS