PANEL: CCTV	VOLTS:120/240	PHASE/WIRE: 1/3	LOCATION: PP1 TELEPHONE ROOM	
MAIN BUS: 60AMP	MAIN CB: 40AMP	NEUTRAL: 100%		FAULT DUTY: 10 kAIC MIN.

LOAD INFORMATION	VOLTAMPS				BREAKER RATING /POLES							VOLTAMPS				LOAD INFORMATION
LOAD	NOTE	TYPE	PH-A	PH-B	CKT	P	CB	PH	CB	P	CKT	PH-A	PH-B	TYPE	NOTE	LOAD
INTER. & BLDG MOUNT CAM.		O	150		1	1	20	A	20	1	2	300		O		EXTERIOR CAMERAS
IDS EQUIPMENT		O		1,000	3	1	20	B	20	1	4		600	R		SEC. MONITORS IN CTRL RM
PP1 FCP & ACU	1	O	1,000		5	1	20	A	20	1	6	1,000		O	1	FMRS
PWR SPLY'S FOR FAA AND LOC'S	1	O		2,000	7	1	20	B	20	1	8		500	O	1	CO2 RLY, FA/SEC ANN., AUTO-DIALER
OUTBUILDING ANN. PANEL		O	1,000		9	1	20	A	20	1	10	100		L		EXIT SIGNS
SPARE		S		1,000	11	1	20	B	20	1	12		1,000	S		SPARE
SPARE		S	1,000		13	1		A		1	14					SPD
SPACE					15	1		B		1	16					
SPACE					17	1		A		1	18					SPACE
SPACE					19	1		B		1	20					SPACE
SPACE					21	1		A		1	22					SPACE
SPACE					23	1		B		1	24					SPACE
MOUNTING: SURFACE			3,150	4,000			A	B				1,400	2,100			
ENCLOSURE: NEMA 1			CONNECTED PHASE (VA):				4,550	6,100								
			CONNECTED CURRENT (A				37.92	50.83								

NOTES:

1. PROVIDE RED LOCK-ON TYPE CIRCUIT BREAKER. PROVIDE A LABEL WITH THE FOLLOWING INSCRIPTION: "FIRE PROTECTION/LIFE SAFETY EQUIPMENT". CONSTRUCT AND FASTEN THE LABEL IDENTICAL TO THE PANEL NAMEPLATE, EXCEPT THE LABEL MUST BE RED LAMINATED PLASTIC WITH WHITE CENTER CORE.

TYPE	VA	DF	VAxDF
L	100	1.25	125
LM	-	1.25	-
M	-	0.80	-
O	6,950	0.80	5,560
R	600	1.00	600
R	-	0.50	-
S	3,000	0.50	1,500
CND	10,650	EMD	7,785
EMD (Amps)			32.44

LOAD TYPES:

L - LIGHTING
LM - LARGEST MOTOR
M - MOTOR LOAD
O - MISC OR OTHER TYPE LOADS
R - RECEPTACLE (First 10,000 VA per NEC)
R - RECEPTACLE (over 10,000 VA per NEC)
S - SPARE

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PANEL: GLC	VOLTS:120/240	PHASE/WIRE: 1/3	LOCATION: VEHICLE GATE EQUIPMENT RACK	
MAIN BUS: 60AMP	MAIN CB: 40AMP	NEUTRAL: 100%		FAULT DUTY: 10 kAIC MIN.

LOAD INFORMATION	VOLTAMPS				BREAKER RATING /POLES							VOLTAMPS				LOAD INFORMATION
LOAD	NOTE	TYPE	PH-A	PH-B	CKT	P	CB	PH	CB	P	CKT	PH-A	PH-B	TYPE	NOTE	LOAD
GATE OPERATOR		LM	2,400		1	1	20	A	20	1	2	1,000		O		FIELD DISTRBUTION PANEL #1
VEHICLE BARRIER OP.	1	M		2,400	3	1	20	B		1	4					SPACE
EXISTING LOAD	1	O	1,000		5	1	20	A		1	6					SPACE
EXISTING LOAD	1	O		1,000	7	1		B		1	8					SPACE
SPARE		S	1,000		9	1		A	20	2	10					SPD
SPARE		S		1,000	11	1		B			12					
MOUNTING: SURFACE			4,400	4,400			A	B				1,000	-			
ENCLOSURE: NEMA 3R			CONNECTED PHASE (VA):				5,400	4,400								
			CONNECTED CURRENT (A				45.00	36.67								

NOTES:

1. EXISTING LOAD PREVIOUSLY FED FROM EXISTING PANEL G.

TYPE	VA	DF	VAxDF
L	-	1.25	-
LM	2,400	1.25	3,000
M	2,400	0.80	1,920
O	3,000	0.80	2,400
R	-	1.00	-
R	-	0.50	-
S	2,000	0.50	1,000
CND	9,800	EMD	8,320
EMD (Amps)			34.67

LOAD TYPES:

L - LIGHTING
LM - LARGEST MOTOR
M - MOTOR LOAD
O - MISC OR OTHER TYPE LOADS
R - RECEPTACLE (First 10,000 VA per NEC)
R - RECEPTACLE (over 10,000 VA per NEC)
S - SPARE

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PANEL: PP2 PREF. AC	VOLTS:120/240	PHASE/WIRE: 1/3	LOCATION: PP2 ELEV. 2049	
MAIN BUS: 225AMP	MLO	NEUTRAL: 100%		FAULT DUTY: EXISTING.

LOAD INFORMATION	VOLTAMPS				BREAKER RATING /POLES							VOLTAMPS				LOAD INFORMATION
LOAD	NOTE	TYPE	PH-A	PH-B	CKT	P	CB	PH	CB	P	CKT	PH-A	PH-B	TYPE	NOTE	LOAD
FIELD DIST. BOX #3 (FDB)	2				1	1	20	A	20	1	2				2	PP2 SUMP MONITOR/CONTROL
PP2 ULTRASONIC FM	2				3	1	20	B	20	1	4					SPARE
SS BATTERY MONITOR	2				5	1	20	A	20	1	6				2	UNIT 4&5 VIB. MONITOR
PP2 FCP/ACU & CO2 RELAY BOX	1	O		1,000	7	1	20	B	20	1	8					SPARE
PP2 LOCS	1	O	1,000		9	1	20	A	20	1	10				2	SS TRANSF. 3 TEMP MONITOR
PP2 CO2 GEN. ALARM	2				11	1	20	B	20	1	12				2	SS TRANSF. 4 TEMP MONITOR
DT DEPR/CLOCKS/UNIT 4&5...	2				13	1	20	A	20	1	14					SPARE
DC SWBD CAB LIGHTS	2				15	1	20	B	20	1	16				2	ELEC RELAY FOR GND DETECT
MOUNTING: SURFACE			1,000	1,000			A	B				-	-			
ENCLOSURE: NEMA 1			CONNECTED PHASE (VA):				1,000	1,000								
			CONNECTED CURRENT (A				8.33	8.33								

NOTES:

1. PROVIDE RED LOCK-ON TYPE CIRCUIT BREAKER. PROVIDE A LABEL WITH THE FOLLOWING INSCRIPTION: "FIRE PROTECTION/LIFE SAFETY EQUIPMENT". CONSTRUCT AND FASTEN THE LABEL IDENTICAL TO THE PANEL NAMEPLATE, EXCEPT THE LABEL MUST BE RED LAMINATED PLASTIC WITH WHITE CENTER CORE.
2. EXISTING LOAD

TYPE	VA	DF	VAxDF
L	-	1.25	-
LM	-	1.25	-
M	-	0.80	-
O	2,000	0.80	1,600
R	-	1.00	-
R	-	0.50	-
S	-	0.50	-
CND	2,000	EMD	1,600
EMD (Amps)			6.67

LOAD TYPES:

L - LIGHTING
LM - LARGEST MOTOR
M - MOTOR LOAD
O - MISC OR OTHER TYPE LOADS
R - RECEPTACLE (First 10,000 VA per NEC)
R - RECEPTACLE (over 10,000 VA per NEC)
S - SPARE

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OMAHA DISTRICT
OMAHA NEBRASKA

FORT PECK DAM, MONTANA
POWER HOUSE FIRE AND SECURITY
SYSTEM REPLACEMENT

PANEL SCHEDULE

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