

PANEL ID: PNL-2G		AMPS: 150	VOLTS: 347/600V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>								
DESCRIPTION: ESSENTIAL		LOCATION: GRIT ELECTRICAL ROOM													
MFG / MODEL: WESTINGHOUSE PRL3		INTERRUPTING RATING: 25 KA													
MAIN BREAKER: 40A, SERIES HFD		INST. SETTINGS: N/A													
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.	
1	LGTS PUMP WELL RM G101 & G108		15	692	700W				700W	15			LIGHTING STAIRS G124 & G125	2	
3	LGTS STAIRS G103, G107 & G109		15	700W	700W				700W	15			LIGHTING STAIRS G110 & G123	4	
5	LGTS STAIRS G104 & G106		15	600W	550				550	15			LGTS RM. G113, G115, G116 & G140	6	
7	LGTS WET WELL RM G102 & G103		15	350W	800W				800W	15			LGTS RM G114 & G122	8	
9	LGTS RM G127, G129 & G130		15	900W	678				678	15			LGTS RM G134,G135,G136,G138 & G139	10	
11	EXTERIOR LIGHTING		15	300W	2000W				2000W	15			SUMP PUMP G561-SMP	12	
13	SUMP PUMP G562-SMP		15	2000W	2000W				2000W	15			VIEWING GALLERY	18	
17	EXIT LIGHTS		15							15			ELEVATOR	20	
21	EXIT LIGHTS		15							15				22	
23	SPARE		15											24	
TOTAL CONNECTED LOAD:		KVA	PHASE A:	KVA	A	NOTE LEGEND:									
		A (AVG)	PHASE B:	KVA	A	AFCI ARC FAULT CIRCUIT INTERRUPTOR									
		A (MAX)	PHASE C:	KVA	A	GFCI GROUND FAULT CIRCUIT INTERRUPTOR									
						LOCK LOCKED BREAKER									
NOTES:		1. WAIT LOADS COPIED FROM EXISTING DRAWINGS EXCEPT FOR THOSE NOTED.													

PANEL ID: PNL-4G		AMPS: 100	VOLTS: 120/208V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>								
DESCRIPTION: ESSENTIAL		LOCATION: GRIT ELECTRICAL ROOM													
MFG / MODEL: WESTINGHOUSE PRL1		INTERRUPTING RATING: 10 KA													
MAIN BREAKER: 60A		INST. SETTINGS: N/A													
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.	
1	ELEVATOR LIGHTS		15	500W	400W				400W	15			SPARE	2	
3	SPARE		15		1200W				1200W	15			FIELD DEVICE PANEL 'G'	4	
5	SPARE		15		1200W				1200W	15			FIELD DEVICE PANEL 'G'	6	
7	PANEL '1A' IN ADMINISTRATION BLDG.		40	3000W	1200W				1200W	15			FIELD DEVICE PANEL 'G'	8	
9	SPARE		15		150				150	15			SPARE	10	
11	SPARE (WAS PNL-8G)		40	500						15			SPARE (WAS NETWORK HUB)	12	
13	SPARE		40	500						15			SPARE	14	
15	SPARE		15							15			SPARE	16	
17	SPARE		15							15			SPARE	18	
19	SPARE		15							15			SPARE	20	
21	SPARE		15							15			SPARE	22	
23	SPARE		15							15			SPARE	24	
TOTAL CONNECTED LOAD:		KVA	PHASE A:	KVA	A	NOTE LEGEND:									
		A (AVG)	PHASE B:	KVA	A	AFCI ARC FAULT CIRCUIT INTERRUPTOR									
		A (MAX)	PHASE C:	KVA	A	GFCI GROUND FAULT CIRCUIT INTERRUPTOR									
						LOCK LOCKED BREAKER									
NOTES:		1. WAIT LOADS COPIED FROM EXISTING DRAWINGS.													

PANEL ID: PNL-3G		AMPS: 100	VOLTS: 120/208V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input type="checkbox"/>								
DESCRIPTION: ESSENTIAL		LOCATION: GRIT ELECTRICAL ROOM													
MFG / MODEL: WESTINGHOUSE PRL1		INTERRUPTING RATING: 10 KA													
MAIN BREAKER: 100A		INST. SETTINGS: N/A													
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.	
1	PUMP WELL EXHAUST FAN		15	100W	600W				600W	15			RECEPTACLE PUMP WELL RM. G101	2	
3	RECEPTACLE CONTROL RM. G140		15	800W	600W				600W	15			RECEPTACLE SERVICE FLOOR RM. G108	4	
5	ELEVATOR PIT LOADS		15	350W	1200W				1200W	15			RECEPTACLE MOTOR RM. G114	6	
7	RECEPTACLE RM. G115 & G116		15	1200W	1200W				1200W	15			RECEPTACLE RM. G125, G126 & G127	8	
9	RECEPTACLE RM. G122 & G127		15	1200W						15			SPARE	10	
11	LIGHT & FAN G112 AND LIGHT RM. G111		15	150W	600W				600W	15			LIGHTING VIEWING GALLERY RM. G126	12	
13	RECEPTACLE RM. G137, G138 & G139		15	800W	800W				800W	15			RECEPTACLE RM. G134, G135 & G136	14	
15	RECEPTACLE RM. G113 & G117		15	1000W	500W				500W	15			UNIT HEATERS RM. G127, G129 & G130	16	
17	SPARE		15		1675W				1675W	15			SCREEN EXHAUST FAN G689-EF	18	
19	DUCT HEATER G651-HC		20	1675W	600W				600W	15			ELEVATOR EXHAUST FAN G691-EF	20	
21	SPARE		15		1675W				1675W	15			GRIT TANK EXHAUST FAN G690-EF	22	
23	RECEPTACLE RM. G129 & G130		15	1000W	25W				25W	15			BACKWASH FILTER G670-EF	24	
25	OUTDOOR LIGHTING PHOTOCELL		15	100W						15			SPARE	26	
27	SPARE		15		1920				1920	15			OUTSIDE RECEPT. SE GRIT BLDG.	28	
29	XFMR-G9		8	40	1920				1920	15			OUTDOOR LIGH REC. VCH. DUMPING	30	
31	SPARE		15		1920				1920	15			OUTSIDE RECEPT. NE GRIT BLDG.	32	
33	SPARE		15							15	12		NP-G1 NETWORKING PANEL	34	
35	SPARE		15							15			SPARE	36	
37	SPARE		15							15			SPARE	37	
39	SPARE		15							15			SPARE	40	
41	SPARE		15							15			SPARE	42	
TOTAL CONNECTED LOAD:		KVA	PHASE A:	KVA	A	NOTE LEGEND:									
		A (AVG)	PHASE B:	KVA	A	AFCI ARC FAULT CIRCUIT INTERRUPTOR									
		A (MAX)	PHASE C:	KVA	A	GFCI GROUND FAULT CIRCUIT INTERRUPTOR									
						LOCK LOCKED BREAKER									
NOTES:		1. WAIT LOADS COPIED FROM EXISTING DRAWINGS.													

PANEL ID: PNL-G9 (WAS PNL-8G)		AMPS: 100	VOLTS: 120/208V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input type="checkbox"/>								
DESCRIPTION: NON-ESSENTIAL		LOCATION: GRIT ELECTRICAL ROOM													
MFG / MODEL: WESTINGHOUSE PRL1		INTERRUPTING RATING: 10 KA													
MAIN BREAKER: N/A		INST. SETTINGS: N/A													
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.	
1	PCU SA FEED 2		10	30	900W								SPACE	2	
3	SPARE		15										SPACE	4	
5	SPARE		15										SPACE	6	
7	SPACE												SPACE	8	
9	SPACE												SPACE	10	
11	SPACE												SPACE	12	
13	SPACE												SPACE	14	
15	SPACE												SPACE	16	
17	SPACE												SPACE	18	
TOTAL CONNECTED LOAD:		KVA	PHASE A:	KVA	A	NOTE LEGEND:									
		A (AVG)	PHASE B:	KVA	A	AFCI ARC FAULT CIRCUIT INTERRUPTOR									
		A (MAX)	PHASE C:	KVA	A	GFCI GROUND FAULT CIRCUIT INTERRUPTOR									
						LOCK LOCKED BREAKER									
NOTES:		1. WAIT LOADS COPIED FROM EXISTING DRAWINGS.													

PANEL ID: PNL-G10		AMPS: 100	VOLTS: 120/208V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>								
DESCRIPTION: FED FROM UPS-G1		LOCATION: GRIT ELECTRICAL ROOM													
MFG / MODEL: CUTLER-HAMMER PRL1a		INTERRUPTING RATING: 10 KA													
MAIN BREAKER: N/A		INST. SETTINGS: N/A													
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.	
1	RM. G129 NETWORK EQUIPMENT		12	15	100				1200	15	12		FIELD DEVICE PANEL 'G'	2	
3	PCU SA FEED 1		10	30	900				150	15	12		NP-G1 NETWORKING PANEL	4	
5	RECEPTACLE RM. G116		12	15	100				500	15	10		GDC-G3	6	
7	NETWORK HUB		12	15	100					15			SPARE	8	
9	MCC-1G CONTROL COMPARTMENT		12	15	40					15			SPARE	10	
11	MCC-4G CONTROL COMPARTMENT		12	15	60					15			SPARE	12	
13	SPARE		15							15			SPARE	14	
15	SPARE		15							15			SPARE	16	
17	SPARE		15							15			SPARE	18	
19	SPARE		15							15			SPARE	20	
21	SPACE												SPACE	22	
23	SPACE												SPACE	24	
25	SPACE												SPACE	26	
27	SPACE												SPACE	28	
29	SPACE												SPACE	30	
31	SPACE												SPACE	32	
33	SPACE												SPACE	34	
35	SPACE												SPACE	36	
37	SPACE												SPACE	38	
39	SPACE												SPACE	40	
41	SPACE												SPACE	42	
TOTAL CONNECTED LOAD:		3.1 KVA	PHASE A:	1.4 KVA	11.7 A	NOTE LEGEND:									
		8.5 A (AVG)	PHASE B:	1.1 KVA	8.8 A	AFCI ARC FAULT CIRCUIT INTERRUPTOR									
		11.7 A (MAX)	PHASE C:	0.6 KVA	5.0 A	GFCI GROUND FAULT CIRCUIT INTERRUPTOR									
						LOCK LOCKED BREAKER									
NOTES:		1. ARC FLASH CATEGORY 0.													

NO.	CONSTRUCTION NOTES
1	RELABEL PNL-8G TO PNL-G9