

PANEL ID: PNL-1G		AMPS: 150	VOLTS: 347/600V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>								
DESCRIPTION: NON-ESSENTIAL		LOCATION: GRIT ELECTRICAL ROOM													
MFG / MODEL: WESTINGHOUSE PL-3		INTERRUPTING RATING: 25 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	LIGHTING PUMP WELL FLOOR			15	1050W				600W	15			LIGHTING PUMP WELL RM. G101	2	
3	LIGHTING SERVICE FLOOR RM. G108			15	1400W				900W	15			LIGHTING BLOWER RM. G115	4	
5	LIGHTING RM. G111 & G112			15	900W				500W	15			LIGHTING CONTROL RM. G140	6	
7	LIGHTING RM. G102 & G103			15	1500W				1800W	15			LIGHTING MOTOR RM. G114	8	
9	LIGHTING SCREEN RM. G127			15	800				1000W	15			LIGHTING STORAGE RM. G129	10	
11	LIGHTING SCREEN RM. G127			15	960				700W	15			LIGHTING MECHANICAL RM. G130	12	
13	LIGHTING SCREEN RM. G127			15	960				800W	15			LIGHTING MECHANICAL RM. G130	14	
15	LIGHTING GRIT TANK WALKWAY RM. G137			15	200W				900W	15			LIGHTING MECHANICAL RM. G130	16	
17	LIGHTING ELEVATOR MACH. RM. G131			15	200W				900W	15			LIGHTING ELECTRICAL RM. G116	18	
19	LIGHTING GALLERIES 1-3 RM. G117 & G134			15	900W				700W	15			LIGHTING GALLERIES 2-3 RM. G138 & G139	20	
21	OUTDOOR LIGHTING			10	15	2400W			700W	15			LIGHTING GRIT TANK RM. G138 & G139	22	
23	OUTDOOR LIGHTING			10	15	2600W			1500W	15			SPARE	24	
25	OUTDOOR LIGHTING			10	15	2200W			15	15			SPARE	26	
27	SPARE								15	15			SPARE	28	
29	SPARE								15	15			SPARE	30	
31	SPARE								15	15			SPARE	32	
33	SPACE												SPACE	34	
35	SPACE												SPACE	36	
37	SPACE												SPACE	38	
39	SPACE												SPACE	40	
41	SPACE												SPACE	42	
TOTAL CONNECTED LOAD:			KVA	PHASE A:	KVA	A	NOTE LEGEND:			AFCI	ARC FAULT CIRCUIT INTERRUPTOR				
			A (AVG)	PHASE B:	KVA	A				GFCI	GROUND FAULT CIRCUIT INTERRUPTOR				
			A (MAX)	PHASE C:	KVA	A				LOCK	LOCKED BREAKER				
NOTES: 1. WATT LOADS COPIED FROM EXISTING DRAWINGS EXCEPT FOR THOSE NOTED.															

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	15			LIGHTING STAIRS G124 & G125	2	
3	LGTS STAIRS G103, G107 & G109			15	700W				700W	15			LIGHTING STAIRS G110 & G123	4	
5	LGTS STAIRS G104 & G106			15	600W				550	15			LGTS RM. G113, G115, G116 & G140	6	
7	LGTS WET WELL RM. G102 & G103			15	200				810	15			LGTS RM. G114 & G122	8	
9	LGTS RM. G127, G129 & G130			15	1140				888	15			LGTS RM. G134, G135, G136, G138 & G139	10	
11	EXTERIOR LIGHTING			15	300W				2000W	15			VIEWING GALLERY	12	
13									2000W	15			SUMP PUMP G561-SMP	14	
15	SUMP PUMP G562-SMP			15	2000W				2000W	15			VIEWING GALLERY	16	
17									2000W	15				18	
19	EXIT LIGHTS			15									ELEVATOR	20	
21	EXIT LIGHTS			15										22	
23	SPARE			15										24	
TOTAL CONNECTED LOAD:			KVA	PHASE A:	KVA	A	NOTE LEGEND:			AFCI	ARC FAULT CIRCUIT INTERRUPTOR				
			A (AVG)	PHASE B:	KVA	A				GFCI	GROUND FAULT CIRCUIT INTERRUPTOR				
			A (MAX)	PHASE C:	KVA	A				LOCK	LOCKED BREAKER				
NOTES: 1. WATT LOADS COPIED FROM EXISTING DRAWINGS EXCEPT FOR THOSE NOTED.															

PANEL ID: PNL-3G		AMPS: 100	VOLTS: 120/208V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>								
DESCRIPTION: NON-ESSENTIAL		LOCATION: GRIT ELECTRICAL ROOM													
MFG / MODEL: WESTINGHOUSE PRL3		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	15			RECEPTACLE PUMP WELL RM. G101	2	
3	RECEPTACLE CONTROL RM. G140			15	800W				600W	15			RECEPTACLE SERVICE FLOOR RM. G108	4	
5	ELEVATOR PIT LOADS			15	350W				1200W	15			RECEPTACLE MOTOR RM. G114	6	
7	RECEPTACLE RM. G115 & G116			15	1200W				1200W	15			RECEPTACLE RM. G125, G126 & G127	8	
9	RECEPTACLE RM. G122 & G127			15	1200W				1200W	15			SPARE	10	
11	LIGHT & FAN G112 AND LIGHT RM. G111			15	150W				600W	15			LIGHTING VIEWING GALLERY RM. G126	12	
13	RECEPTACLE RM. G137, G138 & G139			15	800W				800W	15			RECEPTACLE RM. G134, G135 & G136	14	
15	RECEPTACLE RM. G113 & G117			15	1000W				500W	15			UNIT HEATERS RM. G127, G129 & G130	16	
17									1000	15			SCREEN EXHAUST FAN G689-EF	18	
19	DUCT HEATER G651-HC			20	1675W				600W	15			ELEVATOR EXHAUST FAN G691-EF	20	
21									600W	15			GRIT TANK EXHAUST FAN G690-EF	22	
23	RECEPTACLE RM. G129 & G130			15	1000W				25W	15			BACKWASH FILTER G670-EF	24	
25	OUTDOOR LIGHTING PHOTOCCELL			15	100W				120	15			RECEPTACLE RM. G102 & G103	26	
27									1920	15			OUTSIDE RECEPT. SE GRIT BLDG.	28	
29	XFMR-G9			8	40				1920	15			OUTDOOR LIGH REC. VCH. DUMPING	30	
31									15	15			OUTSIDE RECEPT. NE GRIT BLDG.	32	
33	SPACE								150	15	12		NP-G1 NETWORKING PANEL	34	
35	SPACE								10	15	12		CCTV GRIT TRUCK BAY	36	
37	SPACE												SPACE	37	
39	SPACE												SPACE	40	
41	SPACE												SPACE	42	
TOTAL CONNECTED LOAD:			KVA	PHASE A:	KVA	A	NOTE LEGEND:			AFCI	ARC FAULT CIRCUIT INTERRUPTOR				
			A (AVG)	PHASE B:	KVA	A				GFCI	GROUND FAULT CIRCUIT INTERRUPTOR				
			A (MAX)	PHASE C:	KVA	A				LOCK	LOCKED BREAKER				
NOTES: 1. WATT LOADS COPIED FROM EXISTING DRAWINGS.															

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	15			SPARE	2	
3	SPARE			15					1200W	15			FIELD DEVICE PANEL 'G'	4	
5									1200W	15			FIELD DEVICE PANEL 'G'	6	
7	PANEL '1A' IN ADMINISTRATION BLDG.			40	3000W				1200W	15			FIELD DEVICE PANEL 'G'	8	
9									3000W	15			BPS-G1	10	
11									500	15			SPARE	12	
13	SPARE (WAS PNL-8G)			40	500				150	15			SPARE (WAS NETWORK HUB)	14	
15									500	15			SPARE	16	
17	SPARE			15									SPACE	18	
19	SPARE			15									SPACE	20	
21	SPARE			15									SPACE	22	
23	SPACE												SPACE	24	
TOTAL CONNECTED LOAD:			KVA	PHASE A:	KVA	A	NOTE LEGEND:			AFCI	ARC FAULT CIRCUIT INTERRUPTOR				
			A (AVG)	PHASE B:	KVA	A				GFCI	GROUND FAULT CIRCUIT INTERRUPTOR				
			A (MAX)	PHASE C:	KVA	A				LOCK	LOCKED BREAKER				
NOTES: 1. WATT 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 checked="" 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	900W								SPACE	2	
3	SPARE												SPACE	4	
5	SPARE												SPACE	6	
7	SPARE												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:			AFCI	ARC FAULT CIRCUIT INTERRUPTOR				
			A (AVG)	PHASE B:	KVA	A				GFCI	GROUND FAULT CIRCUIT INTERRUPTOR				
			A (MAX)	PHASE C:	KVA	A				LOCK	LOCKED BREAKER				
NOTES: 1. WATT 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 PRL10		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.