

PANEL ID: PNL-1G		AMPS: 150	VOLTS: 347/600V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	FLUSH MOUNT <input type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>	BOT. FED <input 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	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	800W	1000W	15			LIGHTING STORAGE RM. G129	10
11	LIGHTING SCREEN RM. G127		15	960W	700W	15			LIGHTING MECHANICAL RM. G130	12
13	LIGHTING SCREEN RM. G127		15	960W	800W	15			LIGHTING MECHANICAL RM. G130	14
15	LIGHTING GRIT TANK WALKWAY RM. G137		15	900W	720W	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	1680W	15			LIGHTING GRIT TANK RM. G138 & G139	22
23	OUTDOOR LIGHTING		10	15 2600W		15			SPARE	24
25	OUTDOOR LIGHTING		10	15 2200W		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:			
		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. 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"/>	FLUSH MOUNT <input type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>	BOT. FED <input 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	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					12
13					2000W	15			SUMP PUMP G561-SMP	14
15	SUMP PUMP G562-SMP		15	2000W	2000W					16
17					2000W				VIEWING GALLERY	18
19	EXIT LIGHTS		15							20
21	EXIT LIGHTS		15			15			ELEVATOR	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. 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"/>	FLUSH MOUNT <input type="checkbox"/>	TOP FED <input type="checkbox"/>	BOT. FED <input 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	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		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					1675W	1000	15		SCREEN EXHAUST FAN G689-EF	18
19	DUCT HEATER G651-HC		20	1675W	600W	15			ELEVATOR EXHAUST FAN G691-EF	20
21					1675W	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					1920	15			OUTSIDE RECEPT. NE GRIT BLDG.	32
33	LCP-G1		12	15	300	150	15	12	NP-G1 NETWORKING PANEL	34
35	LCP-G2		12	15	300	10	15	12	CCTV GRIT TRUCK BAY	36
37	G603-GMU & G605-GMU		12	15	200				SPACE	38
39	SPACE								SPACE	40
41	SPACE								SPACE	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. 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"/>	FLUSH MOUNT <input type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>	BOT. FED <input 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	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	500	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:			
		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. 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"/>	FLUSH MOUNT <input type="checkbox"/>	TOP FED <input type="checkbox"/>	BOT. 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	DESCRIPTION	CCT.
1	PCU SA FEED 2		10	30	900W				SPACE	2
3	SPARE			15					SPACE	4
5	SPARE			15					SPACE	6
7	SPARE								SPACE	8
9	SPARE								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. 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"/>	FLUSH MOUNT <input type="checkbox"/>	TOP FED <input type="checkbox"/>	BOT. 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	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	GFC-G3	6
7	NETWORK HUB		12	15	100	200	15	12	LCP-G1	8
9	MCC-1G CONTROL COMPARTMENT		12	15	60	200	15	12	LCP-G2	10
11	MCC-4G CONTROL COMPARTMENT		12	15	60				SPARE	12
13	SPARE			15		15			SPARE	14
15	SPARE			15					SPACE	16
17	SPARE			15					SPACE	18
19	SPARE			15					SPACE	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