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PANEL ITP													
MAIN BUS AMPS: 200 A				A/C SECTIONS: 10,000 A (FULLY RATED BREAKERS)				EQUIPMENT GROUND BUS					
MAIN BREAKER: 150 A-ST				MOUNTING: 1- 30 SPACE				SURFACE					
VOLTAGE: 208Y/120 V				LOCATION:									
PHASES/WIRES: 3 PH / 4 W													
CIRCUIT DESCRIPTION	POLES	AMPS	LOAD	CKT NO	CKT NO	LOAD	AMPS	POLES	CIRCUIT DESCRIPTION	POLES	AMPS	LOAD	CKT NO
TELEDATA 1031 REC	1	20	1,080	1	2	540	20	1	TELEDATA 2076B REC	1	20	1,080	1
TELEDATA 1031 RACK #1	1	30	1,100	3	4	1,100	30	1	TELEDATA 2076B RACK #1	1	30	1,100	3
TELEDATA 1031 RACK #2	1	30	1,100	5	6	1,100	30	1	TELEDATA 2076B RACK #2	1	30	1,100	5
TELEDATA 1031 RACK #3	1	30	1,100	7	8	1,100	30	1	TELEDATA 2076B RACK #3	1	30	1,100	7
TELEDATA 1031 RACK #4	1	30	1,100	9	10	1,100	30	1	TELEDATA 2076B RACK #4	1	30	1,100	9
TELEDATA 1031 RACK #5	1	30	1,100	11	12	540	20	1	TELEDATA 2076B REC	1	20	1,080	1
TELEDATA 1031 RACK #6	1	30	1,100	13	14	1,100	30	1	TELEDATA 2076B RACK #1	1	30	1,100	3
TELEDATA 1031 RACK #7	1	30	1,100	15	16	1,100	30	1	TELEDATA 2076B RACK #2	1	30	1,100	5
TELEDATA 1031 RACK #8	1	30	1,100	17	18	1,100	30	1	TELEDATA 2076B RACK #3	1	30	1,100	7
LEAK DETECTION PANEL	1	20	100	19	20	1,100	30	1	TELEDATA 2076B RACK #4	1	30	1,100	9
SPARE	1	20		21	22		20	1	SPARE	1	20		21
SPARE	1	20		23	24		20	1	SPARE	1	20		23
SPARE	1	20		25	26		20	1	SPARE	1	20		25
SPARE	1	20		27	28		20	1	SPARE	1	20		27
SPARE	1	30		29	30		30	1	SPARE	1	30		29
SUBTOTAL	-	-	9,980	-	-	9,980	-	-	SUBTOTAL	-	-	9,980	-
ST - SHUNT TRIP													
INCREASE # OF POLES, OR ADD SECTIONS, AS REQUIRED DURING CONSTRUCTION TO MAINTAIN 25% SPARE CIRCUIT BREAKERS.													

PANEL SSP													
MAIN BUS AMPS: 100 A				A/C SECTIONS: 10,000 A (FULLY RATED BREAKERS)				EQUIPMENT GROUND BUS					
MAIN BREAKER: 50 A-ST				MOUNTING: 1 - 30 SPACE				SURFACE					
VOLTAGE: 208Y/120 V				LOCATION:									
PHASES/WIRES: 3 PH / 4 W													
CIRCUIT DESCRIPTION		POLES	AMPS	LOAD	CKT NO	CKT NO	LOAD	AMPS	POLES	CIRCUIT DESCRIPTION			
SS 1027 REC		1	20	900	1	2	500	20	1	SS 1027 PANIC BUTTON PANEL			
ACCESS CONTROL CENTRAL EQUIP		1	30	1,000	3	4	1,500	20	1	PA SYSTEM RACK / AMPLIFIERS			
SS 1027 ACCESS CONTROL PANEL		1	30	100	5	6	500	20	1	DURESS PHONE SYSTEM			
NVR/CENTRAL SURVEILLANCE RACK		2	20	1,800	7	8	500	20	1	INTRUSION DETECTION SYSTEM			
				1,800	9	10	1,000	20	1	SS 1027 NURSE CALL PANEL			
SS 2022 SURVEILLANCE RACK		1	20	500	11	12	500	20	1	SS 3022 SURVEILLANCE RACK			
SS 2022 ACCESS CONTROL PANEL		1	20	500	13	14	500	20	1	SS 3022 ACCESS CONTROL PANEL			
SS 2022 PANIC BUTTON PANEL		1	20	500	15	16	500	20	1	SS 3022 PANIC BUTTON PANEL			
SS 2022 NURSE CALL PANEL		1	20	1,000	17	18	1,000	20	1	SS 3022 NURSE CALL PANEL			
SS 2022 REC		1	20	360	19	20	360	20	1	SS 3022 REC			
EAST SITE DURESS AND CAMERAS		1	20	200	21	22		20	1	SPARE			
WEST SITE DURESS AND CAMERAS		1	20	200	23	24		20	1	SPARE			
SPARE		1	20		25	26		20	1	SPARE			
SPARE		1	20		27	28		20	1	SPARE			
SPARE		1	30		29	30		20	1	SPARE			
SUBTOTAL		-	-	8,860	-	-	6,860	-	-	SUBTOTAL			
ST - SHUNT TRIP													
INCREASE # OF POLES, OR ADD SECTIONS, AS REQUIRED DURING CONSTRUCTION TO MAINTAIN 25% SPARE CIRCUIT BREAKERS.													

Panel Summary	
Total connected load	19,860 va
Total Demand Load	14,930 va
Line to Line Voltage	208 volts
Line to Neutral Voltage	120 volts
Number of Phases	3 phase
Demand Current	41.4 amps

Demand Factors		
Motors	max	all others
	1.25	1.00
Receptacles	0-10kva	>10kva
	1.00	0.50
Lights	1.00	
Heat	1.00	
Cooling	1.00	
Other	1.00	

PANEL CP1													
MAIN BUS AMPS: 100 A				A/C SECTIONS: 10,000 A (FULLY RATED BREAKERS)				MAIN LUGS ONLY					
MAIN BREAKER: N/A				MOUNTING: 1-24 SPACE				EQUIPMENT GROUND BUS					
VOLTAGE: 208Y/120 V				LOCATION:									
PHASES/WIRES: 3 PH / 4 W													
CIRCUIT DESCRIPTION		POLES	AMPS	LOAD	CKT NO	CKT NO	LOAD	AMPS	POLES	CIRCUIT DESCRIPTION			
HEARING 1057 / 1058 REFRIGERATOR		1	20	1,500	1	2	960	20	1	PHARMACY MEDS DISPENSER #1			
RADIOLOGY 1043 REC		1	20	720	3	4	1,440	20	1	PHARMACY MEDS DISPENSER #2			
RADIOLOGY 1043 CONTROL REC		1	20	900	5	6	480	20	1	PHARMACY FREEZER			
PT FREEZER / TOWELS		1	20	2,000	7	8	1,380	20	1	PHARMACY REFRIGERATOR			
STERILE 1115 MEDS REFRIGERATORS		1	20	1,440	9	10	960	20	1	RADIOLOGY MEDS DISPENSER			
LAB UNDER CAB REFRIGERATORS		1	20	960	11	12	1,498	20	2	ERCU-3			
LAB SMALL REFRIGERATOR		1	20	1,080	13	14	1,498	20	1	SPARE			
LAB LARGE REFRIGERATOR		1	20	1,380	15	16		20	1	SPARE			
LAB FUTURE REFRIGERATOR		1	20	180	17	18		20	1	SPARE			
SPARE		1	20		19	20		20	1	SPARE			
SPARE		1	20		21	22		20	1	SPARE			
SPARE		1	20		23	24		20	1	SPARE			
SUBTOTAL		-	-	10,160	-	-	8,216	-	-	SUBTOTAL			
GFI - GROUND FAULT BREAKER LCK - LOCKABLE TAB													
INCREASE # OF POLES, OR ADD SECTIONS, AS REQUIRED DURING CONSTRUCTION TO MAINTAIN 25% SPARE CIRCUIT BREAKERS.													

PANEL CP2													
MAIN BUS AMPS: 100 A				A/C SECTIONS: 10,000 A (FULLY RATED BREAKERS)				MAIN LUGS ONLY					
MAIN BREAKER: N/A				MOUNTING: 1 - 18 SPACE				EQUIPMENT GROUND BUS					
VOLTAGE: 208Y/120 V				LOCATION:									
PHASES/WIRES: 3 PH / 4 W													
CIRCUIT DESCRIPTION				POLES	AMPS	LOAD	CKT NO	CKT NO	LOAD	AMPS	POLES	CIRCUIT DESCRIPTION	
MEDS 2027 DISPENSE / REF				1	20	2,100	1	2	2,100	20	1	MEDS 2080 DISPENSE / REF	
OMNICELL 2020A REC				1	20	1,440	3	4	1,440	20	1	OMNICELL 2065A REC	
MEDS 2049 DISPENSE / REF				1	20	2,100	5	6	2,100	20	1	MEDS 2082 DISPENSE / REF	
OMNICELL 2042A REC				1	20	1,440	7	8	1,440	20	1	OMNICELL 2042A REC	
SPARE				1	20		9	10		20	1	SPARE	
SPARE				1	20		11	12		20	1	SPARE	
SPARE				1	20		13	14		20	1	SPARE	
SPARE				1	20		15	16		20	1	SPARE	
SPARE				1	20		17	18		20	1	SPARE	
SUBTOTAL				-	-	7,080	-	-	7,080	-	-	SUBTOTAL	
GFI - GROUND FAULT BREAKER LCK - LOCKABLE TAB													
INCREASE # OF POLES, OR ADD SECTIONS, AS REQUIRED DURING CONSTRUCTION TO MAINTAIN 25% SPARE CIRCUIT BREAKERS.													

PANEL CP3													
MAIN BUS AMPS: 100 A				A/C SECTIONS: 10,000 A (FULLY RATED BREAKERS)				MAIN LUGS ONLY					
MAIN BREAKER: N/A				MOUNTING: 1 - 18 SPACE				EQUIPMENT GROUND BUS					
VOLTAGE: 208Y/120 V				LOCATION:									
PHASES/WIRES: 3 PH / 4 W													
CIRCUIT DESCRIPTION	POLES	AMPS	LOAD	CKT NO	CKT NO	LOAD	AMPS	POLES	CIRCUIT DESCRIPTION	POLES	AMPS	LOAD	CKT NO
MEDS 2027 DISPENSE / REF	1	20	2,100	1	2	2,100	20	1	MEDS 2060 DISPENSE / REF	1	20	2,100	1
CINCEC 2028A REC	1	20	1,440	3	4	1,440	20	1	CINCEC 2058A REC	1	20	1,440	1
MEDS 2049 DISPENSE / REF	1	20	2,100	5	6	2,100	20	1	MEDS 2082 DISPENSE / REF	1	20	2,100	1
SPARE	1	20	7	8	1,440	20	1	CINCEC 2042A REC	1	20	1,440	1	
SPARE	1	20	9	10		20	1	SPARE					
SPARE	1	20	11	12		20	1	SPARE					
SPARE	1	20	13	14		20	1	SPARE					
SPARE	1	20	15	16		20	1	SPARE					
SPARE	1	20	17	18		20	1	SPARE					
SUBTOTAL	-	-	5,640	-	-	7,080	-	-	SUBTOTAL	-	-	-	-
GFI - GROUND FAULT BREAKER LCK - LOCKABLE TABS													
INCREASE # OF POLES, OR ADD ADDITIONAL, AS REQUIRED DURING CONSTRUCTION TO MAINTAIN 25% SPARE CIRCUIT BREAKERS.													