

PANEL DESIGNATION: PPH-10A	LOCATION: 10 DUNNIGAN ELECTRICAL ROOM					REMARKS:		
	SERVICE:	480Y/277 V	3 PHASE, 4 WIRE					
	MAIN BUS RATING:	225 AMPS						
	MAIN LUGS ONLY:	200 AMPS						
	SCC RATING (SYM.):	22 k A.I.C.						
MOUNTING:		SURFACE MOUNTED			NEUTRAL BUS: 100% GROUNDING: EQUIPMENT GROUND BUS: YES ISOLATED GROUND BUS: NO			
SERVICE TO:	TRIP	NO.	A	B	C	NO.	TRIP	SERVICE TO:
THERMOCYCLER 'TRG-5'	15A	1	19556			2	80A	WATER HEATER 'WH(1)'
		3		10406		4	40A	WATER HEATER 'WH(3)'
		5			7606	6	25A	WATER HEATER 'WH(4)'
THERMOCYCLER 'TRA-5'	15A	7	2106			8	20A	SPARE
		9		2106		10	20A	SPARE
		11			2106	12	20A	SPARE
THERMOCYCLER 'TRA-4'	15A	13	2106			14	20A	SPARE
		15		2106		16	20A	SPARE
		17			2106	18	20A	SPARE
SPARE	20A	19	0			20	20A	SPARE
EMERGENCY DISTRIBUTION ROOM LIGHTING	20A	21		54		22	20A	SPARE
10 DUNNIGAN ELECTRIC ROOM LIGHTING	20A	23			54	24	20A	SPARE
SPARE	20A	25	0			26	20A	SPARE
JANITOR'S CLOSET 122 AND TOILET 123 LIGHTING	20A	27		50		28	20A	SPARE
10 DUNNIGAN SOUTH SITE LIGHTING	20A	29			330	30	20A	SPARE
10 DUNNIGAN SOUTH SITE LIGHTING	20A	31	375			32	20A	SPARE
SPARE	20A	33		0		34	20A	SPARE
SPARE	20A	35			0	36	20A	SPARE
SPARE	20A	37	0			38	20A	SPARE
SPARE	20A	39		0		40	20A	SPARE
SPARE	20A	41			0	42	20A	SPARE
TOTAL CONNECTED LOAD PER PHASE (KVA)		24.14	14.72	12.20				
TOTAL CONNECTED LOAD					51.07 KVA	61.4 A		
TOTAL DEMAND LOAD					51.28 KVA	61.7 A		

PANEL DESIGNATION: PPH-10C	LOCATION: 10 DUNNINGAN - NORTH SIDE					REMARKS:		
	SERVICE:	480Y/277 V	3 PHASE, 4 WIRE					
	MAIN BUS RATING:	225 AMPS						
	MAIN CIRCUIT BREAKER:	200 AMPS						
	SCC RATING (SYM.):	18 k A.I.C.						
MOUNTING:		SURFACE MOUNTED			NEUTRAL BUS: 100%		EQUIPMENT GROUND BUS: YES ISOLATED GROUND BUS: NO	
					GROUNDING:			
SERVICE TO:	TRIP	NO.	A	B	C	NO.	TRIP	SERVICE TO:
NORTH ASRS LIGHTING	20A	1	1799			2	20A	NORTH ASRS LIGHTING
NORTH ASRS LIGHTING	20A	3		1840		4	20A	NORTH ASRS LIGHTING
NORTH ASRS LIGHTING	20A	5				6	20A	NORTH ASRS LIGHTING
NORTH ASRS LIGHTING	20A	7	920			8	20A	SPARE
NORTH ASRS LIGHTING	20A	9		920		10	20A	SPARE
10 DUNNINGAN NORTH SITE LIGHTING	20A	11			480	12	20A	SPARE
10 DUNNINGAN NORTH SITE LIGHTING	20A	13	330			14	20A	SPARE
SPARE	20A	15		0		16	20A	SPARE
SPARE	20A	17			0	18	20A	SPARE
SPARE	20A	19	0			20	20A	SPARE
SPARE	20A	21		0		22	20A	SPARE
SPARE	20A	23			0	24	20A	SPARE
SPARE	20A	25	0			26	20A	SPARE
SPARE	20A	27		0		28	20A	SPARE
SPARE	20A	29			0	30	20A	SPARE
SPARE	20A	31	0			32	20A	SPARE
SPARE	20A	33		0		34	20A	SPARE
SPARE	20A	35			0	36	20A	SPARE
SPARE	20A	37	0			38	20A	SPARE
SPARE	20A	39		0		40	20A	SPARE
SPARE	20A	41			0	42	20A	SPARE
TOTAL CONNECTED LOAD PER PHASE (kVA)			3.05	2.76	2.55			
TOTAL CONNECTED LOAD			8.36 KVA			10.1 A		
TOTAL DEMAND LOAD			10.45 KVA			12.6 A		

PANEL DESIGNATION: PP-A	LOCATION: ADMIN OFFICE ELECTRICAL ROOM					REMARKS: * FURNISH AND INSTALL GFCI TYPE CIRCUIT BREAKER.				
	SERVICE:	208Y/120 V	3 PHASE, 4 WIRE							
	MAIN BUS RATING:	400 AMPS								
	MAIN CIRCUIT BREAKER:	400 AMPS								
	SCC RATING (SYM.):	10 k A.I.C.								
MOUNTING:		SURFACE MOUNTED			NEUTRAL BUS 100% GROUNDING:		EQUIPMENT GROUND BUS: YES			
SERVICE TO:		TRIP	NO.	A	B	C	NO.	TRIP	SERVICE TO:	
MEZZ 1 - OPERATIONS OFFICE RECEPTACLES		20A	1	2520			2	20A	MEZZ 1 - OPERATIONS OFFICE RECEPTACLES	
MEZZ 1 - OPERATIONS OFFICE RECEPTACLES		20A	3		2520		4	20A	MEZZ 1 - OPERATIONS OFFICE RECEPTACLES	
MEZZ 1 - OPERATIONS OFFICE RECEPTACLES		20A	5			1800	6	20A	MEZZ 1 - DELIVERY ROOM RECEPTACLES	
MEZZ 1 - RESTROOM RECEPTACLES		20A	7	2400			8	20A	* MEZZ 1 - VENDING MACHINE	
MEZZ 1 - HAND DRYER		20A	9		3000		10	20A	* MEZZ 1 - VENDING MACHINE	
MEZZ 1 - CORRIDOR & DELIVERY RECEPTACLES		20A	11			2580	12	20A	* MEZZ 1 - VENDING MACHINE	
MEZZ 2 - MANAGERIAL OFFICE RECEPTACLES		20A	13	2340			14	20A	MEZZ 1 - BREAKROOM RECEPTACLES	
MEZZ 2 - MANAGERIAL OFFICE RECEPTACLES		20A	15		900		16	20A	SPARE	
MEZZ 2 - CONFERENCE ROOM RECEPTACLES		20A	17			2760	18	20A	MEZZ 1 - MICROWAVE	
MEZZ 2 - MENS LOCKER ROOM RECEPTACLES		20A	19	2580			20	20A	MEZZ 1 - REFRIGERATOR	
MEZZ 2 - MENS RESTROOM RECEPTACLES		20A	21		1800		22	20A	MEZZ 2 - RECEPTION RECEPTACLES	
MEZZ 2 - HAND DRYER		20A	23			2580	24	20A	MEZZ 2 - OFFICE RECEPTACLES	
MEZZ 2 - CORRIDOR RECEPTACLES		20A	25	1620			26	20A	ADMIN OFFICE - PANTRY & LACTATION RECEPT.	
ADMIN OFFICE - RESTROOM RECEPTACLES		20A	27		2340		28	20A	ADMIN OFFICE - CATERING HALL RECEPTACLES	
ADMIN OFFICE - COPIER		20A	29			2400	30	20A	ADMIN OFFICE - KITCHEN RECEPTACLES	
ADMIN OFFICE - COPIER		20A	31	3000			32	20A	ADMIN OFFICE - REFRIGERATOR	
ADMIN OFFICE - STORAGE, COPIER RECEPT		20A	33		2220		34	20A	ADMIN OFFICE - DISHWASHER	
ADMIN OFFICE - PRESENTATION HALL RECEPT		20A	35			1260	36	20A	SPARE	
ADMIN OFFICE - PRESENTATION HALL RECEPT		20A	37	1440			38	20A	ADMIN OFFICE - OFFICE 3 & 4 RECEPTACLES	
ADMIN OFFICE - CONFERENCE RECEPTACLES		20A	39		2340		40	20A	ADMIN OFFICE - OFFICE 5 & 6 RECEPTACLES	
ADMIN OFFICE - OFFICE 1 & 2 RECEPTACLES		20A	41			2520	42	20A	ADMIN OFFICE - OFFICE C RECEPTACLES	
GSM OFFICE #1 RECEPTACLES		20A	43	1800			44	20A	ADMIN CENTER - FURNITURE SYSTEM	
GSM OFFICE #2 RECEPTACLES		20A	45		1800		46	20A	ADMIN CENTER - FURNITURE SYSTEM	
ADMIN ROOF RECEPTACLES		20A	47			2520	48	20A	ADMIN CENTER - FURNITURE SYSTEM	
EXHAUST FAN 'EF-1'		15A	49	1776			50	20A	ADMIN CENTER - FURNITURE SYSTEM	
EXHAUST FAN 'EF-2'		20A	51		3000		52	20A	ADMIN CENTER - FURNITURE SYSTEM	
DUCTLESS SPLIT SYSTEM 'CC-1'		20A	53			2890	54	20A	ADMIN CENTER - FURNITURE SYSTEM	
		20A	55	2890			56	20A	ADMIN CENTER - FURNITURE SYSTEM	
DUCTLESS SPLIT SYSTEM 'WDS-1'		15A	57		2276		58	20A	ADMIN CENTER - FURNITURE SYSTEM	
		15A	59			2276	60	20A	ADMIN CENTER - FURNITURE SYSTEM	
ELECTRIC WALL HEATER 'EWH-1'		25A	61	3080			62	20A	ADMIN CENTER - FURNITURE SYSTEM	
		25A	63		3080		64	20A	ADMIN CENTER - FURNITURE SYSTEM	
ELECTRIC WALL HEATER 'EWH-2'		25A	65			3080	66	20A	ADMIN CENTER - FURNITURE SYSTEM	
		25A	67	3700			68	20A	* ELECTRIC RADIANT FLOOR HEAT 'ERFH-4'	
ADMIN LEVEL CEILING EXHAUST FANS		20A	69		1554		70	20A	ADMIN OFFICE - HAND DRYER	
ADMIN CENTER - RECEPTACLES		20A	71			2760	72	20A	ADMIN OFFICE - HAND DRYER	
MEZZ 1 - HAND DRYER		20A	73	3000			74	20A	MEZZ 2 - HAND DRYER	
MEZZ 1 - HAND DRYER		20A	75		3000		76	20A	MEZZ 2 - HAND DRYER	
MEZZ 2 - BREAKROOM RECEPTACLES		20A	77			1080	78	20A	MEZZ 2 - WOMEN'S RESTROOM RECEPTACLES	
SPARE		20A	79	1500			80	20A	ADMIN OFFICE - HAND DRYER	
SPARE		20A	81		1500		82	20A	ADMIN OFFICE - HAND DRYER	
SPARE		20A	83			0	84	20A	SPARE	
TOTAL CONNECTED LOAD PER PHASE (KVA)				33.65	31.33	30.51				
TOTAL CONNECTED LOAD						95.48 KVA	265.0 A			
TOTAL DEMAND LOAD						73.93 KVA	205.2 A			

PANEL DESIGNATION: LP-10A	LOCATION: 10 DUNNINGAN ELECTRICAL ROOM					REMARKS: * FURNISH AND INSTALL GFCI TYPE CIRCUIT BREAKER			
	SERVICE:	208Y/120 V		3 PHASE, 4 WIRE					
	MAIN BUS RATING:	225 AMPS							
	MAIN CIRCUIT BREAKER:	150 AMPS							
	SCC RATING (SYM.):	10 k A.I.C.							
MOUNTINGS		SURFACE MOUNTED							
SERVICE TO:		TRIP	NO.	A	B	C	NO.	TRIP	SERVICE TO:
AS/RS CONTROL PANEL		20A	1	1200			2	20A	AS/RS CONTROL PANEL
AS/RS MAINTENANCE RECEPTACLES		20A	3		1500		4	20A	AS/RS CONTROL PANEL
ELECTRICAL ROOM RECEPTACLES		20A	5			2400	6	20A	SWITCHGEAR HEATER
EXHAUST FAN EF-4 & EF-5		20A	7	343			8	20A	SPARE
HAND DRYER		20A	9		2100		10	20A	* WATER FOUNTAIN
HAND DRYER		20A	11			1500	12	20A	SPARE
RESTROOM RECEPTACLES		20A	13	2064			14	35A	LOADING DOCK DOOR T88
LOADING DOCK DOOR T42		35A	15		2688		16	35A	LOADING DOCK DOOR T43
LOADING DOCK DOOR T44		35A	17			2688	18	35A	LOADING DOCK DOOR T45
LOADING DOCK DOOR T46		35A	19	2688			20	35A	LOADING DOCK DOOR T47
LOADING DOCK DOOR T48		35A	21		2688		22	35A	LOADING DOCK DOOR T49
LOADING DOCK DOOR T50		35A	23			2688	24	35A	LOADING DOCK DOOR T51
LOADING DOCK DOOR T52		35A	25	2688			26	35A	LOADING DOCK DOOR T53
LOADING DOCK DOOR T54		35A	27		2688		28	35A	LOADING DOCK DOOR T55
LOADING DOCK DOOR T56		35A	29			2688	30	35A	LOADING DOCK DOOR T57
LOADING DOCK DOOR T58		35A	31	2688			32	35A	LOADING DOCK DOOR T59
LOADING DOCK DOOR T60		35A	33		2324		34	20A	THREE (3) ELECTRIC COVE HEATERS "ECH-A"
HAND DRYER		20A	35			2480	36	20A	
SPARE		20A	37	0			38	20A	SPARE
SPARE		20A	39		0		40	20A	SPARE
SPARE		20A	41			0	42	20A	SPARE
TOTAL CONNECTED LOAD PER PHASE (kVA)				11.67	13.99	14.44			
TOTAL CONNECTED LOAD					40.10 KVA			111.3 A	
TOTAL DEMAND LOAD					40.10 KVA			111.3 A	