










NEW PANELBOARD SCHEDULE 'HSW'													
TYPE: PANELBOARD VOLTAGE: 480Y/277V 3Ø 4W MOUNTING: SURFACE BUS AMPS: 400	NEMA TYPE: AFC C/B RATING: FULLY RATED C/B A.I.C.: 22,000		NEMA 1 16,323		MAIN TYPE: FEED THRU ISO. GROUND: SERVICE RATED:		M.L.O. NO NO NO						
PROVIDE GFCI CIRCUIT BREAKER 	PROVIDE TIE BAR 				EXIST. TO REMAIN UNCHANGED 								
HANDLE "LOCK-ON" DEVICE 	CIRCUIT VIA LTG CONTROLS 				EXIST. WITH CHANGED LOAD 								
HANDLE "LOCK-OFF" DEVICE 	EXIST. W/ ALL LOAD REMOVED 				NEW BREAKER WITH NEW LOAD 								
R = RECEIPTS H = H.V.A.C. E = EQUIP. K = KITCHEN M = MISC. L = CONT. LIGHTING C = CONT. EQUIP.													
T	AREA SERVED					C/B #	A#	B#	C#	#	C/B	T	AREA SERVED
L LIGHTING - OFFICE	20	1	686			2	50						
	20	3	10720			4							
L LIGHTING - WAREHOUSE (a)	20	5		4370		6							H HP1-20T
	20	7		10720		8							
L LIGHTING - WAREHOUSE (b)	20	9			3680	10							
	20	11			10720	12							
- SPARE	20	13				14							
	20	15		10720		16							C HP4-20T
- SPARE	20	17			10720	18							
	20	19				20							
- SPARE	20	21				22							- BUSSED SPACE
	20	23				24							- BUSSED SPACE
- SPARE	20	25				26							- BUSSED SPACE
	20	27				28							- BUSSED SPACE
- SPARE	20	29				30							- BUSSED SPACE
	20	31				32							- BUSSED SPACE
E OVERHEAD DOOR (a)	20	33			1662	34							- BUSSED SPACE
	20	35				36							- BUSSED SPACE
E OVERHEAD DOOR (b)	20	37				38							- BUSSED SPACE
	20	39				40							- BUSSED SPACE
E OVERHEAD DOOR (c)	20	41				42							- BUSSED SPACE
	20	43				44							H HP-5T
- BUSSED SPACE	20	45				46							
- BUSSED SPACE	20	47				48							
- BUSSED SPACE	20	49				50							- PANEL "LSW"
- BUSSED SPACE	20	51				52							
NON-CONTINUOUS LOAD 23955 23235 24525 24525 VA / 277 V = 88.5 AMPS													
CONTINUOUS LOAD 11406 15090 14400 15090 VA / 277 V = 54.5 AMPS													
CONTINUOUS LOAD @ 25% 2852 3773 3600 3773 VA / 277 V = 13.6 AMPS													
TOTAL LOAD PER PHASE 38213 42098 42525 42525 VA / 277 V = 153.5 AMPS													

NEW PANELBOARD SCHEDULE 'LSW'													
TYPE: PANELBOARD	208Y/120V 3Ø 4W	NEMA TYPE: AFC	<10,000	MAIN TYPE: FEED THRU	NO	225A M.C.B.	NO						
VOLTAGE: 208Y/120V 3Ø 4W		C/B RATING: FULLY RATED	10,000	ISO. GROUND: NO	NO		NO						
MOUNTING: SURFACE	225	C/B A.I.C.: NO		SERVICE RATED: NO	NO		NO						
BUS AMPS: 225													
PROVIDE GFCI CIRCUIT BREAKER	⊗	PROVIDE TIE BAR	⊕	EXIST. TO REMAIN UNCHANGED	□								
HANDLE "LOCK-ON" DEVICE	⊗	CIRCUIT VIA LTG CONTROLS	◇	EXIST. WITH CHANGED LOAD	○								
HANDLE "LOCK-OFF" DEVICE	⊗	EXIST. W/ ALL LOAD REMOVED	◇	NEW BREAKER WITH NEW LOAD	△								
R = RECEIPTS	H = H.V.A.C.	E = EQUIP.	K = KITCHEN	M = MISC.	L = CONT. LIGHTING	C = CONT. EQUIP.							
T	AREA SERVED	C/B #	A#	B#	C#	#	C/B T	AREA SERVED					
R RECEIPTS - OPEN OFFICE (a)	20	1	540			2	1	R RECEIPTS - DOCK LEVELER (a)					
			720										
R RECEIPTS - OPEN OFFICE (b)	20	3	540			4	1	R RECEIPTS - DOCK LEVELER (b)					
			720										
R RECEIPTS - OPEN OFFICE (c)	20	5			540	6	1	R RECEIPTS - DOCK LEVELER (c)					
					720								
R RECEIPTS - BREAK RM REFRIG.	20	7	1200			8	1	- BUSSED SPACE					
R RECEIPTS - BREAK RM COFFEE	20	9		1200		10	1	- BUSSED SPACE					
R RECEIPTS - BREAK RM DISPOS.	20	11			1200	12	1	- BUSSED SPACE					
R RECEIPTS - RRg/EFs	20	13	720			14	1	- BUSSED SPACE					
R RECEIPTS - EDF	20	15		360		16	1	- BUSSED SPACE					
R RECEIPTS - RECIRC PUMP	20	17			360	18	1	- BUSSED SPACE					
R RECEIPTS - TMB	20	19	360			20	1	- BUSSED SPACE					
R RECEIPTS - OFFICE ROOFTOP	20	21		360		22	1	- BUSSED SPACE					
E WATER HEATER	20	23			1650	24	1	- BUSSED SPACE					
R RECEIPTS - WRSHE ROOFTOP	20	25	360			26	1	- BUSSED SPACE					
- SPARE	20	27				28	1	- BUSSED SPACE					
- SPARE	20	29				30	1	- BUSSED SPACE					
- SPARE	20	31				32	1	- BUSSED SPACE					
- SPARE	20	33				34	1	- BUSSED SPACE					
- SPARE	20	35				36	1	- BUSSED SPACE					
- SPARE	20	37				38	1	- BUSSED SPACE					
- SPARE	20	39				40	1	- BUSSED SPACE					
- SPARE	20	41				42	1	- BUSSED SPACE					
NON-CONTINUOUS LOAD		3900	3180	4470	4470	VA / 120 V =	37.3 AMPS						
CONTINUOUS LOAD		0	0	0	0	VA / 120 V =	0.0 AMPS						
CONTINUOUS LOAD @ 25%		0	0	0	0	VA / 120 V =	0.0 AMPS						
TOTAL LOAD PER PHASE		3900	3180	4470	4470	VA / 120 V =	37.3 AMPS						

NEW PANELBOARD SCHEDULE 'HSM'									
TYPE: PANELBOARD VOLTAGE: 480Y/277V 3Ø 4W MOUNTING: SURFACE BUS AMPS: 400	NEMA TYPE: C/B RATING: C/B A.I.C.: 400	NEMA 1: 31,147 FULLY RATED: 35,000	MAIN TYPE: FEED THRU ISO. GROUND: SERVICE RATED:	M.L.O. NO NO NO					
PROVIDE GFCI CIRCUIT BREAKER ⊗	PROVIDE TIE BAR ⊕	EXIST. TO REMAIN UNCHANGED □							
HANDLE "LOCK-ON" DEVICE ⊗	CIRCUIT VIA LTG CONTROLS ◇	EXIST. WITH CHANGED LOAD ○							
HANDLE "LOCK-OFF" DEVICE ⊗	EXIST. W/ ALL LOAD REMOVED ◇	NEW BREAKER WITH NEW LOAD △							
R = RECEIPTS H = H.V.A.C. E = EQUIP. K = KITCHEN M = MISC. L = CONT. LIGHTING C = CONT. EQUIP.									
T	AREA SERVED	C/B #	A#	B#	C#	#	C/B T	AREA SERVED	
L LIGHTING - WAREHOUSE (a)	20	1	3680			2	50		
		1	10720						
L LIGHTING - WAREHOUSE (b)	20	3		3680			4	H HP2-20T	
		3		10720					
- BUSSED SPACE		5				10720	6	3	
- BUSSED SPACE		7					8	50	
		7		10720			10	3	
- BUSSED SPACE		9					12	50	
- BUSSED SPACE		11				10720	12	3	
- BUSSED SPACE		13					14	50	
- BUSSED SPACE		15	2660				16	3	
- BUSSED SPACE		17		2660			18	50	
- BUSSED SPACE		19			2660		20	3	
- BUSSED SPACE		21	2660				22	50	
- BUSSED SPACE		23		2660			24	3	
- BUSSED SPACE		25			2660		26	50	
		25	1662				28	3	
			2660						
E OVERHEAD DOOR (a)		27		1662			28	50	
		27		2660					
		29			1662		30	3	
		29			2660				
		31	1662				32	1	
				1662			34	1	
		33			1662		36	1	
		35					38	100	
		37	1662						
			3720						
E OVERHEAD DOOR (b)		39		1662			40		
		39		1440					
		41			1662		42	3	
					1080				
NON-CONTINUOUS LOAD		26806	25126	24766	26806	VA / 277 V =	96.8 AMPS		
CONTINUOUS LOAD		14400	14400	10720	14400	VA / 277 V =	52.0 AMPS		
CONTINUOUS LOAD @ 25%		3600	3600	2680	3600	VA / 277 V =	13.0 AMPS		
TOTAL LOAD PER PHASE		44806	43126	38166	44806	VA / 277 V =	161.8 AMPS		

NEW PANELBOARD SCHEDULE 'LSM'												
TYPE: PANELBOARD	208Y/120V 3Ø 4W	NEMA TYPE: AFC	<10,000	MAIN TYPE: FEED THRU	NO	225A M.C.B.	NO					