

(X)PANEL 1LPT REVISED

BOLT-ON	208		120		V.		3		PH.		4		WIRE		PROVIDE IF CHECKED:	EQUIP. GROUND BUS NEUTRAL BUS GUTTER TAPS SUB-FEED LUGS
	LOAD		CKT		CKT		LOAD VA		CKT		CKT		LOAD VA			
	VA	BKR	#	A	B	C	#	BKR	#	BKR	VA	LOAD SERVED				
LOAD SERVED																
(X)RCPT RM 117		201	1	540			2	201	540		RCPS: LAB 117 LAB TABLE					
(X)RCPT RM 117		201	3		540		4	201	540		RCPS: LAB 117 LAB TABLE					
(X)RCPT RM 117		201	5			540	6	201	540		RCPS: LAB 117 LAB TABLE					
(X)RCPT RM 117		201	7	900			8	201	900		RCPS: SURFACE RACEWAY LAB 117 (NOTE 4)					
(X)RCPT RM 117		201	9		540		10	201	540		RCPS: LAB 117 LAB TABLE (NOTE 2)					
(X)RCPT RM 117		201	11			540	12	201	540		RCPS: LAB 117 LAB TABLE (NOTE 2)					
RCP: UC REFRIG (NOTE 2)	600	201	13	1,140			14	201	540		RCPS: RM 117-117A					
RCP: MICROWAVE (NOTE 2)	750	201	15			750	16	201			(X)SHUNT TRIP CONTROL					
RCPS: OFFICE 117B, LAB 117 (NOTE 2)	720	201	17			1,260	18	201	540		RCPS: LAB 117 LAB TABLE					
RCPS: LAB 118 (NOTE 2)	720	201	19	1,260			20	201	540		RCPS: LAB 117 LAB TABLE					
RCPS: LAB 117 LAB TABLE	540	201	21			720	22	201	180		HOOD RM 117					
RCPS: LAB 117 LAB TABLE	540	201	23				24	201			(X)SPARE					
SPACE	-	-	25	540			26	201	540		RCPS: LAB 117 LAB TABLE					
SPACE	-	-	27		540		28	201	540		RCPS: LAB 117 LAB TABLE (NOTE 3)					
SPACE	-	-	29			540	30	201	540		RCPS: LAB 117 LAB TABLE (NOTE 3)					
SPACE	-	-	31	540			32	201	540		RCPS: LAB 117 LAB TABLE (NOTE 3)					
SPACE	-	-	33			540	34	201	540		RCPS: LAB 117 LAB TABLE (NOTE 3)					
SPACE	-	-	35				36	201	540		RCPS: LAB 117 LAB TABLE (NOTE 3)					
SPACE	-	-	37				38	-			SPACE					
SPACE	-	-	39				40	-			SPACE					
SPACE	-	-	41				42	-			SPACE					
NOTES:							4,920	3,630	3,960	TOTAL VOLT AMPS		125	A. BUS (COPPER)			
1. (X) INDICATES EXISTING CONDITION							41	30	33	CONN. AMPS		125	A. MAIN CIRCUIT BREAKER			
2. USE EXISTING BREAKER																
3. PROVIDE CIRCUIT BREAKER INDICATED, BREAKER AIC SHALL MATCH																
PANEL AIC RATING.																
4. GFI BREAKER																

(X)PANEL 1LPV REVISED

BOLT-ON	208		120		V.		3		PH.		4		WIRE		PROVIDE IF CHECKED:	XX XX	EQUIP. GROUND BUS NEUTRAL BUS GUTTER TAPS SUB-FEED LUGS			
	LOAD		CKT		CKT		LOAD VA		CKT		CKT		LOAD							
	VA	BKR	#	A	B	C	#	BKR	#	BKR	VA	LOAD SERVED								
LOAD SERVED																				
(X)RCPT RM 118		201	1	180			2	201	180		RCPT RM 118A									
(X)RCPT RM 118		201	3		180		4	201	180		RCPT RM 118A									
(X)RCPT RM 118B		201	5			540	6	201	540		RCPT RM 118A									
(X)RCPT RM 118		201	7		360		8	201	360		RCPT RM 118A-118B									
(X)RCPT RM 118		201	9				10	201			(X)RCPT RM 118A									
(X)RCPT RM 118		201	11				12	201												
(X)RCPT RM 118		201	13				14	201			(X)SHUNT TRIP CONTROL									
(X)RCPT RM 118A		201	15				16	201			(X)SPARE									
(X)RCPT RM 118		201	17				18	201			(X)SPARE									
RCPT RM 118B	900	201	19	900			20	201			(X)SPARE									
RCPT RM 117A	900	201	21		900		22	201			(X)SPARE									
RCPT RM 117A	720	201	23			720	24	201			(X)SPARE									
RCPT RM 119A (NOTE 2)	180	201	25	180			26	201			(X)SPARE									
RCPT RM 119A (NOTE 2)	180	201	27		180		28	201			(X)SPARE									
RCPT RM 119A (NOTE 2)	720	201	29			720	30	201			(X)SPARE									
SPACE	-	-	31				32	-			SPACE									
SPACE	-	-	33				34	-			SPACE									
SPACE	-	-	35				36	-			SPACE									
SPACE	-	-	37				38	-			SPACE									
SPACE	-	-	39				40	-			SPACE									
SPACE	-	-	41				42	-			SPACE									
NOTES:							1,620	1,260	1,980	TOTAL VOLT AMPS		125	A. BUS (COPPER)							
1. (X) INDICATES EXISTING CONDITION							14	11	17	CONN. AMPS		125	A. MAIN CIRCUIT BREAKER							
2. USE EXISTING BREAKER																	10	KIAC MIN.		

(X)PANEL 1LPW REVISED

BOLT-ON	208		120		V.		3		PH.		4		WIRE		PROVIDE IF CHECKED:	EQUIP. GROUND BUS NEUTRAL BUS GUTTER TAPS SUB-FEED LUGS					
	MOUNT:		FLUSH																		
	LOAD VA	CKT BKR	CKT #	LOAD VA			CKT #	CKT BKR	LOAD VA	LOAD SERVED											
LOAD SERVED				A	B	C															
RCPS: LAB 119 COUNTER	540	201	1	1,080			2	201	540	RCPS: LAB 119 COUNTER											
RCPS: LAB 119 COUNTER	540	201	3		1,080		4	201	540	RCPS: SURFACE RACEWAY LAB 119											
RCPS: LAB 119 COUNTER	540	201	5			1,080	6	201	540	RCPS: FAC. OFFICE 119C											
RCPS: LAB 119 COUNTER	540	201	7	1,260			8	201	720	CLNG SERVICE PAN: LAB 119 LAB TABLE (NOTE 2)											
RCPS: LAB 119 COUNTER	540	201	9		1,620		10	201	1,080	RCPS: SURFACE RACEWAY LAB 119 (NOTE 4)											
RCPS: LAB 119 COUNTER	540	201	11			720	12	201	180	HOOD RM 119											
RCPS: LAB 119 COUNTER	540	201	13	1,080			14	201	540	RCPS: SURFACE RACEWAY LAB 119											
RCPS: LAB 119 COUNTER	540	201	15			540	16	201		(X)SHUNT TRIP CONTROL											
RCPS: SURFACE RACEWAY LAB 119 (NOTE 2)	1,080	201	17			1,080	18	201		SPACE (NOTE 3)											
HOOD RM 119 (NOTE 2)	720	201	19	1,260			20	201	540	CLNG SERVICE PAN: LAB 119 LAB TABLE (NOTE 2)											
RCPS: SURFACE RACEWAY LAB 119 (NOTE 2)	540	201	21		1,080		22	201	540	CLNG SERVICE PAN: LAB 119 LAB TABLE (NOTE 2)											
CLNG SERVICE PAN: LAB 119 LAB TABLE (NOTE 2)	540	201	23			540	24	-		SPACE											
CLNG SERVICE PAN: LAB 119 LAB TABLE (NOTE 2)	540	201	25	540			26	-		SPACE											
SPACE	-	-	27				28	-		SPACE											
SPACE	-	-	29				30	-		SPACE											
SPACE	-	-	31				32	-		SPACE											
SPACE	-	-	33				34	-		SPACE											
SPACE	-	-	35				36	-		SPACE											
SPACE	-	-	37				38	-		SPACE											
SPACE	-	-	39				40	-		SPACE											
SPACE	-	-	41				42	-		SPACE											
NOTES:										5,220		4,520		3,420		TOTAL VOLT AMPS		125	A. BUS (COPPER)		
1. (X) INDICATES EXISTING CONDITION										44		36		29		CONN. AMPS		125	A. MAIN CIRCUIT BREAKER		
2. USE EXISTING BREAKER																					
3. LABEL BREAKER SPARE.																					
4. GFI BREAKER																				10 KAIC MIN.	

(X)PANEL 1EMPA REVISED

TYPE: NEMA 1 BOLT-ON	208	120	V.	3	PH.	4	WIRE	PROVIDE IF CHECKED:	EQUIP. GROUND BUS NEUTRAL BUS GUTTER TAPS SUB-FEED LUGS
LOAD VA	CKT BKR	CKT #	LOAD VA			CKT	CKT BKR	LOAD VA	LOAD SERVED
			A	B	C				
LOAD SERVED									
XJRCPT RM 1012 EQUIP		201	1			2	201		XJRCPT RM 1222 REF
XJRCPT RM 1011 EQUIP		201	3			4	201		XJRCPT RM 1222 REF
XJRCPT RM 1072 EQUIP		201	5			6	201		XJAFAP
XJRCPT RM 1072 EQUIP		201	7			8	201		XJRCPT RM 131 S. WALL
XJRCPT RM 1071 EQUIP		201	9			10	201		XJRCPT RM 131 S. WALL
XJRCPT RM 1071 EQUIP		201	11			12	201		XJRCPT ROOM 115
RCP: REFRIG LAB 117 TABLE (NOTE 2)	540	201	13	540		14	201		XJRCPT ROOM 115
XJSPARE		201	19			16	201		XJRCPT ROOM 120
RCP: REFRIG LAB 117 TABLE (NOTE 2)	540	201	17			18	201	540	XJRCPT ROOM 120
RCP: REFRIG LAB 117 TABLE (NOTE 2)	540	201	19	1,140		20	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
RCP: REFRIG LAB 117 TABLE (NOTE 2)	540	201	21		1,140	22	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
RCP: REFRIG LAB 117 TABLE (NOTE 2)	600	201	23			1,200	24	201	600 RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
SPACE	-	25		600		26	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
SPACE	-	27			600	28	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
RCP: REFRIG LAB 117 TABLE (NOTE 2)	540	201	29			30	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
SPACE	-	31		600		32	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
SPACE	-	33			600	34	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
SPACE	-	35				36	201	600	RCP: UC REFRIG LAB 119 SERVICE PAN (NOTE 2)
SPACE	-	37				38	-		SPACE
SPACE	-	39				40	-		SPACE
SPACE	-	41				42	-		SPACE
			2,880		2,340	3,480		TOTAL VOLT AMPS	
			24		20	25		CONN. AMPS	
NOTES:									
1. (X) INDICATES EXISTING CONDITION									
2. PROVIDE CIRCUIT BREAKER INDICATED. BREAKER AIC SHALL MATCH									
PANEL AIC RATING.									
								125 A BUS (COPPER)	
								125 A MAIN CIRCUIT BREAKER	
								10 KAIC MIN.	