Case# S	SYS NO	DESCRIPTION	F FANS	L LTS	W WRMS	120/1/6 (FROM STO PANELBOAR F+L+W	ORE RDS) (FROM STORE PA		CKT I
1		R ORZH	1.60	0.9	4.37	6.88	DEFROST HEATE		OKT
2	A2 5D	R ORZH	1.60	0.9	4.37	6.88	17.5	0	_
3		R ORZH	1.60	0.9	4.37	6.88	17.5		A 2
4	A2 5D	R ORZH	1.60	0.9	4.37	6.88	(2) 35A (3		<u> </u>
							-		
Case# S		DESCRIPTION EZV	FANS 0.15	LTS	WRMS 0.81	F+L+W 0.96	DEFROST HEATE		CKT I
2		' OWIZV	0.15		2.87	3.31	17.3		
3		' OWIZV	0.44		2.87	3.31	17.3		\ A5
4	A5 OW	EZV	0.15		0.81	0.96	8.65		
	_					8.54	34.6 (208/3) &	34.6 (208/3)	
Case# S	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	DEFROST HEATE	RS (208/1)	CKT
1	A6 OIZ	<u></u>	0.30	0.0	0.71	1.01	11.6	0	
 -	 								\ A6
						1.01	11.6A (2	08/1)	
0 # 1	eve No	DESCRIPTION	FANS	LTC	WDMC		DEEDOST HEATE	TDS (208 /1)	CKT
Case# S		DESCRIPTION R ONRIZ	FANS 1.00	LTS 0.5	WRMS 2.47	F+L+W 4.01	DEFROST HEATE		
	,,,,				21.7		,,,,,		
									AS
	-						10.01.70		
						4.01	10.9A (2	08/1)	
Case# S	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	DEFROST HEATE	RS (208/1)	СКТ
1	AL6 3D	R ONRZH	1.00	0.5	2.71	4.25	10.9	0	
									AL
						4.25	10.9A (2	08/1)	
_		•							
							120/1/60		
				F	L	W	(FROM PANELBOARDS)		
Case#	SYS NO	DESCRIP	TION	FANS	LTS	WRMS	F+L+W	CKT TAG	
1	A14	6' GMD		0.30	0.2		0.50		
				- , , , , , , , , , , , , , , , , , , ,				$\left \left\langle A14\right\rangle \right $	
							0.50		
	CVC NO	DECODID	TION	EANC.	1.10	WDVC	E.L.W	CKT TAG	
Case#	SYS NO		TION	FANS	LTS	WRMS	F+L+W	TORT TAO	
1	A15	6' BMD		0.90	0.2		1.14	$\left \left\langle _{\text{A15}}\right\rangle \right $,
				- : : : : : : : :			1.14	\^13/	
	<u>l</u>	1					1.17		
Case#	SYS NO	DESCRIP	TION	FANS	LTS	WRMS	F+L+W	CKT TAG	
1	A16	6' BMD		1.20	0.4		1.56		
	1	1						1 ,	. 1
								A16)
							1.56	A16)
Casa	SYS NO	DESCRIP	TION	FANC	ITC	WRMS		CKT TAG)
	SYS NO	1	TION	FANS	LTS 3.36	WRMS	F+L+W)
1	A16	12' OHPH	TION	2.40	3.36	WRMS	F+L+W 5.76)
1 2	A16 A18	12' OHPH 12' OHPH	TION	2.40	3.36	WRMS	F+L+W 5.76 5.76	CKT TAG	
1 2 3	A16 A18 A18	12' OHPH 12' OHPH 12' OHPH	TION	2.40 2.40 0.90	3.36 3.36 0.90	WRMS	F+L+W 5.76 5.76 1.80		
1 2	A16 A18	12' OHPH 12' OHPH	TION	2.40	3.36	WRMS	F+L+W 5.76 5.76	CKT TAG	
1 2 3	A16 A18 A18	12' OHPH 12' OHPH 12' OHPH	TION	2.40 2.40 0.90	3.36 3.36 0.90	WRMS	F+L+W 5.76 5.76 1.80	CKT TAG)
1 2 3	A16 A18 A18	12' OHPH 12' OHPH 12' OHPH	TION	2.40 2.40 0.90	3.36 3.36 0.90	WRMS	F+L+W 5.76 5.76 1.80 1.80	CKT TAG	,
1 2 3 4	A16 A18 A18	12' OHPH 12' OHPH 12' OHPH 8' OHPH		2.40 2.40 0.90	3.36 3.36 0.90	WRMS	F+L+W 5.76 5.76 1.80 1.80	CKT TAG	,
1 2 3 4	A16 A18 A18 A18	12' OHPH 12' OHPH 12' OHPH 8' OHPH		2.40 2.40 0.90 0.90	3.36 3.36 0.90 0.90		F+L+W 5.76 5.76 1.80 1.80	CKT TAG	,
1 2 3 4	A16 A18 A18 A18	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP		2.40 2.40 0.90 0.90	3.36 3.36 0.90 0.90		F+L+W 5.76 5.76 1.80 1.80 15.12 F+L+W 1.07	CKT TAG	,
1 2 3 4 Case#	A16 A18 A18 A18	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP		2.40 2.40 0.90 0.90	3.36 3.36 0.90 0.90		F+L+W 5.76 5.76 1.80 1.80 1.80 F+L+W	CKT TAG	,
1 2 3 4 Case#	A16 A18 A18 A18 SYS NO A19	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL	TION	2.40 2.40 0.90 0.90 FANS	3.36 3.36 0.90 0.90	WRMS	F+L+W 5.76 5.76 1.80 1.80 15.12 F+L+W 1.07	CKT TAG	
1 2 3 4 Case#	A16 A18 A18 A18 SYS NO A19	12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL	TION	2.40 2.40 0.90 0.90 FANS	3.36 3.36 0.90 0.90 LTS 0.4		F+L+W 5.76 5.76 1.80 1.80 1.12 F+L+W 1.07 1.07	CKT TAG CKT TAG A18	
1 2 3 4 Case#	A16 A18 A18 A18 SYS NO A19	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL	TION	2.40 2.40 0.90 0.90 FANS	3.36 3.36 0.90 0.90	WRMS	F+L+W 5.76 5.76 1.80 1.80 15.12 F+L+W 1.07	CKT TAG CKT TAG CKT TAG CKT TAG	
1 2 3 4 Case#	A16 A18 A18 A18 SYS NO A19	12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL	TION	2.40 2.40 0.90 0.90 FANS	3.36 3.36 0.90 0.90 LTS 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.12 F+L+W 1.07 1.07	CKT TAG CKT TAG A18	
1 2 3 4 Case#	A16 A18 A18 A18 SYS NO A19	12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL	TION	2.40 2.40 0.90 0.90 FANS	3.36 3.36 0.90 0.90 LTS 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.5.12 F+L+W 1.07 1.07	CKT TAG CKT TAG CKT TAG CKT TAG	
1 2 3 4 4 Case# 1	A16 A18 A18 A18 SYS NO A19	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM-1	TION	2.40 2.40 0.90 0.90 FANS	3.36 3.36 0.90 0.90 LTS 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.5.12 F+L+W 1.07 1.07	CKT TAG CKT TAG CKT TAG CKT TAG	
1 2 3 4 4 Case# 1	A16 A18 A18 A18 SYS NO A19 SYS NO A20	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM-1	TION	2.40 2.40 0.90 0.90 FANS 0.70	3.36 3.36 0.90 0.90 LTS 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.5.12 F+L+W 1.07 1.07 1.07	CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG	
1 2 3 4 4 Case# 1 Case#	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM-1	TION TION TION TION RG	2.40 2.40 0.90 0.90 FANS 0.70	3.36 3.36 0.90 0.90 LTS 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.12 F+L+W 1.07 F+L+W 1.07 F+L+W 1.07	CKT TAG CKT TAG CKT TAG CKT TAG A19 CKT TAG A20	
1 2 3 4 4 Case# 1 Case# 1	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—I	TION TION TION TION RG	2.40 0.90 0.90 FANS 0.70 FANS 0.70	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.1.07 F+L+W 1.07 1.07 F+L+W 1.07	CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG	
1 2 3 4 4 Case# 1 Case# 1 2	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—I DESCRIP 8' 05DM—I 8' 05DM—NI 8' 05DM—NI	TION TION TION RG RG	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 1.07	CKT TAG CKT TAG CKT TAG A19 CKT TAG CKT TAG A20 CKT TAG	
1 2 3 4 Case# 1 Case# 1 2 Case# Case#	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 SYS NO	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—I 8' O5DM—NI 8' O5DM—NI 8' O5DM—NI	TION NRG TION RG RG	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 FANS	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 LTS 0.4 LTS	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07	CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG	
1 2 3 4 Case# 1 1 Case# 1 2 Case# 1 2	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 8' O5DM—N 8' O5DM—N	TION NRG TION RG RG TION	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 FANS 0.70 0.70	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 LTS 0.4 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07	CKT TAG	
1 2 3 4 4 Case# 1 1 Case# 1 2 Case# 2 Case#	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 SYS NO	12' OHPH 12' OHPH 12' OHPH 8' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—I 8' O5DM—NI 8' O5DM—NI 8' O5DM—NI	TION NRG TION RG RG TION	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 FANS	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 LTS 0.4 LTS	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07	CKT TAG CKT TAG CKT TAG A19 CKT TAG CKT TAG A20 CKT TAG	
1 2 3 4 4 Case# 1 1 2 Case# 1 2 Case# 1	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 8' O5DM—N 8' O5DM—N	TION NRG TION RG RG TION	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 FANS 0.70 0.70	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 LTS 0.4 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07	CKT TAG	
1 2 3 4 4 Case# 1 1 2 Case# 1 2 Case# 1 2	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 12' O5DM—N 12' O5DM—N	TION TION TION RG RG TION RG NRG	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 FANS 0.70 0.70	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 LTS 0.4 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07	CKT TAG	
1 2 3 4 4 Case# 1 1 2 Case# 1 2 Case# 1 2	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 8' OWDRL DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 12' O5DM—N 12' O5DM—N	TION TION RG RG RG VRG TION	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 FANS 0.70 0.70	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 0.4 0.4	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.5.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07 1.07	CKT TAG	
1 2 3 4 4 Case# 1 2 Case# 1 2 Case# 2 Case# 1	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 12' O5DM—N B' O5DM—N B' O5DM—N 12' O5DM—N DESCRIP	TION TION RG RG NRG TION RG NRG	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 FANS 0.70 FANS	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 LTS 0.4 0.4 LTS	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07	CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG A20 CKT TAG A21	
1 2 3 4 4 Case# 1 2 Case# 1 2 Case# 1 2 Case# 1 1 2 Case# 1 1 Case# 1	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 SYS NO A23	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 12' O5DM—I DESCRIP 8' O5DM—NI 8' O5DM—NI 12' O5DM—NI	TION TION RG RG NRG TION RG NRG	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 LTS	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 F+L+W 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07	CKT TAG	
1 2 3 4 4 Case# 1 2 Case# 1 2 Case# 1 2	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 8' OSDM—N 8' OSDM—N 8' OSDM—N 12' OSDM—N 12' OSDM—N 12' OSDM—N 12' OSDM—N 12' OSDM—N 8' OSUM—N 8' OSUM—N 12' OSDM—N	TION TION TION RG RG TION RG RG RG RG	2.40 2.40 0.90 0.90 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 0.4	WRMS WRMS WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07	CKT TAG A21 CKT TAG A22	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1 2 3 4 4	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO A23 A23 A23	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 12'	TION TION TION RG RG NRG TION RG RG TION RG RG TION	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS	3.36 3.36 0.90 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 LTS 0.2 0.2 LTS	WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 1.07 1.07	CKT TAG	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
1 2 3 4 4 Case# 1 2 Case# 1 2 Case# 1 2	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 8' OSDM—N 8' OSDM—N 8' OSDM—N 12' OSDM—N 12' OSDM—N 12' OSDM—N 12' OSDM—N 12' OSDM—N 8' OSUM—N 8' OSUM—N 12' OSDM—N	TION TION TION RG RG NRG TION RG RG TION RG RG TION	2.40 2.40 0.90 0.90 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS	3.36 3.36 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 0.4	WRMS WRMS WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07	CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG A20 CKT TAG A21 CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
2 3 4 4	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO A23 A23 A23	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 12'	TION TION TION RG RG NRG TION RG RG TION RG RG TION	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS	3.36 3.36 0.90 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 LTS 0.2 0.2 LTS	WRMS WRMS WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 2.14 F+L+W 0.52 0.52 1.04 F+L+W	CKT TAG A21 CKT TAG A22	, — — — — — — — — — — — — — — — — — — —
1 2 3 4 4 Case# 1 2 Case#	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO A23 A23 A23	12' OHPH 12' OHPH 12' OHPH 8' OHPH B' OHPH DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 12'	TION TION TION RG RG NRG TION RG RG TION RG RG TION	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS	3.36 3.36 0.90 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 LTS 0.2 0.2 LTS	WRMS WRMS WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 1.07 1.07	CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG A20 CKT TAG A21 CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG	, — — — — — — — — — — — — — — — — — — —
1 2 3 4 4	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO A23 A23 SYS NO A24	12' OHPH 12' OHPH 12' OHPH 8' OHPH 8' OHPH DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 8' O5DM—N 12' O5DM—N	TION TION TION RG RG TION RG RG TION RG NRG TION RG NRG	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS 0.47	3.36 3.36 0.90 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 0.4 LTS 0.3	WRMS WRMS WRMS WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 1.07 2.14 F+L+W 0.52 0.52 1.04 F+L+W 0.72	CKT TAG A21 CKT TAG A22 CKT TAG A24	
1 2 3 4 4	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO A23 A23 A23 SYS NO A24 SYS NO	12' OHPH 12' OHPH 12' OHPH 8' OHPH 8' OHPH DESCRIP 12' O5DM—I DESCRIP 8' O5DM—NI 8' O5DM—NI 12' O5DM—NI	TION TION TION RG RG TION RG RG TION RG NRG TION RG RG TION RG TION RG RG TION	2.40 2.40 0.90 0.90 0.90 FANS 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS 0.47 FANS	3.36 3.36 0.90 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 LTS 0.2 0.2 LTS 0.3	WRMS WRMS WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 2.14 F+L+W 0.52 0.52 1.04 F+L+W 0.72 F+L+W 0.72	CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG A20 CKT TAG A21 CKT TAG CKT TAG CKT TAG CKT TAG CKT TAG	
1 2 3 4 4	A16 A18 A18 A18 SYS NO A19 SYS NO A20 SYS NO A21 A21 A21 SYS NO A22 A22 A22 SYS NO A23 A23 SYS NO A24	12' OHPH 12' OHPH 12' OHPH 8' OHPH 8' OHPH DESCRIP 12' O5DM—N 8' O5DM—N 8' O5DM—N 8' O5DM—N 12' O5DM—N	TION TION TION RG RG TION RG RG TION RG NRG TION RG RG TION RG RG	2.40 2.40 0.90 0.90 FANS 0.70 FANS 0.70 0.70 FANS 0.70 0.70 FANS 0.47	3.36 3.36 0.90 0.90 0.90 LTS 0.4 LTS 0.4 0.4 LTS 0.4 0.4 0.4 LTS 0.3	WRMS WRMS WRMS WRMS	F+L+W 5.76 5.76 1.80 1.80 1.80 15.12 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 F+L+W 1.07 1.07 1.07 1.07 2.14 F+L+W 0.52 0.52 1.04 F+L+W 0.72	CKT TAG A21 CKT TAG A22 CKT TAG A24	

			F	L	W	120/1/60 (FROM PANELBOARDS)	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A26	10' ONUM-NRG	0.48	0.4		0.85	/
							A26
						0.85	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A27	12' ONRBH	0.66	0.8	0.68	2.17	
2	A27	12' ONRBH	0.66	0.8	0.68	2.17	A27
				-		4.34	-
							L OVE TA
Case#	SYS NO A31	DESCRIPTION 12' OHM-NRG	1.40	0.4	WRMS	F+L+W 1.77	CKT TA
2	A31	12' OHM-NRG	1.40	0.4		1.77	
3	A31	12' OHM-NRG	1.40	0.4		1.77	A31
<u> </u>						5.31	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A32	8' O3UM-NRG	0.32	0.2		0.52	A32
						0.52	\
	6V6 N0	DECORIDE ON	FANC	1.70	WDVC	F. L. W	CKT TA
Case#	SYS NO A33	DESCRIPTION 12' OHM-NRG	1.40	0.4	WRMS	F+L+W 1.77	
2	A33	12' OHM-NRG	1.40	0.4		1.77	/ ^22
3	A33	8' OHM-NRG	1.40	0.4		1.77	A33
<u> </u>				<u> </u>		5.31	L `
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A34	6' 03.5UM-NRG	0.66	0.8	0.68	2.17	
3	A34 A34	12' 03.5UM-NRG 12' 03.5UM-NRG	0.66	0.8	0.68	2.17	A34
4	A34	6' 03.5UM-NRG	0.44	0.6	0.43	1.43	
						7.20	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A35	8' ON5DM-NRG	1.20	0.4		1.56	
	· · · · · · · · · · · · · · · · · · ·		•	-			A35
						1.56	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A36	12' SGM-30	0.70	0.4		1.07	/
3	A36	12' SGM-30 8' SGM-30	0.47	0.3		0.72	A 36
						2.51	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A38	18' SBI	0.66	0.5	0.55	1.67	
		VERIFY WITH OEM					A38
			.			1.67	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A42	8' O3UM-NRG	0.32	0.2		0.52	A42
						0.52	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
Case#	SYS NO A43	8' PTD	1.40	0.4	CMNY	1.77	
2	A43	8' PTD	1.40	0.4		1.77	A43
3	A43	8' PTD	1.40	0.4		1.77	- \
<u> </u>						5.31	<u> </u>
	SYS NO		FANS	LTS	WRMS	F+L+W	CKT TA
1	A44	8' 02.5UM-NRG	0.32	0.2		0.52	A44
						0.52	
Cass#	SAS NO	DESCRIPTION	FANS	l Te	WRMS	F±1±W	CKT TA
	SYS NO A45	DESCRIPTION 12' O2.5UM-NRG	0.32	0.2	WWW	F+L+W 0.52	
				_			A45
						0.52	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A46	12' SBI	0.66	0.5		1.12	
		VERIFY WITH OEM				1.12	_ \ A46
<u>_</u>							1
	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
2	A47 A47	12' ON5DM-NRG 8' ON5DM-NRG	0.70	0.4		1.07 0.87	A47
	- -					1.94	
Case#	SYS NO	DESCRIPTION	FANS	LTS	WRMS	F+L+W	CKT TA
1	A49	8' O5DMH-NRG	0.47	0.4		0.84	
							A49
		_					

	ITEM	DESCRIPTION	VOLTS	PHASE	HP	WATTS	FLA OR	MCA	MOCP		JTLET LOGATION	
	111	DRAIN LINE HEATER	120	1			RLA 3			TYPE J-BOX	LOCATION	NOTES ONE PER COIL (TYP.) IN BOXES AT OR BELOW 32°F
,	112	FREEZER DOOR SWITCH	120	1						J-BOX		ONE PER DOOR (TYP.) MAY BE A LOW VOLTAGE, DRY CONTACT VERSION. REFER TO WIRING DIAGRAM.
	113	HEATED AIR VENT	120	1		200				J-BOX	AT FREEZER	ONE PER DOOR (TYP.)
-	114	HEATER CABLE 4 SIDES OF FREEZER DOORS	120	1			9.8			J-BOX	AT FREEZER	ONE PER DOOR (TYP.)
	115	CONVENIENCE OUTLET	120	1					20	J-BOX		
	120	DAIRY COOLER - 20 RI DOORS	120	1			10.0			J-BOX		DATA APPROXIMATION ONLY. REFER TO E-SHEETS AND DOOR SPEC SHEET
	121	DAIRY COOLER - 20 RI DOORS	120	1			13.4			J-BOX		DATA APPROXIMATION ONLY. REFER TO E-SHEETS AND DOOR SPEC SHEET
1	124	<u>LIGHTS</u> FLORAL COOLER - 6 RI DOORS	120	1			3.0			J-BOX		DATA APPROXIMATION ONLY. REFER TO E-SHEETS AND DOOR SPEC SHEET
	125	HEATERS FLORAL COOLER - 6 RI DOORS	120	1			4.0			J-BOX		DATA APPROXIMATION ONLY. REFER TO E-SHEETS AND DOOR SPEC SHEET
$\frac{1}{2}$	126	LIGHTS SYSTEM A1 - BAKERY FREEZER	120/208	1				46.0	60		ABOVE FREEZER	REFER TO MANUFACTURER'S WIRING DIAGRAM
1	127	SYSTEM A3 - FREEZER	120/208	1				39.3	50		ABOVE FREEZER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	128	SYSTEM A4 - MEAT FREEZER	120/208	1				28.0	40		ABOVE FREEZER	REFER TO MANUFACTURER'S WIRING DIAGRAM
-	129	SYSTEM A7 - SEAFOOD FREEZER	120/208	1				28.0	40		ABOVE FREEZER	REFER TO MANUFACTURER'S WIRING DIAGRAM
+	130	SYSTEM A8 - KITCHEN FREEZER	120/208	1				22.0	40		ABOVE FREEZER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	131	CASE CONTROLLER PANEL SYSTEM A10 - PIZZA COOLER CASE CONTROLLER PANEL	120	1				8.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
-	132	SYSTEM A11- FLORAL COOLER	120	1	1 1 1 1 1 1			5.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	133	SYSTEM A12 - BAKERY COOLER	120	1				9.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	134	SYSTEM A13- PRODUCE COOLER	120	1				20.0	30		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	135	SYSTEM A28 - DAIRY COOLER	120	1				19.0	30		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	136	CASE CONTROLLER PANEL SYSTEM A29 - MEAT COOLER CASE CONTROLLER PANEL	120	1				20.0	30		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	137	SYSTEM A30 - MEAT PREP	120	1				13.0	20		ABOVE PREP	REFER TO MANUFACTURER'S WIRING DIAGRAM
	138	CASE CONTROLLER PANEL SYSTEM A37 - DELI COOLER CASE CONTROLLER PANEL	120	1				8.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	139	SYSTEM A39- SEAFOOD COOLER	120	1				9.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	140	SYSTEM A40 - CHEESE COOLER	120	1				8.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	141	CASE CONTROLLER PANEL SYSTEM A41 - KITCHEN COOLER CASE CONTROLLER PANEL	120	1				11.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	142	SYSTEM A48 - E COMMERCE COOLER	120	1				8.0	20		ABOVE COOLER	REFER TO MANUFACTURER'S WIRING DIAGRAM
	143	CASE CONTROLLER PANEL NOT USED										
	144	NOT USED										
	145	NOT USED										
	146	NOT USED			<u> </u>							
	200	BAC GAS COOLER TSCD-CO2-297-18.2	460	3				23.3	30			
	201	NOT USED										
	202	NOT USED										
	203	NOT USED										
	300	RACK A - COMPRESSOR RACK	460	3			 	330	400	 		
-	301	COMPRESSOR RACK SECONDARY	208	1				12	15			
	302	COMPRESSOR RACK CONTROL	120	1				8	10			

WIRING NOTES

- 1. ALL LINE VOLTAGE TO THE DFC PANEL BY THE ELECTRICAL
- 2. ALL WIRING/CONDUIT FROM DFC TO EVAPORATOR BY THE REFRIGERATION CONTRACTOR.
- 3. REFRIGERATION CONTRACTOR RESPONSIBLE FOR FINAL TERMINATIONS ON WALK-IN BOX EVAPORATORS.
- 4. ELECTRICAL CONTRACTOR RESPONSIBLE FOR FINAL TERMINATIONS ON REFRIGERATED DISPLAY CASES.
- 5. ALL WIRING TO THE DFC TO BE IN CONDUIT OR MEET LOCAL CODE, ALL CONDUIT SUPPLIED AND INSTALLED BE THE E.C.

- CONTROL PANELS ARE INTERNALLY PRE—WIRED, FURNISHED AS PART OF CONDENSING UNITS. ALL BREAKERS ARE RATED AT 10,000 AMPS. I.C. REFER TO WIRING DIAGRAMS.
- 1-PT. ELECTRICAL CONNECTION IS AVAILABLE FOR 208/230 VOLTS ONLY. 2-PT. ELECTRICAL CONNECTIONS ARE REQUIRED WHEN 460V IS USED FOR COMPRESSOR AND 208Y/230V IS USED FOR DEFROST. REFER TO WIRING DIAGRAMS.

NOTES: (ALL NOTES MAY NOT APPLY TO THIS PROJECT.)

- FAN MOTORS AND CONSTANT ON WARMERS IN CASES MUST OPERATE CONTINUOUSLY. DO NOT CONNECT ANY OTHER LOAD ON SAME CIRCUIT. PANEL FOR THESE ITEMS FURNISHED AND INSTALLED BY ELECTRICAL
- CYCLING WARMERS ARE CONNECTED TO A CONTACTOR CONTROLLED BY HUMIDISTAT OR EQUAL. PANEL, CONTACTOR AND HUMIDISTAT FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- LIGHTS MUST BE ON A SEPARATE CIRCUIT FROM FANS AND WARMERS. PANEL FOR THESE ITEMS FURNISHED AND INSTALLED BY ELECTRICAL
- MAXIMUM OVERCURRENT PROTECTION FOR 120V CASE FAN CIRCUIT IS 20 AMP.

AND INSTALL WIRING FOR CASE TO CASE HOOK-UP.

DEFROST HEATERS, FAN MOTORS, WARMERS AND CASE LIGHT

CONNECTIONS ON HILL PHOENIX CASES TO BE MADE AT FRONT

LEFT-HAND END OF CASE. ELECTRICAL CONTRACTOR TO FURNISH

- ALL CONDUIT, WIRING, OUTLETS, CONTROL PANEL (OTHER THAN THOSE FURNISHED BY OWNER OR REFRIGERATION CONTRACTOR), ETC. ARE TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO CONNECT ALL EQUIPMENT FURNISHED DEFROST HEATERS IN CASES AND/OR COILS TO BE WIRED DIRECT BY
- ELECTRICAL CONTRACTOR FROM CASES AND/OR COILS TO DEFROST CONTROL PANEL LOCATED AT OR NEAR CONDENSING UNIT. ELECTRICAL CONTRACTOR TO CONNECT LIGHTS FOR SUPERSTRUCTURE WHEN ASSEMBLED IN THE FIELD.
- ELECTRICAL CONTRACTOR TO RUN CONDUIT FULL LENGTH OF PRODUCE CASES, MAKING CONNECTION AT "J" BOX ON LEFT HAND END OF EACH
- CASE FOR FANS AND LIGHTS. SOLENOID VALVES, DEFROST TERMINATION CONTROLS, ETC. FURNISHED AND INSTALLED BY REFRIGERATION CONTRACTOR, WIRED BY ELECTRICAL
- THERMOSTAT FURNISHED BY REFRIGERATION CONTRACTOR, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL DISCONNECT SWITCHES, DOOR LIMIT SWITCHES, AND KEY OPERATED SWITCHES. REFER TO WIRING DIAGRAM.

CONTRACTOR.

(2) WIRES REQUIRED FROM EACH CONTROL PANEL WITH ALARM CIRCUIT. INTERCONNECT ALL ALARM CIRCUITS AND CONNECT TO ALARM PANEL.

- 17 ELECTRICAL CONTRACTOR TO WIRE CONTROL WIRES FROM CASES AND/OR COILS TO DEFROST CONTROL PANEL LOCATED AT OR NEAR CONDENSING UNIT. REFER TO WIRING DIAGRAM.
- ALARM PANEL IS INTERNALLY PRE-WIRED, FURNISHED BY OWNER OR REFRIGERATION CONTRACTOR, INSTALLED AND CONNECTED ON WALL BY ELECTRICAL CONTRACTOR. SEE PLAN FOR LOCATION. REFER TO WIRING DIAGRAM.

ELECTRICAL CONTRACTOR TO WIRE AND CONNECT LIGHT

- AND FAN MOTOR IN EGG INSERT.
- THESE LIGHTS. ELECTRICAL CONTRACTOR TO FURNISH, INSTALL AND CONNECT
- LIGHT FIXTURES. ELECTRICAL CONTRACTOR TO FURNISH, INSTALL AND CONNECT DUPLEX PLUG-IN OUTLETS IN BASE OF GONDOLAS FROM DUPLEX PLUG—IN OUTLETS IN BASE OF GONDOLAS FROM "J" BOX SHOWN.
- ELECTRICAL CONTRACTOR TO PROVIDE FUSED DISCONNECT AND STARTER WITH OVERLOADS FOR STANDARD "NEMA" MOTOR. REFER TO WIRING DIAGRAM FOR CONTROL REQUIREMENTS.

- LEGEND:
- SYSTEM NUMBER OR UNIT NUMBER.
- (SHEET R4.0) AND ON MECHANICAL EQUIPMENT ROOM PLAN UNLESS NOTED OTHERWISE. NOTE NUMBER AS LISTED ON THIS SHEET.

GENERAL REQUIREMENTS:

- . ELECTRICAL CONTRACTOR TO DO ALL WIRING AND CONNECTIONS INCLUDING CONDUITS, OUTLETS, BOXES IN ACCORDANCE WITH CODE REQUIREMENTS.
- 2. ELECTRICAL CONTRACTOR TO VERIFY VOLTAGE, PHASE AND AMPERAGE REQUIREMENTS WITH CUSTOMER AND/OR SUPPLIER.
- 3. IF VOLTAGE IS OTHER THAN 208V, USE THE FOLLOWING MULTIPLIERS TO GET AMPERAGE LOAD FOR DEFROST HEATER 1.06 FOR 220V, 1.1 FOR 230V, 1.15 FOR 240V. 4. NO ALUMINUM WIRE TO BE CONNECTED TO HILL PHOENIX FURNISHED EQUIPMENT.

NOTE TO CONTRACTORS: IT IS THE RESPONSIBILITY OF EACH CONTRACTOR TO OBTAIN AND USE THE LATEST PLANS. ARCTIC <u>COOLNG SYSTEMS</u> WILL NOT BE RESPONSIBLE FOR ANY CONSTRUCTION WORK PERFORMED WITH OBSOLETE PLANS.

