

AIR SEPARATOR SCHEDULE									
TAG	LOCATION	SERVED	GPM	SIZE (IN)	DIA. (IN)	LN. (IN)	STRAINER SQ. IN. FA	TYPICAL UNIT MFG AND MODEL NO.	NOTES:
AS-1	MECH ROOM 708	FHW	470	5"	16	36	N/A	B&G TYPE R	①
AS-2	MECH ROOM 708	CHW	655	6"	18	42	N/A	B&G TYPE R	①

NOTES: ① EXISTING TO REMAIN.

REGISTER, DIFFUSER & GRILLE SCHEDULE							
TAG	CFM	NECK SIZE	TYPE	ΔP	MAX NG	TYPICAL UNIT MFG & MODEL NO.	NOTES
S-1	175	12x6	.	0.05	16	K-880H W/OBD	
S-2	600	18x18	.	0.08	22	K-SH4 ROUND NECK	
S-3	100	8x6	.	0.05	14	K-880H W/OBD	
S-4	125	10x6	.	0.04	12	K-880H W/OBD	
S-5	200	12x12	.	0.06	16	K-SH4 ROUND NECK	
S-6	250	18x6	.	0.03	11	K-880H W/OBD	
S-7	350	18x8	.	0.03	10	K-880H W/OBD	
S-8	100	6x6	.	0.09	16	K-SH(CORNER) SHD2	
S-9	150	10x6	.	0.05	14	K-880H W/OBD	
S-10	500	18x18	.	0.06	17	K-SH4 ROUND NECK	
S-11	300	20x6	.	0.05	12	K-880H W/OBD	
S-12	200	16x6	.	0.03	10	K-880H W/OBD	
S-13	250	8"	4 WAY	0.04	18	KREUGER 1400 24x24	
S-14	500	12"	4 WAY	0.07	26	KREUGER 1400 24x24	
R-1	800	24x12	.	0.03	11	EGC-10	
R-2	200	12x6	.	0.04	11	EGC-10	
R-3	250	12x8	.	0.03	<20	KREUGER EGC-5	
R-4	2250	42x20	.	0.08	33	TITUS 23-RL	
R-5	2500	30x16	.	0.10	32	EGC-10	
R-6	350	12x12	.	0.03	10	EGC-10	
R-7	1200	24x24	.	0.02	10	EGC-10	

NOTES: ①

FIN TUBE SCHEDULE														
TAG	BTU/FT.	GPM	TUBE SIZE	FIN STYLE	FINS/FT.	EWT	LWT	EAT	ENCLOSURE			ELEMENT LENGTH	TYPICAL UNIT MANUF. & MODEL NO.	NOTES:
									H	D	MOUNT H			
FT-1	740	3.0	1"	4-1/4"	32	180	160	65	6.75	6.06	10.75	10 FT	STERLING VB-PM-C143	
FT-2	740	3.0	1"	4-1/4"	32	180	160	65	6.75	6.06	10.75	10 FT	STERLING VB-PM-C143	
FT-3	740	3.0	1"	4-1/4"	32	180	160	65	6.75	6.06	10.75	10 FT	STERLING VB-PM-C143	
FT-4	740	3.0	1"	4-1/4"	32	180	160	65	6.75	6.06	10.75	10 FT	STERLING VB-PM-C143	
FT-5	740	3.0	1"	4-1/4"	32	180	160	65	6.75	6.06	10.75	5 FT	STERLING VB-PM-C143	
FT-6	740	3.0	1"	4-1/4"	32	180	160	65	6.75	6.06	10.75	10 FT	STERLING VB-PM-C143	
FT-7	740	3.0	1"	4-1/4"	32	180	160	65	6.75	6.06	10.75	5 FT	STERLING VB-PM-C143	

NOTES:

CHILLER SCHEDULE - AIR COOLED														
TAG	NOM TON	GPM	% PROP GLYCOL	EWT 'F	LWT 'F	WPD FT-WC	FOUL FACTOR	ELECTRICAL DATA KW	VOLTS/Φ	KW/TON	EER	IPLV	TYP. UNIT MANUF. & MODEL NO.	NOTES:
ACCH-1	160	400	47.5	56	44	20	.0001	175.1	460/3	1.1	9.5	10.9	YORK YCAJ16046	①
ACCH-2	20	37	47.5	46	34	5.2	.0001	22	460/3	1.62	7.37	-	YORK YCAL0020SC46	①
ACCH-3	80	200	47.5	56	44	15.7	.0001	91.1	460/3	1.26	9.6	-	TRANE RTAA080	
ACCH-4	20	41	47.5	46	34	13.7	.0001	20.4	460/3	1.49	8.1	-	TRANE CGAFC204	②

NOTES: ① EXISTING TO REMAIN ② CHILLER TO BE ADDED AS ADD ALT. #4.

BOILER SCHEDULE - HOT WATER													
TAG	FUEL	BOILER HP	INPUT MBH	OIL GPH	GROSS L.B.R. RATING MBH	NET L.B.R. RATING MBH	ELECTRICAL DATA HP		VOLTS/Φ	FLUE SIZE	OPERATING WT. LBS.	TYPICAL UNIT MFG AND MODEL NO.	NOTES:
B-1	NG	-	1000	N/A	-	880	-	120/1	10"	763	LOCHINVAR PBN 1000	①	
B-2	NG	-	1000	N/A	-	880	-	120/1	10"	763	LOCHINVAR PBN 1000	①	
B-3	NG	-	1000	N/A	-	880	-	120/1	10"	763	LOCHINVAR PBN 1000	①	
B-4	NG	-	1000	N/A	-	880	-	120/1	10"	763	LOCHINVAR PBN 1000	②	

NOTES: ① EXISTING BOILER TO REMAIN ② BOILER TO BE ADDED AS ADD ALTERNATE #4

HUMIDIFIER SCHEDULE												
TAG	SERVICE	OUTPUT PPH	INPUT PSIG	DUCT DIMENSIONS W(IN.) H(IN.)		CFM	ABSORPTION DIST. (#)	TUBE O.D.	MAX VEL FPM	TYPICAL UNIT MFG & MODEL NO.	NOTES:	
HU-5	AHU-5	50	-	42	30	168	8500	CSD-42 CSD-30	1-3/4"	-	NORTEC NHMC-50	①②⑤
HU-6	AHU-6	50	-	45	32	168	8590	CSD-45 CSD-32	1-3/4"	-	NORTEC NHMC-50	①②⑤⑥
HU-6A	AHU-6A	34	-	30	248	6500	CSD-30	1-3/4"	-	NORTEC NHMC-30	①②④⑤	
HU-6B	AHU-6B	20	-	30	168	3200	BSD-30	7/8"	-	NORTEC NHMC-20	①④⑤	
HU-7	AHU-7	100	-	30	30	10000	CSD-30	1-3/4"	-	NORTEC NHMC-100	①⑤	

NOTES: ① UNIT TO BE 480V/3PH/60HZ ② TWO DISTRIBUTORS REQ'D. ③ UNITS ARE 120V/1PH/60HZ
④ PART OF ADD ALT. #4. ⑤ PROVIDE MAKE-UP WATER & DRAIN QUENCHING AT EACH UNIT. (RE: A7/PL601).
⑥ THIS UNIT WILL BE REPLACED BY HU-6A & HU-6B, IF ALT. #4 IS ACCEPTED.

EXPANSION TANK SCHEDULE									
TAG	LOCATION	SERVED	ACCEPT GAL.	DIA. (IN.)	HEIGHT (IN.)	WEIGHT FULL (LBS.)	PRE-CHARGE PSIG	TYPICAL UNIT MFG & MODEL NO.	NOTES
ET-1	MECH ROOM 708	FHW	43	20	61	940	15	TACO CAX-300	①
ET-2	MECH ROOM 708	CHW	11.3	16	29	295	15	B&G D040	②
ET-3	ACCH-2	CHW	5	14	25.5	132	40	TACO CAX-30	②
ET-4	ACCH-4	CHW	5	14	25.5	132	40	TACO CAX-30	③

NOTES: ① EXISTING B&G 080 TO BE REPLACED - MOUNT ON FLOOR ② EXISTING TO REMAIN ③ PART OF ADD ALT. #4.

NOTE:
1. SEE M-001 FOR LEGEND AND ABBREVIATIONS.

0	ISSUED FOR CONSTRUCTION	3-17-03
REV.	DESCRIPTION	DATE

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CURRENT ISSUE STATUS:		

SMRT ARCHITECTURE ENGINEERING PLANNING
144 Fore Street, P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070

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PROJECT: **SCHEDULES**

SHEET TITLE:	SCALE: NOT TO SCALE	DATE: 3-17-03
PROJECT MANAGER: SLB	GRAPHIC SCALE: 0" 1"	
JOB CAP/DRAWN: CTB/LAC		
A/E OF RECORD: DBR	SHEET No.	
SMRT CAD FILE: M-602-99092		
PROJECT No. 99092		M-602