RK CATION		AHU-1 LEVEL 5	AHU-2 LEVEL 5	AHU-3 LEVEL 5	AHU-4 LEVEL 5	AHU-5 LEVEL 5	AHU-6 FUT. LVL 8	AHU-7 FUT. LVL 8	AHU-8 LEVEL 1	AHU-9 LEVEL 5	AHU-10 NOT USED	AHU-11 LEVEL 1	AHU-12 LEVEL 1	REF-1 LEVEL 5	REF-4 LEVEL 5	REF-6 FUT. LVL 8	REF-7 FUT. LVL 8	EF-2 LEVEL 5	EF-3 LEVEL 5
VES		LEVEL 1	LEVELS 2, 3	LEVELS 2, 3	LEVEL 4	CHILLER RM	FUT. LVL 6	FUT. LVL 7	TRANS VAULT	ELEC 5007		TX RM 1093	TX RM 1094	LEVEL 1	LEVEL 4	FUT. LVL 6	FUT. LVL 7	LEVELS 2, 3	LEVELS 2, 3
SUPPLY FAN	TYPE AIR FLOW: CFM	PLENUM 16,500	PLENUM 32,000	PLENUM 43,000	PLENUM 40,000	CENTRIFUGAL 2000 [10]			- .	3,000		CENTRIFUGAL 10,000	CENTRIFUGAL 5,000	_				<u> </u>	
	NUMBER OF FANS	1	2	2	2	1				1		2	1					*****	
	CFM PER FAN TSP: IN WG	16,500 6.4	16,000	21,500 7.0	20,000	2,000				3,000 2.00		5,000	5,000						
	WHEEL DIA: IN, EACH	30	30	33	30			-	_	NA NA		12	NA NA						
	RPM, EACH BHP, EACH	1,588 23.29	1,608 24.07	1,586 33.34	1,723 29.01	1,800				1,246 2.02		1,272			<u>-</u>		<u> </u>		
	HP, EACH	30	30	40	40	2	_			3		5	5	_		<u> </u>			_
	MOTOR RPM	1,750	1,750	1,750	1,750	1750		_		1750		1750 TWO	1750	_	_				_
	FAN CLASS VOLTAGE/PHASE	TWO 460/3	TWO 460/3	TWO 460/3	TWO 460/3	ONE 460/3				ONE 460/3		460/3	ONE 460/3				<u>-</u> -		
	MIN. OUTSIDE AIR: CFM	5000	100%	100%	12500	100%	_					0	O O						
	ISOLATION VFD	INTERNAL YES	INTERNAL YES	INTERNAL YES	INTERNAL YES	INTERNAL YES [10]				INTERNAL YES		INTERNAL YES	INTERNAL YES				<u> </u>	-	
AUST AND	TYPE		<u> </u>											PLENUM	PLENUM		_	PLENUM	PLENUM
RETURN FANS	AIR FLOW: CFM NUMBER OF FANS													13,000	34,000			31,000	35,500
	CFM PER FAN		-		-	_	_	_	-	_		<u> </u>	_	13,000	17,000	<u> </u>	_	15,500	17,750
	TSP: IN WG			-		_			_	_		_		2.8	2.9	_	_	4.3	4.3
	WHEEL DIA: IN, EACH RPM, EACH		<u>-</u>	- \						<u> </u>				33 1,065	1,067			30 1,572	30 1,589
	BHP, EACH			_								_		8.24	10.94	-	_	15.63	18.04
	HP, EACH MOTOR RPM					<u> </u>			<u> </u>				_	15 1,150	15 1,150			20 1,750	25 1,750
	FAN CLASS	-					_	-					_	TWO	TWO	_		TWO	TWO
	VOLTAGE/PHASE	_	_	_	_	_	_	_		_		_	-	460/3	460/3			460/3	460/3
	ISOLATION VFD	-				<u> </u>							<u> </u>	INTERNAL YES	INTERNAL YES		<u> </u>	INTERNAL YES	INTERNAL YES
ING COIL	TOTAL CLG: MBH	588	1631.5	2192	1425.6	102	_	_	_	76		362	125	_	_	_	_	_	_
	SENSIBLE CLG: MBH FACE VEL: FPM, MAX	477 450	1203.8 450	1627 465	1148 450	70.4 500		<u> </u>		67 480		293 500	116 500	<u> </u>					_
	SECTIONS, NUMBER	2	2	2	450	- 500				1		2	- 500	<u> </u>		_		-	
	ROWS	8	8	8	5	4			_	4		5	6	_	_	_	_ ′	_	_
	FINS/FT, MAX MAX AIR PD: IN WG	0.8	0.7	0.8	0.7	0.5				NA 0.56		0.74	0.7	<u> </u>					
	EDB: F	78	86	86	78	86	_		_	80		80	80	-	_	_			_
	EWB: F [7]	63.6 51.7	68 51.8	68 51.6	63.6 51.9	68 54			-	67 60		65 53	65 53	<u> </u>					
	LWB: F [/]	51.7	51.3	51.3	51.3	53.5				59		52.7	52.5					_	
	EWT: F	42	42	42	42	42	_	_	_	42		42	42		_		_	_	_
	LWT: F	58 75	58 205	58 275	58 180	58 15 [12]				58 10		55.2 55 [12]	58 25 [12]	<u></u>			<u> </u>		
	WATER PD: FT	5	10	9	10	7			_	1.9		12.3	6	-	_	_	_	_	_
EAT RECOVERY COIL			995	1,245			_		_						_			995	1,245
	FACE VEL: FPM, MAX SECTIONS, NUMBER	<u></u>	450	450	-		_						_	-				450 2	450
	ROWS		6	6	_			_	_			_	_				_	6	6
	FINS/FT, MAX AIR PD: IN WG		0.45	0.55			_							_				10 0.55	0.55
	EDB: F		19	19	_	_	_	_	_	_				_	_			75	75
	EWB: F		NA 17.7	NA A.F7		-		_				-			_	_	_	63	63
	LDB: F	<u> </u>	47.7 NA	45.7 NA		<u> </u>								-			<u> </u>	52.4 51.9	51.3
	FLUID:		20% PROP	20% PROP		_				_					_		_	20% PROP	20% PROP
	FLUID ENTERING: F FLUID LEAVING: F		55.2 43.5	54.5 40.6														43.5 55.2	40.6 54.5
	GPM		177	188	_	_	_	_	_	_		_	_				_	177	188
	WATER PD: FT		21	19	_	-	_		_	_		_	_	_	_		_	17	17
HEATING COIL	TOTAL HTG: MBH FACE VELOCITY: FPM	360 450	1,760 450	2,342 450	939 450	125 500	<u> </u>								<u> </u>			<u> </u>	
	SECTIONS, NUMBER	2	2	2	2	1	_	_	_						_				_
	ROWS FINS/FT, MAX	<u> </u>	2	2	1	1 10						<u>-</u>					<u> </u>		
	AIR PD: IN WG	0.1	0.1	0.1	0.1	0.1			_	_		_	_	_	_		_	_	_
	EDB: F	49.6	19	19	49.6	19				_		_	_		_	_	_		_
	LDB: F EWT: F	69.7 180	69.7 180	60 180	71 180	75 180	<u> </u>	<u> </u>				<u> </u>	<u> </u>	-				<u>-</u>	<u> </u>
	LWT: F	141	155	155	138	160	_	_	_	_		_	_		_		_		_
	GPM WATER PD: FT	19 1	146	196 6	46	13	<u> </u>	<u> </u>			-	<u>-</u>		<u></u>		<u> </u>			
REFILTERS	TYPE	PLEATED	PLEATED	PLEATED	PLEATED	PLEATED	_	_	_	PLEATED		PLEATED	PLEATED		_	_	_	PLEATED	PLEATED
	MERV	8	8	8	8	8				8		8	8	_				8	8 0.25
	CLEAN PD: IN. WG CHANGEOUT PD: IN WG	0.25	0.25	0.25 0.7	0.25	0.25		-		0.25 0.7		0.3	0.3					0.25 1.0	1.0
	MAX FACE VEL: FPM	450	450	450	450	450				300		500	450	-			_	450	450
FILTERS	MFR TYPE	FLANDERS PLEATED	FLANDERS PLEATED	FLANDERS PLEATED	FLANDERS PLEATED	FLANDERS -	_			FLANDERS -		FLANDERS –	FLANDERS -	_				FLANDERS -	FLANDERS –
TIRSTSTAGE	MERV	14	14	14	14	_	- .,	_	_	4888		_			_		_		_
	CLEAN PD: IN. WG	0.45	0.45	0.45	0.45	_	_	_	_	_			_		-		_		_
	CHANGEOUT PD: IN WG MAX FACE VEL: FPM	1.5 450	1.5 450	1.5 450	1.5 450		<u> </u>	<u> </u>					-						
	MFR	FLANDERS	FLANDERS	FLANDERS	FLANDERS	_	_		_	_		_		_	_	_			_
ID TRAPS	INLET LENGTH: IN.	<u> </u>	36 50	36 50	- 50	-	_		_	_		_		36 36	36	_	_	36 36	36 36
PER. WEIGHT	DISCHARGE LENGTH: IN. LBS	50	50	50	50	1,100			_	600		4100	2100	36	36			36	36
ASIS OF DESIGN	MANUFACTURER	HAAKON	HAAKON	HAAKON	HAAKON	AAON	_	-	_	TRANE		HAAKON	AAON	HAAKON	HAAKON	_	_	HAAKON	HÁAKON
	MODEL NOTES		<u> </u>	- [3 5 6 7 9]	<u> </u>	M2 [6]	 [13]	_ [13]		BCVC 090 [6,14]		<u>-</u> [6]	M2 [6]	 [6, 9]	<u> </u>		[13]	 [5, 6, 9]	
	INUILO	[1, 0, /, 9]	[∠, J, O, /, Y]	[0, 0, 0, /, 9]	LT, U, U, /, 9]	Γο]			[۱۷]	[0,14]		l [o]	LOT	[U, J]	[U, U, B]		[10]	[0, 0, 3]	

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6. ON EMERGENCY POWER.

4. INTERLOCK WITH REF-4 AND EF-4.

8. SEE SOUND ATTENUATOR SCHEDULE.

5. SUPPLY ONE VFD FOR EACH FAN WITHOUT BYPASS.

7. SUPPLY AIR TEMPERATURE OFF THE UNIT IS 55 DEG F.

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TACOMA, WASHINGTON

12. REFER TO FOUNDATION PACKAGE DWG MF0.01 FOR AHU-8 SCHEDULE.

13. UNIT NUMBER RESERVED FOR FUTURE USE.

14. INTERLOCK WITH REF-8.

Drawn By CDi 4034 Job No.

09-26-2008

NONE

SCHEDULES