* HW COILS SELECTION BASED ON EXCLUSION OF HEAT WHEEL PERFORMANCE

									AIR HA	ANDLING	G UNIT :	SCHEDU	JLE, CONT	INUEC)							
			SUF	PLY	TO ⁻	TAL ENERGY	WHEEL PERFC	RMANCE EXH	AUST				MINIMUM			EXH	AUST FA	N DATA			ELEC. DATA	STEAM TO STEAM HUMIDIFIER DATA 30% RH
UNIT NO.	MANUFACTURER	SUM EAT (DB/WB)	MER LAT (DB/WB)	WIN EAT (DB/WB)	ITER LAT (DB/WB)	PRESSURE DROP "WC	SUN EAT (DB/WB)	MMER LAT (DB/WB)		TER LAT (DB/WB)	PRESSURE DROP "WC	PURGE (CFM)	EFFECTIVENESS % TOTAL WINTER/SUMMER	FAN TYPE	E.S.P.	T.S.P.	RPM	SPEED CONTROL	BHP	МНР	VOLTS PH	TYPE MANUFACTURER MODEL & SIZE #/HR. STM. PRESS PSI
AHU-1	THERMOTECH	95/78	78/66	-5/-5	47/37	_	75/64	84/69	70/51	15/14	0.75	670	-			SEE	LAB EXHAL	ST FANS -		_		
AHU-2	THERMOTECH	95/78	78/66	-5/-5	47/37	-	75/64	84/69	70/51	15/14	0.75	425	_	PLUG	_	3.6	1770	VFD	6.01	7.5	480 3	
AHU-3	THERMOTECH	95/78	78/66	-5/-5	47/37	_	75/64	84/69	70/51	15/14	0.75	1000	1000 –		SEE LAB E		AB EXHAUST FANS				SEE HUMIDIFIER SCHEDULE	

								AIR	HANDLING UNIT SO	CHEDULE, C	ONTINI	UED_			
			CHILLED WA	TER COIL	DATA				PRE-FILTERS	FINAL	FILTERS			EXHAUST FILTERS	
UNIT NO.	FLUID	#HIGH/#WIDE/ E.D.B. E.W.E ROWS/F.P.I. °F °F	. L.D.B. L.W.B. E	E.W.T. L.W F	T. MBH (TOTAL)	MBH (SENS.) GPM W.P.D	FACE VEL. FPM	A.P.D. TYPE	MERV AREA SQ.FT. INIT. AP FIN. AP "WC" "WC	TYPE MERV RATING		- ΔΡ FIN. ΔF WC "WC		MERV FACE AREA SQ.FT. INIT. AP FIN. AP "WC" "WC"	REMARKS
AHU-1	WATER	78	66 –	47	59 –	- 50 -	_				-		_		ALTERNATE
AHU-2	WATER	78	66 –	47	59 –	- 32 -	_				-		-		-
AHU-3	WATER	78	66 –	47	59 –	- 60 -	_				-		-		-

TYPE	MANUFACTURER	MODEL & SIZE	FUNCTION	DESCRIPTION	REMARKS
_	-	-	-	_	-
_	_	-	_	-	-
_	_	-	_	-	-
_	-	-	-	-	-
_	_	_	_	-	-
_	-	-	_	-	-
_	-	-	_	-	-
_	-	-	-	-	-
_	-	_	_	-	-
_	-	_	_	-	-
_	-	-	-	-	-

	VARIABLE AIR VOLUME BOX SCHEDULE																	
UNIT			CFM F	RANGE	INLET SP	DIS NC	RAD. NC	HOT WATER COIL DATA							WPD	APD		
NO.	MANUFACTURER	MODEL & SIZE	MAX	MIN	IN. WG	dB	dB	ROWS	E.D.B. °F	L.D.B.	E.W.T.	L.W.T. °F	мвн	GPM	FT. WG	IN. WG		REMARKS
VAV-1	NAILOR INDUSTRIES	30RW-10	1000	300	0.5	<20	<21	2	55	80	120	80	27	2.2	_	_	-	
VAV-2	NAILOR INDUSTRIES	30RW-10	1000	300	0.5	<20	<21	2	55	80	120	80	27	2.2	-	_	_	
VAV-3	NAILOR INDUSTRIES	30RW-10	1000	300	0.5	<20	<21	2	55	80	120	80	27	2.2	-	_	_	
VAV-4	NAILOR INDUSTRIES	30RW-10	1000	300	0.5	<20	<21	2	55	80	120	80	27	2.2	-	_	_	
_	-	-	_	_	_	_	_	_	_	_	_	_	_	_	-	_	_	

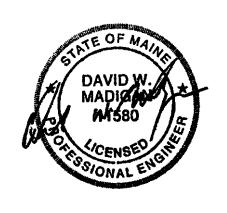
								R	OOM AI	R QUA	NTITI	ES, LABO	ORATO	RY AI	R CON	TROL VALVI	E (ACV	') AND	REHEA	AT COIL	SCHED	ULE - L	OWER LEVE	<u> L</u>					
		SUPPLY AIR						HOT WATER COIL DATA							GENERAL EXHAUST AIR						FUME HOC	DS/BSC			SNORKEL				
ROOM NO.	ROOM NAME	VALVE MODEL & SIZE	MAX. CFM	MIN. CFM	MIN. OCC/UNOCC CFM	CFM	COIL DIM. LxH IN.	FACE VEL. FPM	ROWS E.D.B.	L.D.B. E.W	'.T. L.W.T.	МВН GPM	W.P.D. FT. WG	A.P.D. IN. WC	QUANTITY	VALVE MODEL & SIZE	MAX. CFM EACH	MIN. CFM EACH	QUANTITY	HOOD/BSC SIZE EACH	MAX. CFM EACH	MIN. CFM EACH	VALVE MODEL & SIZE EACH	QUANTITY	TYPE	CFM EACH	VALVE MODEL, SIZE & CFM		REMARKS
	-	-	_	_	-	-	-	_		-			_	_	-	_	_	_	-	_	_	_	-	-	_	-	-		
	-	_	_	_	_	_	-	_		-			-	_	-	-	_	-	-	_	_	_	_	-	-	-	-	_	
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	-	_	_	_	_	_	_	_		-			_	_	_	_	_	_	_	_	_	_	_	-	_	_	_	-	

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PORT - GITY ARCHITECTURE

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VANZELM HEYWOOD & SHADFORD, INC. 10 TALCOTT NOTCH FARMINGTON, CT 06032 TEL: (860) 284-5064 FAX: (860) 284-5098 PROJECT NO.: 2007120.00

BECKER structurel engineers, inc.

CIVIL ENGINEERING & LANDSCAPE ARCHITECTURE

Titan Mechanical, Inc.
Design Build Engineering - Mechanical Contracting

DATE DESCRIPTION PERMIT SET

Date Issued 01/24/08

Project Number 06506SHEET NAME

> MECHANICAL **SCHEDULES**

Drawn By