

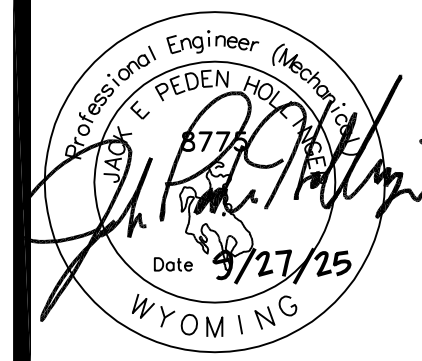
MODULAR AIR HANDLING UNITS																																												
MARK	MODEL NO.	AREA SERVED	SYSTEM TYPE	ECONOMY FAN SECTION						SUPPLY FAN MOTORS						COIL SECTIONS						MIXING BOX			PRE-FILTER						FINAL FILTER						OVERALL DIMENSIONS				ELECTRICAL		WT LBS	REMARKS
				ACFM	ESP	TSP	TYPE	No	ACFM	BHP	HPW	HP	HPW	FLA	VOLTS	PREHEAT	COOLING	REHEAT	RA	OA	FILTERS	TYPE	FWW	THK	EFF	TYPE	FWW	THK	EFF	LENGTH	HT	RATE	NCA	MOP	VOLTS									
AHU-1	DAKON CAH-065	ENTIRE FACILITY	M2 VAV	33,000	3.0"	4.2"	PLENUM FAN ARRAY (8)	8	4,125	4.6	2970	7.5	3170	12.0	460 3PH	HC-1	CC-1	NONE	END	TOP	NONE	PLEATED	500	2"	MERV 8	PLEATED	500	4"	MERV 13	212"	136"	92"	8"	N/A	N/A	460 3PH	5,000	SEE BELOW						

1) DOUBLE WALL R-13 CONSTRUCTION 2) SOUND Baffles IN ALL SECTIONS 3) MODULAR SYSTEM FAN ARRAY 4) ECM DIRECT DRIVE PLENUM FANS 5) IEC PREMIUM EFFICIENCY MOTORS 6) BLANK-OFF PLATES FOR EACH MOTOR 7) MOTOR SHAFT GROUNDING KITS 8) INTERNAL SPRING ISOLATION 9) ACCESS DOOR WINDOW AND SERVICE LIGHT IN FAN SECTION 10) MIN-HELIC GAUGE ON FILTER BANKS 11) DOUBLE WALL REINFORCED ACCESS DOORS 12) DOUBLE LOCKING ACCESS DOOR HANDLES WITH GASKETED SEALS 13) EXTERNAL J-BOX FOR ELECTRICAL CONNECTION 12) BASE RAIL TO ALLOW CONDENSATE TRAP DEPTH 13) CUSTOM PLENUM INLET AND OUTLET AIR OPENINGS AS DETAIL 14) TWO REMOTE MOUNTED VARIABLE SPEED DRIVES BY BAS CONTRACTOR 15) SMOKE DETECTORS BY BAS

PITCH-OFF VAV TERMINAL UNITS																	
MARK	MODEL NO.	SIZE		ACFM	STATIC		HOT WATER REHEAT COIL				WFD	ROWS	PIPE SIZE	REMARKS			
		INLET	OUTLET		MAX	MIN	HEAT	DS	LMN	SMH					LAT	APD	OPW
TU-001	TRUS DESV	12	16/15	1020	255	1020	25'	22"	42.5	100' F	21'	4.0	127' F	1.3'	3R	1"	SEE (1-10) BELOW
TU-002	TRUS DESV	12	16/15	1180	295	1180	25'	36"	48.4	100' F	35'	3.8	123' F	0.8'	4R	1"	SEE (1-10) BELOW
TU-003	TRUS DESV	7	12/10	460	115	230	25'	11"	6.4	85' F	06'	2.0	143' F	2.5'	1R	1"	SEE (1-10) BELOW
TU-004	TRUS DESV	12	16/15	1200	300	1200	25'	38"	50.1	100' F	37'	4.0	123' F	0.9'	4R	1"	SEE (1-10) BELOW
TU-005	TRUS DESV	12	16/15	1200	300	1200	25'	38"	55.6	100' F	37'	4.0	127' F	1.3'	4R	1"	SEE (1-10) BELOW
TU-006	TRUS DESV	7	12/10	500	125	250	25'	20"	9.0	85' F	14'	1.2	134' F	0.5'	2R	W6"	SEE (1-10) BELOW
TU-007	TRUS DESV	10	14/12	900	225	900	25'	40"	37.6	100' F	39'	3.8	129' F	0.7 1"	4R	1"	SEE (1-10) BELOW
TU-101	TRUS DESV	5	12/8	240	60	240	25'	09"	10.0	100' F	07'	3.1	143' F	1.2'	2R	1"	SEE (1-10) BELOW
TU-102	TRUS DESV	8	12/10	600	150	600	25'	29"	25.0	100' F	28'	3.6	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-103	TRUS DESV	12	16/15	1160	290	1160	25'	36"	48.4	100' F	35'	3.8	123' F	0.8'	4R	1"	SEE (1-10) BELOW
TU-104	TRUS DESV	6	12/8	320	80	320	25'	22"	13.4	100' F	16'	1.4	130' F	0.7'	3R	W6"	SEE (1-10) BELOW
TU-105	TRUS DESV	8	12/10	520	130	520	25'	23'	21.7	100' F	22'	2.8	133' F	0.9'	3R	1"	SEE (1-10) BELOW
TU-106	TRUS DESV	8	12/10	520	130	520	25'	23'	21.7	100' F	22'	2.8	133' F	0.9'	3R	1"	SEE (1-10) BELOW
TU-107	TRUS DESV	8	12/10	520	130	520	25'	23'	21.7	100' F	22'	2.8	133' F	0.9'	3R	1"	SEE (1-10) BELOW
TU-108	TRUS DESV	8	12/10	520	130	520	25'	23'	21.7	100' F	22'	2.8	133' F	0.9'	3R	1"	SEE (1-10) BELOW
TU-109	TRUS DESV	8	12/10	520	130	520	25'	23'	21.7	100' F	22'	2.8	133' F	0.9'	3R	1"	SEE (1-10) BELOW
TU-110	TRUS DESV	12	16/15	1140	285	1140	25'	37"	47.6	100' F	36'	4.9	129' F	1.6'	3R	1"	SEE (1-10) BELOW
TU-111	TRUS DESV	5	12/8	240	60	120	25'	05'	3.3	85' F	03'	0.7	140' F	0.5'	1R	W6"	SEE (1-10) BELOW
TU-112	TRUS DESV	12	16/15	1160	290	580	25'	18"	18.7	85' F	17'	1.8	128' F	0.5'	2R	W6"	SEE (1-10) BELOW
TU-201	TRUS DESV	8	12/10	600	150	600	25'	29"	25.0	100' F	28'	3.6	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-202	TRUS DESV	8	12/10	600	150	600	25'	29"	25.0	100' F	28'	3.6	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-203	TRUS DESV	8	12/10	600	150	600	25'	29"	25.0	100' F	28'	3.6	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-204	TRUS DESV	8	12/10	600	150	600	25'	29"	25.0	100' F	28'	3.6	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-205	TRUS DESV	8	12/10	600	150	600	25'	29"	25.0	100' F	28'	3.6	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-301	TRUS DESV	14	20/17	1700	425	1700	25'	37"	70.9	100' F	35'	5.4	122' F	0.9'	4R	1W6"	SEE (1-10) BELOW
TU-302	TRUS DESV	8	12/10	580	145	580	25'	27"	24.2	100' F	26'	3.5	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-303	TRUS DESV	8	12/10	540	135	540	25'	24"	22.5	100' F	23'	3.0	134' F	1.0'	3R	1"	SEE (1-10) BELOW
TU-304	TRUS DESV	7	12/10	460	115	230	25'	11"	6.4	85' F	06'	2.0	143' F	2.5'	1R	W6"	SEE (1-10) BELOW
TU-305	TRUS DESV	8	12/10	580	145	580	25'	27"	24.2	100' F	26'	3.5	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-306	TRUS DESV	6	12/8	340	85	170	25'	13'	4.7	85' F	06'	1.7	144' F	1.4'	1R	W6"	SEE (1-10) BELOW
TU-307	TRUS DESV	14	20/17	1900	475	950	25'	23'	28.2	85' F	21'	2.4	125' F	0.5'	2R	W6"	SEE (1-10) BELOW
TU-308	TRUS DESV	9	14/12	760	190	760	25'	25'	31.7	100' F	28'	3.6	132' F	1.1'	3R	1"	SEE (1-10) BELOW
TU-309	TRUS DESV	6	12/8	300	75	300	25'	19'	12.5	100' F	14'	1.3	129' F	0.9'	3R	W6"	SEE (1-10) BELOW
TU-310	TRUS DESV	6	12/8	280	70	280	25'	17'	11.8	100' F	13'	1.2	129' F	0.7'	3R	W6"	SEE (1-10) BELOW
TU-311	TRUS DESV	7	12/10	480	120	480	25'	25'	20.0	100' F	19'	2.5	133' F	0.8'	3R	1"	SEE (1-10) BELOW
TU-312	TRUS DESV	7	12/10	380	95	380	25'	16'	16.0	100' F	13'	1.8	131' F	0.5'	3R	W6"	SEE (1-10) BELOW
TU-313	TRUS DESV	6	12/8	320	80	320	25'	22'	13.4	100' F	16'	1.4	130' F	0.7'	3R	W6"	SEE (1-10) BELOW
TU-314	TRUS DESV	14	20/17	1700	425	1700	25'	37"	70.9	100' F	35'	5.4	122' F	0.9'	4R	1W6"	SEE (1-10) BELOW
TU-401	TRUS DESV	7	12/10	440	110	440	25'	22"	18.4	100' F	17'	2.2	133' F	0.6'	3R	W6"	SEE (1-10) BELOW
TU-402	TRUS DESV	5	12/8	240	60	240	25'	09"	10.0	100' F	07'	3.1	143' F	1.2'	2R	1"	SEE (1-10) BELOW
TU-403	TRUS DESV	8	12/10	600	150	600	25'	29"	25.0	100' F	28'	3.6	135' F	1.2'	3R	1"	SEE (1-10) BELOW
TU-404	TRUS DESV	5	12/8	180	45	180	25'	05'	7.5	100' F	04'	1.7	140' F	0.6'	2R	W6"	SEE (1-10) BELOW
TU-405	TRUS DESV	9	14/12	660	165	330	25'	14"	12.6	85' F	12'	1.8	135' F	0.5'	2R	W6"	SEE (1-10) BELOW
TU-406	TRUS DESV	9	14/12	680	170	340	25'	14"	12.8	85' F	12'	1.8	135' F	0.5'	2R	W6"	SEE (1-10) BELOW
TU-407	TRUS DESV	7	12/10	480	120	480	25'	25'	20.0	100' F	19'	2.5	133' F	0.8'	3R	1"	SEE (1-10) BELOW
TU-408	TRUS DESV	6	12/8	360	95	380	25'	16'	16.0	100' F	13'	1.8	131' F	0.5'	3R	W6"	SEE (1-10) BELOW
TU-409	TRUS DESV	6	12/8	280	70	140	25'	08'	9.9	85' F	04'	1.0	141' F	0.7'	1R	W6"	SEE (1-10) BELOW
TU-410	TRUS DESV	9	14/12	660	165	330	25'	14"	12.6	85' F	12'	1.8	135' F	0.5'	2R	W6"	SEE (1-10) BELOW
TU-411	TRUS DESV	9	14/12	660	165	330	25'	14"	12.6	85' F	12'	1.8	135' F	0.5'	2R	W6"	SEE (1-10) BELOW
TU-412	TRUS DESV	8	12/10	520	130	520	25'	23'	21.7	100' F	22'	2.8	133' F	0.9'	3R	1"	SEE (1-10) BELOW
TU-413	TRUS DESV	5	12/8	200	50	200	25'	06'	8.3	100' F	05'	2.0	141' F	0.7'	2R	W6"	SEE (1-10) BELOW
TU-414	TRUS DESV	6	12/8	320	80	320	25'	22"	13.4	100' F	16'	1.4	130' F	0.7'	3R	W6"	SEE (1-10) BELOW
TU-415	TRUS DESV	6	12/8	320	80	320	25'	22"	13.4	100' F	16'	1.4	130' F	0.7'	3R	W6"	SEE (1-10) BELOW
TU-416	TRUS DESV	12	16/15	1300	325	1300	25'	44"	54.2	100' F	43'	4.5	124' F	1.1'	4R	1"	SEE (1-10) BELOW

1) PRESSURE INDEPENDENT TYPE BOX 2) COIL CONDITIONS AT 55°EAT AND 155°F EWT 3) FLUID MEDIA IS 30% P-GLYCOL 4) MAX RADIANT MC-25 AT 10" INLET STATIC PRESSURE 5) WITH 1/2" INSULATED CASING UNDER 6) INCLUDE CONTROLS DISCONNECT 7) FIELD LOCATION CONTROLS RIGHT OR LEFT-HAND SIDE FOR MAXIMUM ACCESSIBILITY 8) TRANSITION OUTLETS AS REQUIRED 9) SUPPLY WITH 120V CONTROL TRANSFORMERS 10) INSTALL WITH ACCESS TO CONTROLS, PIPING, AND ACCESSORIES

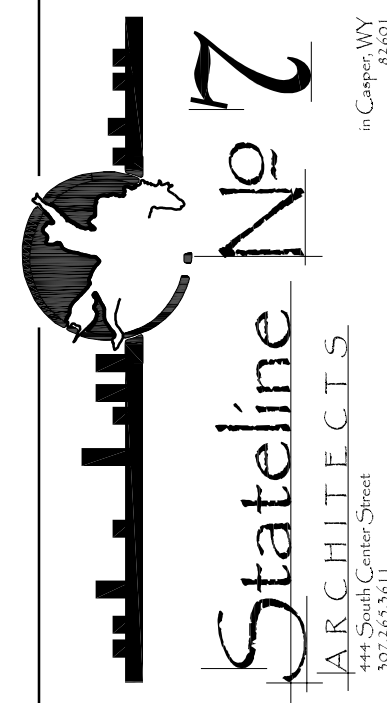
PLUMBING / HVAC LEGEND	
SYMBOL	IDENTIFICATION
— CW —	BUILDING WATER SERVICE
— FP —	FIRE PROTECTION
— G —	NATURAL GAS LINE
— SA —	SANITARY SEWER (SITE)
— ST —	STORM SEWER (SITE)
— W —	SANITARY BLDG WASTE
--- V ---	SANITARY SEWER VENT
— — —	DOMESTIC COLD WATER (CW)
— — —	DOMESTIC HOT WATER (HW)
— — —	REGULATED HOT WATER (RW)
— T —	TEMPERED HOT WATER
--- P ---	PERFORATED DRAIN
--- C ---	CONDENSATE DRAIN
— RD —	ROOF DRAINS (RD)
— OD —	OVERFLOW DRAINS (OD)
— R —	RADON PIPE (R)
○ — —	RADON THRU ROOF (RR)
○ — —	VENT THRU ROOF (VR)
○ — —	PIPE ELBOW DOWN
○ — —	PIPE ELBOW UP
— T —	PIPE TEE DOWN
— T —	PIPE TEE UP
— HWS —	HEATING WATER SUPPLY
— HWR —	HEATING WATER RETURN
— CWS —	CHILLED WATER SUPPLY
— CWR —	CHILLED WATER RETURN
— RL —	LIQUID REFRIGERANT
— RS —	REFRIGERANT HOT GAS
— — —	SHUT-OFF VALVE
— — —	BALL VALVE
— — —	BUTTERFLY VALVE
— — —	CHECK VALVE
— — —	BALANCING VALVE
— — —	DRAIN VALVE
— — —	TRIPLE DUTY VALVE
— — —	STRAINER
— — —	BACKFLOW PREVENTER
— — —	GAS COCK/SHUT-OFF
— — —	PIPE OR DUCT REDUCER
— — —	FLEXIBLE CONNECTION
— — —	PIPING UNION
— — —	VENTURI FLOW DEVICE
— — —	TAP TEST PLUG
— — —	PIPING ANCHORS
— — —	PIPING GUIDES
— — —	EXPANSION JOINT
— — —	PRESSURE REDUCING VALVE
— — —	2-WAY TEMP CONTROL VALVE
— — —	3-WAY TEMP CONTROL VALVE
— — —	PRESSURE INDEPENDENT CONTROL VALVE
— — —	DIFFERENTIAL PRESSURE CONTROL VALVE
— — —	PRESSURE GAUGE
— — —	TEMPERATURE GAUGE
— — —	CONTROLS DEVICE
— — —	AIR VENTS
— — —	RELIEF VALVE
— — —	CONNECTION TO EXIST'G
— — —	WIFI'S LINE/LOW VOLTAGE STAT
— — —	ZONE SENSOR WITH DISPLAY
— — —	ZONE SENSOR WITHOUT DISPLAY
— — —	WALL SENSOR WITH GUARD
— — —	BAS CO2 SENSOR
— — —	BAS PRESSURE SENSOR
— — —	BAS OCCUPANCY SENSOR
— — —	BAS HUMIDITY SENSOR
— — —	FIRE DAMPER
— — —	SMOKE DAMPER
— — —	FIRE/SMOKE DAMPER
— — —	MOTOR OPERATED DAMPER
— — —	SUPPLY AIR DUCT
— — —	RETURN AIR DUCT
— — —	EXHAUST AIR DUCT
— — —	SUPPLY DUCT ELBOW UP
— — —	SUPPLY DUCT ELBOW DOWN
— — —	ELBOW WITH TURNING VANES
— — —	FLEXIBLE DUCT CONNECTION
— — —	ACOUSTICALLY LINED DUCT
16/18 (4) (C) 2-2 600	NECK SIZE OF AIR DEVICE
— — —	TYPE OF AIR DEVICE
— — —	CFM OF AIR DEVICE
— — —	MULTIPLE AIR DEVICES
— — —	VOLUME DAMPER
— — —	CONICAL SPIN-IN
— — —	ACOUSTIC FLEX DUCT
— — —	SUPPLY DIFFUSER
— — —	LINED SOUND BOOT
— — —	RETURN GRILLE
— — —	HARD PIPE CONNECTION
— — —	EXHAUST REGISTER



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PROJECT
24112

DATE
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15.02