

DEDICATED OUTDOOR AIR SYSTEM WITH ENERGY RECOVERY SCHEDULE																																								
BASIS OF DESIGN					SUPPLY FAN								EXHAUST FAN								COOLING COIL										HEATING COIL									
TAG	MODEL	MODEL	LOCATION	SERVICE	CFM	ESP (IN WC)	FAN TYPE	QTY.	MOTOR RPM	HP EACH	BHP EACH	CFM	ESP (IN WC)	FAN TYPE	QTY	MOTOR RPM	HP EACH	BHP EACH	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EAT DB/WB (°F)	LAT DB/WB (°F)	APD (IN WC)	FLUID TYPE	EWT	LWT	GPM	WPD (FT WC)	ROWS	MAX FACE VELOCITY (FPM)	TOTAL CAPACITY (MBH)	EAT (°F)	LAT (°F)	APD (IN WG)	FLUID TYPE	EWT	LWT	GPM	WPD (FT WC)	ROWS
DOAS-1	NAS VENTROL	CSU-5K HW/CHW	SOUTH MECHANICAL YARD	SOUTH WING	5,400	2.25	DIRECT DRIVE PLENUM	2	3,490	9	7.5	3,200	1.50	DIRECT DRIVE PLENUM	2	3,480	3.5	2.60	403.2	232.3	94.0 °F / 75.0 °F	54.8 °F / 54.5 °F	0.71	WATER	43 °F	55 °F	70.0	10.03	6	450	398.9	2.0 °F	70.6 °F	0.14	WATER	140 °F	120 °F	40.4	6.16	2
DOAS-2	NAS VENTROL	CSU-6K HW/CHW	B233 MECHANICAL	NORTH WING	5,900	2.25	DIRECT DRIVE PLENUM	2	3,485	9.5	7.66	3,600	1.50	DIRECT DRIVE PLENUM	2	1,730	2.5	2.36	440.5	258.5	94.0 °F / 75.0 °F	54.0 °F / 53.9 °F	0.56	WATER	43 °F	56 °F	67.0	6.17	4	450	432.3	2.0 °F	70.0 °F	0.1	WATER	140 °F	120 °F	43.8	6.7	2

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DEDICATED OUTDOOR AIR SYSTEM WITH ENERGY RECOVERY SCHEDULE CONTINUED																				
TAG	ENERGY RECOVERY TYPE	ENERGY RECOVERY - SUMMER					ENERGY RECOVERY - WINTER					FILTRATION		ELECTRICAL DATA				MAXIMUM HEIGHT (INCHES)	OPERATING WEIGHT (LBS)	NOTES
		OA EAT DB/WB (°F)	SA LAT DB/WB (°F)	RA EAT DB/WB (°F)	EA LAT DB/WB (°F)	TOTAL EFFICIENCY	OA EAT (°F)	OA LAT DB/WB (°F)	RA EAT DB/WB (°F)	EA LAT DB/WB (°F)	TOTAL EFFICIENCY	SUPPLY PRE-FILTER / FINAL FILTER	EXHAUST FILTER	V	PH	Hz	FLA			
		DOAS-1	TOTAL ENTHALPY WHEEL	92.0 °F / 75.0 °F	82.9 °F / 68.9 °F	75.0 °F / 62.5 °F	90.8 °F / 74.1 °F	91.3%	2.0 °F	37.6 °F / 31.5 °F	68.0 °F / 51.3 °F	6.0 °F / 3.8 °F	93.5%	MERV 8 / MERV 13	MERV 8	460	3			
DOAS-2	TOTAL ENTHALPY WHEEL	92.0 °F / 75.0 °F	82.6 °F / 68.6 °F	75.0 °F / 62.5 °F	90.8 °F / 74.1 °F	91.9%	2.0 °F	38.9 °F / 32.5 °F	68.0 °F / 51.3 °F	5.8 °F / 3.6 °F	93.9%	MERV 8 / MERV 13	MERV 8	460	3	60	37.0	90.0	11,083	1 THRU 12, 14 THRU 18, 20-23

- NOTES:**
1. PROVIDE PACKAGED DEDICATED OUTSIDE AIR HANDLING UNIT, WITH CHILLED WATER COOLING COIL, HOT WATER HEATING COIL.
2. PROVIDE LOW LEAKAGE DAMPERS, EACH WITH A DEDICATED/INDEPENDENT MOTORIZED DAMPER ACTUATOR(S).
3. PROVIDE 4-INCH DOUBLE-WALL CONSTRUCTION.
4. PROVIDE "NO THRU METAL" THERMAL BREAK CONSTRUCTION IN WALLS CEILING & BASE. GASKETED THERMAL BREAK NOT ACCEPTABLE.
5. PROVIDE TUBULAR STEEL BASE, C-CHANNEL BASE NOT ACCEPTABLE.
6. PROVIDE 0.025" TUBE THICKNESS WITH BRAZED RETURN BENDS. HAIRPIN RETURN BENDS NOT ACCEPTABLE.
7. PROVIDE MINIMUM TYPE 304 STAINLESS STEEL COIL CASINGS AND STAINLESS STEEL DRAIN PAN.
8. PROVIDE AMCA CERTIFIED FAN ARRAY SIZED FOR N+1 REDUNDANCY WITH INTEGRAL DEDICATED AIR FLOW MEASURING STATION AND DEDICATED VFD FOR EACH FAN.
9. PROVIDE R-I-S FAN ISOLATION, FANS MUST BE DYNAMICALLY BALANCED TO BV-5 SPEC.
10. PROVIDE INTEGRAL SILENCERS IN FAN SECTION.
11. PROVIDE INDIVIDUAL FANS WITH AUTOMATIC BACKDRAFT DAMPERS IN THE EVENT OF FAN FAILURE.
12. PROVIDE CERAMIC BEARING MOTORS. STEEL BEARING MOTORS WITH SHAFT GROUNDING NOT ACCEPTABLE.
13. PROVIDE INTEGRAL PIPING VESTIBULE.
14. PROVIDE OA DAMPER WITH INTEGRAL AFMS. AFMS MUST HAVE MERV 8 FILTRATION UPSTREAM.
15. COORDINATE DUCT ROUTING AND CONNECTIONS WITH FIELD CONDITIONS.
16. PROVIDE SINGLE POINT POWER CONNECTION WITH FACTORY MOUNTED AND WIRED NON-FUSED DISCONNECT SWITCH..
17. PROVIDE FACTORY MOUNTED LOW VOLTAGE CONTROL TRANSFORMER.
18. PROVIDE KNOCKDOWN CONSTRUCTION FOR BUILDING INGRESS.
19. DOAS ROOF MUST SLOPE A MINIMUM OF 1/4 IN PER FT AND OVERHANG WALL PANELS BY A MINIMUM OF 2 INCHES.
20. FANS MUST BE SIZED BASED ON A MINIMUM FILTER LOADING OF TWO TIMES THE INITIAL (CLEAN) CONDITION AND THEN ROUNDED UP TO THE NEAREST .05 IN WC PER FILTER BANK.
21. OA CFM SCHEDULED INCLUDES A 10% ALLOWANCE FOR LEAKAGE AND FUTURE GROWTH. TAB CONTRACTOR MUST BALANCE SYSTEM TO CFMS SHOWN ON FLOOR PLANS.
22. PROVIDE NAS VENTROL AIR HANDLING EQUIPMENT PER EXISTING WEST POINT JUSTIFICATION AND AUTHORIZATION (J&A).
23. PROVIDE MANUFACTURER'S FACTORY APPLIED COATING SUITABLE FOR A CORROSIVE BRACKISH ENVIRONMENT ON EQUIPMENT CASING AND COILS.

MAKEUP AIR UNIT SCHEDULE																																							
TAG	LOCATION	SERVICE	SUPPLY FAN						COOLING COIL												HEATING COIL										SUPPLY PRE-FILTER / FINAL FILTER	ELECTRICAL DATA					OPERATING WEIGHT (LBS)	NOTES	
			CFM	ESP (IN WC)	FAN TYPE	QTY.	MOTOR RPM	HP EA	TOTAL BHP	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EAT DB/WB ("F)	LAT DB/WB ("F)	APD (IN WC)	FLUID TYPE	EWT	LWT	GPM	WPD (FT)	ROWS	MAX FACE VELOCITY (FPM)	TOTAL CAPACITY (MBH)	EAT ("F)	LAT ("F)	APD (IN WG)	FLUID TYPE	EWT	LWT	GPM	WPD (FT)		ROWS	V	PH	Hz	MCA			MOCp
MAU-1	B236 STORAGE	LEVEL B3	865	0.70	DIRECT DRIVE PLENUM	1	1,750	1.0	0.19	67.8	40.6	94.0/75.0	51.5/51.4	0.06	WATER	43 °F	56 °F	10.4	0.5	4	450	62.3	2.0 °F	68.5 °F	0.01	WATER	140 °F	122 °F	6.9	0.2	1	MERV 8 / MERV 13	208	3	60	3.9	15.0	1,612	1 THRU 14

- NOTES:**
1. PROVIDE KNOCKDOWN CONSTRUCTION (FOR BUILDING INGRESS), VARIABLE VOLUME DEDICATED MAKEUP AIR HANDLING UNIT, WITH CHILLED WATER COOLING, HOT WATER HEATING AND ECONOMIZER CONTROL.
2. PROVIDE MANUFACTURER'S FACTORY APPLIED COATING SUITABLE FOR A CORROSIVE BRACKISH ENVIRONMENT ON EQUIPMENT CASING AND COILS.
3. PROVIDE LOW LEAKAGE DAMPERS IN AIR MIXING SECTIONS, EACH WITH A DEDICATED/INDEPENDENT MOTORIZED DAMPER ACTUATOR(S).
4. COORDINATE DUCT ROUTING AND CONNECTIONS WITH FIELD CONDITIONS.
5. PROVIDE SINGLE POINT POWER CONNECTION WITH FACTORY MOUNTED AND WIRED NON-FUSED DISCONNECT SWITCH NEMA 4x RATED SUITABLE FOR OUTSIDE USE.
6. PROVIDE FACTORY MOUNTED LOW VOLTAGE CONTROL TRANSFORMER AND FACTORY CONFIGURED VFD FOR FIELD INSTALLATION ONTO DOAS CASING; DOAS EQUIPMENT MUST BE FACTORY WIRED.
7. PROVIDE PREMIUM EFFICIENCY, INVERTER DUTY RATED MOTORS SUITABLE FOR USE WITH VFDs. EACH FAN MOTOR MUST HAVE A DEDICATED VFD.
8. WHERE THERE ARE MULTIPLE FANS BEING USED IN A FAN ARRAY, A DEDICATED DISCHARGE DAMPER MUST BE PROVIDED AT EACH FAN TO PREVENT RECIRCULATION OF AIR.
9. PROVIDE ACCESSORIES AND APPURTENANCES FOR INSTALLING DOAS AIR HANDLING UNIT.
10. PROVIDE AIR FLOW MEASURING STATION AT OUTDOOR AIR. AIR FLOW MEASURING STATION MUST BE PROTECTED UPSTREAM BY MERV 8 FILTER.
11. DOAS ROOF MUST SLOPE A MINIMUM OF 1/4 IN PER FT AND OVERHANG WALL PANELS BY A MINIMUM OF 2 INCHES.
12. FANS MUST BE SIZED BASED ON A MINIMUM FILTER LOADING OF TWO TIMES THE INITIAL (CLEAN) CONDITION AND THEN ROUNDED UP TO THE NEAREST .05 IN WC PER FILTER BANK.
13. OUTDOOR AIR DAMPERS MUST BE LOW LEAKAGE DAMPERS WITH A 3 CFM/SF LEAKAGE RATE OR LESS.
14. OA CFM SCHEDULED INCLUDES A 10% ALLOWANCE FOR LEAKAGE AND FUTURE GROWTH. TAB CONTRACTOR MUST BALANCE SYSTEM TO CFMS SHOWN ON FLOOR PLANS.

PUMP SCHEDULE																
TAG	LOCATION	SERVICE	CONFIGURATION	FLUID TYPE	WATER TEMPERATURE	GPM	PUMP HEAD (FT WC)	EFF (%)	SUCTION SIZE (INCH)	DISCHARGE SIZE (INCH)	ELECTRICAL DATA				NOTES	
											HP	BHP	V	PH		Hz
HHWP-1	XB301 MECHANICAL	HEATING HOT WATER SYSTEM	BASE MOUNTED END SECTION	WATER	140 °F	200	105	71.1	2"	1 1/2"	10.0	7.23	480	3	60	1, 3, 4, 5
HHWP-2	XB301 MECHANICAL	HEATING HOT WATER SYSTEM	BASE MOUNTED END SECTION	WATER	140 °F	200	105	71.1	2"	1 1/2"	10.0	7.23	480	3	60	1, 3, 4, 5
CHWP-1	XB301 MECHANICAL	CHILLED WATER SYSTEM	BASE MOUNTED END SECTION	WATER	43 °F	380	75	73.6	3"	2 1/2"	15.0	9.73	480	3	60	1, 3, 4, 5
CHWP-2	XB301 MECHANICAL	CHILLED WATER SYSTEM	BASE MOUNTED END SECTION	WATER	43 °F	380	75	73.6	3"	2 1/2"	15.0	9.73	480	3	60	1, 3, 4, 5
CBP-1	315 VESTIBULE	CHILLED BEAM LOOP - CHW - TELEVISION STUDIO, MOTHER'S ROOM	INLINE	WATER	57 °F	12	20	67.5	1"	1"	1/2	0.40	120	1	60	3, 4, 5, 6
CBP-2	346 VIDEO CORRIDOR	CHILLED BEAM LOOP - CHW - VIDEO EDITING SUITES	INLINE	WATER	57 °F	12	20	67.5	1"	1"	1/2	0.40	120	1	60	3, 4, 5, 6
CBP-3	346 VIDEO CORRIDOR	CHILLED BEAM LOOP - HW - VIDEO EDITING SUITES	INLINE	WATER	57 °F	12	20	67.5	1"	1"	1/2	0.40	120	1	60	3, 4, 5, 6
CP-1	DOAS-1 INTERIOR VESTIBULE	DOAS-1 HOT WATER COIL	INLINE	WATER	140 °F	50	20	61.2	2"	2"	3/4	0.40	120	1	60	2, 3, 4, 5
CP-2	B233 MECHANICAL	DOAS-2 HOT WATER COIL	INLINE	WATER	140 °F	50	20	61.2	2"	2"	3/4	0.40	120	1	60	2, 3, 4, 5
CP-3	B236 STORAGE	MAU-1 HOT WATER COIL	INLINE	WATER	140 °F	50	20	61.2	2"	2"	3/4	0.40	120	1	60	2, 3, 4, 5

- NOTES:**
1. PROVIDE PREMIUM EFFICIENCY MOTORS WITH THERMAL OVERLOAD PROTECTION.
2. PROVIDE STANDARD EFFICIENCY MOTORS WITH THERMAL OVERLOAD PROTECTION.
3. MOTORS MUST BE NON-OVERLOADING THROUGHOUT ENTIRE PUMP CURVE.
4. PROVIDE VFD WITH INVERTER DUTY RATED MOTOR. VFDs AND MOTOR STARTERS MUST BE PROVIDED BY ELECTRICAL. PROVIDE VFDs IN LINE-OF-SIGHT TO CONNECTED PUMP.
5. PROVIDE SHAFT GROUNDING RINGS.
6. PROVIDE EC MOTORS WITH THERMAL OVERLOAD PROTECTION.

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HORIZONTAL SHELL & TUBE STEAM TO HOT WATER HEAT EXCHANGER SCHEDULE												
TAG	LOCATION	SERVICE	CAPACITY (MBH)	SHELL SIDE			TUBE SIDE					NOTES
				STEAM PRESSURE (PSIG)	STEAM MASS FLOW (LBS/HR)	MAX TEMP	EWT (°F)	LWT (°F)	WATER FLOW RATE (GPM)	MAX PRESSURE DROP (FT WC)	FOULING FACTOR	
HX-1	XB301 MECHANICAL	HEATING HOT WATER SYSTEM	1,975	10.0	2,060	375 °F	120 °F	140 °F	200	15	0.0005	1, 2, 3, 4, 5, 6
HX-2	XB301 MECHANICAL	HEATING HOT WATER SYSTEM	1,975	10.0	2,060	375 °F	120 °F	140 °F	200	15	0.0005	1, 2, 3, 4, 5, 6

NOTES:

1. PROVIDE CENTRIFUGAL AIR SEPARATOR WITH CONNECTIONS TO MATCH PIPING SYSTEM.

2. PROVIDE WITHOUT STRAINER.

3. PROVIDE ISOLATION BUTTERFLY VALVES ON INLET AND OUTLET.

4. PROVIDE AUTOMATIC AIR VENT.

5. PROVIDE BLOW DOWN VALVE ON BOTTOM WITH CAP SECURED WITH CHAIN.

6. MAINTAIN MANUFACTURER'S CLEARANCES FOR MAINTENANCE ACCESS.

- NOTES:**
1. PROVIDE SHELL AND TUBE HEAT EXCHANGER DESIGNED, CONSTRUCTED, TESTED, AND STAMPED IN ACCORDANCE WITH SECTION VIII, DIVISION 1 OF THE ASME PRESSURE CODE.
2. PROVIDE WITH FABRICATED CARBON STEEL SHELL; CAST IRON BONNET; STEEL TIE-RODS AND SPACERS; CAST IRON/CARBON STEEL FEET AND BOLTING; COPPER TUBE BUNDLE.
3. COPPER TUBE BUNDLE MUST BE REMOVABLE FOR CLEANING, MAINTENANCE AND REPLACEMENT.
4. PROVIDE ISOLATION BUTTERFLY VALVES ON ALL INLET AND OUTLET WATER CONNECTIONS AND STEAM CONNECTIONS.
5. PROVIDE GASKETS MADE FROM MATERIAL SUITABLE FOR OPERATING TEMPERATURES AND FLUIDS/STEAM USED.
6. FIELD INSULATION FOR ALL HEAT EXCHANGER SURFACES AND PIPING PER MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS.

CONDENSATE RETURN UNIT SCHEDULE																	NOTES
TAG	LOCATION	SERVICE	CONFIGURATION	GPM	DISCHARGE PRESSURE (PSIG)	RATED TEMP	CONNECTIONS			ELECTRICAL DATA					CAPACITY (GAL)	NOTES	
							INLET (INCHES)	OUTLET (INCHES)	VENT (INCHES)	MOTOR QTY	HP EACH	V	PH	Hz			
CRU-1	XB301 MECHANICAL	HEAT EXCHANGER CONDENSATE	DUPLEX, FLOOR MOUNTED	22	20.0	245 °F	1.5"	2.0"	2.0"	2	0.5	208	1	60	23.0	1, 2, 3, 4, 5, 6, 7	1. PROVIDE VERTICAL EXPANSION TANK, WITH HEAVY DUTY BUTYL/EPDM DIAPHRAGM/PRE-CHARGED BLADDER, STEEL CONSTRUCTION MEETING ASME STANDARDS. 2. PROVIDE LINE SIZE ISOLATION BALL VALVES ON CONNECTIONS. 3. PROVIDE AUTOMATIC AIR VENT. 4. PROVIDE SYSTEM PRESSURE RELIEF VALVE FOR INSTALLATION IN SYSTEM PIPING. 5. PROVIDE BLOW DOWN VALVE ON BOTTOM WITH CAP SECURED WITH CHAIN. 6. MAINTAIN MANUFACTURER'S CLEARANCES FOR MAINTENANCE ACCESS. 7. ADVISE FILL, PRESSURE, DRAINING STARTUP FOR FINAL PIPING SYSTEM CONFIGURATION.

- NOTES:**
1. PROVIDE DUPLEX STEAM RETURN PUMPING PACKAGED UNIT WITH INTEGRAL PUMPS, RECEIVER TANK AND MECHANICAL ALTERNATOR PANEL.
2. PROVIDE FABRICATED CAST IRON CONDENSATE RECEIVER TANK DESIGNED, CONSTRUCTION, TESTED, AND STAMPED IN ACCORDANCE WITH SECTION VIII, DIVISION 1 OF THE ASME PRESSURE CODE.
3. PROVIDE INTEGRAL CENTRIFUGAL PUMPS WITH OPEN DRIP PROOF MOTORS.
4. PROVIDE FACTORY MECHANICAL ALTERNATOR WITH NEMA 3 PANEL CAPABLE OF SEQUENCING OF DUPLEX PUMPS AND STAND-BY OF SECOND PUMP ON HIGH LEVEL CONTROLLER FULLY FACTORY WIRED AND CONFIGURED.
5. PROVIDE HEAVY DUTY MECHANICAL FLOAT SWITCHES THAT EXTERNALLY ADJUSTABLE.
6. PROVIDE INTEGRAL WATER LEVEL GAUGE, SHUTOFF VALVE, DIAL THERMOMETER, INLET BASKET STRAINER, DISCHARGE PRESSURE GAUGES AND ISOLATION BUTTERFLY VALVES ON ALL INLET AND OUTLET WATER CONNECTIONS AND STEAM CONNECTIONS.
7. PROVIDE GASKETS MADE FROM MATERIAL SUITABLE FOR OPERATING TEMPERATURES AND FLUID/STEAM USED.

A

EXHAUST FAN SCHEDULE												
TAG	SERVICE	CONFIGURATION	AIRFLOW (CFM)	ESP (IN WG)	ELECTRICAL DATA						WEIGHT (LBS)	NOTES
					MOTOR RPM	BHP	HP	V	PH	HZ		
EF-1	410 PRINTING/LAMINATING	DIRECT DRIVE CENTRIFUGAL UPBLAST	450	0.55	1725	0.09	1/15	115	1	60	67	1, 2, 3, 5, 7, 8
EF-2A	B303 ELECTRICAL ROOM	BELT DRIVE CENTRIFUGAL UPBLAST	400	0.35	1725	0.07	1/4	115	1	60	75	1-3, 5, 6, 8
EF-2B	B303 ELECTRICAL ROOM	BELT DRIVE CENTRIFUGAL UPBLAST	400	0.35	1725	0.07	1/4	115	1	60	75	1-3, 5, 6, 8
EF-4	B306 RECYCLING ROOM	DIRECT DRIVE AXIAL INLINE	160	0.35	1725	0.04	1/15	115	1	60	51	1, 2, 3, 4, 7, 8
EF-5	XB301 MECHANICAL	DIRECT DRIVE CENTRIFUGAL UPBLAST	165	0.25	1725	0.01	1/15	115	1	60	57	1-3, 5, 7, 8

ST-4	XB301 MECHANICAL ROOM	UTILITY TUNNEL DRIP LEG	FLOAT & THERMOSTATIC	2,280	10	4,786	9,000	4"	1, 2, 3
ST-5	XB301 MECHANICAL ROOM	UTILITY TUNNEL DRIP LEG	FLOAT & THERMOSTATIC	2,280	10	4,786	9,000	4"	1, 2, 3

NOTES:

1. PROVIDE NPT THREADED CONNECTIONS.

2. SELECT WITH A MINIMUM 2.0 SAFETY SIZING FACTORY. SELECT WITH LINE SIZE CONNECTION.

3. PROVIDE CAST IRON H-PATTERN FLOAT AND THERMOSTATIC STEAM TRAP WITH STAINLESS STEEL INTERNAL CONSTRUCTION.

STEAM SAFETY RELIEF VALVE SCHEDULE									

- NOTES:**
1. PROVIDE WITH FACTORY MOUNTED AND WIRED NON-FUSED DISCONNECT.
2. PROVIDE PREMIUM EFFICIENCY MOTOR, WITH THERMAL OVERLOAD PROTECTION.
3. PROVIDE FACTORY MOUNTED AND WIRED LOW-LEAKAGE MOTORIZED ISOLATION DAMPERS, 120 VAC WITH POSITION INDICATION.
4. PROVIDE HOUSED SPRING VIBRATION ISOLATORS TO SUPPORT FAN FROM BUILDING STRUCTURE.
5. PROVIDE MANUFACTURER'S 18" HIGH ROOF CURB WITH HINGED CURB CAP, CURB SEAL AND DAMPER TRAY.
6. PROVIDE BELT DRIVEN EXPLOSION PROOF MOTOR OUTSIDE OF AIRSTREAM WITH SPARK-PROOF FAN IMPELLER.
7. PROVIDE EC MOTOR WITH HAND-OFF-AUTO (HOA) CONTROLLER.
8. PROVIDE MANUFACTURER'S FACTORY APPLIED COATING SUITABLE FOR A CORROSIVE BRACKISH ENVIRONMENT ON EQUIPMENT CASING AND COILS.

AIR SEPARATOR SCHEDULE								
TAG	SERVICE	LOCATION	DESIGN FLOW (GPM)	MAX FLOW (GPM)	CONNECTION SIZE (INCHES)	PRESSURE DROP (FT WC)	FLOODED WEIGHT (LBS)	NOTES
AS-1	HEATING HOT WATER SYSTEM	XB301 MECHANICAL	205	300	4"	0.7	263	1 THRU 6
AS-2	CHILLED WATER SYSTEM	B304 AV/EVENT STORAGE	380	850	6"	0.42	564	1 THRU 6
NOTES								