

PACKAGED OUTDOOR AIR HANDLING UNIT SCHEDULE																									
TAG No.	MANUF- ACTURER	MODEL No.	SUPPLY AIR			COOLING COIL					ELECTRIC HEATING COIL – AIR				RETURN AIR			ELECTRICAL			DIMENSIONS			WEIGHT (kg)	REMARKS
			FLOW (L/s)	E.S.P. (Pa)	MOTOR (kW)	CAP (kW)	E.A.T. (°C)	L.A.T. (°C)	P.D. (Pa)	REFRIGE –RANT	CAP. (kW)	E.A.T. (°C)	L.A.T. (°C)	P.D. (Pa)	FLOW (L/s)	E.S.P. (Pa)	MOTOR (kW)	V/Ph/hz	MOP (A)	MCA (A)	L (mm)	W (mm)	H (mm)		
AHU–1	TRANE	SEHLF25	4645	275	7.46	87.9	–	–	25	R410A	–	–	–	–	3840	230	3.73	208/3/60	175	150.95	7353	2257	SEE NOTES	2530	SEE NOTES
AHU–1	TRANE	–	4645	–	–	–	–	–	–	–	50	–2	18	25	–	–	–	208/3/60	175	173.5	–	–	–	–	NOTE 6
NOTE 1: UNIT TO BE COMPLETE WITH VFD SUPPLY FAN, VFD RETURN FAN, ECONOMIZER SECTION, , HEATING COIL, AND DX COOLING COIL AND INTEGRAL PACKAGED CHILLER. NOTE 2: UNIT TO BE MOUNTED EXTERIOR TO BUILDING ON CONCRETE SLAB, REQUIRES INSULATED, WEATHER TIGHT CASING. NOTE 3: UNIT ONLY OPERATES 3 SEASONS (NO WINTER). NOTE 4: UNIT EXPECTED TO SEE SNOW LOADING DURING WINTER DUE TO LOCATION. NOTE 5: UNIT IS 1177mm TALL EXCEPT FOR CHILLER SECTION WHICH IS 2216mm NOTE 6: UNIT HAS TWO POWER CONNECTIONS, ONE FOR UNIT AND ONE FOR ELECTRIC HEATING COIL.																									

FAN SCHEDULE												
FAN No.	SERVICE	LOCATION	MANUFACTURER	MODEL No.	AIR FLOW (L/s)	EXTERNAL STATIC PRESS. (Pa)	MOTOR (HP)	FAN RPM	ELECTRICAL (V/Ph/Hz)	MOUNTING ARR'GT	TYPE	REMARKS
CF–1	COOLING FAN	MECH ROOM	–	–	75	94	1/6	–	120/1/60	INLINE	CENTRIFUGAL	C/W EXTERNALLY MOUNTED MOTOR SPEED CONTROL
EF–1	SMOKE EXHAUST	ATTIC, REAR STAGE WALL	–	–	4720	100	2	1170	208/3/60	INLINE	AXIAL	DIRECT DRIVE AXIAL FAN
EF–2	SMOKE EXHAUST	ATTIC, REAR STAGE WALL	–	–	4720	100	2	1170	208/3/60	INLINE	AXIAL	DIRECT DRIVE AXIAL FAN

MOTORIZED DAMPER SCHEDULE					
TAG No.	DUTY	NORMAL POSITION	TYPE	SIZE	REMARKS
CD–1	OUTSIDE AIR	CLOSED	2 POSITION	300x150	OPPOSED BLADE, THERMALLY INSULATED, THERMALLY BROKEN FRAME, EXTRUDED ALUMINUM FRAME AND BLADES, BLADE AND JAMB SEALS.

GRILLE, DIFFUSER, AND LOUVER SCHEDULE							
TAG No.	MANUFACTURER	MODEL No.	SIZE	SERVICE	DESCRIPTION	FINISH	REMARKS
S–1	–	–	SEE DWG	SUPPLY	FLOOR GRILLE	–	EXISTING GRILLE
S–2	–	–	SEE DWG	SUPPLY	WALL GRILLE	–	EXISTING GRILLE
S–3	–	–	SEE DWG	SUPPLY	LOUVERED SUPPLY GRILLE	B12	19mm BLADE SPACING, DOUBLE DEFLECTION, C/W BALANCING DAMPER, STEEL CONSTRUCTION
R–1	–	–	SEE DWG	RETURN	CEILING GRILLE	–	EXISTING GRILLE
R–2	–	–	SEE DWG	RETURN	WALL GRILLE	–	EXISTING GRILLE
R–3	–	–	SEE DWG	RETURN	EGG CRATE	B12	13mm EGG CRATE, C/W BALANCING DAMPER, STEEL CONSTRUCTION
E–1	–	–	SEE DWG	RETURN	EGG CRATE	B12	13mm EGG CRATE, C/W BALANCING DAMPER, STEEL CONSTRUCTION
BELL	N/A	N/A	SEE DWG	RETURN	BELL MOUTH	–	BELL MOUTH SIZED PER DWGS, PROVIDE 13x13mm BIRDSCREEN OVER OPENING
LOUVER	–	–	SEE DWG	–	DRAINABLE LOUVER	SEE REMARKS	150mm DRAINABLE LOUVER, 35 DEG BLADES, COLOR PER SPECIFICATIONS, CONFIRM WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO ORDERING

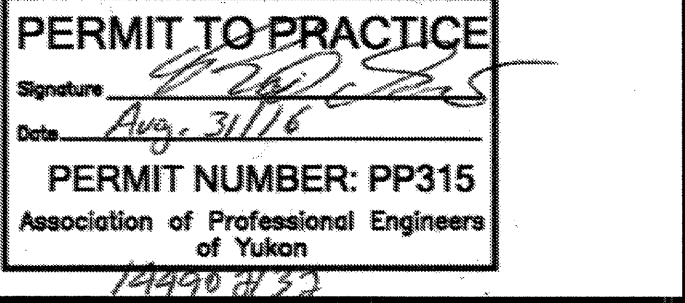
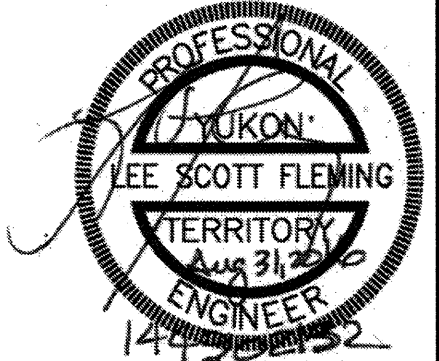
HEAT, PREHEAT, AND REHEAT COIL SCHEDULE											
TAG	LOCATION	MANUFACTURER	SIZE WxH (mm)	CAPACITY (kW)	AIR				POWER (V/Ph/Hz)	POWER (A)	REMARKS
					FLOW (L/S)	P.D. (Pa)	EAT (°C)	LAT (°C)			
HC–1	AHU–1	–	–	–	–	–	–	–	–	–	SEE AHU SCHEDULE
RHC–1	UNDER STAGE	–	1000x400	25.3	2025	25	18	30	208/3/60	70.33	SERVES SEATING AREA, SEE NOTES 1 THRU 2
RHC–2	UNDER STAGE	–	450x350	13.1	790	25	18	30	208/3/60	36.42	SERVES STAGE AREA, SEE NOTES 1 THRU 2
RHC–3	UNDER STAGE	–	600x350	20.7	1140	25	18	30	208/3/60	57.55	SERVES UPPER FLOOR ROOMS & 2ND FLOOR FOYER, SEE NOTES 1 THRU 2
RHC–4	UNDER STAGE	–	450x300	7.8	665	25	18	30	208/3/60	21.68	SERVES ENTRY/BAR, CORRIDOR, & WASHROOMS, SEE NOTES 1 THRU 2
NOTE 1: COIL TO BE COMPLETE WITH FULL BREAK MAGNETIC CONTACTOR, AUTOMATIC AND MANUAL CUT–OUTS, BUILT–IN AIRFLOW SENSOR NOTE 2: COIL TO BE MODULATING C/W SCR MODULATING CONTROLLER.											

ELECTRIC DOMESTIC HOT WATER HEATER SCHEDULE									
TAG No.	LOCATION	MANUFACTURER	MODEL	CAPACITY (L)	ELEMENTS (W)	V/PH	DIMENSIONS (ø X L) (W x L x H) (mm)	EMPTY WEIGHT (kg)	REMARKS
DHWH–1	MECH ROOM	–	–	114	3000	208/1/60	521x876	44.5	
DHWH–2	BAR COUNTER	–	–	9.5	1500	120/1/60	350x350x280	9.1	

OIL–FIRED UNIT HEATER SCHEDULE												
TAG	LOCATION	MANUFACTURER	MODEL	FUEL	INPUT (L/h)	INPUT (kW)	OUTPUT (kW)	AIRFLOW (L/S)	MOTOR (kW)	V/PH/HZ	WEIGHT (kg)	REMARKS
UH–1	MECH ROOM	–	–	NO. 2 FUEL OIL	1.89	20.5	16.4	496	0.187	115/1/60	70.5	508x707x495 ADJUSTABLE LOUVERS

TANK SCHEDULE									
TAG No.	SERVICE	LOCATION	MANUFACTURER	MODEL No.	USAGE	TANK VOLUME (L)	TANK ACCEPTANCE VOLUME (L)	DIMENSIONS (ø X L) (W x L x H) (mm)	REMARKS
TK-1.1	DHW EXPANSION TANK	MECH ROOM	—	—	DHW	7.6	2.5	203x330	WALL MOUNTED, ADJACENT DHWH
TK-2.1	FO STORAGE TANK	EXTERIOR (MECH RM)	—	—	FUEL OIL	465	—	585x915x1185	DOUBLE WALLED, 110% CONTAINMENT

PUMP SCHEDULE												
TAG No.	SERVICE	LOCATION	MANUFACTURER	MODEL No.	CAPACITY (L/s)	HEAD (M)	FLUID	MOTOR (hp)	RPM (max)	ELECTRICAL (V/Ph/Hz)	REMARKS	
P–1.3	STW SUMP	CRAWLSPACE GRID G–F:1a–1	–	–	2.84	3.0	STW	1/3	3000	120/1/60	C/W FLOAT LEVEL SWITCH.	



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