

ROOF TOP AIR HANDLING UNIT SCHEDULE																								
UNIT TAG	WEIGHT (KG)	DESCRIPTION	Supply Fan										Cooling Coil											
			CAPACITY TYPE	AIR FLOW (LPS)	ESP (Pa)	FAN MODEL	FAN TYPE	FAN ARR	FAN SIZE	RPM	MOTOR (Hp)	MOTOR ELECTRIC	TOTAL (KW)	SENSIBLE (KW)	FACE VEL (M/S)	EDB (°C)	LDB (°C)	FLUID	EWL (°C)	LWT (°C)	FLUID FLOW (LPS)	WPD (KPA)	ROWS	FINS PER IN.
AHU-1	1334	HORIZONTAL AIR HANDLING UNIT 100% OUTDOOR AIR	VARIABLE FREQUENCY DRIVE	1007	249	EPF	Plenum	3	12	3322	3	575/3/60	25	17	2.5	26	12.7	WATER	7.2	12.7	1.07	3.99	5	12

ROOF TOP AIR HANDLING UNIT SCHEDULE													
Heating Coil							FILTERS						
TOTAL (KW)	FACE VEL (M/S)	APD (PA)	EDB (°C)	LDB (°C)	WPD (KPA)	STEAM PRESSURE (KPA)	ROWS	FINS PER IN.	PRE. TYPE	TYPE	FACE VEL (M/S)	COMMENTS	
51.6	2.5	0	-18	24.4	0	82	1	8	2 in Farr 30/30	12 in Farr RIGA V 95% PH style	1.8	PREMIUM EFFICIENCY ODP MOTORS, INVERTER DUTY RATED, SPRING ISOLATORS, 304 SST DRAIN PAN, ONE SET OF FILTERS, FILTER PRESSURE GAUGES, MARINE LIGHTS, VARIABLE SPEED DRIVE, FACE AND BYPASS COILS AND INTAKE HOOD.	

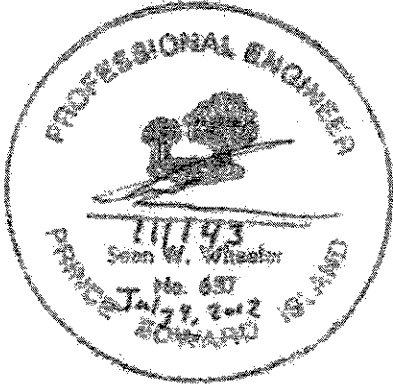
EXHAUST FAN SCHEDULE												
UNIT NO.	APPLICATION	LOCATION	DESCRIPTION	ARRANGEMENT & DRIVE	FAN DATA					MOTOR DATA		
					l/s	S.P. Pa	D.V. m/s	DISCHRG.	BRAKE (HP)	RPM	kW (HP)	ELECTRICAL DATA
EF-1	FUMEHOOD EXHAUST	PENTHOUSE	INLINE BIFURCATED CENTRIFUGAL FAN	BELT DRIVE 340mm BACKWARD CURVED IMPELLER	270	125	-	-	0.11 (0.08)	1182	0.18 (0.25)	120/1/60

EXHAUST FAN SCHEDULE						
STARTER DATA		FAN INTERLOCKING	VIBRATION ISOLATORS			REMARKS
TYPE	LOCATION		BASE	SPRINGS	STATIC DEF. (mm)	
-	-	EMCS	-	-	-	

DIFFUSER SCHEDULE				
TYPE	MODULE SIZE (IN)	NECK SIZE	FLOW (LPS)	ACCEPTABLE MATERIALS
E-1	24 X 10	FULL SIZE	179 - 600	LOUVERED GRILL, 3/4" SPACING, 35° DEFLECTION,
S-1	24x24	12	434 - 593	STEEL BLADES

PLUMBING FIXTURE SCHEDULE							
UNIT REF.	FIXTURE	WASTE	VENT	DCW	DHW	FIXTURE	TRIM NOTES
S-1	COUNTER MOUNT SINK LAB	2"	1-1/2"	1/2"	1/2"	SEE MILLWORK	CHROME DOUBLE WRIST BLADE HANDLE COMMERCIAL FAUCET 1.5 GPM GOOSENECK SPOUT. C/W ADDITIONAL CHROME SINGLE HANDLE GOOSENECK PURE WATER FAUCET.
V-1	LABORATORY NEEDLE STOP VALVES			1/4" VAC	1/4" CMA		DECKMOUNT TURRET WITH SINGLE BALL VALVE HOSE COCK, COMPLETE WITH VANDAL RESISTANT LOCKING PINS, SHANK, LOCKNUT, LOCKWASHER, COUPLING NUT AND 1/4" I.P.

NOTE: ALL FIXTURES TO BE SUPPLIED WITH TYPICAL TRIM (P-TRAPS, ANGLE STOPS, ETC.) TAILPIECE
 STANDARD OF ACCEPTANCE:
 CLEANOUTS: ZURN ZN-1400 SERIES (TO SUIT FLOORING TYPE), ENPOCO, MIFAB.
 ACCESS HATCH: ZURN ZANB-1460



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revisions	date
project	project

AAFC CLRC MOLECULAR LAB RETROFIT
440 UNIVERSITY AVE.
CHARLOTTETOWN
QUEEN'S COUNTY, PEI

drawing

dessin

ROOM 229 LAB MECHANICAL SCHEDULES

designed SEAN WHEELER, P.ENG.

conçu

date DEC. 2, 2011

drawn AAP, E.I.T.

dessiné

date DEC. 2, 2011

approved

approuvé

date

Tender

Soumission

PWGSC Project Manager

Administrateur de projets TPSGC

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