

ENERGY RECOVERY VENTILATOR SCHEDULE																				
TAG	LOCATION	PACKAGE	SUPPLY FAN SECTION					EXHAUST FAN SECTION				HEAT RECOVERY			ELECTRIC AL	AHU/ERV SIZE			TOTAL WEIGHT	NOTES
			AIRFLOW (L/s)	MINIMUM OUTSIDE AIR (%)	ESP (Pa)	FAN QTY	FAN POWER (kW)	AIRFLOW (L/s)	ESP (Pa)	FAN QTY	FAN POWER (kW)	TYPE	SENSIBLE EFF%	TOTAL EFF%	POWER (V/Hz/Ph)	L (mm)	W (mm)	H (mm)	AHU / ERV (kg)	
ERV-1	MEZZANIN E	ENERGY RECOVERY VENTILATOR	60	100	100	1	0.1500	60	100	1	0.1500	ERV CASSETTE	73	66	120/60/1	600	440	410	3270	C/W ERV CASSETTE BY-PASS

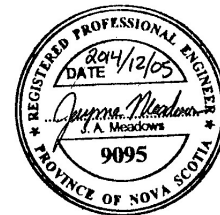
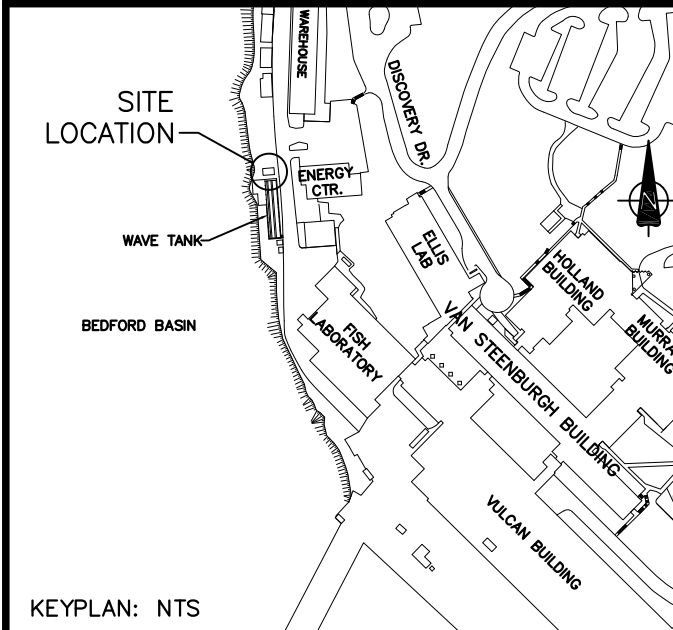
GRILL, REGISTER & DIFFUSER SCHEDULE							
TAG	SERVICE	DUCT SIZE (mm)	DESCRIPTION	FACE SIZE (mm)	MOUNT TYPE	FINISH	REMARKS
S-1	SUPPLY	150ø	CONE, PLAQUE FACE	200ø	DUCT MOUNTED	WHITE	
E-1	EXHAUST	150ø	RETURN GRILL	300X300	DUCT MOUNTED	WHITE	

LOUVER SCHEDULE						
TAG	SERVICE	FACE SIZE (WxH; mm)	BLADE		PERCENT FREE AREA (%)	REMARKS
			ANGLE (°)	SPACING (mm)		
LV-1	INTAKE	750X600	45	150	50	DRAINABLE, STORM PROOF BLADES, C/W BIRDSCREEN, FINISH TO MATCH SIDING

PUMP SCHEDULE										
TAG	LOCATION	SERVICE	TYPE	HEAD (m)	FLOW RATE (L/s)	R.P.M.	MOTOR CAPACITY (kw)	ELECT. SUPPLY		COMMENTS
								VOLTS	PHASE	
SWP-1	MECH ROOM	SALT WATER PUMP	SELF PRIMING CENTRIFUGAL	23.6	10.4	2080	5.6	575	3	OCEAN SALT WATER
SWP-2	MECH ROOM	SALT WATER PUMP	SELF PRIMING CENTRIFUGAL	23.6	10.4	2080	5.6	575	3	OCEAN SALT WATER
P-1	MECH ROOM	SUMP PUMP	SUMP PUMP	4.5	0.95	3400	0.2	120	1	

PLUMBING FIXTURE SCHEDULE							
TAG	FIXTURE TYPE	PLUMBING CONNECTIONS (MINIMUM)					
		WASTE (mm)	VENT (mm)	DCW (mm)	DHW (mm)	M	REMARKS
SS-1	SERVICE SINK	38	25	20	20	-	-
FD-1	100Ø OUTLET FLOOR DRAIN	38	-	-	-	-	GENERAL DUTY

FAN SCHEDULE												
TAG	LOCATION	SERVICE	TYPE	ESP	FLOW RATE (L/s)	R.P.M.	MOTOR CAPACITY (kW)	DRIVE	ELECT. SUPPLY		LWA	COMMENTS
									VOLTS	PHASE		
F-1	LAB	LAB	INLINE SUPPLY	75	340.0	1725	0.0750	DIRECT	208	3	65	INTERLOCK WITH FUME HOOD



C01	ISSUED FOR TENDER	12/05 2014
revisions		date
project	project	
BEDFORD INSTITUTE OF TECHNOLOGY WAVE TANK SALT WATER / FRESH WATER SUPPLY		
drawing	drawing	
MECHANICAL SCHEDULES		
designed MM	conçu	
date		
drawn MM	dessiné	
date		
approved JM	approuvé	
date		
Tender	Soumission	
ALLAN MCNEILL		
PWGSC Project Manager	Administrateur de projets TPSCC	
project number	no. du projet	
R.070629.001		
drawing no.	no. du dessin	
M03		