

AC SPLIT SYSTEM SCHEDULE – INDOOR COMPONENTS												
TAG	LOCATION	ARRANGEMENT	AIRFLOW RATE (L/s)	TOTAL COOLING (kW)	SENSIBLE COOLING (kW)	FAN			EAT DB (C)	EAT WB (C)	VOLT/PHASE	COMMENTS
						HP	RPM	ESP (Pa)				
AHU–1	MECH ROOM 124	DUCTED UNIT	2107	34.4	27.7	7.5	–	600	24	17.5	600/3	C/W VIBRATION ISOLATORS
AHU–2	MECH ROOM 124	DUCTED UNIT	1573	29	20	5	–	350	24	17.5	600/3	C/W VIBRATION ISOLATORS

C02

AC SPLIT SYSTEM SCHEDULE – OUTDOOR COMPONENTS								
TAG	LOCATION	ARRANGEMENT	AMBIENT DB (C)	TOTAL COOLING (KW)	VOLT/PHASE	COOLING MODULATION	COMMENTS	
CU-1	OUTSIDE	–	24	34.4	600/3	SEE SPEC	C/W VIBRATION ISOLATORS	
CU-2	OUTSIDE	–	24	29	600/3	SEE SPEC	C/W VIBRATION ISOLATORS	

C02

TERMINAL UNIT SCHEDULE (VAV)								
TAG	BY-PASS BOX	INLET SIZE	MAXIMUM AIRFLOW (L/s)	MINIMUM AIRFLOW (L/s)	MAX. SOUND LEVEL (NC)	CONTROL	LOCATION	CONTROL DETAIL
B-1	NO	10	429	257	30	DDC	CAFE 106	–
B-2	NO	16	1524	914	30	DDC	GREAT HALL 111 & GIFT SHOP 116	–
B-3	NO	12	548	328	30	DDC	ACTIVITY LAB 122	–
B-4	NO	6	118	70	30	DDC	UNDERWATER EXHIBIT 126	–
B-5	NO	10	380	228	30	DDC	EXHIBIT 119 & DISPLAY 120	–
B-6	NO	10	400	240	30	DDC	THEATRE 118	–
B-7	NO	6	100	60	30	DDC	STAFF ROOM 123	–
B-8	NO	4	24	14	30	DDC	OFFICE 112	–
B-9	NO	6	152	91	30	DDC	KITCHEN104	–

GRILLE AND DIFFUSER SCHEDULE														
TAG	MANUFACTURE	TYPE	STYLE	AIRFLOW	FRAME	MOUNTING	MODULE SIZE	NO. OF SLOTS OR CONES	DISCHARGE PATTERN	CONSTRUCTION	FASTENING	ACCESSORIES	FINISH	REMARKS
A	–	–	SPIRAL DUCT MOUNTED GRILLES	SUPPLY	–	DUCT MTD.	SEE TAG	DOUBLE DEFLECTION	1-WAY	ALUMINUM	DUCT MTD.	OBD	–	FRONT BLADES PARALLEL TO LONG DIMENSION, 20MM BLADE SPACING WITH EXTRACTOR
B	–	–	SPIRAL DUCT MOUNTED GRILLES	RETURN	–	DUCT MTD.	SEE TAG	–	1-WAY	ALUMINUM	DUCT MTD.	–	–	PERFORATED GRILLE WITH EXTRACTOR
C	–	–	SQUARE CONE	SUPPLY	–	T-BAR	600X600	THREE	4-WAY	ALUMINUM	LAY IN	–	B12	–
D	–	–	PERFORATED	RETURN	–	T-BAR	600X600	PERFORATED SURFACE	0° DEFLECTION	ALUMINUM	LAY IN	–	B12	–
E	–	–	LOUVERED	SUPPLY	–	DUCT/WALL MTD.	SEE TAG	–	DOUBLE DEFLECTION	ALUMINUM	DUCT MTD.	–	–	FRONT BLADES PARALLEL TO LONG DIMENSION, 20MM BLADE SPACING, 32MM BORDER, COUNTERSUNK SCREW HOLES
F	–	–	LOUVERED	RETURN	–	DUCT MTD.	SEE TAG	–	–	ALUMINUM	DUCT MTD.	–	–	FRONT BLADES PARALLEL TO LONG DIMENSION, 20MM BLADE SPACING, 32MM BORDER, COUNTERSUNK SCREW HOLES
G	–	–	LOUVERED	RETURN	–	WALL MTD.	SEE TAG	–	–	ALUMINUM	WALL MTD.	–	–	FRONT BLADES PARALLEL TO LONG DIMENSION, 20MM BLADE SPACING, 32MM BORDER, COUNTERSUNK SCREW HOLES

PLUMBING FIXTURE SCHEDULE													
TYPE	DESCRIPTION	HANDICAPPED ACCESSIBILITY	FIXTURE		TRIM		SUPPLY		WASTE		TRAP		REMARKS
			MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	
S-1	FRESHWATER & SEAWATER SINK	YES	–	–	–	–	–	–	–	–	–	–	FRESHWATER SINK IN ACTIVITY LAB. SEE SPECIFICATION FOR DESCRIPTION.
S-2	KITCHEN HAND WASH SINK	YES	–	–	–	–	–	–	–	–	–	–	HAND WASH S/S SINK LOCATED IN KITCHEN. SEE SPECIFICATION FOR DESCRIPTION.
S-3	STAFF ROOM HAND WASH SINK	YES	–	–	–	–	–	–	–	–	–	–	STAFF ROOM SINK. SEE SPECIFICATION.

FAN SCHEDULE														
TYPE	MANUFACTURER	MODEL	TYPE	CAPACITY (L/S)	PRESSURE LOSS(Pa)	DRIVE	CURB	R.P.M.	H.P.	VOLT	PH	BACK DRAFT	REMARKS	
F-1	–	–	IN-LINE TYPE	248	154	DIRECT	–	1716	1/6	120	1	YES	C/W VIBRATION ISOLATORS TOTAL OF 4 REQUIRED. C/W FACTORY DISCONNECT	
F-2	–	–	IN-LINE TYPE	248	154	DIRECT	–	1716	1/6	120	1	YES	C/W VIBRATION ISOLATORS TOTAL OF 4 REQUIRED. C/W FACTORY DISCONNECT	
F-3	–	–	IN-LINE TYPE	248	154	DIRECT	–	1716	1/6	120	1	YES	C/W VIBRATION ISOLATORS TOTAL OF 4 REQUIRED. C/W FACTORY DISCONNECT	

VENTILATION LEGEND

	FRESH AIR OR INTAKE DUCT		DIFFUSER, ARROWS INDICATES DIRECTION OF FLOW.
	SUPPLY DUCT		RETURN OR EXHAUST GRILLE OR REGISTER
	RETURN OR EXHAUST DUCT		DUCT FLEXIBLE CONNECTION (EQUIPMENT). UNDERCUT DOOR
	ELBOW R/W = 1.5 UNLESS OTHERWISE NOTED		DOOR GRILLE
	ELBOW W/ SPLITTER VANES		AUTOMATIC BACKDRAFT DAMPER
	MITERED ELBOW W/ AIRFOIL TURNING VANES		SQUARE TO ROUND DUCT TRANSITION.
	DAMPER, MOTORIZED		FIRE DAMPER
	BRANCH TAKEOFF, SMOOTH RADIUS W/ BALANCING DAMPER (INCLUDE BALANCING DAMPER WHETHER INDICATED OR NOT)		TRANSFER DUCT (INSIDE DIMENSION SHOWN)
	BRANCH TAKEOFF, BOOT CONNECTION W/ BALANCING DAMPER. (INCLUDE DAMPER WHETHER INDICATED OR NOT). SUPPLY AND RETURN.		ACOUSTIC LINED DUCTWORK INSIDE DIMENSION SHOWN
			COMBINATION SMOKE AND FIRE DAMPER

	SMOKE DAMPER		ROUND DUCT BRANCH TAKE-OFF FROM RECTANGULAR MAIN, SPIN-ON CONNECTION COMPLETE WITH BALANCING DAMPER.
	INLINE DUCT SILENCER		DUCT MOUNTED ELECTRIC HEATING COIL WITH SCR.
	DUCT MOUNTED ELECTRIC HEATING COIL, SINGLE OR MULTI STAGE.		CEILING MOUNTED EXHAUST FAN.
	INSULATED FLEXIBLE DUCT.		VAV BOX WITH ELECTRIC DUCT MOUNTED REHEAT COIL.
	VARIABLE AIR VOLUME BOX. (VAV).		

	EXISTING PIPING TO REMAIN		LAVATORY, COUNTER MOUNTED
	EXISTING PIPING TO BE REMOVED		SINK, SINGLE AND DOUBLE COMPARTMENT SERVICE SINK
	SANITARY WASTE DRAIN		WATER CLOSET, FLUSH VALVE
	VENT		URINAL, STALL OR WALL
	DOMESTIC COLD WATER		DOMESTIC HOT WATER TANK
	DOMESTIC HOT WATER RECIRCULATION		GATE VALVE
	EQUIPMENT DRAIN		CHECK VALVE
	ELBOWS (a) 90 DEG. (b) 45 DEG. (c) LONG RADIUS		FLOOR DRAIN C/W TRAP
	ELBOWS (a) UP (b) DOWN		FLOOR DRAIN WITHOUT TRAP
	(a) 90 DEG. TEE (b) TEE TURNED DOWN (c) 45 DEG. Y BEND OR LATERAL		COMBINATION FUNNEL FLOOR DRAIN C/W TRAP
	CLEANOUT (a) VERTICAL STACK (b) END OF LINE (c) HORIZONTAL		COMBINATION FUNNEL FLOOR DRAIN C/W TRAP
	REDUCERS CONCENTRIC & ECCENTRIC		PLUMBING VENT
			BACKFLOW PREVENTER

CONTROLS LEGEND

	TEMPERATURE SENSOR
	PROGRAMMABLE THERMOSTAT
	TYPICAL BASEBOARD HEATER (SEE ELECTRICAL DRAWINGS).
	LOW VOLTAGE CONTROL WIRING.

UNIT NOMENCLATURE

	DIFFUSER SIZE
	DIFFUSER TYPE (SEE SPEC/SCHED)
	SUPPLY, RETURN OR EXHAUST CAPACITY (LITRES/SECOND)

FIXTURE TAGS

L-#	LAVATORY No.
S-#	SINK No.
MS-#	MOP SINK No.
WC-#	WATER CLOSET No.
SH-#	SHOWER No.
UR-#	URINAL No.

C02	2018/11/28	ISSUED FOR ADDENDUM	D.B.	NS
C01	2018/10/15	ISSUED FOR TENDER	D.B.	
No.	Date	Description	Drawn by Dessiné par	Approved Approuvé

	Detail number	A Numéro de détail
	Sheet number	B Numéro de la feuille
Linear dimensions in millimetres		Dimensions linéaires en millimètres
Consultant's Name Nom de l'expert-conseil		
SNC • LAVALIN SNC • LAVALIN Inc. Halifax, Nova Scotia, Canada Member of the SNC • LAVALIN Group		Eng. Stamp Sceau de l'ingénieur

Project title/Titre du projet	
TERRA NOVA VISITOR CENTRE REHABILITATION UPGRADES	
GLOVERTOWN, NL	

Drawing title/Titre du dessin	
MECHANICAL SCHEDULES	
Designed by/Concept par D.M.	Date 2018/08/31
Drawn by/Dessiné par D.B.	Date 2018/08/31
Checked by/Vérifié par	Date
Project No./No. du projet 1326	Scale/Echelle AS SHOWN
Drawing Set No./No. de série du dessin H-07	Sheet No./ N° de la feuille