
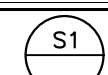
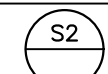

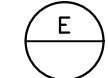
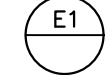


HEAT PUMP SCHEDULE																
TAG	HEAT PUMP	SIZE	ROOM(S) SERVED	DIMS (mm) LxWxH	AIR FLOW (L/s)	WATER (L/s)	HEATING (kW)	COOLING (kW)	FRESH AIR L/s	F.A. CONN. SIZE (mm)	PIPE CONN.	DRAIN	HOSE SIZE	ELECTRICAL		ACCESSORIES
														VOLTAGE (V/Hz/Ø)	MCA	
	HORIZONTAL WATERLOOP HEAT PUMP	012	SMALL MEETING ROOM 3398	1016x508x381	ECM MOTOR 180 L/s	0.21 L/s	4.20 kW @ 20.0°C EWT	3.4 kW @ 30.0°C EWT	VAV	200mm	NPS 3/4	19mm	19mm	208/230/1/60	5.3 A	REFER TO SPECIFICATION FOR FLOW DEVICE KIT AND AUTOMATIC CONTROL VALVE.

HEAT PUMP SCHEDULE 1
SCALE : N.T.S. M-6

PLUMBING FIXTURE SCHEDULE											
FIXTURE			TRIM				PIPING CONNECTIONS				
TAG	FIXTURE TYPE	DESCRIPTION	FAUCET	SUPPLY	WASTE	TRAP	HWS	CWS	WASTE	VENT	NOTES
P-3	STAINLESS STEEL SINGLE BOWL KITCHEN SINK	18"x20"x6" 18GA, TYPE 304, UNDERCOATED	SINGLE HANDED KITCHEN FAUCET	HEAVY PATTERN CHROME PLATED ANGLE LAVATORY SUPPLIES	INCLUDED	CAST BRASS BODY P-TRAP C/W CO.	NPS 1/2	NPS 1/2	40mm	32mm	
P-4	MIXING VALVE	POINT OF USE TYPE									INSTALL ON NEW P-3 SET DHW TO P-3 @ 43°C

PLUMBING FIXTURE SCHEDULE 2
SCALE : N.T.S. M-6

GRILLE SCHEDULE						
SYMBOL	TYPE	FACE SIZE (mm)	NECK SIZE (mm)	AIR FLOW (L/s)	FINISH	REMARKS
	CEILING SUPPLY DIFFUSER PLAQUE TYPE	500x500mm	150mm Ø	0-57 L/s	B12	FRAME STYLE - TBAR LAY-IN
	CEILING SUPPLY DIFFUSER PLAQUE TYPE	500x500mm	200mm Ø	57-73 L/s	B12	FRAME STYLE - TBAR LAY-IN
	CEILING RETURN GRILLE PLAQUE TYPE	500x500mm	450x450mm PLENUM	-	B12	FRAME STYLE TYPE - TBAR LAY IN
	EXISTING TO REMAIN	-	-	-	-	RE-BALANCE TO L/s AIRFLOWS AS INDICATED
	CEILING EXHAUST PERFORATED TYPE	500x500mm	150mm Ø	0-47 L/s	B12	FRAME STYLE - TBAR LAY IN

 INDICATES GRILLE NUMBER
 INDICATES L/S QUANTITY

DIFFUSER AND GRILLE 3
SCALE : N.T.S. M-6


SMOKE AND FIRE DAMPER SCHEDULE							
TAG	DAMPER	DIMENSIONS	DRIVE ARRANGEMENT	ACTUATOR – OPTIONS		ACCESSORIES	NOTES
SD-1	SMOKE DAMPER	TO SUIT DUCT DIMENSIONS	INTEGRAL	ELECTRIC FAIL CLOSED	120V OCI SWITCH	ACTUATOR 120V C/W AUX. SWITCH	① ②
SD-2	SMOKE DAMPER	TO SUIT DUCT DIMENSIONS	INTEGRAL	ELECTRIC FAIL CLOSED	120V OCI SWITCH	ACTUATOR 120V C/W AUX. SWITCH	① ②

NOTES: 1 - ALL COMPONENTS FACTORY ASSEMBLED AND CERTIFIED TO ULC 555S STANDARDS
2 - SMOKE DETECTOR AND INTERFACE BY DIV. 26

SMOKE AND FIRE DAMPER SCHEDULE 4
SCALE : N.T.S. M-6

VARIABLE AIR VOLUME BOX SCHEDULE					
TAG	UNIT SIZE	INLET SIZE	RANGE L/s min. max.	TYPE	REMARKS
VAV-01	8	200mmØ	30 - 100	SINGLE DUCT WITH DIGITAL CONTROLS	DUCT INLET AND OUTLET SHALL BE 200mm IN DIAMETER

VAV BOX SCHEDULE 5
SCALE : N.T.S. M-6




Public Works and
Government Services
Canada

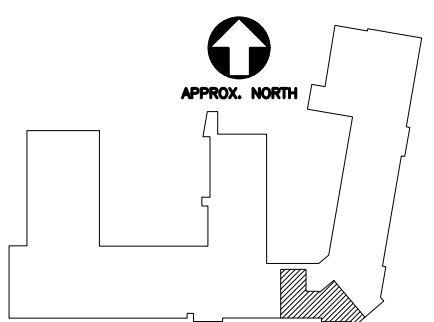
Travaux Publics et
Services gouvernementaux
Canada

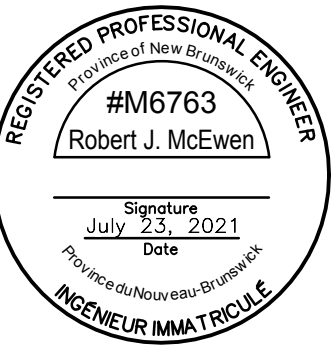
architects

18 Botsford St.
Moncton, NB
E1C 4W7
Tel: 506 857 8491
Fax: 506 858 9725



77 VAUGHAN HARVEY BLVD, SUITE 200
MONCTON, NB E1C 0K2
BUS: (506) 857 8880 FAX: (506) 859 8393
WWW.MCW.COM ENG. JOB NO. 11-20-237





0

ISSUED FOR TENDER

JUL 23
2021

revisions

date

project

PARKS CANADA
3rd FLOOR FIT-UP
1045 MAIN STREET
MONCTON,NB

projet

drawing

SCHEDULES
MECHANICAL

dessin

designed R.M.

conçu

date JULY, 2021

drawn N.B.

dessiné

date JULY, 2021

approved R.M.

approuvé

date JULY, 2021

Tender

Soumission

FWGSC Project Manager

Administrateur de projets TP50C

project number

no. du projet

R.074120.001

drawing no.

no. du dessin

M-6