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LEGEND

	EXISTING DUCTWORK TO BE REMOVED
	EXISTING DUCTWORK TO REMAIN
	NEW DUCTWORK
	SUPPLY DIFFUSER TO BE REMOVED
	SUPPLY DIFFUSER TO REMAIN
	NEW SUPPLY DIFFUSER
	RETURN GRILLE TO BE REMOVED
	RETURN GRILLE TO REMAIN
	NEW RETURN GRILLE
	EXISTING COOLING TSTAT TO BE REMOVED
	EXISTING TSTAT TO REMAIN
	NEW LOW VOLTAGE ZONE CONTROLLER
	NEW LOW VOLTAGE PRINCIPAL CONTROLLER
	IMD INTELLIGENT MOTORIZED DISC DAMPER

SIZE OF GRILLE OR DIFFUSER
200-A (S - EXISTING SUPPLY)
200-B (R - EXISTING RETURN)
100
AIR FLOW (L/S)



revisions
project
date
desain
conçu
date
dessiné
date
approuvé
4ds
MARCH 29, 2017
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ARDGOWAN NATIONAL HISTORIC SITE HVAC UPGRADE CHARLOTTETOWN, PEI QUEENS CO., PE

SECOND FLOOR PLAN NEW VENTILATION & DETAILS

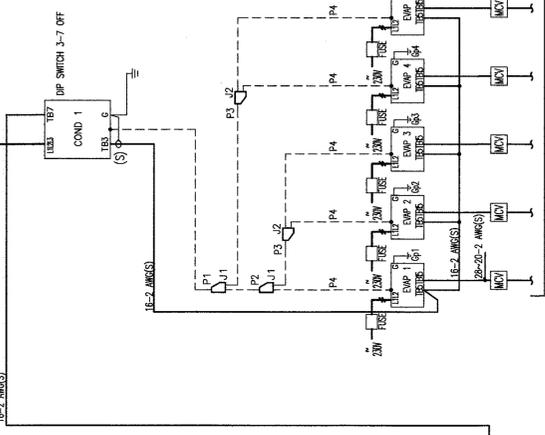
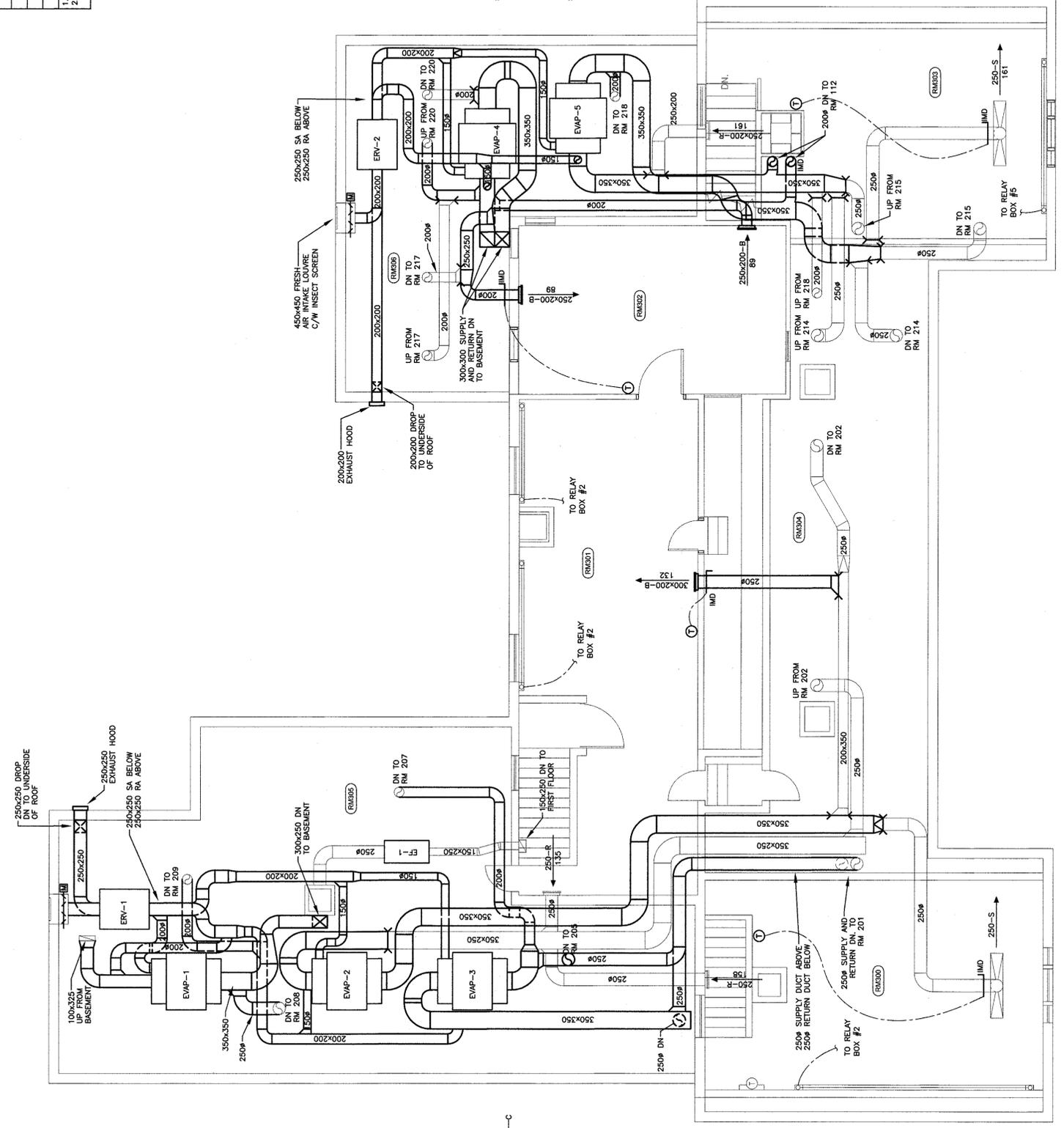
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TENDER: <i>John M. Kelly</i> PWSSC Project Manager / Administrateur de projets IPSSC no. du projet: R.080258.002 drawing no.: H6 of 7	

VRF EVAPORATOR SCHEDULE (INDOOR UNITS)

TAG	NOM. COOLING CAPACITY	NOM. HEATING CAPACITY	SUPPLY FAN		VOLTAGE/PHASE	MCA
			AIRFLOW (L/S)	EXT. SP. OA (L/S)		
EWAP-1	10.6 kW	11.7 kW	446	150 Pa	230/1	3.67
EWAP-2	10.6 kW	11.7 kW	476	150 Pa	230/1	3.67
EWAP-3	10.6 kW	11.7 kW	517	150 Pa	230/1	3.67
EWAP-4	10.6 kW	11.7 kW	583	150 Pa	230/1	3.67
EWAP-5	10.6 kW	11.7 kW	633	150 Pa	230/1	3.67

1. EXT. SP. REFERS TO STATIC PRESSURE EXTERNAL TO THE UNIT. DOES NOT INCLUDE COIL, CASING, FILTER
COOLING: INDOOR 26.7°C D.B./18.4°C W.B. OUTDOOR 35°C D.B. PIPE LENGTH 7.6M
HEATING: INDOOR 21.1°C D.B. OUTDOOR 8.3°C D.B./6.1°C W.B. PIPE LENGTH 7.8M

NOTE:
1. PIPE EVAPORATOR CONDENSATE TRAPS WITHIN A HEATED SPACE TO BE INSULATED.
2. ALL DUCTS IN ATTIC SPACE TO BE INSULATED.



VRF SYSTEM SCHEMATIC
SCALE: N.T.S.

SECOND FLOOR NEW VENTILATION
SCALE: 1:50

