

LEGEND

	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 BE REMOVED
	EXISTING TSTAT TO REMAIN
	NEW LOW VOLTAGE ZONE CONTROLLER
	NEW LOW VOLTAGE PRINCIPAL CONTROLLER
	INTELLIGENT MOTORIZED DISC DAMPER

— TIMED

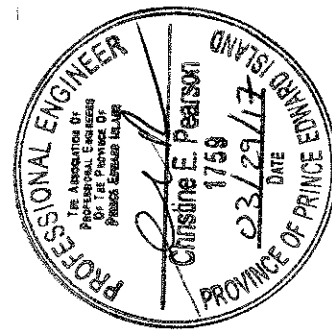
SIZE OF GRILLE OR DIFFUSER

TYPE OF GRILLE OR DIFFUSER

DIRECTION OF EXISTING SUPPLY AIR FLOW

(R - EXISTING RETURN)

(S/S - EXISTING SUPPLY)



revisions		date
project		
ARDGOWAN NATIONAL HISTORIC SITE HVAC UPGRADE CHARLOTTETOWN, PEI QUEENS CO., PE		
drawing		desain
SECOND FLOOR PLAN NEW VENTILATION & DETAILS		
designed CP	conçu	
date	MARCH 29, 2017	
drawn SM	dessiné	
date	MARCH 29, 2017	
approved CP	approuvé	
date	MARCH 29, 2017	
Tender	Soumission	
<i>Jay Marice</i> PWSOC Project Manager Administrateur du projet TPSCOC		
project number	no. du projet	
R.080258.002		
drawing no.	no. du dessin	

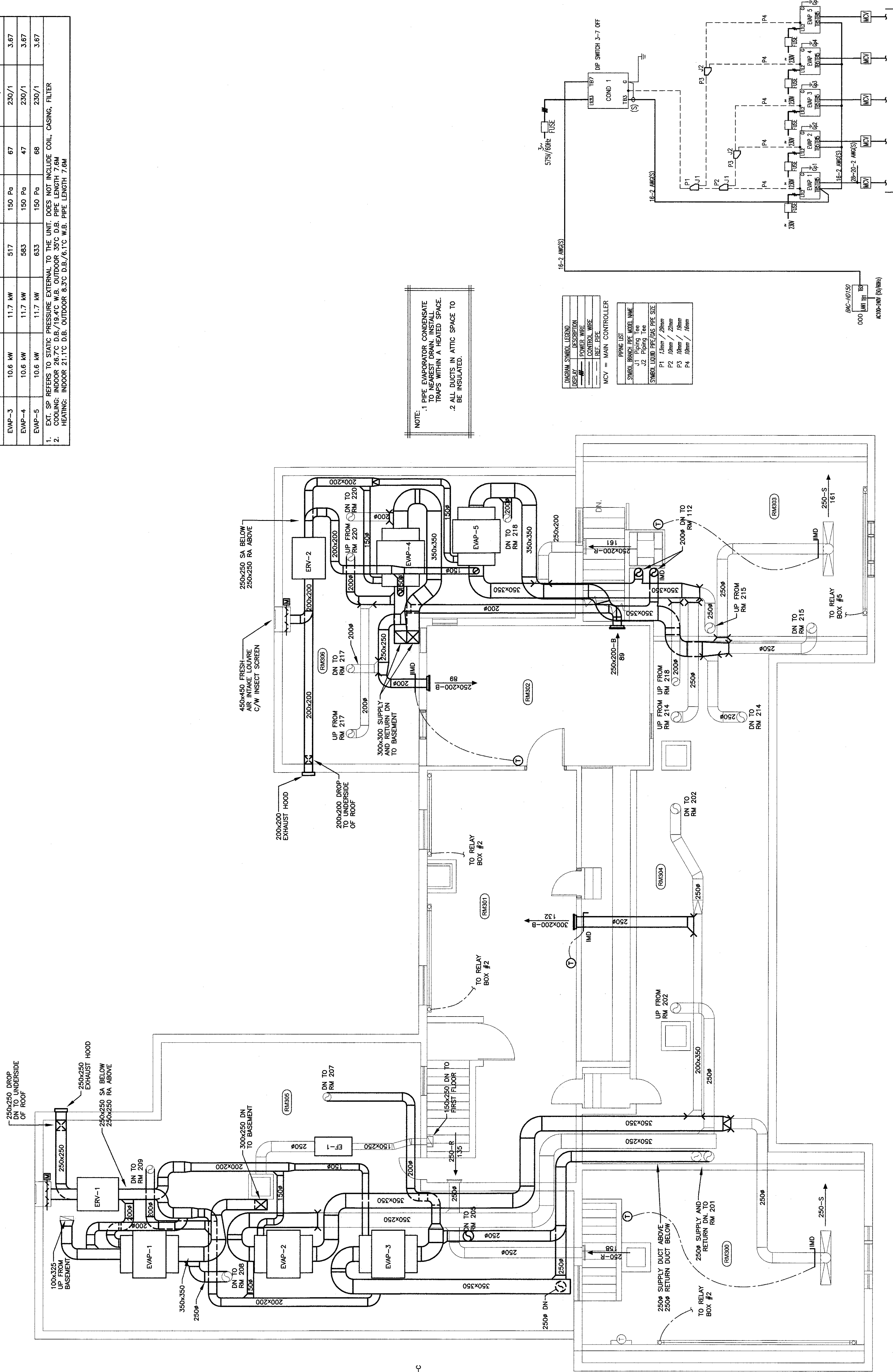
VRF EMPANORATOR SCHEDULE (INDOOR UNITS)							
TAG	NOM. COOLING CAPACITY	NOM. HEATING CAPACITY	SUPPLY FAN			VOLTAGE/PHASE	MCA
			AIRFLOW (L/S)	EXT. SP	OA (L/S)		
EWAP-1	10.6 kW	11.7 kW	446	150 Pa	66	230/1	3.67
EWAP-2	10.6 kW	11.7 kW	476	150 Pa	41	230/1	3.67
EWAP-3	10.6 kW	11.7 kW	517	150 Pa	67	230/1	3.67
EWAP-4	10.6 kW	11.7 kW	583	150 Pa	47	230/1	3.67
EWAP-5	10.6 kW	11.7 kW	633	150 Pa	68	230/1	3.67

1. EXT. SP. REFERS TO STATIC PRESSURE EXTERNAL TO THE UNIT. DOES NOT INCLUDE COIL, CASING, FILTER
 2. COOLING: INDOOR 26.7°C D.B./19.4°C W.B. OUTDOOR 35°C D.B. PIPE LENGTH 7.6M
 HEATING: INDOOR 21.1°C D.B. OUTDOOR 8.3°C W.B./61°C W.B. PIPE LENGTH 1.6M

1. EXT. SP. REFERS TO STATIC PRESSURE EXTERNAL TO THE UNIT. DOES NOT INCLUDE COIL, CASING, FILTER
2. COOLING: INDOOR 26.7°C D.B./19.4°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 7.6M

NOTE:

1. PIPE EVAPORATOR CONDENSATE TO NEAREST DRAIN. INSTALL TRAPS WITHIN A HEATED SPACE.
2. ALL DUCTS IN ATTIC SPACE TO BE INSULATED.



REFER TO 7-H7 FOR CONTINUATION

VRF SYSTEM SCHEMATIC

SCALE : N.T.S.

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