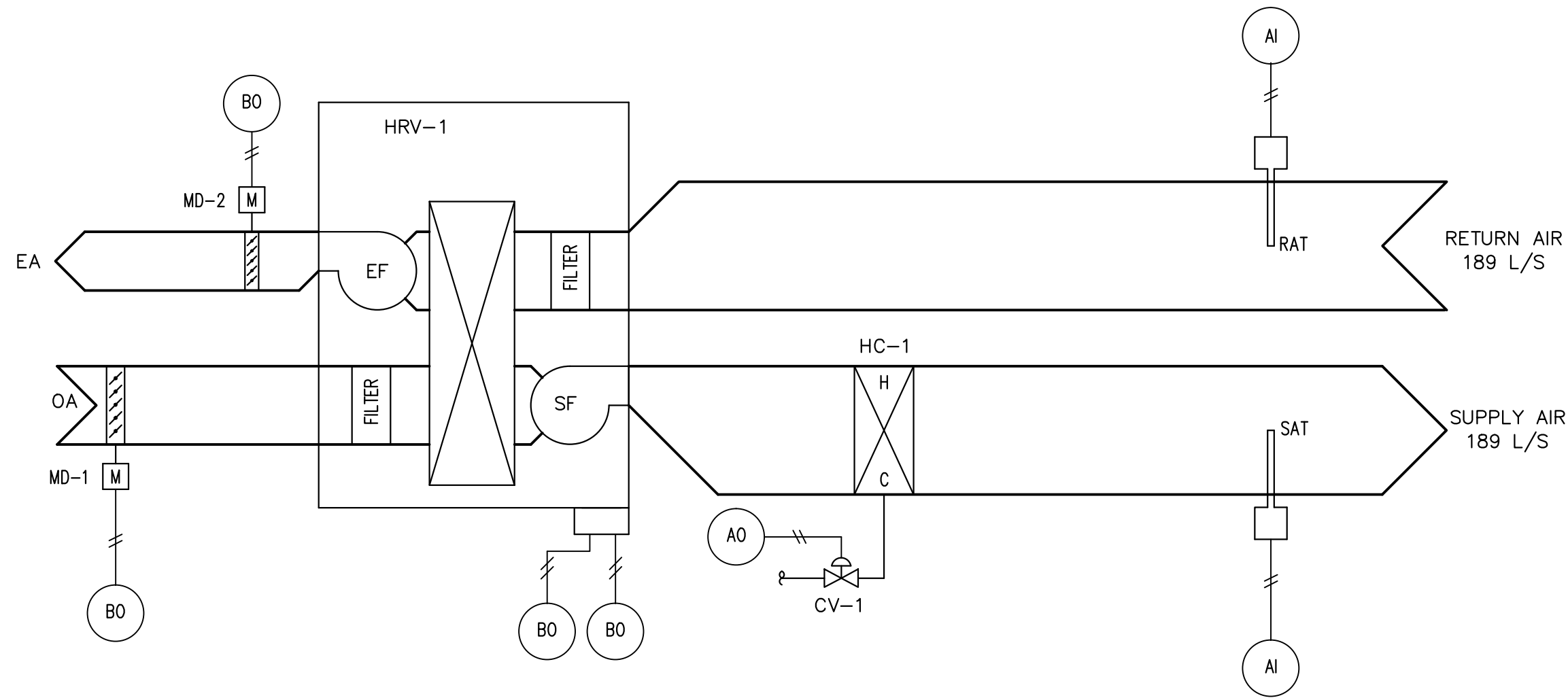


NOTE:
1.--MANUAL VENT TO BE INSTALLED AT HIGH POINT AS REQUIRED.
2.--CONTROL VALVE TO BE INSTALLED BY MECHANICAL CONTRACTOR, SUPPLIED BY CONTROLS CONTRACTOR
3.--PROVIDE 1/2" LOW POINT DRAIN LEG ON EACH LINE WITH CAPS.
4.--REDUCE SIZE AS REQUIRED REFER TO CONTROL VALVE SCHEDULES
5.--CONNECT THE WATER SUPPLY TO THE LEAVING AIR SIDE AND THE WATER RETURN TO THE ENTERING AIR SIDE OF THE COIL.

TYPICAL REHEAT COIL DETAIL
SCALE : N.T.S.



HRV #1 SYSTEM CONTROL DIAGRAM
SCALE : N.T.S.

REHEAT COIL SCHEDULE																
ITEM NO.	MANUFACTURER MODEL NO.	AIR				COIL SIZE (mm) (WXH)	COIL PIPE SIDE	CONN. (mm)	NO. OF ROWS	FPI	HEATING CAPACITY (kW)	WATER				REMARKS
		L/S	APD (Pa)	EAT °C	LAT °C							L/S	WPD (Pa)	EWT °C	LWT °C	
HC-1	DAIKIN 5BB1102B	189	57	12.7	35.4	430x280	RIGHT HAND	13	2	9	5.0	0.1	224	82.2	71.2	-
NOTES: 1. 2.																

CONTROL VALVE SCHEDULE										
ITEM	EQUIPMENT	TYPE	FLOW (L/s)	SIZE (mm)	CONN. TYPE	CV	MODEL NO.	CONTROL	SEQUENCE OF OPERATION	REMARKS
CV-1	HEATING COIL HC-1	2 WAYS MODULATING	0.1	13	NPT	0.9	BELIMO B210-TF24-SR US	PROPORTIONAL	NORMALLY OPEN/FAIL OPEN	—
NOTES:										

HEAT RECOVERY VENTILATOR UNIT SCHEDULE															
TAG NO.	MANUFACTURER & MODEL NO.	SYSTEM	SUPPLY FAN				RETURN FAN				ELECTRICITY				REMARKS
			L/S	EXT. S.P. (Pa)	RPM	MOTOR (kW)	L/S	EXT. S.P. (Pa)	RPM	MOTOR (kW)	V	PH	MCA	MOP	
HRV-1	FANTECH SHR 6904	HRV-1	189	125	-	-	189	125	-	-	115	1	-	-	-
NOTES: 1. 2.															

MOTORIZED DAMPER SCHEDULE								
IDENTIFICATION	SYSTEM	DESCRIPTION	L/S	MANUFACTURER	MODEL NO.	DIMENSION (WXH)	ACTUATOR TYPE	REMARKS
MD-1	HRV-1	INTAKE	189	TAMCO	SERIES 9000	300x200	BELIMO LOW VOLTAGE	—
MD-2	HRV-1	EXHAUST	189	TAMCO	SERIES 9000	250x200	BELIMO LOW VOLTAGE	—
NOTES:								

DIFFUSER GRILLE SCHEDULE							
TYPE	DESCRIPTION	SERVICE	NECK SIZE (mm)	L/S	N.C. (MAX)	THROW T50 (M)	MANUFACTURER NO.
B1	LOUVERED FACE SUPPLY GRILLE	SUPPLY	—	63	19	6.7	E.H. PRICE 200x100/520/B12
G1	LOUVERED FACE RETURN GRILLE	EXHAUST	—	63	15	—	E.H. PRICE 220x150/530D/B12
NOTES:							

3	RE-ISSUED FOR TENDER	NOV. 03 2014
2	ISSUED FOR TENDER	AUG. 12 2014
1	RE-ISSUED FOR 99% REVIEW	AUG. 07 2014
0	ISSUED FOR TENDER	MAY 21 2014
B	ISSUED FOR 99% REVIEW	FEB. 28 2014
A	ISSUED FOR 66% REVIEW	FEB. 21 2014
revisions		date

project project
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drawing dessin
ELECTRICAL DETAILS, DIAGRAMS & SCHEDULES

designed L. FRENETTE	conçu
date AUGUST 2014	
drawn M. RICHARD	dessiné
date AUGUST 2014	
approved	approuvé
date	
Tender	Soumission
PWSC Project Manager	Administrateur de projets TPSC
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