



Drawing name: K:\A\A000234-580 Booth Controls\400\440\A000234-M45 points list part 4.dwg Oct 01, 2013 - 11:01am


I/O Point Summary Table																		
PWGSC PROJECT NO:		R.041796.002				CONSULTANT:		CIMA		M&E System Reference:			GND FL AHU					
AREA IDENTIFIER:		GRUND FLOOR AHU				MCU NUMBER:		«5»		EMCS System Identifier:			«8»					
AREA EXPANSION:		«3»				LOCATION OF MCU:		«6»		EMCS System Expansion:			«9»					
1	2	3			4	5	6	7			8	9		10	11	12	13	
POINT #	POINT IDENTIFIER	POINT IDENTIFICATION				AUXILIARY DEVICES					ALARMS		BI/BO	BI	BO	APPLICABLE PROGRAMS AND/OR NOTES		
		POINT EXPANSION	TYPE	ENG UNITS	CONTROLLED OR AUXILIARY SENSING DEVICE, TYPE OF SENSOR OR OUTPUT DEVICE	SUPPLIED	INSTALLED	WIRED	CR CA MA	ANALOG LIMITS		CONTACT	ACTION	HEAVY DUTY MOTOR				
										L1	H1				NO NC		C/R O/R	DELAY
1	OAMD	Outside Air Motorized Damper			BO	OPEN/CLOSE	Damper Actuator										Existing Damper&Actuator	
2	OAMDST	Outside Air Motorized Damper Status			BI	OPEN/CLOSE	Relay										Existing Relay	
3	MAD	Motorized Air Dampers			AO	%	Transducer/Damper Actuator		25	25	25						New Transducer/Existing Damper&Actuator	
4	RAH	Return Air Humidity			AI	% RH	Humidity Sensor		25	25	25						New Sensor	
5	RAT	Return Air Temperature			AI	°C	Temperature Sensor		25	25	25						New Sensor	
6	RAHTST	Return Air High Temperature Status			BI	Normal/Alarm	High Temperature Sensor		25	25	25	CA					New Sensor	
7	RFSS	Return Fan Start/Stop			BO	ON/OFF	Relay					25					Existing Relay	
8	RFST	Return Fan Status			BI	ON/OFF	Relay					25	CA				Existing Relay	
9	FDP	Filter Differential Pressure			AI	Pa	Differential Pressure Sensor		25	25	25	MA					New Sensor	
10	MAT	Mixed Air Temperature			AI	°C	Temperature Sensor		25	25	25						New Sensor	
11	GPSS	Glycol Pump Start/Stop			BO	ON/OFF	Relay					25					Existing Relay	
12	GPST	Glycol Pump Status			BI	ON/OFF	Relay					25	CA				Existing Relay	
13	HCECV	Heating Coil Heat Exchanger Control Valve			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
14	FZ	Freezestat			BI	Normal/Alarm	FreezeStat					25	CR				New transducer	
15	CCCV1	Cooling Coil Control Valve 1			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
16	CCCV2	Cooling Coil Control Valve 2			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
17	CCCV3	Cooling Coil Control Valve 3			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
18	LCCAT	Leaving Cooling Coil Air Temperature			AI	°C	Temperature Sensor		25	25	25						New Sensor	
19	SFSS	Supply Fan Start/Stop			BO	ON/OFF	Relay					25					Existing Relay	
20	SFST	Supply Fan Status			BI	ON/OFF	Relay					25	CA				Existing Relay	
21	SAT	Supply Air Temperature			AI	°C	Temperature Sensor		25	25	25	CA					New Sensor	
22	RH1CV	Reheat Coil #1 Control Valve			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
23	RH2CV	Reheat Coil #2 Control Valve			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
24	RH3CV	Reheat Coil #3 Control Valve			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
25	RH4CV	Reheat Coil #4 Control Valve			AO	%	Control Valve Actuator					25					Existing Valve&Actuator	
26	RH5CV	Reheat Coil #5 Control Valve			AO	%	Control Valve Actuator					25					Existing Valve& Actuator	
27	STS1	Space Temperature Sensor #1			AI	°C	Temperature Sensor		25	25	25						New Sensor	
28	STS2	Space Temperature Sensor #2			AI	°C	Temperature Sensor		25	25	25						New Sensor	
29	STS3	Space Temperature Sensor #3			AI	°C	Temperature Sensor		25	25	25						New Sensor	
30	STS4	Space Temperature Sensor #4			AI	°C	Temperature Sensor		25	25	25						New Sensor	
31	STS5	Space Temperature Sensor #5			AI	°C	Temperature Sensor		25	25	25						New Sensor	
NOTE 1: THE SHARED RESPONSIBILITIES SHOWN IN COLUMN 7 REFERS TO THE SUPPLY, INSTALLATION AND WIRING OF THE CONTROLLE d. DEVICE OR AUXILIARY SENSING DEVICE LISTED IN COLUMN 6.																		
NOTE 2: CR - CRITICAL; CA - CAUTIONARY; MA - MAINTNANCE; C/R - CLOSES ON RISE OF MEASURED VALUE; O/R - OPENS ON RISE OF MEASURED VALUE																		




Publics Works and Government Services Canada



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Canada



A000234

ISO 9001

240 Catherine St., Suite 110
Ottawa (Ontario) K2P 2G8
Telephone : (613) 860-2462
Fax : (613) 860-1870
www.cima.ca

Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

E	Issued for 100% review	2013-10-04
D	Issued for 99% review	2013-05-03
C	Issued for 66% review	2013-02-08
B	Issued for 33% review	2013-01-04
A	Issued for design development review	2012-11-02
revisions	description	date

A

C

A detail no.
no. du detail

A

B

C

B location drawing no.
sur dessin no.

A

B

C

C drawing no.
dessin no.

project

project

BUILDING AUTOMATION
SYSTEM
CONSOLIDATION

580 BOOTH, OTTAWA, ON

drawing

dessin

MECHANICAL
POINTS LIST PART 4

Designed By
CHRISTIAN WORKMAN
AUGUST 2012

Conçu par
AUGUST 2012
(yyyy/mm/dd)

Drawn By
HANI KARAM
AUGUST 2012

Dessiné par
AUGUST 2012
(yyyy/mm/dd)

Reviewed By
GREG SANTYR
SEPTEMBER 2012

Examiné par
SEPTEMBER 2012
(yyyy/mm/dd)

Approved By
DANIEL ROY
SEPTEMBER 2012

Approuvé par
SEPTEMBER 2012
(yyyy/mm/dd)

Tender
CORY CAMPBELL

Soumission

Project Manager

Administrateur de projets

Project no.
R.041796.002

No. du projet

Drawing no.

No. du dessin

M45 of 53