



- 1 REPLACE EXISTING VAV CONTROLLER AND EXISTING TEMPERATURE SENSOR WITH BTL LISTED VAV CONTROLLER AND BTL LISTED TEMPERATURE SENSOR. REPLACE EXISTING CONTROL WIRING FROM TEMPERATURE SENSOR TO VAV CONTROLLER AND FROM VAV CONTROLLER TO BUILDING CONTROLLER. REFER TO SCHEMATIC D1/M31x FOR DETAILS.
- 2 EXISTING RETURN AIR MOTORIZED DAMPER TO REMAIN. REPLACE WIRING TO CONTROLLER. REFER TO SCHEMATIC D1/M28 FOR DETAILS
- 3 EXISTING RETURN AIR FLOW METERING STATION TO REMAIN. REPLACE EXISTING CONTROL WIRING TO CONTROLLER. REFER TO SCHEMATIC D1/M28 FOR DETAILS.
- 4 PROVIDE AND INSTALL NEW BTL LISTED TEMPERATURE SENSOR AND WIRE IT TO TWO (2) CONTROL VALVES VIA CONTROLLER.
- 5 REPLACE EXISTING PNEUMATIC CONTROL VALVE WITH NEW CONTROL VALVE C/W ELECTRONIC ACTUATOR.
- 6 EXISTING TRANSFER FAN.
- 7 EXISTING 120/208V 3Ø 4W ELECTRICAL PANEL. PROVIDE ONE 15A-1P BREAKER AND CONNECT THE BAS CONTROL CIRCUIT
- 8 PROVIDE 15A/1/120V HARD WIRED ELECTRICAL OUTLET FOR BAS

1. INDUCTION UNITS SENSOR TO BE MOUNTED UNDER INDUCTION UNIT.
2. ONE CONTROLLER WILL CONTROL THE INDUCTION UNIT CONTROL VALVE AND THE VAV BOX WHERE INSTALLED CLOSE TO PERIMETER.

Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.		
E	Issued for 100% review	2013-
D	Issued for 99% review	2013-
C	Issued for 66% review	2013-
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project

BUILDING AUTOMATION
SYSTEM
CONSOLIDATION

580 BOOTH, OTTAWA, ON

drawing

des

TWENTIETH FLOOR
PLAN - CONTROLS

Designed By	CHRISTIAN WORKMAN	Conçu par
Date	AUGUST 2012	(yyyy/mm/yy)
Drawn By	HANI KARAM	Dessiné par
Date	AUGUST 2012	(yyyy/mm/yy)
Reviewed By	GREG SANTYR	Examiné par
Date	SEPTEMBER 2012	(yyyy/mm/yy)
Approved By	DANIEL ROY	Approuvé par
Date	SEPTEMBER 2012	(yyyy/mm/yy)
Tender	CORY CAMPBELL	Soumissionnaire

Project Manager	Administrateur de projet
Project no.	No. du projet
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M22 of 53	