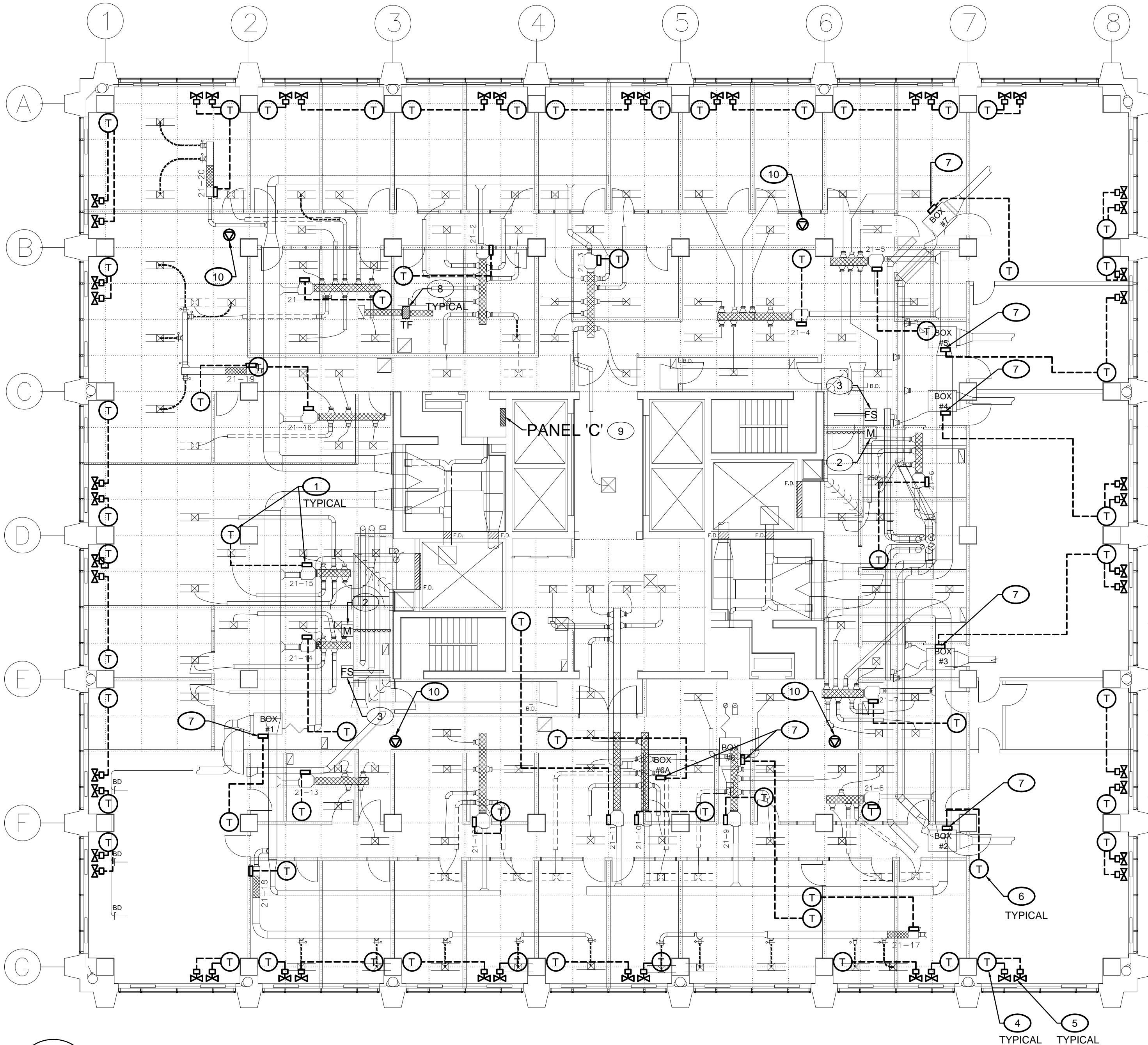


Drawing name: K:\A\A000234 580 Booth Controls\400\440\A000234-M23 21F.dwg Oct 01, 2013 - 11:00am



### DRAWING NOTES:

- 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/M31 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 REPLACE EXISTING AHU-21 TEMPERATURE SENSOR WITH BTL LISTED TEMPERATURE SENSOR. REPLACE EXISTING CONTROL WIRING FROM TEMPERATURE SENSOR TO VAV CONTROLLER.
- 7 REPLACE EXISTING AHU-21 VAV CONTROLLER WITH BTL LISTED VAV CONTROLLER. REPLACE EXISTING CONTROL WIRING FROM VAV CONTROLLER TO BUILDING CONTROLLER.
- 8 EXISTING TRANSFER FAN.
- 9 EXISTING 120/208V 3Ø 4W ELECTRICAL PANEL. PROVIDE ONE 15A-1P BREAKER AND CONNECT THE BAS CONTROL CIRCUIT
- 10 PROVIDE 15A/1/120V HARD WIRED ELECTRICAL OUTLET FOR BAS

### GENERAL NOTES:

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.

revisions	description	date
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

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project

### BUILDING AUTOMATION SYSTEM CONSOLIDATION

580 BOOTH, OTTAWA, ON

drawing

### TWENTY FIRST FLOOR PLAN - CONTROLS

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

Project Manager

Administrateur de projets

Project no.

No. du projet

R.041796.002

Drawing no.

No. du dessin

M23 of 53

### TWENTY FIRST FLOOR PLAN - CONTROLS

SCALE 1:125

1

M23