

# 6TH FLOOR 15 EDDY MECHANICAL SERVICES LES TERRASSES DE LA CHAUDIERE

15 EDDY ST, GATINEAU, QUEBEC

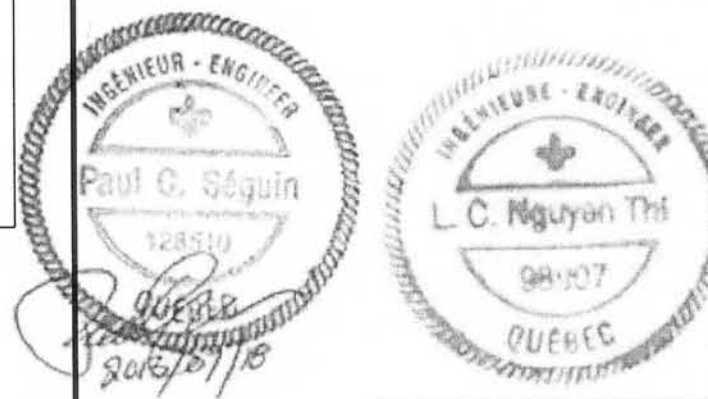


Public Works and  
Government Services  
Canada

Travaux publics et services  
gouvernementaux  
Canada

Canada

Public Works and  
Government Services  
Canada  
Real Property  
Branch  
Travaux publics et  
services gouvernementaux  
Canada  
Direction générale  
des biens immobiliers



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

PIPING		
SYMBOL	DESCRIPTION	
CHWS	CHILLED WATER SUPPLY	
CHWR	CHILLED WATER RETURN	
C	CONDENSATE DRAIN	
	EXISTING SERVICE TO BE REMOVED	
PIPE DROP	PIPE DROP	
PIPE RISER	PIPE RISER	
STRAINER	STRAINER	
GATE VALVE	GATE VALVE	
GLOBE VALVE	GLOBE VALVE	
PLUG VALVE	PLUG VALVE	
CHECK VALVE	CHECK VALVE	
PRESSURE REDUCING VALVE	PRESSURE REDUCING VALVE	
BUTTERFLY VALVE	BUTTERFLY VALVE	
BALL VALVE	BALL VALVE	
2-WAY MODULATING CONTROL VALVE (PNEUMATIC)	2-WAY MODULATING CONTROL VALVE (PNEUMATIC)	
3-WAY MODULATING CONTROL VALVE (PNEUMATIC)	3-WAY MODULATING CONTROL VALVE (PNEUMATIC)	
BACK FLOW PREVENTER	BACK FLOW PREVENTER	
SOLENOID VALVE	SOLENOID VALVE	
FLOOR DRAIN	FLOOR DRAIN	
FUNNEL FLOOR DRAIN	FUNNEL FLOOR DRAIN	
HUB DRAIN	HUB DRAIN	
END CAP	END CAP	
REDUCER	REDUCER	
UNION	UNION	
RUNNING TRAP	RUNNING TRAP	
PRESSURE GAUGE	PRESSURE GAUGE	
THERMOMETER	THERMOMETER	
CIRCUIT BALANCING VALVE	CIRCUIT BALANCING VALVE	
PIPE ANCHOR	PIPE ANCHOR	
PIPE LINE GUIDE	PIPE LINE GUIDE	
EXPANSION JOINT	EXPANSION JOINT	
EXPANSION LOOP	EXPANSION LOOP	
FLEXIBLE CONNECTION	FLEXIBLE CONNECTION	

HVAC				
SYMBOL	DESCRIPTION			
SUPPLY AIR DUCT	SUPPLY AIR DUCT			
RETURN AIR DUCT	RETURN AIR DUCT			
ROUND SUPPLY AIR DUCT	ROUND SUPPLY AIR DUCT			
ROUND RETURN AIR DUCT	ROUND RETURN AIR DUCT			
SUPPLY AIR DUCT	SUPPLY AIR DUCT			
FLEXIBLE DUCT	FLEXIBLE DUCT			
CAPPED DUCT	CAPPED DUCT			
REDUCER	REDUCER			
ACOUSTIC LINING	ACOUSTIC LINING			
EXISTING AIR VALVE	EXISTING AIR VALVE			
EXISTING AIR VALVE W/REHEAT	EXISTING AIR VALVE W/REHEAT			
VAV W/ ATTENUATOR	VAV W/ ATTENUATOR			
VAV W/ ATTENUATOR REHEAT	VAV W/ ATTENUATOR REHEAT			
LINEAR DIFFUSER	LINEAR DIFFUSER			
RETURN SLOT IN T-BAR CEILING	RETURN SLOT IN T-BAR CEILING			
BALANCING DAMPER	BALANCING DAMPER			
MOTORIZED DAMPER (PNEUMATIC)	MOTORIZED DAMPER (PNEUMATIC)			
FIRE DAMPER (CURTAIN TYPE)	FIRE DAMPER (CURTAIN TYPE)			
Volume (L/s) x No. of Diffusers Neck Size (mm) Type (A, B, C,...)	DIFFUSER TYPE	Volume (L/s) x No. of Diffusers Neck Size (mm) Type (A, B, C,...)		
Equipment Type Equipment No.	EQUIPMENT TAG	Equipment Type Equipment No.		

CONTROLS		
SYMBOL	DESCRIPTION	
TEMPERATURE SENSOR (BAS)	TEMPERATURE SENSOR (BAS)	
CARBON DIOXIDE SENSOR	CARBON DIOXIDE SENSOR	
CONTROL WIRING / TUBING	CONTROL WIRING / TUBING	
THERMOSTAT (PNEUMATIC) IN CEILING - COOLING	THERMOSTAT (PNEUMATIC) IN CEILING - COOLING	
THERMOSTAT (PNEUMATIC) IN CEILING - HEATING	THERMOSTAT (PNEUMATIC) IN CEILING - HEATING	
THERMOSTAT (ELECTRIC)	THERMOSTAT (ELECTRIC)	

FIRE PROTECTION		
SYMBOL	DESCRIPTION	
SPRINKLER MAIN LINE	SPRINKLER MAIN LINE	
SPRINKLER HEAD UPRIGHT	SPRINKLER HEAD UPRIGHT	
SPRINKLER HEAD PENDANT	SPRINKLER HEAD PENDANT	
CONCEALED SPRINKLER HEAD	CONCEALED SPRINKLER HEAD	
FIRE HOSE CABINET	FIRE HOSE CABINET	
SIDE WALL SPRINKLER HEAD	SIDE WALL SPRINKLER HEAD	
SUPERVISED VALVE	SUPERVISED VALVE	
FLOW SWITCH	FLOW SWITCH	

COMMON ABBREVIATION		
SYMBOL	DESCRIPTION	
AFF	ABOVE FINISHED FLOOR	
TYP	TYPICAL	
EF	EXHAUST FAN	
L/S	LITRES PER SECOND	
FFL	FINISHED FLOOR LEVEL	
DCW	DOMESTIC COLD WATER	
DHW	DOMESTIC HOT WATER	
DHWR	DOMESTIC HOT WATER RECIRC	
NPS	NOMINAL PIPE SIZE	
N.I.C	NOT IN CONTRACT	
N.C	NORMALLY CLOSED	
N.O.	NORMALLY OPEN	
TBD	TO BE DETERMINED	
FFD	FUNNEL FLOOR DRAIN	
FD	FLOOR DRAIN	
FC	FAN COIL	
RELOCATE	RELOCATE	
EAT	ENTERING AIR TEMPERATURE	
LAT	LEAVING AIR TEMPERATURE	
EWI	ENTERING WATER TEMPERATURE	
LWT	LEAVING WATER TEMPERATURE	
R/A	RETURN AIR	
S/A	SUPPLY AIR	
T/A	TRANSFER AIR	

## DRAWING NOTES - GENERAL

- Contractor to remove and reinstall electrical light fixtures where required to allow mechanical installation. Coordinate with Division 26.
- Contractor to clip existing loose BX to underside of slab to avoid contact with new equipment and services.
- Piping and ductwork to be as high as possible, all locations.
- Existing VAV box pneumatic thermostats are located in a ceiling return air slot. Relocated pneumatic thermostats are to follow this convention.
- All piping and ductwork in mechanical rooms to be installed as high as possible.
- All supply air ducts to be insulated unless acoustically lined.

DRAWING LIST		
DRAWING NO.	TITLE	
M-1	Mechanical Drawing List & Legend	
M-2	Mechanical Key Plan, Piping Mains & Duct Mains	
M-3	Mechanical Key Plan, Piping Mains & Duct Mains	
M-4	Mechanical HVAC Part Plans	
M-5	Mechanical HVAC Part Plans	
M-6	Mechanical HVAC Part Plans	
M-7	Mechanical Details	
M-8	Mechanical Schedules & Details	

revisions	description	date
A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

project

6TH FLOOR EDDY  
MECHANICAL SERVICES

15 EDDY STREET  
GATINEAU, QC

drawing

MECHANICAL  
DRAWING LIST &  
LEGEND

Designed By

P. SEGUIN

Conçu par

Date

(2013/03/31)

Drawn By

G. HEBB

Dessiné par

Date

(2013/03/31)

Reviewed By

P. SEGUIN

Examiné par

Date

(2013/07/18)

Approved By

LAN CHI NGUYEN WEEKES

Approuvé par

Date

(2013/07/18)

Tender

Soumission

Project Manager

Administrateur de projets

Project no.

No. du projet

R.059180.005

Drawing no.

No. du dessin

M-1