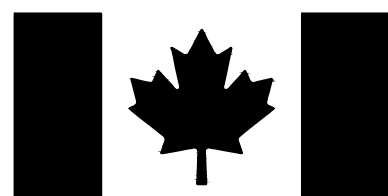


# 6TH FLOOR 15 EDDY MECHANICAL SERVICES LES TERRASSES DE LA CHAUDIERE

15 EDDY ST, GATINEAU, QUEBEC



Public Works and  
Government Services  
Canada

Travaux publics et services  
gouvernementaux  
Canada

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

HVAC				
SYMBOL	DESCRIPTION			
—+—+—+—	SUPPLY AIR DUCT			
—+—+—+—	RETURN AIR DUCT			
—+—+—+—	ROUND SUPPLY AIR DUCT			
—+—+—+—	ROUND RETURN AIR DUCT			
—+—+—+—	SUPPLY AIR DUCT			
—+—+—+—	FLEXIBLE DUCT			
—+—+—+—	CAPPED DUCT			
—+—+—+—	REDUCER			
—+—+—+—	ACOUSTIC LINING			
—+—+—+—	EXISTING AIR VALVE			
—+—+—+—	EXISTING AIR VALVE W/REHEAT			
—+—+—+—	VAV W/ ATTENUATOR			
—+—+—+—	VAV W/ ATTENUATOR REHEAT			
—+—+—+—	LINEAR DIFFUSER			
—+—+—+—	RETURN SLOT IN T-BAR CEILING			
—+—+—+—	BALANCING DAMPER			
—+—+—+—	MOTORIZED DAMPER (PNEUMATIC)			
—+—+—+—	FIRE DAMPER (CURTAIN TYPE)			
—+—+—+—	DIFFUSER TYPE			
—+—+—+—	EQUIPMENT TAG			

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

FIRE PROTECTION		
SYMBOL	DESCRIPTION	
—+—+—+—	SPRINKLER MAIN LINE	
—+—+—+—	SPRINKLER HEAD UPRIGHT	
—+—+—+—	SPRINKLER HEAD PENDANT	
—+—+—+—	CONCEALED SPRINKLER HEAD	
—+—+—+—	FIRE HOSE CABINET	
—+—+—+—	SIDE WALL SPRINKLER HEAD	
—+—+—+—	SUPERVISED VALVE	
—+—+—+—	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	
R	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.

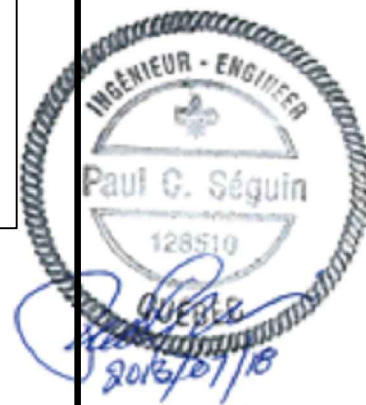
DRAWING LIST		
DRAWING NO.	TITLE	
M-1	Mechanical Drawing List & Legend	
M-2	Mechanical Key Plan, Piping Mains & Duct Mains	
M-3	Mechanical Key Plan, Piping Mains & Duct Mains	
M-4	Mechanical HVAC Part Plans	
M-5	Mechanical HVAC Part Plans	
M-6	Mechanical HVAC Part Plans	
M-7	Mechanical Details	
M-8	Mechanical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

Canada



Public Works and  
Government Services  
Canada  
Real Property  
Branch

Travaux publics et  
services gouvernementaux  
Canada  
Où s'agit-il de  
des biens immobiliers



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


revisions	description	date
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A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	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 07/08/18

Date (2013/03/31)

Drawn By G. HEBB 07/08/18

Date (2013/03/31)

Reviewed By P. SEGUIN 07/08/18

Date (2013/07/18)

Approved By LAN CHI NGUYEN WEEKES 07/08/18

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