6TH FLOOR 15 EDDY MECHANICAL SERVICES
LES TERASSES 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	
CV	2-WAY MODULATING CONTROL VALVE (PNEUMATIC)	
CV	3-WAY MODULATING CONTROL VALVE (PNEUMATIC)	
BFP	BACK FLOW PREVENTER	
	SOLENOID VALVE	
FD	FLOOR DRAIN	
FFD	FUNNEL FLOOR DRAIN	
HD	HUB DRAIN	
CAP	END CAP	
	REDUCER	
	UNION	
CO	RUNNING TRAP	
PG	PRESSURE GAUGE	
	THERMOMETER	
CBV	CIRCUIT BALANCING VALVE	
	PIPE ANCHOR	
	PIPE LINE GUIDE	
EJ	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	
XX	EXISTING AIR VALVE	
XX	EXISTING AIR VALVE W/REHEAT	
	VAV W/ ATTENUATOR	
	VAV W/ ATTENUATOR REHEAT	
	LINEAR DIFFUSER	
R	RETURN SLOT IN T-BAR CEILING	
	BALANCING DAMPER	
M.D.	MOTORIZED DAMPER (PNEUMATIC)	
FD	FIRE DAMPER (CURTAIN TYPE)	
X XXX XX — Volume (L/s), x No. of Diffusers, Neck Size (mm), Type (A, B, C...)	DIFFUSER TYPE	X XXX XX — Volume (L/s), x No. of Diffusers, Neck Size (mm), Type (A, B, C...)
XXX XX — Equipment Type, Equipment No.	EQUIPMENT TAG	XXX XX — Equipment Type, Equipment No.

CONTROLS

SYMBOL	DESCRIPTION	
T	TEMPERATURE SENSOR (BAS)	
CO2	CARBON DIOXIDE SENSOR	
	CONTROL WIRING / TUBING	
T1	THERMOSTAT (PNEUMATIC) IN CEILING – COOLING	
T2	THERMOSTAT (PNEUMATIC) IN CEILING – HEATING	
T3	THERMOSTAT (ELECTRIC)	

FIRE PROTECTION

SYMBOL	DESCRIPTION	
SP	SPRINKLER MAIN LINE	
	SPRINKLER HEAD UPRIGHT	
	SPRINKLER HEAD PENDANT	
	CONCEALED SPRINKLER HEAD	
FHC-1	FIRE HOSE CABINET	
	SIDE WALL SPRINKLER HEAD	
SV	SUPERVISED VALVE	
FS	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	
EWT	ENTERING WATER TEMPERATURE	
LWT	LEAVING WATER TEMPERATURE	
R/A	RETURN AIR	
S/A	SUPPLY AIR	
T/A	TRANSFER AIR	

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	

DRAWING NOTES - GENERAL

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

Canada

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Real Property Branch | Direction g®n®rale des biens immobiliers

INGÉNIEUR · ENGINEER — Paul C. Séguin — 128519 — QUÉBEC — 2013/07/18

INGÉNIEURE · ENGINEER — L.C. Nguyen Thi — 98907 — QUÉBEC

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

revisions	description	date

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

project / projet

6TH FLOOR EDDY MECHANICAL SERVICES

15 EDDY STREET
GATINEAU, QC

drawing / dessin

MECHANICAL DRAWING LIST & LEGEND

Designed By	P. SEGUIN	Con-u par
Date		(2013/03/31)
Drawn By	G. HEBB	Dessin®par
Date		(2013/03/31)
Reviewed By	P. SEGUIN	Examin®par
Date		(2013/07/18)
Approved By	LAN CHI NGUYEN WEEKES	Approuv®par
Date		(2013/07/18)
Tender		Soumission
Project Manager		Administrateur de projets
Project no.	R.059180.005	No. du projet
Drawing no.	M-1	No. du dessin