

# 555/601/615 BOOTH ST. STANDALONE HEATING PLANT

## MECHANICAL



National Centre of Expertise  
Architectural and Engineering Services  
Real Property Services Branch

Centre d'expertise national  
Services d'architecture et génie  
Direction générale des services immobiliers



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KEY PLAN  
PLAN-REPÈRE

05	ISSUED FOR TENDER	2014/12/10
04	ISSUED FOR REVIEW	2014/10/09
03	ISSUED FOR 99% REVIEW	2014/07/14
02	ISSUED FOR 66% REVIEW	2014/05/30
01	ISSUED FOR 33% REVIEW	2014/02/28

revision	date
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A	A detail no. no. du détail	A
C	B location drawing no. no. de localisation	BC
	C drawing no. no. du dessin	

project project

555/601/615 BOOTH  
STAND ALONE  
HEATING PLANT

drawing dessin

MECHANICAL  
DRAWING LIST, LEGENDS  
& AREA PLAN

designed conçu

date 2014/01/22

drawn dessiné

date 2014/01/22

revised révisé

date 2014/01/22

approved approuvé

date 2014/01/22

tender soumission

PWC Project Manager C.CAMPBELL Administrateur de projets TPC

project no. no. du projet

R.060128.002

drawing no. no. du dessin

M001

DRAWING LIST	
SYMBOL	DESCRIPTION
M001	MECHANICAL DRAWING LIST, LEGEND & AREA PLAN
M002	MECHANICAL SCHEDULES & DETAILS
M101	555 BOOTH - BASEMENT FLOOR - MECHANICAL WORK
M102	555 BOOTH - FIRST FLOOR - MECHANICAL WORK
M103	555 BOOTH - ELEVATIONS - VENT ROUTING
M201	601 BOOTH - BASEMENT FLOOR - MECHANICAL WORK
M202	601 BOOTH - BASEMENT FLOOR - PART PLAN - MECHANICAL WORK
M203	601 BOOTH - GROUND FLOOR - MECHANICAL WORK
M204	601 BOOTH - ELEVATIONS - VENT ROUTING
M301	615 BOOTH - BASEMENT FLOOR - MECHANICAL WORK
M302	615 BOOTH - BASEMENT & GROUND FLOOR - MECHANICAL WORK

GENERAL LEGEND	
SYMBOL	DESCRIPTION
————	EXISTING PIPING/DUCTWORK/EQUIPMENT
-----	EXISTING PIPING/DUCTWORK/EQUIPMENT TO BE REMOVED/RELOCATED
————	NEW/RELOCATED PIPING/DUCTWORK/EQUIPMENT
(E)	DENOTES EXISTING EQUIPMENT
(R)	DENOTES RELOCATED EQUIPMENT
(N)	DENOTES NEW EQUIPMENT
(X)	DENOTES EQUIPMENT TO BE REMOVED

EQUIPMENT LIST LEGEND	
SYMBOL	DESCRIPTION
B	BOILER
BP	BOILER CIRCULATING PUMP
P	SYSTEM PUMP
ET	EXPANSION TANK
DHWT	DOMESTIC HOT WATER TANK
BFP	BACKFLOW PREVENTER
CP	CONDENSATE PUMP

MECHANICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
— — — —	PIPING BELOW GRADE/SLAB	— — — —	REDUCER
— DCW —	DOMESTIC COLD WATER PIPING	— — — —	EXPANSION JOINT
— COND —	CONDENSATE DRAIN PIPING	— — — —	CAP
— P.COND —	PUMPED CONDENSATE PIPING	— — — —	ISOLATION VALVES
— HPC —	HIGH PRESSURE CONDENSATE PIPING	— — — —	CIRCUIT BALANCING VALVE (CBV)
— LPC —	LOW PRESSURE CONDENSATE PIPING	— — — —	STRAINER
— HPS —	HIGH PRESSURE STEAM PIPING (725-895KPA)	— — — —	CHECK VALVE
— MPS —	MEDIUM PRESSURE STEAM PIPING (105-205KPA)	— — — —	UNION
— LPS —	LOW PRESSURE STEAM PIPING (>105KPA)	— — — —	SAFETY RELIEF VALVES (SRV)
— SCW —	SOFTENED COLD WATER	— — — —	PRESSURE REDUCING VALVE (PRV)
— — — —	THERMOMETER	— — — —	DRAIN VALVE C/W CAP & CHAIN
— — — —	PRESSURE GAUGE C/W VALVE	— — — —	PUMP (P)
— — — —	AUTOMATIC AIR VENT C/W VALVE	— — — —	HEAT TRACE PIPING
— — — —	PIPING OFFSET	— — — —	HEAT TRACE CONTROLLER
— — — —	BRANCH PIPING DOWN	— — — —	REGULATOR
— — — —	PIPING DOWN	— — — —	METER
— — — —	PIPING UP	— — — —	STEAM TRAP
— — — —	FLOOR DRAIN (TYPE)	— — — —	BASE MOUNTED PUMP
— — — —	POLISHER	— — — —	DUPLEX WATER SOFTENER
— — — —	FLEXIBLE CONNECTION		

