

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



KEY PLAN
PLAN-REPÈRE

revision	description	date
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

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

project 555/601/615 BOOTH
STAND ALONE
HEATING PLANT

MECHANICAL
DRAWING LIST, LEGENDS
& AREA PLAN

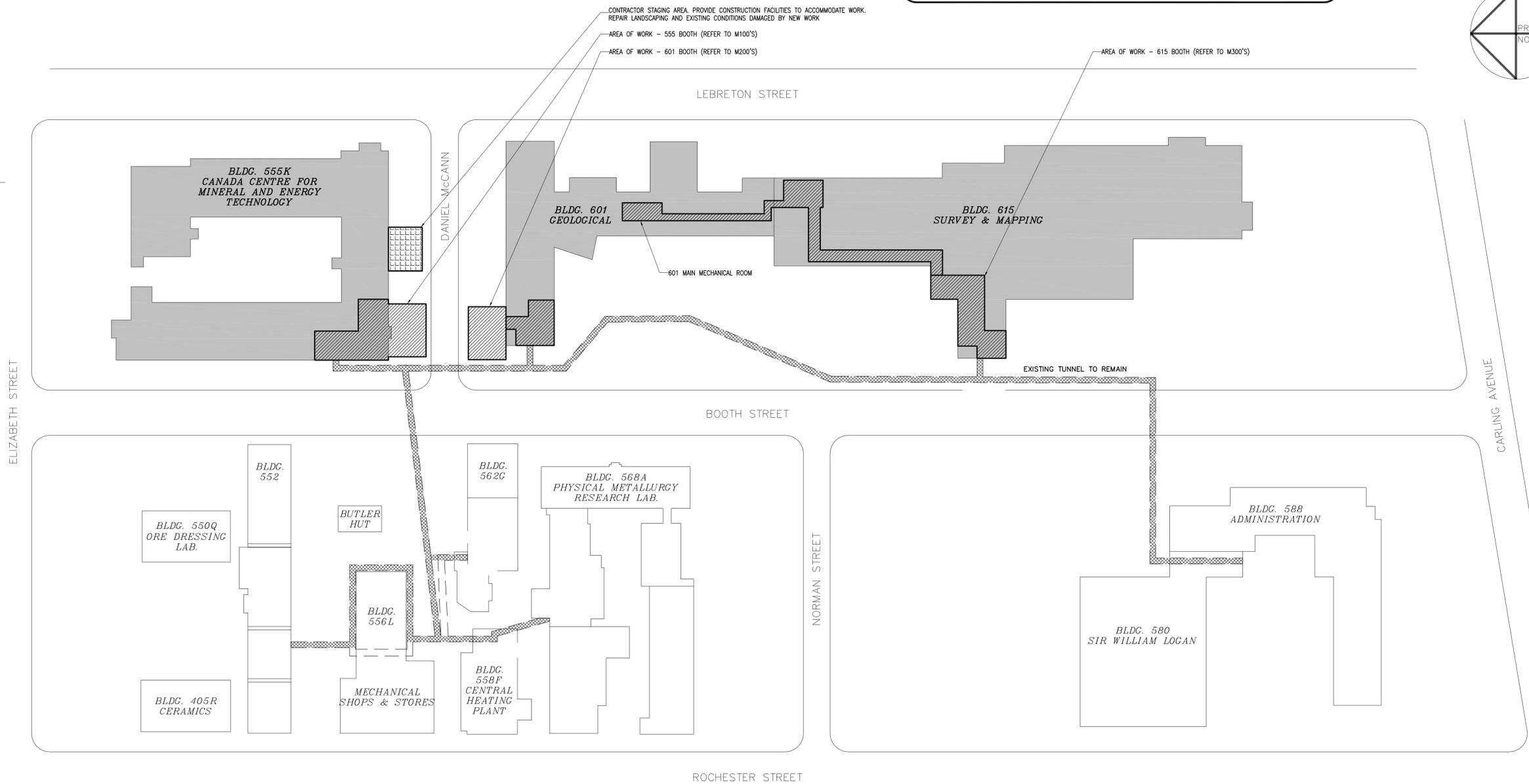
designed	R. LEONARD	conçu
date	2014/01/22	
drawn	S. VALLIER	dessiné
date	2014/01/22	
revised	R. LEONARD	révisé
date	2014/01/22	
approved	R. LEONARD	approuvé
date	2014/01/22	
tender	C. CAMPBELL	soumission
PWC Project Manager	Administrateur de projets TPC	
project no.	R.060128.002	no. du projet
drawing no.	M001	no. du dessin

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
FD1	FLOOR DRAIN (TYPE)	---	BASE MOUNTED PUMP
---	POLISHER	---	DUPLEX WATER SOFTENER
---	FLEXIBLE CONNECTION		



CONTRACTOR STAGING AREA. PROVIDE CONSTRUCTION FACILITIES TO ACCOMMODATE WORK.
REPAIR LANDSCAPING AND EXISTING CONDITIONS DAMAGED BY NEW WORK

AREA OF WORK - 555 BOOTH (REFER TO M100'S)

AREA OF WORK - 601 BOOTH (REFER TO M200'S)

AREA OF WORK - 615 BOOTH (REFER TO M300'S)