



NOV 30 2017

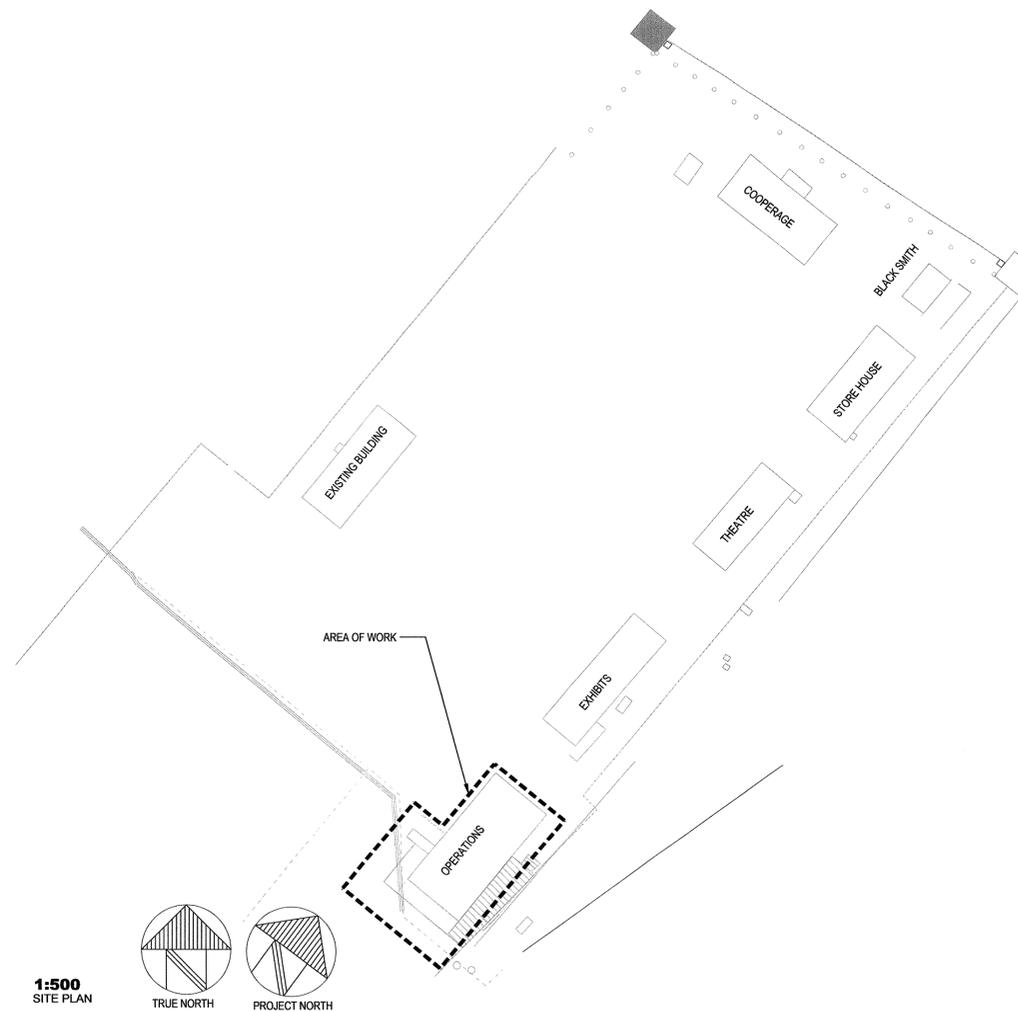
HVAC LEGEND		HVAC LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EX DUCTWORK		THERMOMETER WELL
	DUCTWORK		GLOBE VALVE
	EX FLEXIBLE DUCTWORK		ANGLE GLOBE VALVE
	FLEXIBLE DUCTWORK		STRAINER
	SUPPLY DUCT RISER/SECTION		FLOW MEASUREMENT VALVE
	RETURN/EXHAUST DUCT RISER/SECTION		GATE VALVE
	OUTDOOR AIR DUCT RISER/SECTION		PRESSURE SWITCH
	DUCTWORK CW 50mm THERMAL INSULATION		UNION
	DUCTWORK CW 25mm ACOUSTIC INSULATION		CALIBRATED BALANCE VALVE
	DUCTWORK CW 50mm ACOUSTIC INSULATION		CHECK VALVE
	FLEXIBLE DUCT CONNECTOR		PETE'S PLUG
	DUCT RISE		GAUGE COCK/HOSE BIBB
	DUCT DROP		VACUUM GAUGE
	ROUND DUCT RISER		PIPE ANCHOR
	ROUND DUCT DROP		ECCENTRIC REDUCER
	TRANSFER AIR OPENING		PIPE FLANGE
	REHEAT COIL		BALANCING VALVE
	SUPPLY AIRFLOW DIRECTION		AUTOMATIC CONTROL VALVE
	RETURN/EXHAUST AIRFLOW DIRECTION		FLOW METER
	AIRFLOW DIRECTION		EXPANSION JOINTS & GUIDES
	SMOKE DAMPER		CONCENTRIC REDUCER
	BACKDRAFT DAMPER		PIPE CAP
	COMBINED FIRE & SMOKE DAMPER		SOLENOID VALVE
	VOLUME DAMPER		AIR FLOW SENSOR
	FIRE DAMPER IN VERTICAL SEPERATION		2-WAY CONTROL VALVE (2 POSITION)
	FIRE DAMPER IN HORIZONTAL SEPERATION		3-WAY CONTROL VALVE (2 POSITION)
	MOTORIZED DAMPER (2 POSITION - OPEN/CLOSE)		EXISTING DOOR GRILLE
	MOTORIZED DAMPER (MODULATING)		DOOR GRILLE (SIZE AS SCHEDULED)
	TRIDICTATOR-DUAL P/T GAUGE		INDIRECT DRAIN
	MANUAL WALL SWITCH		EX CHILLED WATER SUPPLY
	MOTION DETECTOR		CHILLED WATER SUPPLY
	CARBON MONOXIDE SENSOR		EX CHILLED WATER RETURN
	THERMOSTAT		CHILLED WATER RETURN
	HUMIDISTAT		GAS PIPING
	PRESSURE SENSOR		REFRIGERANT SUCTION LINE
	CARBON DIOXIDE SENSOR		REFRIGERANT LIQUID LINE
	SMOKE DETECTOR (BY ELECTRICAL DIVISION)		EX HOT WATER SUPPLY
	PUMP		HOT WATER SUPPLY
	AUTOMATIC FLOW LIMITING VALVE		EX HOT WATER RETURN
	FLOW SWITCH		HOT WATER RETURN
	DRAIN		HOT WATER RETURN
	PRESSURE REDUCING VALVE		CONDENSATE DRAIN LINE
	PRESSURE GAUGE		EQUIPMENT TAG
	THERMOMETER		POINT OF DISCONNECTION
			POINT OF CONNECTION
			AIR DISTRIBUTION TAG
			ADJUSTABLE VOLUME EXTRACTOR
			HUMIDIFIER DISTRIBUTION MANIFOLD

DRAWING LIST

M-01	COVER PAGE, DRAWING LIST, LEGEND, & ABBREVIATIONS
M-02	OPERATIONS BUILDING - PARTIAL FLOORPLANS FOR BASEMENT, GROUND FLOOR, AND SECOND FLOOR - DEMOLITION - HVAC
M-03	OPERATIONS BUILDING - PARTIAL GROUND FLOOR AND SECOND FLOOR - NEW CONSTRUCTION - HVAC
M-04	BUILDING SECTION AND MECHANICAL DETAILS
P-01	DETAILS, LEGEND, & ABBREVIATIONS
P-02	OPERATIONS BUILDING - PARTIAL FLOORPLANS FOR BASEMENT AND GROUND FLOOR - DEMOLITION - PLUMBING
P-03	OPERATIONS BUILDING - PARTIAL FLOORPLANS FOR BASEMENT AND GROUND FLOOR - RENOVATION - PLUMBING
F-01	SITE PLAN, LEGEND, & ABBREVIATIONS
F-02	EXISTING FLOOR PLANS - FIRE PROTECTION
F-03	PARTIAL GROUND FLOOR PLAN - FIRE PROTECTION

GENERAL MECHANICAL NOTES

M1.01	CONTRACTOR TO REBALANCE EX. SUPPLY AIR DUCTWORK SERVING BASEMENT AND GROUND FLOOR FROM GAS FIRED FURNACE. RECORD DRAWINGS WILL BE AVAILABLE FOR SUCCESSFUL BIDDER. APPROXIMATELY 15 TERMINAL UNITS.
M1.02	ALL BELT DRIVE FANS TO BE PROVIDED WITH 2 SPARE BELTS.



ABBREVIATIONS		ABBREVIATIONS		ABBREVIATIONS	
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
AC	AIR CONDITIONING UNIT	EA, E/A	EXHAUST AIR	P.D.	PRESSURE DROP
AFF	ABOVE FINISHED FLOOR	EBH	ELECTRIC BASEBOARD HEATER	PICV	PRESSURE INDEPENDENT CONTROL VALVE
AHJ	AUTHORITY HAVING JURISDICTION	EF	EXHAUST FAN	PRV	PRESSURE REDUCING VALVE
AHU	AIR HANDLING UNIT	ELEV.	ELEVATION	RA, R/A	RETURN AIR
AL	ALUMINUM	ERV	ENERGY RECOVERY VENTILATOR	RE & RE	REMOVE AND REINSTALL
ASD	ADJUSTABLE SPEED DRIVE (VFD)	ESP	EXTERNAL STATIC PRESSURE	RE & REL	REMOVE AND RELOCATE
AV	AIR VALVE (AIR TERMINAL UNIT)	FC	FAN COIL UNIT	RE & REP	REMOVE AND REPLACE
B	BOILER	FD	FIRE DAMPER	REL/A	RELIEF AIR
BDD	BACKDRAFT DAMPER	FEF	FUME EXHAUST FAN	RF	RETURN FAN
BHP	BRAKE HORSEPOWER	FLA	FREE LOAD AMPS	RPBF	REDUCED PRESSURE BACKFLOW PREVENTER
BLDG	BUILDING	HC	HEATING COIL	SA, S/A	SUPPLY AIR
BMS	BUILDING MANAGEMENT SYSTEM	HEX	HEAT EXCHANGER	SF	SUPPLY FAN
CAV	CONSTANT AIR VOLUME	HRV	HEAT RECOVERY VENTILATOR	SPEC.	SPECIFICATION
CC	COOLING COIL	HV	HEATING AND VENTILATION UNIT	SS	STAINLESS STEEL
CH	CHILLER	HWS/R	HOT WATER SUPPLY/RETURN	TSP	TOTAL STATIC PRESSURE
CHWS/R	CHILLED WATER SUPPLY/RETURN	MCA	MINIMUM CURRENT AMPS	TYP.	TYPICAL
CON	CONVECTOR	MCC	MOTOR CONTROL CENTRE	U/G	UNDERGROUND
CONC.	CONCRETE	MOC	MAX. OVER-CURRENT PROTECTION	UH	UNIT HEATER
CU	CONDENSING UNIT	MUA	MAKE-UP AIR UNIT	UON	UNLESS OTHERWISE NOTED
CUH	CABINET UNIT HEATER	NC	NOISE CRITERIA	UV	UNIT VENTILATOR
CV	CONSTANT VOLUME	NIC	NOT IN CONTRACT	UTR	UP THROUGH ROOF
DDC	DIRECT DIGITAL CONTROL	N.C.	NORMALLY CLOSED	VAV	VARIABLE AIR VOLUME
DIA.	DIAMETER	N.O.	NORMALLY OPEN	VD	VOLUME DAMPER
DN	DOWN	OA, O/A	OUTDOOR AIR	VFD	VARIABLE FREQUENCY DRIVE
DPS	DIFFERENTIAL PRESSURE SENSOR	O.C.	ON CENTRE	WF	WALL FIN
DWG	DRAWING	OPNG	OPENING	WSHP	WATER SOURCE HEAT PUMP
DX	DIRECT EXPANSION	P	PUMP		

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1	ISSUED FOR 90% CD REVIEW	2017-11-22
0	ISSUED FOR DD	20170803
Revision/	Description/Description	Date/Date
Client/client		

PARKS CANADA

Project title/Titre du projet
**23433 Mavis Avenue
Fort Langley, British Columbia**

**FORT LANGLEY
NATIONAL HISTORIC PARK
KITCHEN UPGRADE**

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Drawing title/Titre du dessin

**COVER PAGE, DRAWING LIST,
LEGEND, & ABBREVIATIONS**

Project No./No. du projet R.081108.001	Sheet/Fauille M-01	Revision no./La Révision no. 2
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