

MECHANICAL DRAWING LIST:	
M001	MECHANICAL SITE PLAN & LEGENDS
M101	MECHANICAL PLANS: DEMOLITION
M102	MECHANICAL PLANS: CRAWLSPACE & UNDER STAGE VENTILATION
M103	MECHANICAL PLANS: MAIN FLOOR, MEZZANINE & SECOND FLOOR VENTILATION & PLUMBING
M104	MECHANICAL PLANS: ATTIC VENTILATION
M105	MECHANICAL PLANS: CRAWLSPACE PLUMBING
M201	FIRE PROTECTION PLANS: UNDERSTAGE & CRAWLSPACE AND FIRE PROTECTION SYSTEM DETAILS
M202	FIRE PROTECTION PLANS: MAIN FLOOR & MEZZANINE FLOOR
M203	FIRE PROTECTION PLANS: SECOND FLOOR & ATTIC SPACE
M204	FIRE PROTECTION PLANS: SELECTED PHOTOGRAPHS
M401	MECHANICAL ROOM PLANS
M501	MECHANICAL DETAILS
M601	MECHANICAL SCHEMATICS: FUEL OIL & WATER SERVICE
M602	MECHANICAL SCHEMATICS: CONTROLS
M701	MECHANICAL SCHEDULES

PIPING IDENTIFICATION AND SYMBOLS

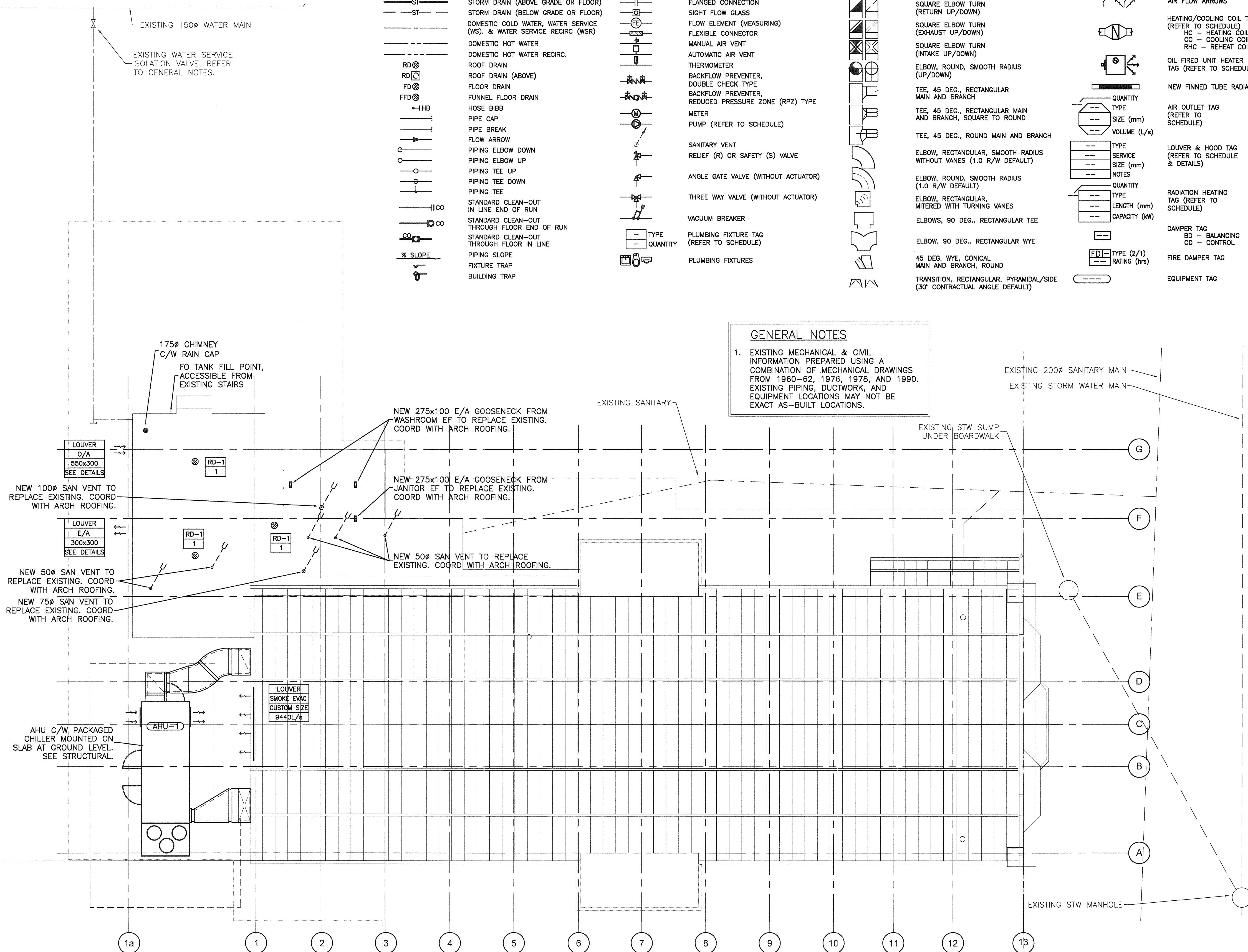
CA	COMPRESSED AIR	Gate Valve
FOS	FUEL OIL SUCTION	GLOBE VALVE
FOR	FUEL OIL RETURN	PRESSURE REDUCING VALVE
FOV	FUEL OIL VENT	SWING GATE CHECK VALVE
GLS	GLYCOL SUPPLY	BALL VALVE
GLR	GLYCOL RETURN	BALANCING VALVE
HWS	HOT WATER HEATING SUPPLY	PETES PLUG
HWR	HOT WATER HEATING RETURN	CONCENTRIC REDUCER
RL	REFRIGERANT LIQUID	ECCENTRIC REDUCER
RG	REFRIGERANT HOT GAS	Y STRAINER
SAN	SANITARY DRAIN (ABOVE GRADE OR FLOOR)	THERMOMETER WELL
SAN	SANITARY DRAIN (BELOW GRADE OR FLOOR)	PRESSURE GAUGE AND COCK
V	VENT	UNION CONNECTION
ST	STORM DRAIN (ABOVE GRADE OR FLOOR)	FLANGED CONNECTION
ST	STORM DRAIN (BELOW GRADE OR FLOOR)	SIGHT FLOW GLASS
	DOMESTIC COLD WATER, WATER SERVICE (WS), & WATER SERVICE RECIRC. (WSR)	FLOW ELEMENT (MEASURING)
	DOMESTIC HOT WATER	FLEXIBLE CONNECTOR
	DOMESTIC HOT WATER RECIRC.	MANUAL AIR VENT
RD	ROOF DRAIN	AUTOMATIC AIR VENT
RD	ROOF DRAIN (ABOVE)	THERMOMETER
FD	FLOOR DRAIN	BACKFLOW PREVENTER, DOUBLE CHECK TYPE
FD	FUNNEL FLOOR DRAIN	BACKFLOW PREVENTER, REDUCED PRESSURE ZONE (RPZ) TYPE
HB	HOSE BIBB	METER
	PIPE CAP	PUMP (REFER TO SCHEDULE)
	PIPE BREAK	
	FLOW ARROW	SANITARY VENT
	PIPING ELBOW DOWN	RELIEF (R) OR SAFETY (S) VALVE
	PIPING ELBOW UP	
	PIPING TEE UP	ANGLE GATE VALVE (WITHOUT ACTUATOR)
	PIPING TEE DOWN	
	PIPING TEE	THREE WAY VALVE (WITHOUT ACTUATOR)
CO	STANDARD CLEAN-OUT IN LINE END OF RUN	
CO	STANDARD CLEAN-OUT THROUGH FLOOR END OF RUN	VACUUM BREAKER
CO	STANDARD CLEAN-OUT THROUGH FLOOR IN LINE	PLUMBING FIXTURE TAG (REFER TO SCHEDULE)
SLOPE	PIPING SLOPE	PLUMBING FIXTURES
TRAP	FIXTURE TRAP	
TRAP	BUILDING TRAP	

HVAC LEGEND

RECTANGULAR DUCT	SINGLE LINE DUCT CHANGE IN CONSTRUCTION
ROUND DUCT	DUCT CAP
EXTERIOR DUCT INSULATION	DUCT BREAK
ACOUSTIC INSULATION	SINGLE-LINE SUPPLY DUCT
DOUBLE LINE DUCT CHANGE IN CONSTRUCTION	SINGLE-LINE RETURN OR EXHAUST DUCT
SQUARE ELBOW TURN (SUPPLY UP/DOWN)	THERMOSTAT
SQUARE ELBOW TURN (RETURN UP/DOWN)	FLEX DUCT (DOUBLE LINE)
SQUARE ELBOW TURN (EXHAUST UP/DOWN)	WALL MOUNTED GRILLE/REGISTER
SQUARE ELBOW TURN (INTAKE UP/DOWN)	
ELBOW, ROUND, SMOOTH RADIUS (UP/DOWN)	CEILING DIFFUSER 600x600/300x300
TEE, 45 DEG., RECTANGULAR MAIN AND BRANCH	AIR FLOW ARROWS
TEE, 45 DEG., RECTANGULAR MAIN AND BRANCH, SQUARE TO ROUND	HEATING/COOLING COIL TAG (REFER TO SCHEDULE)
TEE, 45 DEG., ROUND MAIN AND BRANCH	HC - HEATING COIL
ELBOW, RECTANGULAR, SMOOTH RADIUS WITHOUT VANES (1.0 R/W DEFAULT)	CC - COOLING COIL
ELBOW, ROUND, SMOOTH RADIUS (1.0 R/W DEFAULT)	RHC - REHEAT COIL
ELBOW, RECTANGULAR, MITERED WITH TURNING VANES	OIL FIRED UNIT HEATER TAG (REFER TO SCHEDULE)
ELBOWS, 90 DEG., RECTANGULAR TEE	NEW FINNED TUBE RADIATION
ELBOW, 90 DEG., RECTANGULAR WYE	AIR OUTLET TAG (REFER TO SCHEDULE)
45 DEG. WYE, CONICAL MAIN AND BRANCH, ROUND	LOUVER & HOOD TAG (REFER TO SCHEDULE & DETAILS)
TRANSITION, RECTANGULAR, PYRAMIDAL/SIDE (30° CONTRACTUAL ANGLE DEFAULT)	RADIATION HEATING TAG (REFER TO SCHEDULE)
	DAMPER TAG
	BD - BALANCING
	CD - CONTROL
	FIRE DAMPER TAG
	EQUIPMENT TAG

GENERAL NOTES

- EXISTING MECHANICAL & CIVIL INFORMATION PREPARED USING A COMBINATION OF MECHANICAL DRAWINGS FROM 1960-62, 1976, 1978, AND 1990. EXISTING PIPING, DUCTWORK, AND EQUIPMENT LOCATIONS MAY NOT BE EXACT AS-BUILT LOCATIONS.



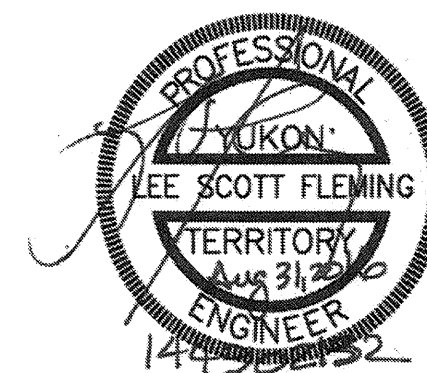
1 MECHANICAL SITE PLAN
SCALE: 1:100



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EXIST	DARK = EXIST
NEW	DARK = NEW
DEMOLISHED	AREA TO BE DEMOLISHED



PERMIT TO PRACTICE		
Signature	<i>[Signature]</i>	
Date	Aug. 31/16	
PERMIT NUMBER: PP315		
Association of Professional Engineers of Yukon		
14490/H/32		

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0	ISSUED FOR TENDER	16/04/05

PARKS CANADA AGENCY

WESTERN AND NORTHERN REGION

Project title/Titre du projet
**DAWSON CITY
YUKON TERRITORY
PALACE GRAND THEATRE
FOUNDATION / MECHANICAL
/ ELECTRICAL RENOVATION
AND GENERAL UPGRADE**

Consultant Signature Only

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Drawing title/Titre du dessin
**MECHANICAL
SITE PLAN
& LEGENDS**

Project No./No. du projet R.068835.001	Sheet/Feuille M001	Revision no./La Révision no. 1
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