

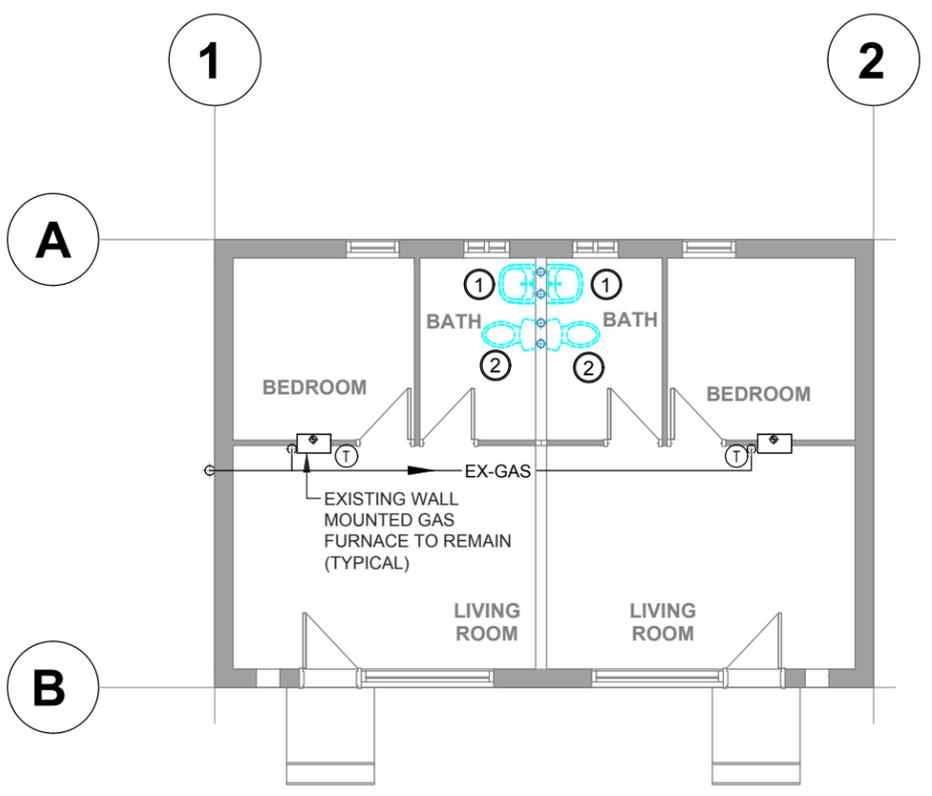
Notes:

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- It is the responsibility of the appropriate Contractor to comply with all Codes and Regulations applicable to the performance of their work.
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PERMIT TO PRACTICE
D.A. FOX ENGINEERING LTD.

RM SIGNATURE: _____
RM APEGA ID #: 41974
DATE: March 16 2022

PERMIT NUMBER: P011325
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



1 MECHANICAL DEMOLITION PLAN
M1 SCALE 1 : 100

MECHANICAL LEGENDS
**NOT ALL SYMBOLS APPLY - REFER TO FLOOR PLAN

LEGAL DESCRIPTION
PALISADES CENTRE
SNARING ROAD, JASPER, ALBERTA

- GENERAL NOTES**
1. DRAWINGS ARE DIAGRAMMATIC ONLY. CONTRACTOR TO CONFIRM LOCATION AND ROUTING OF PIPING PRIOR TO START OF INSTALLATION.
 2. CONTRACTOR TO PROVIDE COMPLETE INSTALLATION TO ALL MUNICIPAL, PROVINCIAL AND FEDERAL CODES AND REGULATIONS.
 3. ALL PLUMBING INSTALLATIONS TO BE IN ACCORDANCE WITH 2015 NATIONAL PLUMBING CODE.
 4. COORDINATE WITH ALL OTHER TRADES AS REQUIRED FOR A COMPLETE INSTALLATION.
 5. COORDINATE ALL REQUIRED WORK WITH ARCHITECTURAL AND ELECTRICAL DRAWINGS.

- DEMOLITION KEYNOTES**
- ① EXISTING LAVATORY TO BE REMOVED c/w ALL ASSOCIATED DCW, DHW AND SANITARY PIPING IN CRAWLSPACE.
 - ② EXISTING WATER CLOSET TO BE REMOVED c/w ALL ASSOCIATED DCW AND SANITARY PIPING IN CRAWLSPACE.

PLUMBING AND PIPING

— SAN —	SANITARY ABOVE GRADE
— GAS —	NATURAL GAS
- - - V - - -	SANITARY VENT
— DCW —	DOMESTIC COLD WATER
— DHW —	DOMESTIC HOT WATER
— — — — —	EXISTING PLUMBING SERVICE
fd hd	FLOOR DRAIN / HUB DRAIN
— c.o.	HORIZONTAL CLEANOUT

PLUMBING FIXTURE TAG

L-1	SEQUENTIAL NUMBER	WC=WATER CLOSET
	FIXTURE TAG (REFER TO SCHEDULE)	L=LAVATORY
		FD=FLOOR DRAIN
		SH=SHOWER

PIPE VALVES AND FITTINGS

— ↘	PIPE DROP
— ↗	PIPE RISE
— T —	PIPE TAKE-OFF / TEE
⊗	ISOLATION VALVE
∩	UNION

GENERAL

2	DETAIL NUMBER	A	SECTION NUMBER
M1	DRAWING NUMBER	M1	DRAWING NUMBER
⬡	KEY NOTE	⊖	DEMOLITION KEYNOTES

CONTROLS

Ⓣ	THERMOSTAT
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Issues/Revisions

No.	Description	Date	By
1.	50% Review	28-01-2022	Fox
2.	75% Review	03-02-2022	Fox
3.	100% Review	22-02-2022	Fox
4.	Issued for B.P.	15-03-2022	Fox

Seal

Client



Project
**PARKS CANADA
PALISADES MACHINE
SHED**

Scale	AS NOTED	Designed By	DF
Project No.	21114	Drawn By	ST
Date	2022-01-27	Checked By	DF

Drawing Title
**MECHANICAL DEMO
AND LEGEND**

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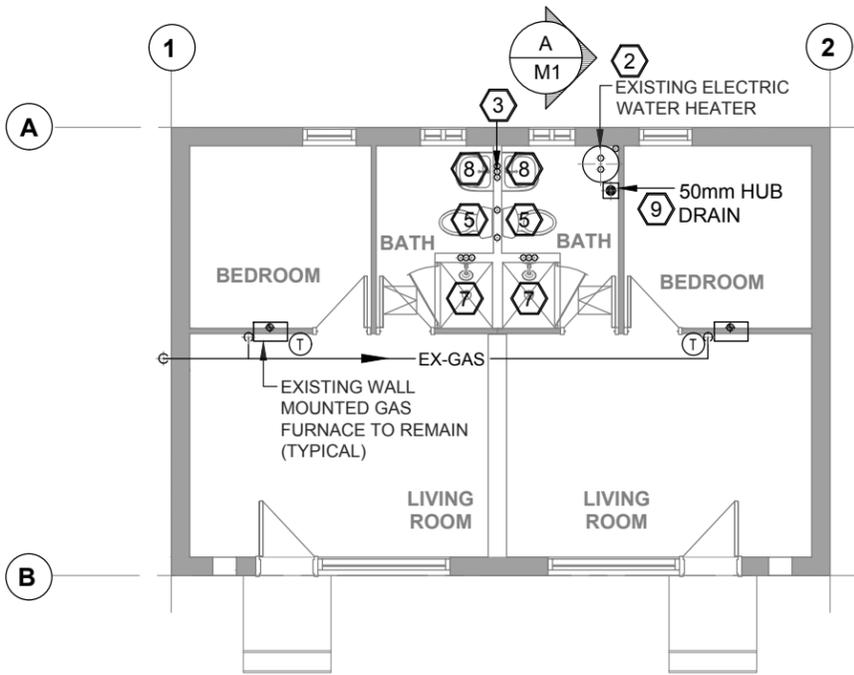
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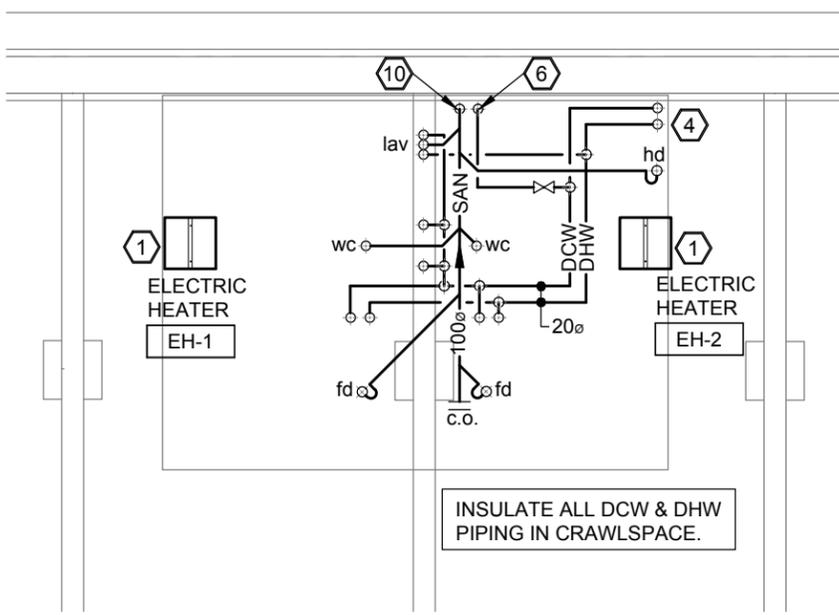


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1 MAIN FLOOR MECHANICAL PLAN
 M2 SCALE 1 : 100



2 PARTIAL FOUNDATION PLAN
 M2 SCALE 1 : 50

INSULATE ALL DCW & DHW PIPING IN CRAWLSPACE.

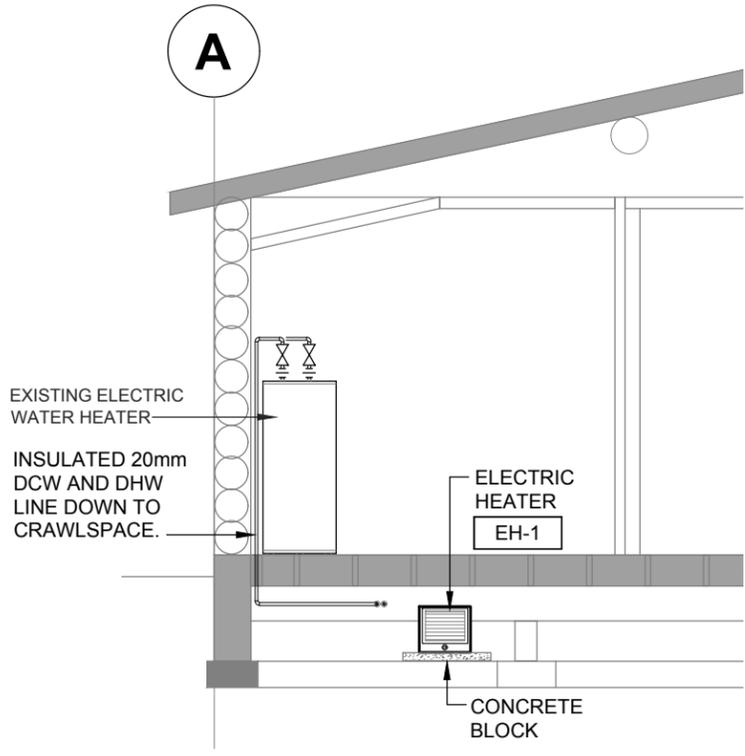
EXISTING WATER HEATER SCHEDULE						
TAG	MANUFACTURER	MODEL	INPUT (Kw)	GMP @ 100°F RISE	ELECTRICAL	CAP.
EX.TK-1	BRADFORD WHITE	M-2-40S6D S-INCPP	6.0	25	240/1/60	38 USGal.

PIPE T&P RELIEF VALVE TO NEW HUB DRAIN.

ELECTRIC HEATER SCHEDULES						
TAG	MANUFACTURER	MODEL	INPUT (Kw)	CFM	ELECTRICAL	AMPS
EH-1	QMARK	CHPR25	1.9	150	240/1/60	10.7
EH-2	QMARK	CHPR25	1.9	150	240/1/60	10.7

SUSPENDED ELECTRIC HEATER c/w INTEGRAL THERMOSTAT.

- ### KEYNOTES
- 1 ELECTRIC HEATER TO BE MOUNTED ON CONCRETE BLOCK IN CRAWLSPACE NEAR ACCESS HATCH FROM NEW FLOOR OPENING.
 - 2 INSTALL EXISTING ELECTRIC HOT WATER HEATER IN CORNER OF ROOM AND PIPE INSULATED 20mm DCW & DHW FROM CRAWLSPACE IN CORNER TO TANK.
 - 3 INSTALL AIR ADMITTANCE VALVE FOR PLUMBING VENT FROM SINK WITH ACCESS DOOR.
 - 4 PIPE 20mm INSULATED DHW LINE FROM HOT WATER HEATER TO CRAWLSPACE AND UP TO PLUMBING FIXTURE IN DEMISING WALL.
 - 5 INSTALL OWNER SUPPLIED WATER CLOSET, PROVIDE NEW WAX SEAL AND FLANGE FOR TOILET. PROVIDE ISOLATION VALVE AND S.S. FLEX PIPE TO TOILET.
 - 6 CONNECT NEW 20mm INSULATED DCW TO EXISTING LINE IN CRAWLSPACE AND ROUTE TO PLUMBING FIXTURES IN WALL AND TO HOT WATER HEATER. PROVIDE AN NEW ISOLATION VALVE EASILY ACCESSIBLE FROM ACCESS HATCH.
 - 7 INSTALL OWNER SUPPLIED SHOWER VALVE AND HAND SPRAY, CHANGE OUT RAIN SHOWER HEAD WITH A LOW FLOW (1.75 gpm) DELTA RAIN SHOWER HEAD FOR EACH WASHROOM. PROVIDE AND INSTALL A S.S. FLOOR DRAIN.
 - 8 INSTALL OWNER SUPPLIED WALL MOUNTED LAVATORY. PROVIDE AND INSTALL NEW CHROME P-TRAP, S.S. FLEX PIPE WITH ISOLATION VALVE AND NEW DELTA SINGLE HANDLE MODEL B51LF FAUCET FOR SINK.
 - 9 INSTALL A 50mm HUB DRAIN FOR PIPED T&P RELIEF VALVE c/w TRAP SEALER.
 - 10 CONNECT NEW SANITARY PIPING TO EXISTING. CONFIRM TIE-IN LOCATION ON SITE.



A PARTIAL BUILDING SECTION
 M2 SCALE 1 : 50

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1.	50% Review	28-01-2022	Fox
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PLOTTED: 2022-03-15 3:50:00 PM