Fisheries and Oceans | Pêches et Océans

Real Property | Services Immobiliers

GREENING OF GOVERNMENT OPERATIONS
PASS ISLAND LIGHTSTATION
PASS ISLAND
NEWFOUNDLAND AND LABRADOR

PROJECT NO. F6879-189203

Canada

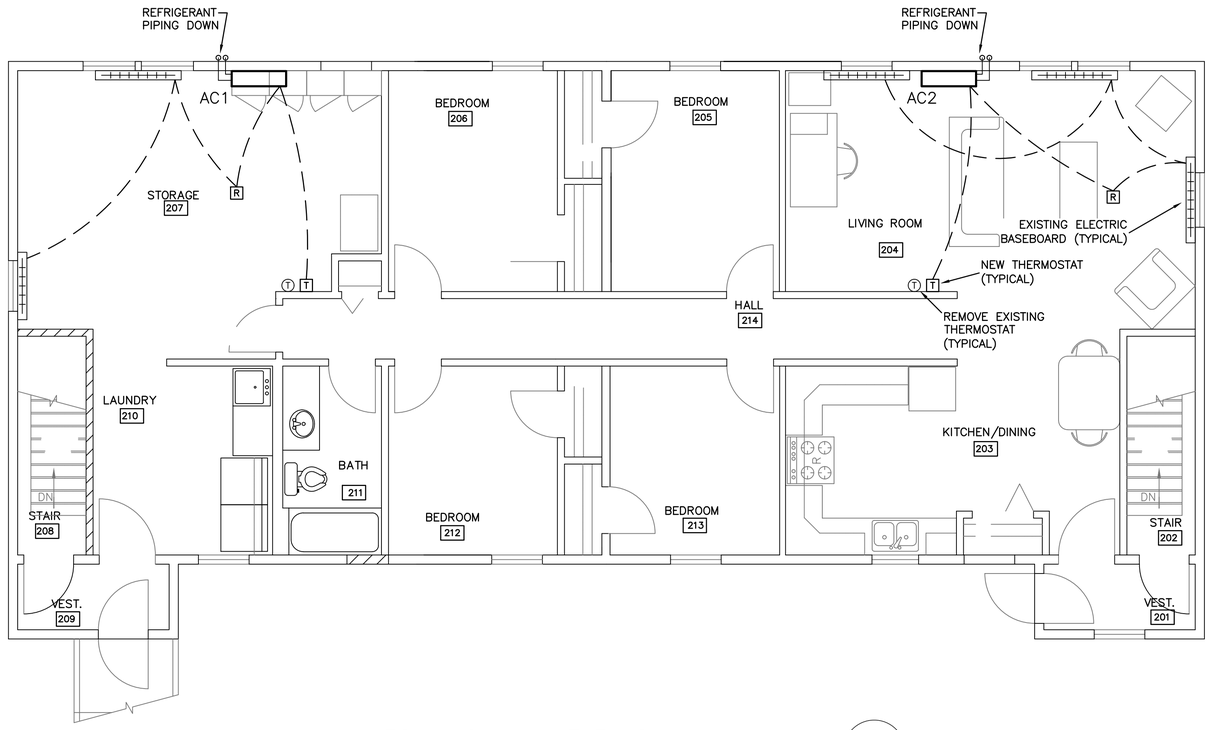
EQUIPMENT SCHEDULE

AC1 – MULTI ZONE DUCTLESS SPLIT HEAT PUMP SYSTEM.
MITSUBISHI MODEL MXZ–2B20NA OUTDOOR UNIT, 26,400 BTU/HR HEATING CAPACITY AND TWO MITSUBISHI MODEL MSZ–GE12NA INDOOR UNITS, 13,800 BTU/HR NOMINAL HEATING CAPACITY. C/W PROGRAMMABLE THERMOSTAT, WIND BAFFLE, STAND, HOUSEKEEPING PAD, AND AUXILIARY HEAT OUTPUT.
ELECTRICAL: 208V/1PH/60hz, MCA 15 AMPS, MOP 20 AMPS

AC2 – MULTI ZONE DUCTLESS SPLIT HEAT PUMP SYSTEM
MITSUBISHI MODEL MXZ–2B20NA OUTDOOR UNIT, 26,400 BTU/HR HEATING CAPACITY AND TWO MITSUBISHI MODEL MSZ–GE12NA INDOOR UNITS, 13,800 BTU/HR NOMINAL HEATING CAPACITY. C/W PROGRAMMABLE THERMOSTAT, WIND BAFFLE, STAND, HOUSEKEEPING PAD, AND AUXILIARY HEAT OUTPUT.
ELECTRICAL: 208V/1PH/60hz, MCA 15 AMPS, MOP 20 AMPS

ELECTRICAL NOTES

1. SUPPLY AND INSTALL TWO (2), 20 AMP, 2 POLE BREAKER IN EXISTING PANEL 'B'.
2. EXISTING PANEL 'B' IS A 225 AMP, 120/240 VOLT, 1 PHASE, 3W SIEMENS S3A66QJ225CTS, LOCATED IN STORAGE ROOM 104.
3. SUPPLY AND INSTALL NEW 20 AMP, 208 VOLT, 3R DISCONNECT SWITCHES ADJACENT TO NEW OUTDOOR CONDENSING UNITS AC1 & AC2.
4. SUPPLY AND INSTALL FEEDERS (12/3 NMD90) FROM PANEL 'B'. TO NEW CONDENSING UNIT DISCONNECT SWITCHES.
5. EXTEND FEEDERS FROM DISCONNECT SWITCHES TO AC OUTDOOR CONDENSING UNITS UTILIZING LTF CONDUIT OR TECK CABLE.
6. PROVIDE UPDATED TYPE–WRITTEN PLATES ON NEW AC CONDENSING UNIT DISCONNECT SWITCHES (EXAMPLE: AC1 OUTDOOR CONDENSER)
7. SUPPLY AND INSTALL LAMICOID PLATES ON NEW AC CONDENSING UNIT DISCONNECT SWITCHES (EXAMPLE: PANEL 'B', CIRCUIT 1,3)
8. WIRING BETWEEN AC OUTDOOR CONDENSING UNITS TO INDOOR EVAPORATOR UNITS IN BUILDING TO BE INSTALLED BY MECHANICAL CONTRACTOR.
9. MECHANICAL CONTRACTOR TO RUN CONTROL WIRE FROM EVAPORATOR TO NEW THERMOSTAT AND TO NEW RELAY. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW RELAY TO CONTROL EXISTING ELECTRIC BASEBOARD RADIATOR(S) AS AUXILIARY HEAT.
10. PROVIDE FIRE STOPPING AT ALL LOCATIONS WHERE CABLES PENETRATE WALLS, FLOORS AND CEILINGS.

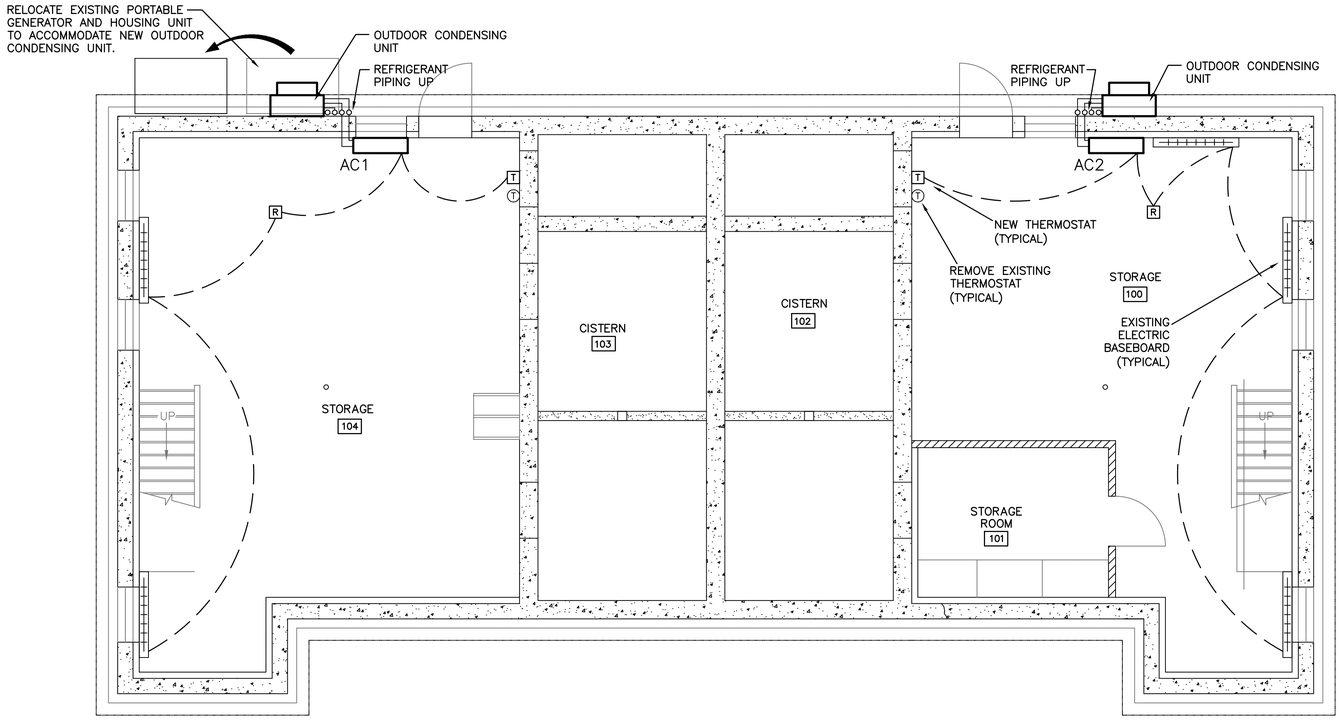


MECHANICAL – LEVEL 2

SCALE: 1:50

0m 1m 2m 3m 4m 5m

2 ME2

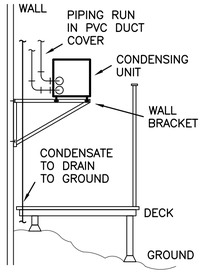


MECHANICAL – LEVEL 1

SCALE: 1:50

0m 1m 2m 3m 4m 5m

1 ME2



CONDENSING UNIT DETAIL

SCALE : N.T.S.

3 ME2

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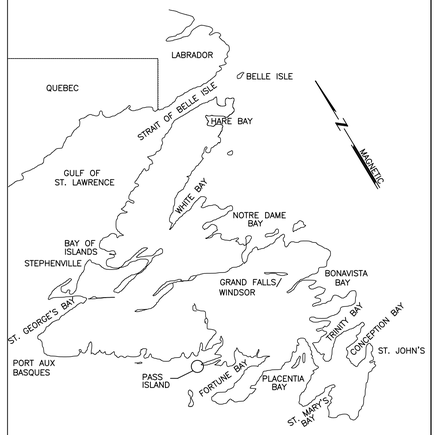

KEY LOCATION PLAN

M. LAWRENCE ENGINEERING LTD
Consulting Engineers
HALIFAX NS
902-222-5364
WWW.MLENGINEERING.CA

CONSULTANT

STAMP

LICENSED PROFESSIONAL ENGINEER # 09120 M.M. LAWRENCE SIGNATURE 18/04/09 DATE NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND AND LABRADOR pegnl ENGINEERING PERMIT NO974 M. LAWRENCE ENGINEERING LTD. Signature or Member Number (Member-in-Responsible Charge)

no.	revision	date	by	approved
1	ISSUED FOR TENDER	18/04/09	M.L.	M.L.

Project – projet

PASS ISLAND – GREENING OF GOVERNMENT OPERATIONS

Drawing – dessin

LEVEL 1 AND 2 – NEW MECHANICAL LAYOUT

drawn – dessine: H. OSBORNE	designed – dessine par: M. LAWRENCE
date – date: FEBRUARY 2018	checked – verifie: M. LAWRENCE
scale – echelle: AS SHOWN	approved for tender–approuve pour l'offre

project no. – projet no.	drawing no. – no du dessin	sheet – feuille
F6879–189203	11P0803A006	ME–2