

PERMIT TO PRACTICE
HEMISPHERE ENGINEERING INC.
Signature: *[Signature]*
Date: *Dec 19 2014*
PERMIT NUMBER: P 4520
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	Issued for Tender	19-Dec-2014
0	Issued for 90% Review	18-Oct-2013
0	Issued for 50% Review	15-Jul-2013

Correctional Service Canada
Service Correctionnel Canada
Bowden Institution
Hwy 2, Innisfail, AB T4G 1V1

Project title/Titre du projet
Bowden Institution
Hwy 2, Innisfail, AB T4G 1V1
Bowden Institution
Hot Water Systems Upgrade

Approved by/Approuvé par
Approver
Designed by/Concept par
Designer
Drawn by/Dessiné par
Author
PWGSC Project Manager/Administrateur de Projets TPSGC
STEVE PHYPERS
PWGSC, Architectural and Engineering Resources Manager/
-
Client/client
-

Drawing title/Titre du dessin
MECHANICAL PLAN -
UPPER ELEVATION

Project No./No.
du projet
R.023238.001
Sheet/
M2
OF 8
Revision no./
0

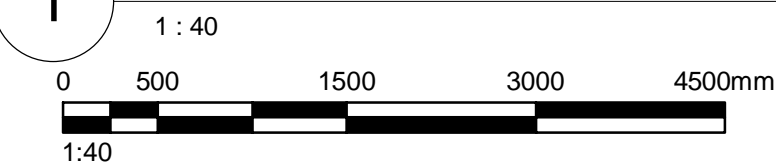


GENERAL NOTES:
1. DRAWINGS SHOWN ON THIS SHEET REPRESENT LIVING UNIT #1 OF 5. ROOM LAYOUT IS GENERALLY THE SAME BETWEEN BUILDINGS BUT SLIGHT VARIATIONS BETWEEN SPACES MAY EXIST. CONFIRM ALL DIMENSIONS AND ARRANGEMENTS ON SITE BEFORE FABRICATION AND INSTALLATION.

- 1 REMOVE ALL ABANDONED HUMIDIFIER PIPING AND DISTRIBUTION
- 2 REMOVE VALVE AND PIPEWORK SERVING HEATING COIL
- 3 REMOVE EXISTING PIPEWORK TO/FROM PUMPS
- 4 REMOVE EXISTING FLUES FROM BOILERS AND WATER HEATERS
- 5 REMOVE EXISTING EXPANSION TANK AND ASSOCIATED PIPEWORK
- 6 REMOVE EXISTING HWR SENSOR FOR REINSTALLATION IN NEW PIPING.

- 1 NEW PRESSURE BYPASS CONTROL VALVE
- 2 NEW 2-WAY COIL CONTROL VALVE
- 3 NEW MANUAL BYPASS VALVE
- 4 PRESSURE INDEPENDENT FLOW CONTROL VALVE
- 5 CONNECT TO EXISTING FLUE
- 6 REMOVE EXISTING HWR SENSOR FOR REINSTALLATION IN NEW PIPING.

1 MECH ROOM - UPPER ELEVATION - DEMO



2 MECH ROOM - UPPER ELEVATION - NEW

