

DO NOT SCALE DRAWINGS

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0	Issued for Tender	19-Dec-2014
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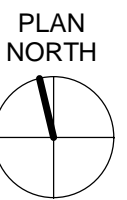
Client/client
Correctional Service Canada
Service Correctionnel Canada
Bowden Institution
Hwy 2, Innisfail, AB T4G 1V1

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

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Client/client

Drawing title/Titre du dessin
MECHANICAL PLAN -
LOWER ELEVATION

Project No./No. du projet R.023238.001	Sheet/ M1 OF 8	Revision no./ 0
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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.

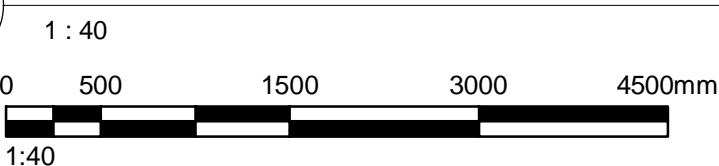
- EXISTING CONTROL CABINATE LOCATION
- NEW POT FEEDER ASSEMBLY
- NEW INLINE CENTRIFUGAL PUMPS WITH INTEGRAL VFDS
- NEW HEATING WATER BOILER
- NEW HYDRONIC FILTER ASSEMBLY
- PROVIDE AND INSTALL NEW EXHAUST AIR, OUTDOOR AIR, AND MIXED AIR DAMPERS IN PREVIOUS LOCATION
- PROVIDE AND INSTALL NEW DIGITAL DAMPER CONTROL ACTUATORS
- PROVIDE AND INSTALL NEW HEATING COIL IN PREVIOUS LOCATION.
- PROVIDE AND INSTALL NEW FILTER RACKS IN PREVIOUS LOCATION.
- REPLACE EXISTING SUPPLY FAN BEARINGS.
- REPLACE EXISTING SUPPLY FAN MOTOR
- CLEAN AIR HANDLING UNIT, AND INTAKE LOUVERS
- REPLACE EXISTING BELT DRIVE, GUARD, AND PULLIES
- NEW EXPANSION TANK

NOTE:
PERFORM AIR AND HYDRONIC SYSTEM BALANCING MEASUREMENTS ON EACH SYSTEM PRIOR TO SHUTDOWN AND DEMOLITION TO ESTABLISH EXISTING PERFORMANCE LEVELS.

- REMOVE ALL ABANDONED HUMIDIFIER PIPING AND DISTRIBUTION
- REMOVE EXISTING POT FEEDER
- REMOVE EXISTING PUMPS
- REMOVE EXISTING BOILER
- REMOVE ABBANDONED HUMIDIFIER AND ALL ASSOCIATED PIPEWORK
- REMOVE EXISTING EXHAUST AIR, OUTDOOR AIR, AND MIXED AIR DAMPERS FOR REPLACEMENT WITH NEW
- REMOVE EXISTING PNEUMATIC DAMPER ACTUATORS FOR REPLACEMENT WITH NEW DIGITAL CONTROL ACTUATORS
- REMOVE EXISTING HEATING COIL FOR REPLACEMENT WITH NEW
- REMOVE EXISTING FILTER RACKS FOR REPLACEMENT WITH NEW.

DASHED LINES
INDICATE EQUIPMENT
CLEARANCE
REQUIREMENTS

1 MECH ROOM - LOWER ELEVATION - DEMO



2 MECH ROOM - LOWER ELEVATION - NEW

