

NOTES

1. INSTALL AUTOMATIC AIR VENTS AT HIGH POINTS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH ANY PART OF THE WORK.
3. THE PIPING CONTAINED ON THIS DRAWING IS DIAGRAMMATIC IN NATURE AND IS NOT INTENDED TO SHOW EXACT LOCATIONS OR DIMENSIONS UNLESS OTHERWISE INDICATED.

NOTE:
ALL MATERIAL IN THE PROCESS ROOM SHALL BE
NON-SPARKING CONSTRUCTION, CLASS 1, ZONE 1,
GROUP IIA, EXPLOSION PROOF CONSTRUCTION.

CONTROLS NOTES

- ⚠ WARM WEATHER SHUT DOWN TO CAUSE FC-1 TO SWITCH TO HI FAN SPEED IN SUMMER & LOW FAN SPEED IN WINTER.
- ⚠ IF NO AIRFLOW OR NO WATER FLOW ON RUNNING UNIT - THEN SWITCH ON OTHER UNIT. ONE UNIT IS CP-9 & FC-4 OTHER UNIT IS CP-10 & FC-5.
- ⚠ 10K OHM EXPLOSION PROOF TEMP. SENSOR TO BE INSTALLED IN AIR DUCT OF FAN COIL.
- ⚠ TEKMAR TEMP. SENSOR TO BE INSTALLED IN AIR DUCT OF FAN COIL.

NOTE:
PROVIDE FLEXIBLE CONNECTIONS FOR ALL EQUIPMENT
INSTALLED WHERE BUILDING TRANSITIONS FROM NEW
CONSTRUCTION AND EXISTING CONSTRUCTION TO
ACCOMMODATE FOR DIFFERENTIAL SETTLEMENT.

1. This drawing is the exclusive property of Nuna Burnside and the reproduction of any part without prior written consent of this office is strictly prohibited.

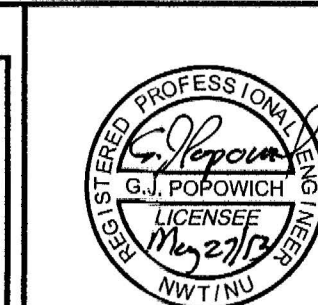
2. The contractor shall verify all dimensions, levels, and datums on site and report any discrepancies or omissions to this office prior to construction.

3. This drawing is to be read and understood in conjunction with all other plans and documents applicable to this project.

4. Do not scale the drawings.

Issue / Revision	Date
1 ISSUED FOR 99% SUBMISSION	JANUARY 2013
2 ISSUED FOR TENDER	FEBRUARY 2013
3 REVISED AS PER ADDENDUM 1 TO 4 AND ISSUED FOR CONSTRUCTION	APRIL 2013

PERMIT TO PRACTICE
Nuna Burnside Engineering and Environmental Ltd.
Signature: *[Signature]*
Date: 27/13
PERMIT NUMBER: P 535
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU



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Client
**GOVERNMENT OF NUNAVUT
COMMUNITY & GOVERNMENT
SERVICES**
RANKIN INLET
SEWAGE TREATMENT PLANT

Drawing Title MECHANICAL HYDRONIC HEATING SCHEMATIC		
Drawn By A.H.	Checked By D.Mack.	Drawing No. M-7
Scale NTS	Project No. 300031281	