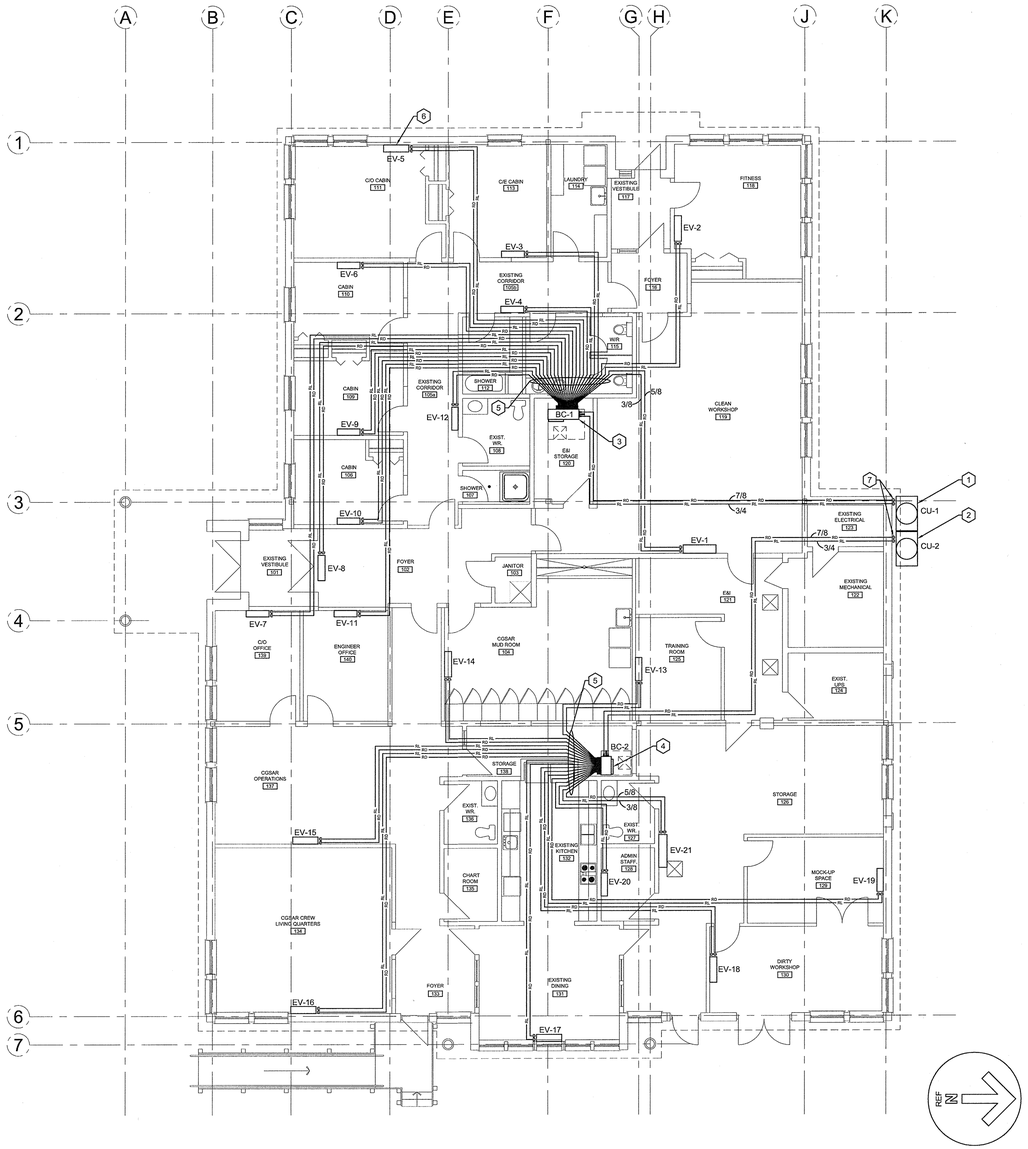

HVAC PIPING LAYOUT

SCALE : 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

DRAWING NOTES:

1. OUTSIDE CONDENSING UNIT CU-1 MOUNTED ON STRUCTURAL SUPPORT. SEE STRUCTURAL DRAWINGS. SEE SPECIFICATION FOR DESCRIPTION.
2. OUTSIDE CONDENSING UNIT CU-2 MOUNTED ON STRUCTURAL SUPPORT. SEE STRUCTURAL DRAWINGS. SEE SPECIFICATION FOR DESCRIPTION.
3. BRANCH CONTROLLER UNIT BC-1 MOUNTED AS CLOSE TO CEILING AS POSSIBLE. SEE SPECIFICATION FOR DESCRIPTION.
4. BRANCH CONTROLLER UNIT BC-2 MOUNTED ABOVE CEILING TILES. SEE SPECIFICATION FOR DESCRIPTION.
5. ALL REFRIGERANT PIPING TO BE RUN IN ATTIC SPACE. LIQUID PIPING TO BE NPS-1/4 UNLESS OTHERWISE NOTED. VAPOUR PIPING TO BE NPS-1/2 UNLESS OTHERWISE NOTED. PROVIDE UNISTRUT PIPE SUPPORTS FOR REFRIGERANT PIPES. COORDINATE WITH DUCTWORK, PIPING AND CONDUITS IN CEILING SPACE.
6. INDOOR EVAPORATOR UNITS. SEE SPEC FOR DESCRIPTION. (TYPICAL).

   PROVIDE MECHANICAL PROTECTION FOR EXTERIOR REFRIGERANT PIPING.

CONSTRUCTION NOTES

1. THESE DRAWINGS REASONABLY REPRESENT EXISTING CONDITIONS. ACTUAL CONDITIONS MAY DEVIATE FROM THAT SHOWN/IDENTIFIED ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS, CHECK ALL DIMENSIONS, AND VERIFY MATERIALS REQUIRED TO COMPLETE THIS WORK. CONTRACTOR SHALL INFORM DEPARTMENTAL REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
2. REMOVE FROM SITE DEMOLISHED MATERIALS, DEBRIS, AND RUBBISH. DISPOSE DEMOLISHED MATERIALS AS PER THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
3. COMPLETE ALL WORK IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (LATEST EDITION).
4. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION & REINSTATEMENT NECESSARY FOR THE INSTALLATION OF THE NEW WORK WHETHER SHOWN HERE OR NOT.
5. BUILDING WILL NOT BE OPERATIONAL DURING DEMOLITION AND CONSTRUCTION OF INTERIOR FIT-UP PORTION OF WORK. AS OF MAY 30, 2018, BUILDING WILL BE OCCUPIED. ALL EXTERIOR WORK TO BE COMPLETED WHILE BUILDING IS OPERATIONAL. CONTRACTOR TO TAKE NECESSARY STEPS TO ENSURE SAFETY OF BUILDING PERSONNEL AND THE PUBLIC DURING CONSTRUCTION WHILE BUILDING IS OPERATIONAL.
6. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY REMOVAL/RELOCATION OF MECHANICAL SYSTEMS WHICH INTERFERE WITH COMPLETING THE REPAIR WORK INDICATED ON THE DRAWINGS. MECHANICAL SYSTEMS TO BE REINSTATED ONCE REPAIR WORK IS COMPLETE. ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, BY LICENSED TRADES PEOPLE.
7. ALL ITEMS WILL BE COORDINATED WITH STRUCTURAL, ARCHITECTURAL, ELECTRICAL AND CIVIL DURING CONSTRUCTION STAGE.
8. ANY MECHANICAL EQUIPMENT ON ROOF STRUCTURE SUCH AS BUT NOT LIMITED TO A/C UNITS AND EXHAUST FANS, HOODS, SHALL BE REMOVED. FOR ALL SUCH EQUIPMENT LOCATION REFER TO ARCHITECTURAL ROOF PLAN.
9. EXISTING DUCTS AND A/C UNITS LOCATED IN ATTIC SPACE TO BE REMOVED PRIOR TO THE INSTALLATION OF NEW. ATTIC IS LIMITED IN SPACE FOR MANEUVERING AND REMOVAL OF EXISTING MECHANICAL EQUIPMENT.

REFRIGERANT LEGEND

- RD — REFRIGERANT SUCTION PIPING
- RL — REFRIGERANT LIQUID PIPING
- EV-__ — NEW EVAPORATOR UNIT
- CU-__ — NEW CONDENSER UNIT
- BC-__ — NEW BRANCH CONTROLLER

DETAIL NUMBERING SYSTEM

- A / B C — DETAIL NUMBER. LOCATION DRAWING NO. DETAIL DRAWING NO.
- A / C — DETAIL NUMBER. LOCATION DRAWING NO.

Public Works and Government Services Canada | Travaux Publics et Services gouvernementaux Canada

REGISTERED PROFESSIONAL ENGINEER — PEGL Newfoundland and Labrador — D.R.M. MORRIS — 10018 — DEC 2017 — NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
This Permit Allows
SNC-LAVALIN Inc.
To practice Professional Engineering in Newfoundland and Labrador. Permit No. as issued by PEGNL N0458 which is valid for the year 2017.

ENGINEER IN RESPONSIBLE CHARGE

C01	ISSUED FOR TENDER	12/21 2017
revisions		date

project / projet

SAR STATION REFURBISHMENT ST. ANTHONY

LIFEBOAT STATION

drawing / dessin

REFRIGERANT FLOOR PLAN

designed	D.M.	conçu
date	2017-11-17	
drawn	ZH	dessiné
date	2017-11-17	
approved	MK	approuvé
date	2017-11-17	
Tender	D.B.	Soumission
	PWGSC Project Manager	Administrateur de projets TPSGC

project number / no. du projet: R.089934.001

drawing no. / no. du dessin: M6

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PWGSC A1 (2004)

0 10 20mm 40 60 80 100 120 140 160 180 200mm

E-DRM/GDD-E: 552634