

#### DRAWING NOTES:

1. HRV UNIT SUSPENDED FROM CEILING C/W CONDENSATE DRAIN. ROUTE DRAIN TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM. SEE SCHEDULE FOR DESCRIPTION.
2. OUTSIDE CONDENSING UNIT CU-1 MOUNTED ON STRUCTURAL SUPPORT PROVIDED BY OTHERS. SEE SCHEDULE FOR DESCRIPTION.
3. INDOOR EVAPORATOR UNITS. SEE SCHEDULE FOR DESCRIPTION. (TYPICAL).
4. 600/600 FRESH AIR INTAKE LOUVRE.
5. 600/600 EXHAUST AIR LOUVRE.
6. DUCTWORK TO TURN UP IN THIS APPROXIMATE LOCATION SO AS TO FIT BETWEEN ROOF TRUSSES. EXACT LOCATION TO BE COORDINATED ON SITE.
7. PROVIDE AND INSTALL A WALL LOUVERED DISCHARGE, 250 BY 125.
8. ELECTRIC HEATING COIL C/W DISCONNECT. SEE SPECIFICATION FOR DESCRIPTION.

#### CONSTRUCTION NOTES

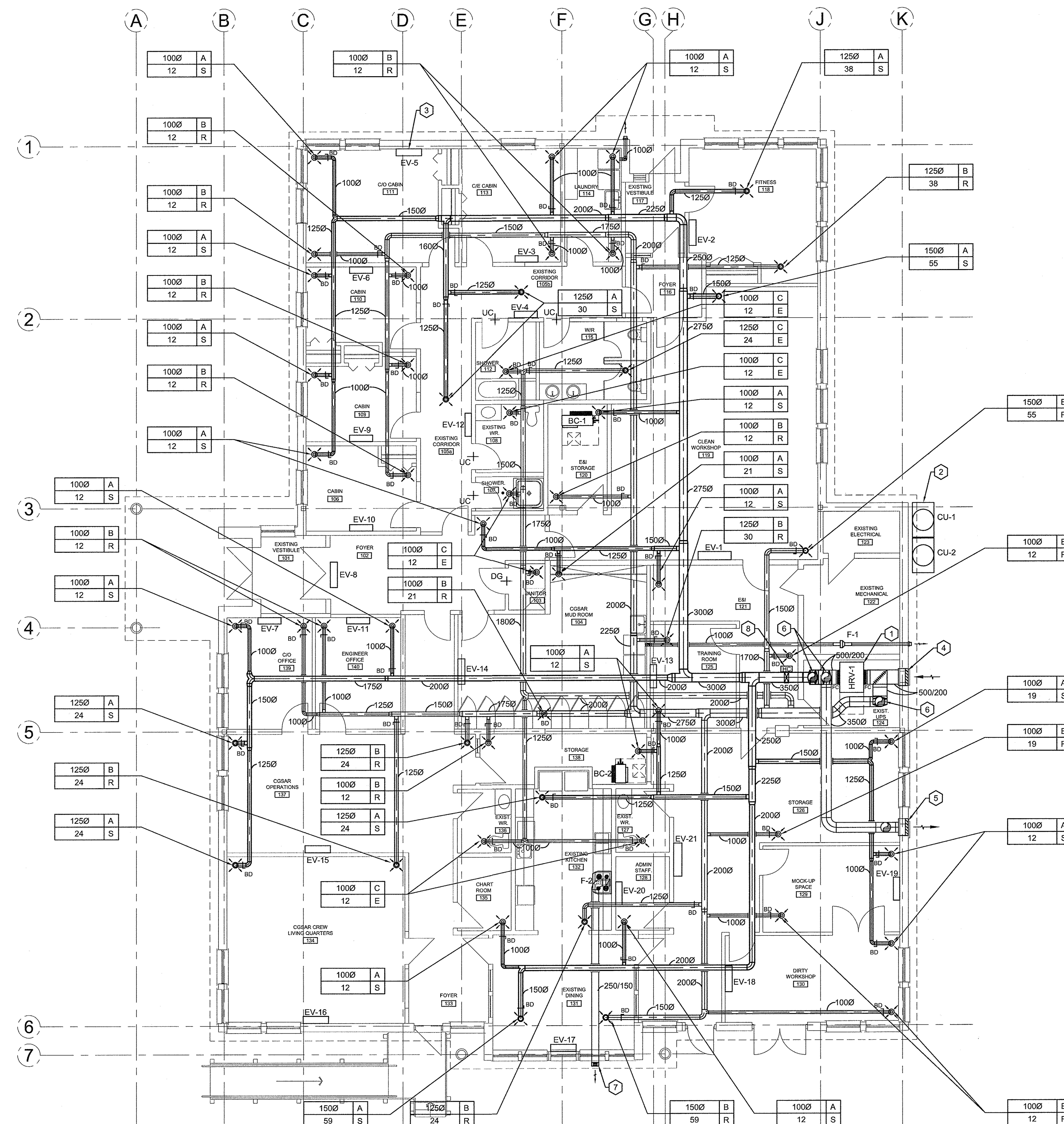
1. THESE DRAWINGS REASONABLY REPRESENT EXISTING CONDITIONS. ACTUAL CONDITIONS MAY DEViate FROM THAT SHOWN/IDENTIFIED ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS, CHECK ALL DIMENSIONS, AND VERIFY MATERIALS REQUIRED TO COMPLETE THIS WORK. CONTRACTOR SHALL INFORM DEPARTMENTAL REPRESENTATIVE 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.

#### VENTILATION

- FRESH AIR OR INTAKE DUCT
- SUPPLY DUCT
- RETURN OR EXHAUST DUCT
- ELBOW R/W = 1.5 UNLESS OTHERWISE NOTED
- ELBOW W/ SPLITTER VANES
- MITERED ELBOW W/ AIRFOIL TURNING VANES
- DAMPER, MOTORIZED
- SQUARE TO ROUND DUCT TRANSITION.
- FIRE DAMPER

#### DETAIL NUMBERING SYSTEM

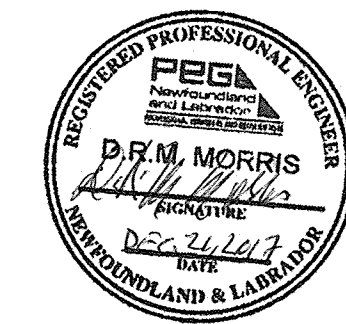
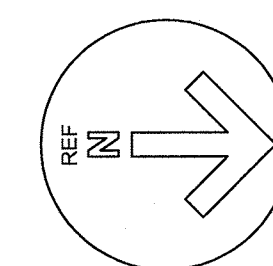
- DETAIL NUMBER.
- LOCATION DRAWING NO.
- DETAIL DRAWING NO.
- DETAIL NUMBER.
- LOCATION DRAWING NO.
- DIFFUSER SIZE
- DIFFUSER TYPE (SEE SPEC/SCHED)
- SUPPLY, RETURN OR EXHAUST CAPACITY (LITRES/SECOND)



#### HVAC FLOOR PLAN

SCALE : 1:100

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



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 PSECH, N0458  
which is valid for the year 2017.  
ENGINEER IN RESPONSIBLE CHARGE  
*[Signature]*

C01	ISSUED FOR TENDER	12/21 2017
revisions		date
project		projct

SAR STATION  
REFURBISHMENT  
ST. ANTHONY  
LIFEBOAT STATION

drawing	dessin
---------	--------

HVAC  
FLOOR PLAN

designed D.M.	conqu
date 2017-11-17	
drawn ZH	dessiné
date 2017-11-17	
approved MK	approuvé
date 2017-11-17	
Tender D.B.	Soumission
FWGSC Project Manager	Administrateur de projets TPSOC
project number	no. du projet
R.089934.001	
drawing no.	no. du dessin
M5	