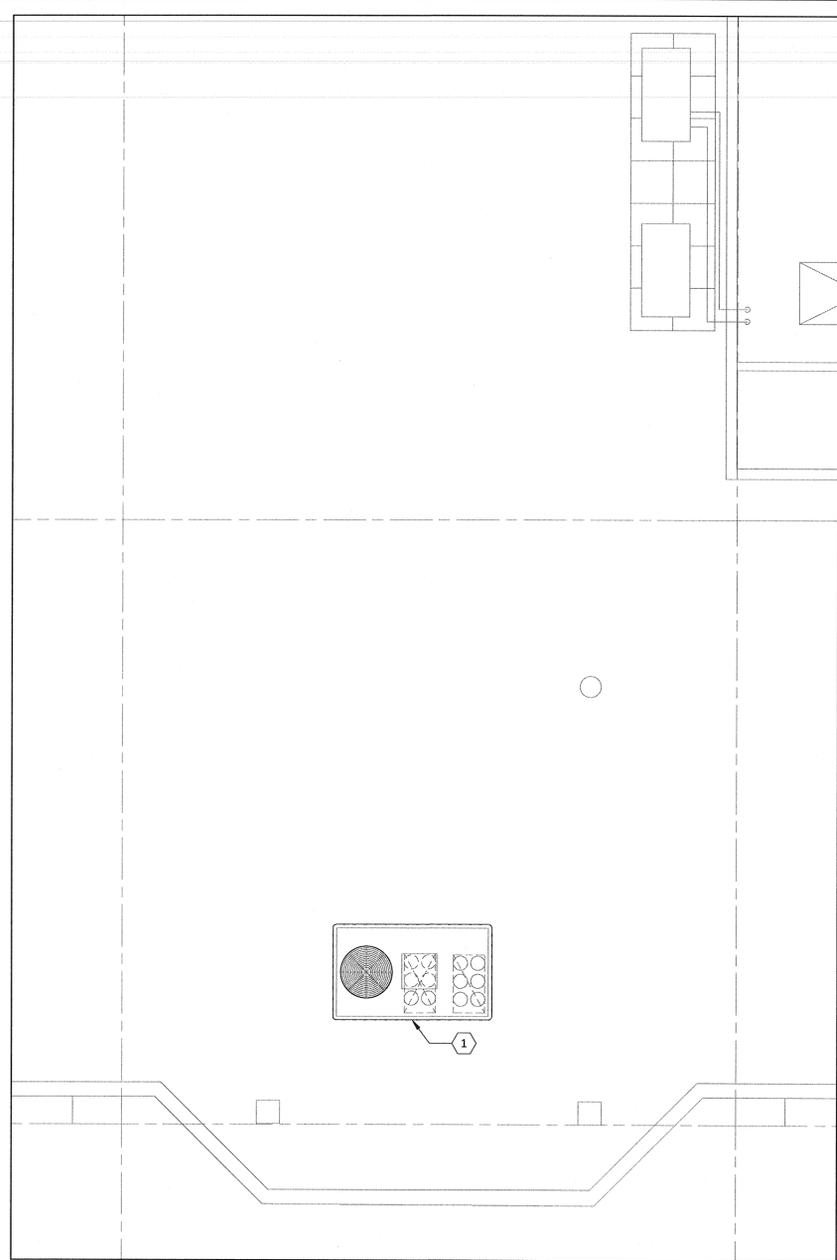


1 FLOOR PLAN - MECHANICAL  
M-2.0 1:30

MECHANICAL DRAWING NOTES:

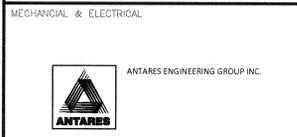
- 840 X 450 SUPPLY AIR FROM NEW AC-01 ON ROOF. COORDINATE WITH ARCHITECTURAL FOR LOCATION OF ROOF PENETRATION.
- 840 X 450 RETURN AIR TO NEW AC-01 ON ROOF. COORDINATE WITH ARCHITECTURAL FOR LOCATION OF ROOF PENETRATION.
- NEW ACOUSTICALLY INSULATED 250X 200 TRANSFER AIR DUCT. REUSE EXISTING WALL PENETRATION. SEE NOTE 7 ON DWG M1-1. SEE DETAIL M3.0-5.
- NEW SUPPLY AND RETURN AIR DISTRIBUTION SYSTEM AS INDICATED. ROUTING AND LOCATION AS SHOWN IS APPROXIMATE ONLY. CONTRACTOR TO MEASURE AND ADJUST TO SUIT LOCAL CONDITIONS AND INTERFERENCES. PROVIDED FIVE NEW VAV BOXES AND ASSOCIATED CONTROLS AS INDICATED. SEE SCHEDULE M3-1 AND SCHEMATIC M3-3.
- NEW ZONE CONTROL THERMOSTATS AND WIRING. COORDINATE WITH ELECTRICAL FOR WIRING INSTALLATION. EXTEND NEW CONTROL WIRING TO EXISTING PERIMETER HEATING ZONE CONTROL RELAYS. PROVIDE NEW RELAYS AS REQUIRED FOR NEW CONTROLLERS TO ASSUME CONTROL. CONTRACTOR TO CONFIRM EXISTING ON SITE AND ADJUST NEW ZONES INDICATED SO AS TO MATCH EXISTING. SEE SCHEMATIC M3.0-3
- NEW SUPPLY AIR DIFFUSER TYPE S1 (TYPICAL OF FOUR). SEE SPECIFICATIONS. BALANCE TO AIRFLOWS AS INDICATED.
- BALANCE ALL EXISTING SUPPLY AIR DIFFUSERS TO FLOWS AS INDICATED.
- PROVIDE AND INSTALL NEW AC-01 CONTROLLER. COORDINATE WITH ELECTRICAL AND OWNER FOR EXACT LOCATION.
- INSULATE ALL NEW DUCTWORK AS SPECIFIED AND TO MATCH EXISTING SUPPLY EXCEPT AS INDICATED AT NOTES 10 AND 11.
- PROVIDE ACOUSTIC DUCT LINER AS SPECIFIED FROM NEW AC-01 SUPPLY AIR DISCHARGE TO CONNECTION TO EXISTING SUPPLY DUCT.
- PROVIDE ACOUSTIC DUCT LINER AS SPECIFIED IN RETURN AIR DUCT TO NEW AC-1.
- REINSTATE DIFFUSERS (EST. 2), SPRINKLER HEADS (EST. 3) TEMPORARILY REMOVED TO SUPPORT NEW WORK. SEE DRAWING M1.0 NOTE 6.
- RELOCATE SPRINKLER HEADS TO SUIT NEW CEILING GRID (TYPICAL OF TWO).



2 ROOF PLAN - MECHANICAL  
M-2.0 1:30

MECHANICAL DRAWING NOTES:

- NEW AHU-10 ON ROOF. SEE SCHEDULE M3-2. COORDINATE WITH ARCHITECTURAL FOR EXACT LOCATION OF ROOF PENETRATION TO BELOW.



Antares Engineering Group Inc.  
Signature of Member Number (Member-in-Responsible Charge)

GENERAL NOTES:  
SEE DRAWING M3.0 FOR LEGEND.  
THE WORDS "NEW" AND "PROVIDE" AS USED HEREIN SHALL MEAN TO "SUPPLY AND INSTALL".  
LOCATION OF EQUIPMENT INDICATED OR SPECIFIED IS TO BE CONSIDERED AS APPROXIMATE. DO NOT SCALE DRAWINGS TO ORDER MATERIAL. CONTRACTOR TO TAKE FIELD MEASUREMENTS AND MAKE MATERIAL CONFORM TO SITE CONDITIONS.  
REMOVE AND REINSTALL, CUT AND PATCH AND MAKE GOOD ANY EQUIPMENT, SERVICE OR SYSTEM DEEMED NECESSARY TO PERFORM WORK AS SPECIFIED HEREIN.

revisions	title	date
C	Issued for Tender	21.07.17
B	Issued for Tender	07.07.17
A	Issued for 90% Review	15.06.17

project ISSUED FOR 99% REVIEW 2017 JUN 05  
DISTRICT OFFICE  
INFRASTRUCTURE  
JOHN CABOT BUILDING  
ST. JOHN'S, NL  
BUILDING I.D. GOC00047

drawing design  
MECHANICAL  
PARTIAL FLOORPLAN  
NEW HVAC WORK

designed J.C.J. conçu  
date JUNE 2017  
drawn J.C.J. dessiné  
date JUNE 2017  
approved I.C.S. approuvé  
date JUNE 2017

Project Manager 2017/07/31  
Administrateur de projet I.P.S.C.G.

project number no. du projet  
R.090120.001

drawing no. no. du dessin  
M-2.0

