

SITE INSTRUCTION NO. ME-09 **MECHANICAL AND ELECTRICAL**

Project Name: Carleton Place Arena
75 Neelin Street
Carleton Place, Ontario

Project No.: 205
Date: 2021 January 20

MECHANICAL

- M9.1 CIR #30 – Existing Plumbing Vent on Exterior Wall:
As proposed, redirect this vent stack to the ceiling space and connect to new plumbing vent serving the plumbing fixtures in Staff Room.
New vent piping shall be as specified on Drawing M001, Mechanical Notes 10.4.
- M9.2 CIR#32 – Commercial Kitchen Exhaust Hood MUA Louver:
This Louver shall be VENTEX #2420.
Expected to be no change to the Contract Price.
- M9.3 CIR #34 – Existing HRV Duct:
As discussed on site on January 19th, 2021, the existing HRV Duct shall be routed through the roof, in the openings provided.
The HRV ducts shall be routed above the roof, and terminate in a galvanized steel gooseneck, with openings extended 36” above the roof deck.
Expected to be no change to the Contract Price.

ELECTRICAL

- E9.1 **CIR#13** – Breakers serving Rooftop Units:
As indicated on Drawing E001, Electrical Note 18.4, it is the Electrical Contractors responsibility to:
COORDINATE AND VERIFY ALL ELECTRICAL BRANCH CIRCUIT REQUIREMENTS FOR EQUIPMENT SUPPLIED BY OTHERS, PRIOR TO MATERIAL PROCUREMENT OR INSTALLATION.
Therefore, Electrical Contractor shall provide branch circuits to the Rooftop Units, as noted in the RTU shop drawings and equipment rating plates.
RTU-1 shall be 17MCA, 25A MOCP, 208V/3PH.
RTU-2,3 shall be 28MCA, 40A MOCP, 208V/3PH.
Expected to be no change to the Contract Price.
- E9.2 Light Fixtures in Dressing Room Washrooms Where Return Air Duct is Installed:
As discussed on site on January 19th, 2021, these Light Fixtures shall be wall-mounted at 96” AFF (per email by Leonel Lima (dated Jan 19, 2021)).
Expected to be no change to the Contract Price.

MORRIS Engineering Ltd.

E9.3 Light Fixtures in Dressing Room Showers:

As discussed on site on January 19th, 2021, these Light Fixtures shall be wall-mounted at 110" AFF (per email by Leonel Lima, dated Jan 19, 2021).

Expected to be no change to the Contract Price.

M. Morris P.Eng.



**CARLETON PLACE ARENA
ADDITION AND RENOVATIONS**
75 Neelin Street Carleton Place, Ontario

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Issue date: Sept 15, 2020
Revision date:

CIR # 13 Detailed Summary

Questions:

1. Drawing E-002 we have three 50A-3P breakers for RTU 1, 2 and 3 on our panel legend for P1.
 - RTU Shop drawings show RTU 1 cannot be protected with an overcurrent greater than 25A, and RTU 2 and 3 cannot be protected with an overcurrent greater than 40A.
 - Please provide instructions to adequately protect these units, as mentioned above and as per manufacturer recommendations are:
RTU 1- require 25A-3P Breaker
RTU 2 & 3 - require 40A-3P breakers

2. E-002-Electrical Panel P1, does not show a requirement for a dedicated circuit to emergency backup units, exit lights or microwave in staffroom 110.
 - Please provide instruction on how to proceed

End of CIR No. 13