

## **SITE INSTRUCTION NO. ME-08** **MECHANICAL AND ELECTRICAL**

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

**Project No.:** 205

**Date:** 2020 December 07

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### **MECHANICAL**

#### **M8.1 CIR #27 – RTU Orientation:**

Proposed orientation of the unit, with short run of supply air duct on the back of the unit, is acceptable.

Mechanical Contractor's claim that "The mechanical design was based on a Carrier RTU and this unit would have the same problem" is incorrect, as the CARRIER unit would not have the clearance issues due to the different orientation of the supply and return air openings in the Roof Curb. Also, offsets could have been made in the roof curb to span the 8" bond beam.

Exterior duct shall be insulated as follows:

- .1 All exterior ductwork shall be insulated with a 50mm (2in) layer of fiberglass insulation with protective cover.
- .2 Insulation shall be semi-rigid fiberglass insulation, with factory-applied, vapour retarder jacket (Kwikflex or approved equal).
- .3 Protective cover shall be pre-fabricated, self-adhering, sheet-type protective membrane, with uv-resistant aluminum weathering surface, over high-density, cross-linked polymer film, and a rubberized asphalt adhesive which sticks directly to the insulation facer (Flexclad or approved equal).

Expected to be no change to the Contract Price.

M. Morris P.Eng.