



54 Audia Court, Unit 2
Concord, ON L4K 3N5
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Request For Information 23-214-032

Jul 8, 2025

Project Name

CHRIS GIBSON REC CENTRE

Project Address

125 McLaughlin Rd N, Brampton, ON, L6X 1N9

To

Name

Ashish Singla

Company

RAFAT GENERAL CONTRACTOR INC.

Email

asingla@corebuildconstruction.com

Address

8850 GEORGE BOLTON PKWY BOLTON, ON L7E 2Y4

From

Name

PAUL LEDDY

Company

Consult Mechanical Inc.

Email

paul.l@consultmechanical.com

Address

54 Audia Court, Unit 2 Concord, ON L4K 3N5

Title

Gymnasium Ductwork

SCHEDULE IMPACT

Probable

COST IMPACT

Probable

RETURN BY

Jul 15, 2025

Information Requested

the route and locations of the duct from ahu3 to the gymnasium. It shows the s/a duct entering the gym at 500x1400 wch I think could be a typo. If we lay out that hole the bottom of the duct is 6foot 6 inches above the floor wich is too low. The other issue is that is we flip the duct to be 1400 wide and 500 tall we still do not have the required ceiling space to accommodate this. The ceiling in this area is @ 3000 from floor and the structural steel is @ 3480 from floor. 80mm will be lost in the framing of the ceiling or lights. This now leaves us 400 of space and the duct should be 500. I have attached a marked up drawing as well as a sketch to help illustrate the challenge here. I think we could suggested to change the profile of the duct to an equivalent so the ceiling can be maintained. A duct of 2000x350 or 1842x380 would maintain the same surface area and we could get it in the ceiling. Another issue here is that the return is shown to be right where a vertical steel beam is but I think we could just move it over as indicated on the drawing. We may have to have some conduits relocated or change the profile of this aswell