Request for Information - 43

Client: Neshama	Consultant: Hilditch Architect Inc
Project: Neshama Hospice	Project No.: 24-130
Location: 3 Cadillac Avenue, North York, ON M3h 1R9	
Issue Date: July 14, 2025	
Attention To: Sasha Stairs/Breagh Mckeough	Company: Renokrew
Prepared By (Renokrew): Jaimin Patel	Phone #: 416-604-7042

RFI #: 43

RFI Topic: Basement Ductwork Layout

Hi Sasha/Breagh,

Please see the below from Mechanical contractor and advise.

Thank you.

Project: Neshama Hospice

Regards,

Jaimin Patel

Renokrew.com | 46 Lepage Court, Toronto, ON, M3J 1Z9 | 222 Queen Street, Suite 1025, Ottawa, ON, K1P 5V9
T. 416-604-7042 | F. 416-633-4111

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Request For Information   24-256-003

Jul 11, 2025

Project Name

NESHAMA HOSPICE

Project Address

3 Cadillac Avenue North York, ON M3H 1R9

To

Name

Taranjeet Singh

Company

1568796 ONTARIO INC. C/A RENOKREW

Email

taranjeet@renokrew.com

Address

43 LEPAGE COURT TORONTO, ON M3J 1Z9

From

Name

PAUL LEDDY

Company

Consult Mechanical Inc.

Email

paul.l@consultmechanical.com

Address

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

Title	SCHEDULE IMPACT	COST IMPACT
Ductwork Layout Basement Block B	No	No

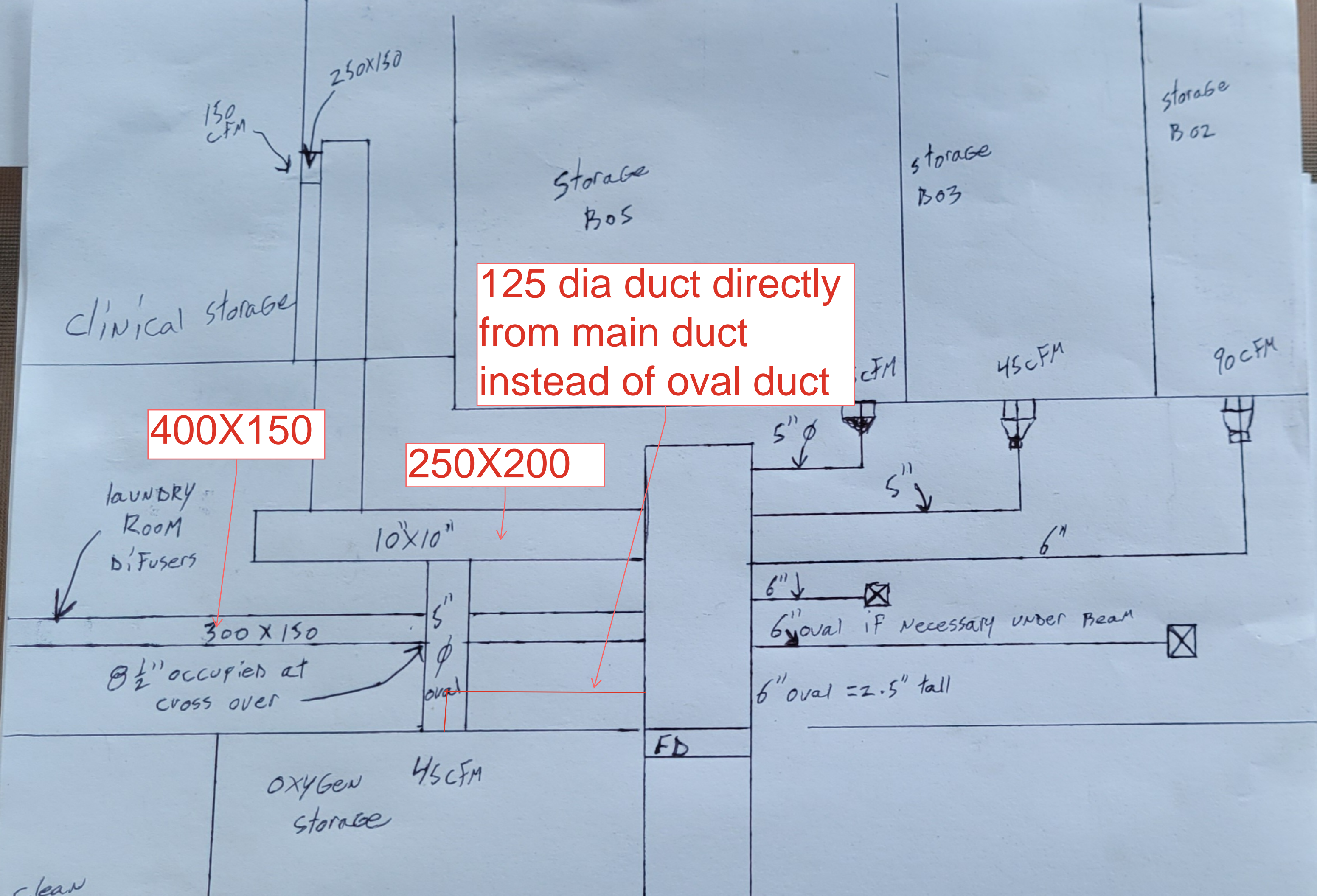## RETURN BY

Jul 18, 2025

Information Requested

We are proposing the revised layout in the attached Sketch in order to clean up some of the interferences in the corridor in Block B basement. Below verbiage from our General Foreman

"I drew a little sketch here of what may be the easiest way to do this without being in the way of lights etc. I have sized these ducts according to provided surface area and cfm given. It is always easier to run a round pipe so as these on the right with lower airflow and if it's tighter than I think we can always convert to oval pipe. There is a couple spots I would recommend oval pipe anyhow such as where the 2 ducts would cross each other in the hallway leaving 4".

Please advise if acceptable and we will proceed with install

Sustainglobe:

The proposed layout is acceptable. Two duct sizes need to be revised to meet the design criteria. The 125mm diameter oval duct shall be taken from main duct. 125mm round duct shall be installed. Refer to the markup below for details.

250X150

130 CFM

Storage B05

storage B03

storage B02

clinical storage

125 dia duct directly from main duct instead of oval duct

400X150

250X200

45 CFM

90 CFM

5" ø

5"

laundry Room Difusers

10"X10"

6"

300 X 150

5"

ø

oval

6"↓

6" oval if Necessary under Beam

8½" occupied at cross over

6" oval = 2.5" tall

FD

OXYGEN storage

45 CFM

clean