

Questions and Answers

1) On drawing M1.15, please indicate which exhaust fans are to be removed

A: Exhaust fans to be removed are indicated by linetype/hatching as shown on M1.15

2) On drawing M1. 10, the drawing calls us to relocate the gas lines. Please note there is a 4" gas main above these lines. Does this need to be moved also?

A: Gas lines to be relocated as required to facilitate installation of the central exhaust shaft. Addendum will clarify.

3) On drawing M2. 10, if we relocate the pipe risers to the location shown on the drawing they will be in the front electrical panels. Please advise.

A: Exact placement of piping risers to be coordinated with electrical such that access to existing services is not impeded. Clarification will be added in Addendum.

4) Please note on the 7th floor service corridor, there are gas cylinders hooked up to copper tubing feeding some lab which is not shown on the drawings to be moved for the new ducting.

A: Relocation of mobile equipment such as gas cylinders will be coordinated with Owner.

5) Who is responsible for removing the existing transite duckwork (Asbestos)?

A: General contractor is to delegate work within the contract

6) On drawing M2.33, it shows us to tie-into the existing heating and cooling feeding AHU 55, 53, 56, and 57, but drawing M4.01 calls for new pipe to these units. If new pipe is required please provide a sketch of the location of these units.

A: Existing chilled water pipe distribution is not to be modified. Existing hot water distribution is to be demolished as per drawing M4.00. Provide new pipe distribution as per drawing M4.01. Addendum will clarify.

7) Re: Electrical Drawing #e2.11 showing the electrical relocations for the installation of the new 1050 x 1750MM insulated ductwork: Please confirm that the existing "Repeated Junction Boxes" and associated 4" conduit on Floors 4, 6 and 7 do not have to be relocated to allow for the installation of the new duct. If these items do need to be relocated, please provide the exact location of where they are to be located and the quantity.

A: Site measurements indicate that the new duct will not interfere with Repeater Junction Boxes and associated 4" conduit. New duct installation will require careful on-site coordination during construction.

- 8) Re: Electrical Drawing #E2.11 showing the electrical relocations for the installation of the new 1050 x 1750MM insulated ductwork: Please confirm that the existing 400A bus duct and associated cables and bus plugs do not have to be relocated to allow for the installation of the new duct. If these items do need to be relocated, please provide the exact location of where they are to be located and the size and quantities of the bus plugs and associated feeders that would also have to be relocated.

A: Site measurements indicate that the new duct will not interfere with level 4 bus duct and bus plugs. New duct installation will require careful on-site coordination during construction.

- 9) Re: Penthouse new 1050x 1750 MM insulated ductwork installation: Please confirm that existing MCC "AD" nor any of the associated conduits and cables do not have to be relocated in order to facilitate the installation of the new duct work. If relocation is required please provide details of what and where any of these items have to be relocated to including conduit/cable sizes etc.

A: Site measurements indicate that the new duct will not interfere with existing MCC "AD". New duct installation will require careful on-site coordination during construction.

- 10) Re: Penthouse new 1050x 1750 MM insulated ductwork installation: Please confirm that no existing electrical components or conduits have to be relocated in order to facilitate the installation of the new duct work. If relocation is required please provide details of what and where any of these items have to be relocated to including conduit/cable sizes etc.

A: Existing devices in the penthouse to be demolished or relocated are noted on drawing E2.12.