

22 July 2019

FAO: Case Officer – Parliament Hill School Redevelopment  
Kristina Smith  
Senior Planner  
Camden Council

CONSULTING ENGINEERS

Civil Engineering  
Structural Engineering  
Traffic & Transportation  
Project Management  
CDM Services

Dear Sirs,

PARLIAMENT HILL SCHOOL, CAMDEN, LONDON  
MORANT BUILDING- DEMOLITION OF VENTILATION STACK

As part of the construction of the new teaching block, adjacent to the Morant building at Parliament Hill School, Highgate Road, Camden, it was necessary to remove the stair tower at the Southern end of the Morant Building. The stair tower included a water tank room at roof level, and adjacent to this was a brick-built ventilation stack which served the classrooms below.

The stack was originally restrained against wind loading by the roof slab of the water tank room. When the tank room and stair were demolished, that restraint was removed and the stack would not have had sufficient stability to resist wind loading. This would have presented a considerable safety risk to the users of the building. Therefore it was necessary to remove the stack to facilitate the demolition of the stair.

Without some form of restraint, it would not have been possible to reinstate the stack to its original dimensions. The safest and most practical solution, from a structural engineering perspective, is not to reinstate the stack.

If you have any further queries please do not hesitate to contact us.

Yours faithfully



Dr Paul Keown  
Director

**Doran Consulting**

Our ref: rfk/152046

cc: Ms Riona Magennis, Farrans Construction



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