



26th May 2014

46 AVENUE ROAD, LONDON NW8
Description of proposed mechanical services

Mechanical ventilation and air conditioning will be installed to all of the new basement areas. Boiler, ventilation and pool filtration equipment will be located in new basement plantroom at the end of the pool hall. A central air conditioning condensing unit will be housed in a plant enclosure at the rear of the new summer house, which will have acoustic louvres for air circulation as indicated in the acoustic report prepared by NVP Ltd.

Fresh air inlet and exhaust ducts from the ventilation plant will include silencers and will terminate on the inside face of the acoustic louvres.

There will be no external mechanical equipment.

Air conditioning will be by a variable refrigerant flow (VRF) system of indoor fan coils connected by refrigerant pipes to the central condensing unit. The swimming pool area be environmentally controlled from a ducted dehumidification and ventilation unit. Fresh air to other occupied rooms in the basement will be provided by a secondary heat recovery ventilation unit.