Weatherite

E.8873/DA

Design & Access Statement
Maida Vale T.E.

The cooling units selected for this project are Weatherite BTR 30 V2
Each unit has a cooling duty of 34.5 kW when operating on the design conditions specified by BT. The supply fan is powered by low energy EC motor with a variable speed drive, which is highly efficient. When operating in "free cooling mode", it typically consumes only 4 amps / phase.

These unit draw in air at low velocity, from louvres that will replace two existing windows. The air is then passed through a ductwork distribution system and finally exhausted to atmosphere via two louvres, on the same side of the building.

The louvres selected for the project are single bank standard blade type for the air inlet and exhaust.

The only building work that is involved in this process is the removal of the glazing, which will be replaced by louvres as shown on drawing WBSS 1334 A

The site will not be developed or enlarged in any way.

The use of the floor space will not be changed, it will continue to house telecommunications equipment.

The scale of the building will remain unchanged.

The appearance will not be radically altered; some of the original windows have already been changed for louvres. The new louvres will be finished to match the existing. The extent of the change is illustrated on drawings that accompany this statement.

There will be no changes to any landscaping.

There will be no changes to the existing access arrangements of this building either during the works or following completion of the works.