



PHILIPS SURVEYORS

BUILDING SURVEYORS, DESIGNERS & CONSULTANTS

SITE:

THE OLD NICK, 20 – 22
SANDLAND STREET,
HOLBORN, LONDON.
WC1R 4PZ

PROJECT:

INSTALLATION OF
A/C UNIT

2466/22/CST

PHILIPS SURVEYORS LLP

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78 LOWER STREET
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COOLING HEIRARCHY STATEMENT



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1.0 INTRODUCTION

- 1.1 The installation of the air-conditioning unit has been assessed against *Policy CC2 – Adapting to climate change*, incorporating the *Camden Planning Guidance; Energy efficiency and adaptation*.

2.0 COOLING HEIRARCHY

Minimise internal heat generation through energy efficient design;

- 2.1 [a] All pipes connecting the external / internal fan shall be fully insulated to reduce heat gain to the surrounding area.

Reduce the amount of heat entering a building during summer;

- 2.2 [a] All pipes connecting the external / internal fan shall be fully insulated to reduce heat gain to the surrounding area.

Manage the heat within the building through exposed internal thermal mass and high ceilings;

- 2.3 [a] Not applicable to application.

Passive ventilation;

- 2.4 [a] Not applicable to application.

Mechanical ventilation;

- 2.5 [a] The proposed system has been designed to be as efficient as possible, including the shortest, most appropriate location / layout.
[b] Heat recovery system is not appropriate for cellar cooling.

Active cooling;

- 2.6 [a] The proposed cooling system is the most appropriate for the intended use.