Zone of Visual Influence

Prepared by Millerhare

Submitted on behalf of Lab Selkirk House Ltd

Selkirk House, 166 High Holborn and 1 Museum Street, 10-12 Museum Street, 35-41 New Oxford Street and 16A-18 West Central Street, London, WC1A 1JR

April 2021

Rev 00

1 Museum Street, Holborn, London WC1A

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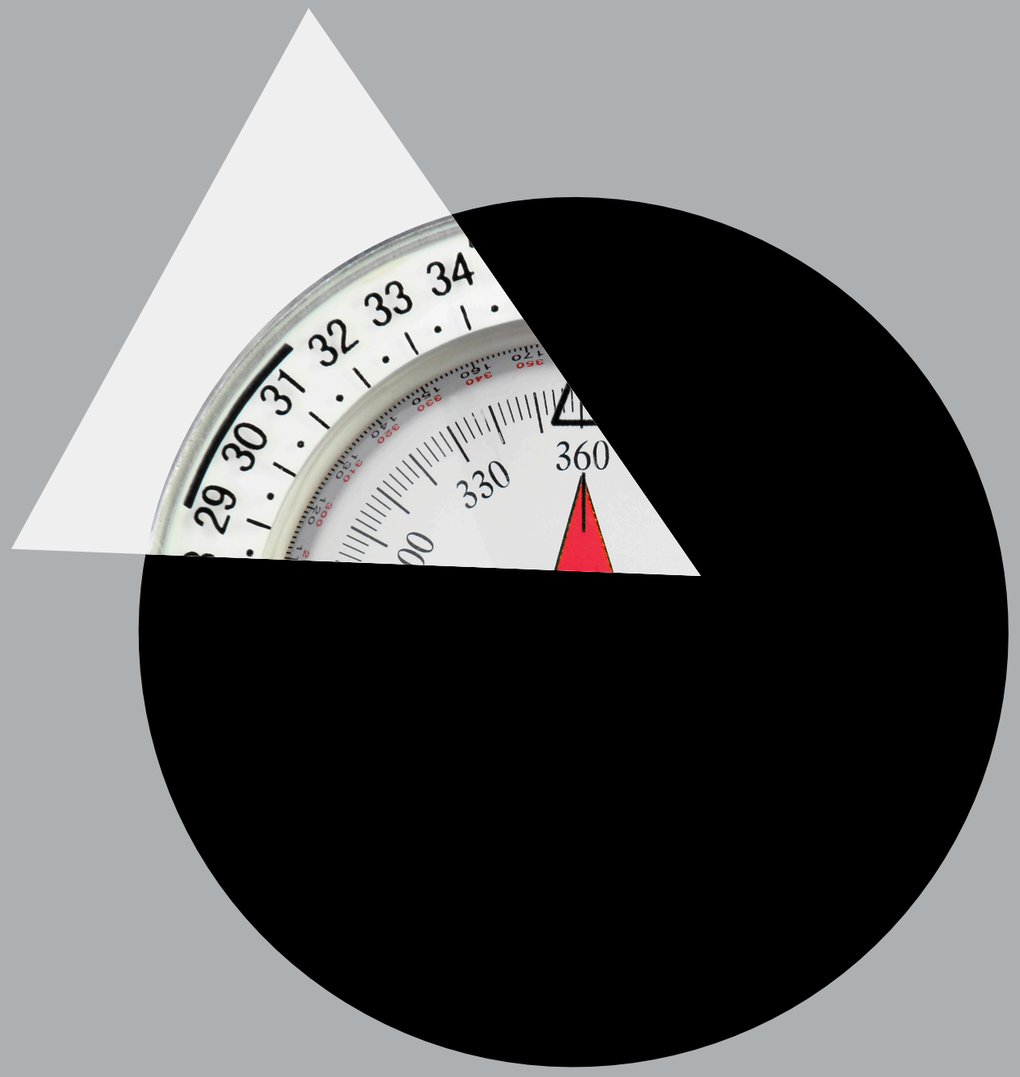

millerhare

Miller Hare Limited
Mappin House
4 Winsley Street
London W1W 8HF

+44 20 7691 1000
info@millerhare.com

1 Museum Street, Holborn, London WC1A

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Client
Lab Selkirk House Ltd

Architect
DSDHA

Planning Consultant
Iceni Projects

Townscape Consultant
Peter Stewart Consultancy

Visualisation
Millerhare

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1 Zone of Visual Influence

1.1 This study provides a comparative analysis of the visibility of the proposal at 1 Museum Street, Holborn, London WC1A. The study uses the method of "shadow casting" whereby light sources are placed within a computer model of the proposal and its context. These lights then cast shadows onto the ground plane of the model. From these shadows diagrams of visibility are created.

1.2 This technique does not assess the amount of a development that is visible, only those areas where at least some part of a development is visible.

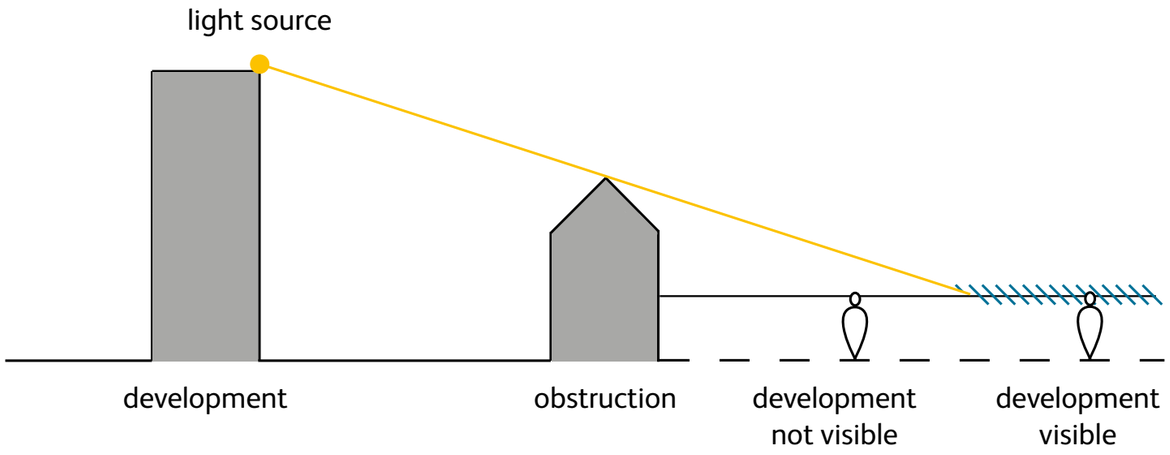
Methodology

1.3 This study is generated using a simple computer model that combines an accurate model of the proposed scheme with a highly simplified model of the surrounding context (with buildings shown to an accuracy of approx +/ – 1.5m).

1.4 Into this model a series of light sources are placed at the upper extremities of the scheme being studied.

1.5 From this model a plan view of the study area is generated showing the light sources casting shadows onto a surface raised 1.6m above the normal ground level. Any part of this surface that is exposed to one or more light sources will be shown in a coloured tone, indicating that at least some part of the scheme is visible from this position.

1.6 It should be noted that this method will not produce reliable results where there is a discontinuity in the test surface such as at steps, retaining walls etc.



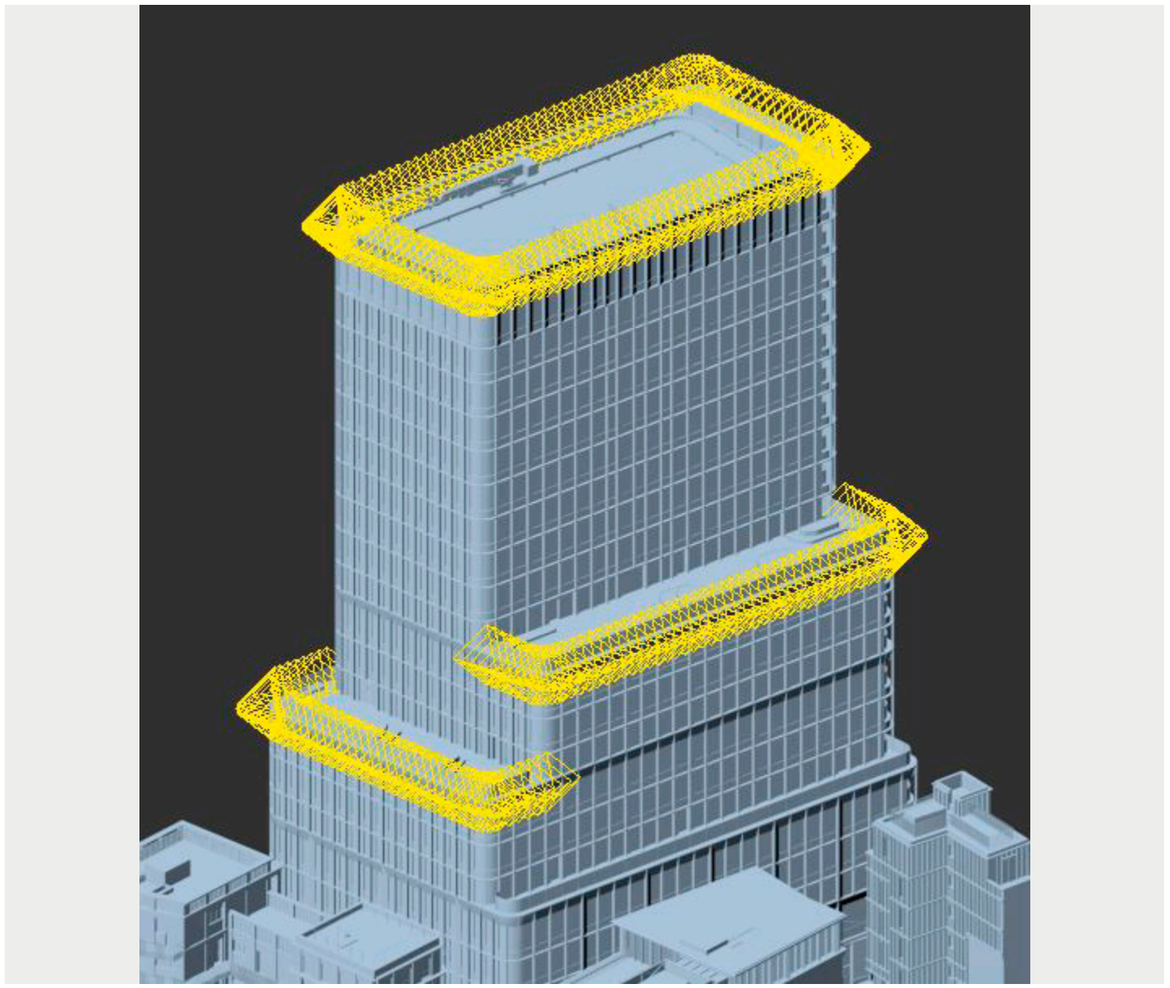
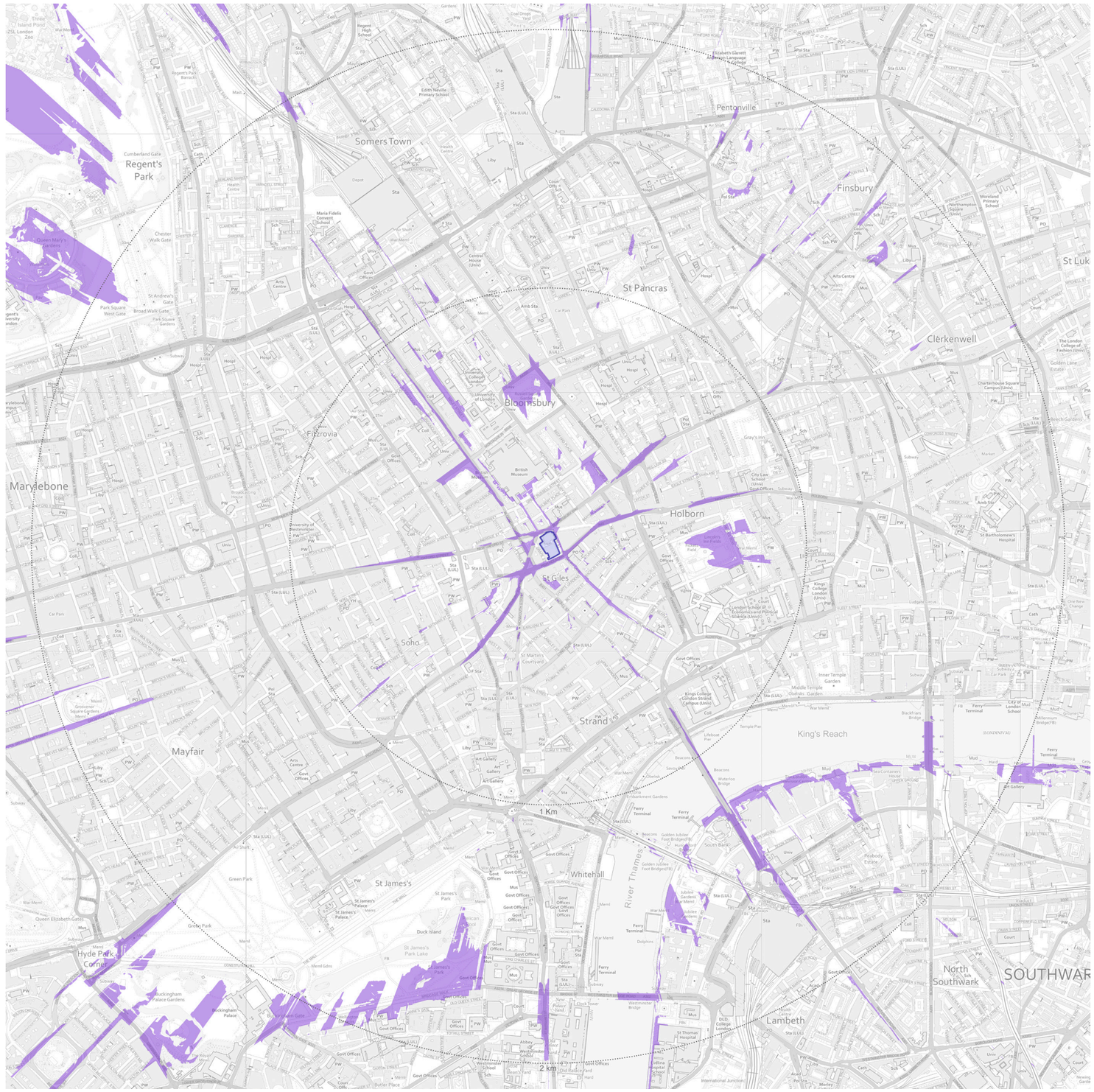


Fig 1: Model Overview (Millerhare ref: +detail210126-dsdha-proposed



Plan diagram showing areas of visibility.

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