

LIGHT
PERCEPTIONS

Lighting Consultancy and Project Management for Historic Buildings





St John at Hampstead

External Lighting Project – Lighting Design Concepts [R2v2] – March 2019



1. Introduction



ST JOHN AT HAMPSTEAD

Hampstead's Parish Church sits in a prominent position along Church Row and is clearly visible from a number of key viewpoints across the local area, particularly to the south and east. The spire is already well lit and is a recognisable local landmark in the night-time environment. However the old lighting to the front elevation, seen from Church Row to the east, has not worked for some time.

A successful lighting scheme for the church should address all the key viewpoints of the church, presenting a balanced and honest representation of its structure without causing interference to any neighbouring buildings nor any unnecessary or unavoidable light pollution. However, lighting design, particularly for historic building exteriors can be a very subjective matter and therefore it is crucial to develop a design through consultation not only with a client steering group but also with neighbours and other local stakeholders.

As well as dominating the immediate skyline with its prominent spire the churchyard paths are used as regular cut throughs by local residents and passers by. The existing amenity lighting, maintained by the local authority, consists of one traditional lantern to the front of the church and one over the gate to the north side. On the building itself there is a set of rather industrial wall lights that give inconsistent light to some of the pathways.

To the west the existing lighting is recognised as a nuisance to adjoining properties. Some of these fittings are in a very poor state of repair and some are awkwardly positioned leaving some lengths of pathway unlit and increasing trip and slip hazards from some uneven areas and intermittent kerb stones.

There is an obvious need to improve the path lighting to the immediate perimeter of the church building and to the paved frontage.



This project has been commissioned to follow the installation of a new internal lighting scheme which will be completed for Easter 2019. Having addressed the lighting needs within the church, The PCC now seek to improve the subtle highlighting of its exterior, enhancing its profile as an important landmark within the local surroundings as well as significantly improving the amenity lighting.

The scheme is also required to pay particular attention to the need to minimise any form of light pollution and any visual interference to neighbouring residential properties. There is of course a further requirement to provide an energy efficient and low-maintenance installation using low energy LED light sources.

This initial proposals sets out the fundamental lighting concepts under consideration and follows briefing meetings with the client group and a very successful lighting trial carried out in March 2019.

The lighting trials were a hands-on session to which representatives of the church buildings committee were invited to view the individual lighting elements and comment on the results. Discussions covered the level of complexity of the system, colour temperature, relative levels of intensity, options for lighting control and energy consumption. Overall the evening was considered to be very productive, setting the scene for the proposals which are summarised in the following slides.

It should be noted that these are concept illustrations only, intended for review by the PCC and then for submission to the DAC, Local Authority and other stakeholder groups for informal or pre-application advice.

Detailed and technical design stages will follow after any further feedback has been received from the above consultation process.



2. Lighting Design Concepts





Existing view





Insufficient light from
the lamp column



Path light increased
from low level fittings
in soft landscaping



Uplight to Spire



Wash to Tower



Wash to Clock



Wash to Façade



New downlight
in entrance



Existing view



Path light fittings added
in soft landscaping
(4 per side)



Path light increased
from low level fittings



Existing view



New fittings added



Up / downlight light to
the building elevations
and the pathway



Existing view



New fittings added



Up / downlight light to the building elevations and the pathway



Existing view



New fittings added



Up / downlight light to
the building elevations
and the pathway



Existing view



New fittings added



Up / downlight light to
the building elevations
and the pathway



Existing view



Low level fittings added



Additional lighting to pathway

3. Cad Layout



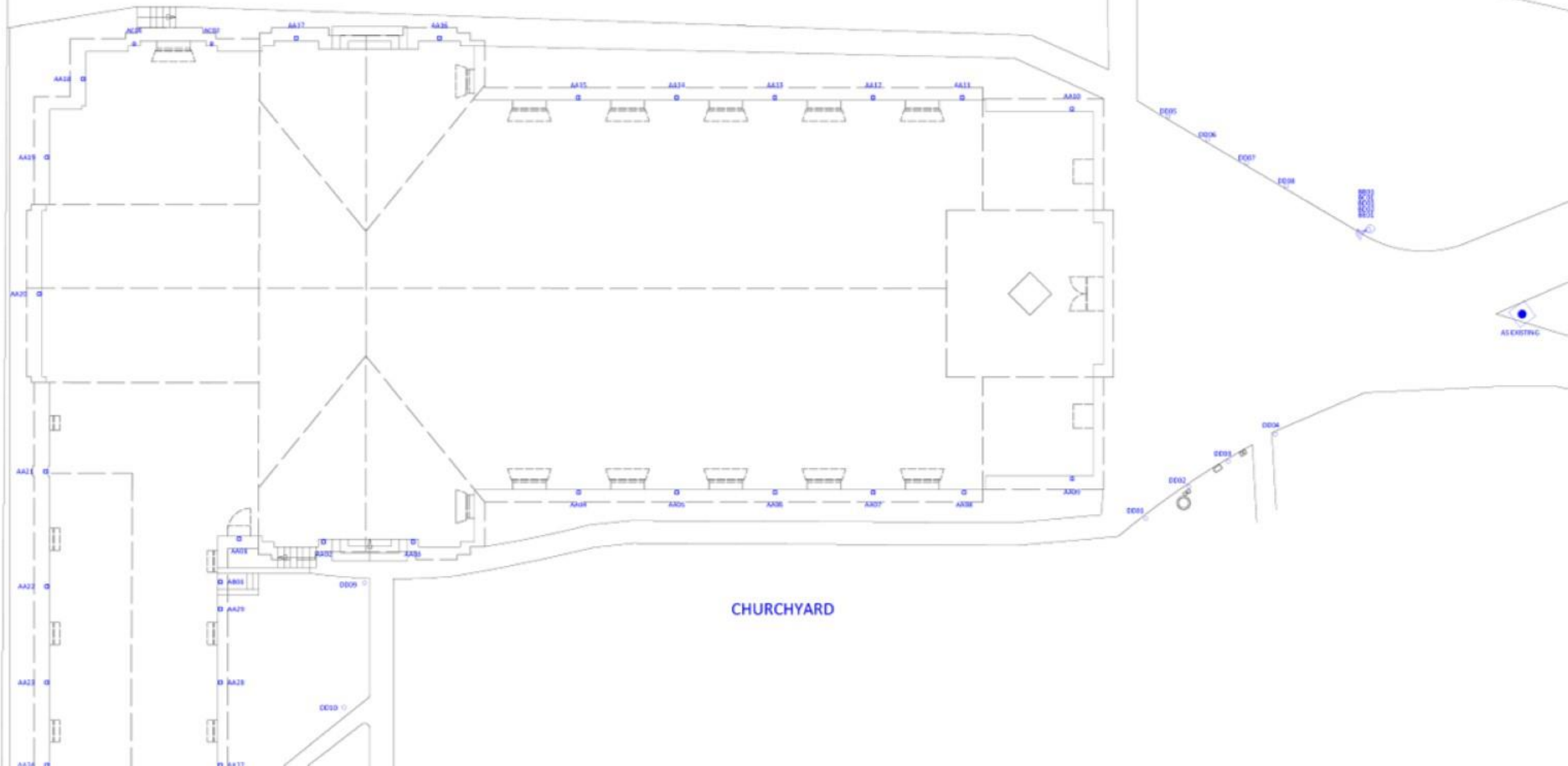
CHURCH ROW

AS EXISTING

AS EXISTING

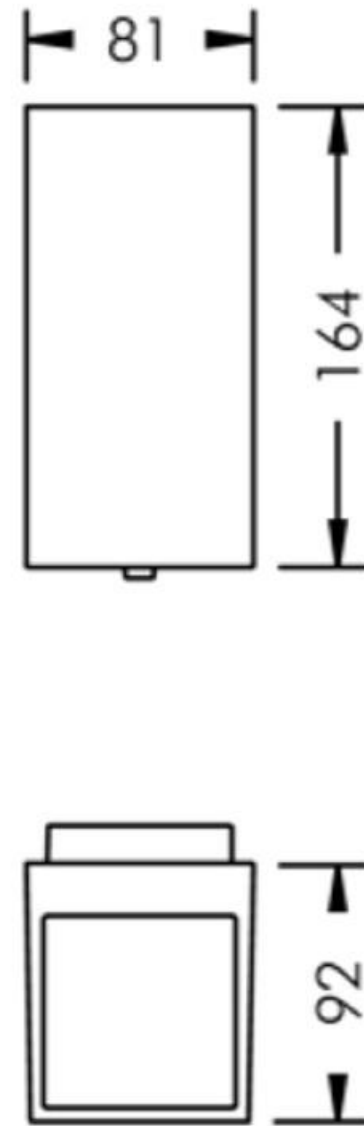
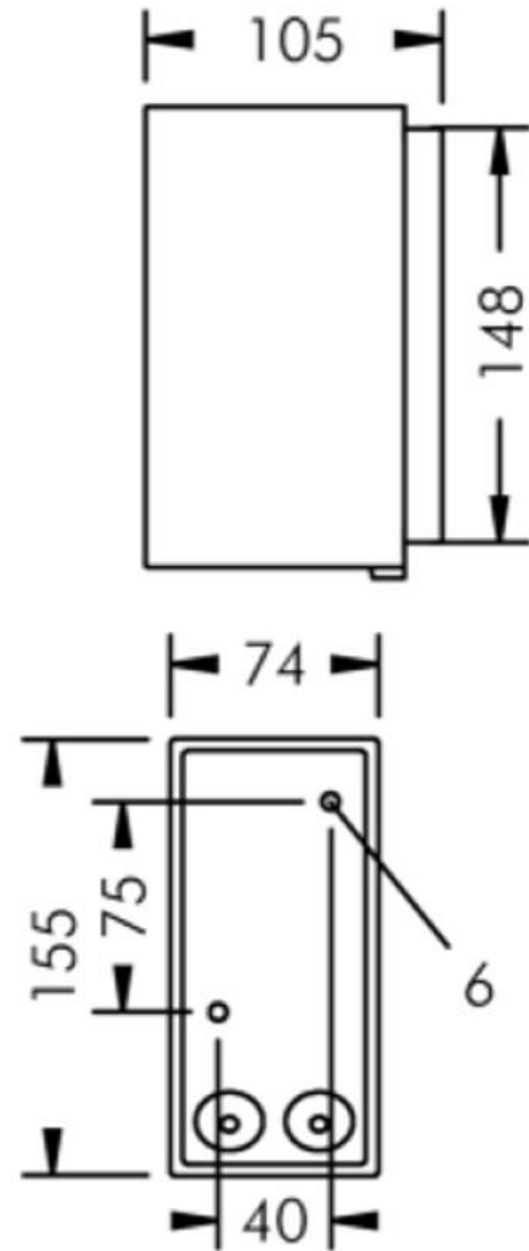
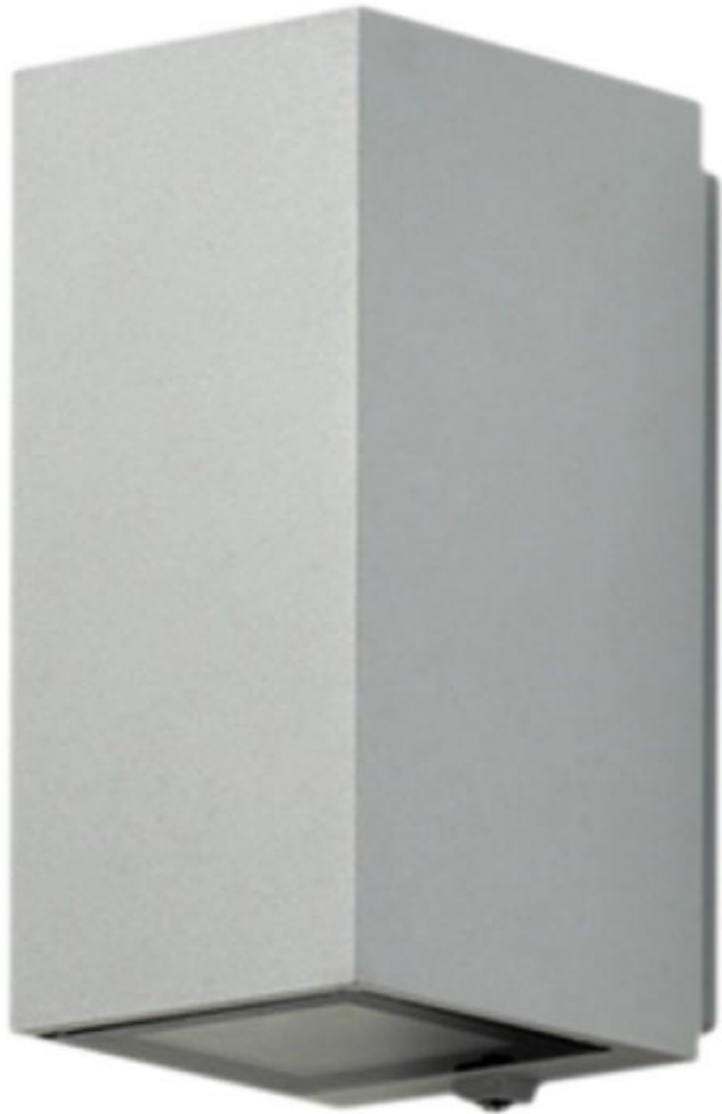
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CHURCHYARD

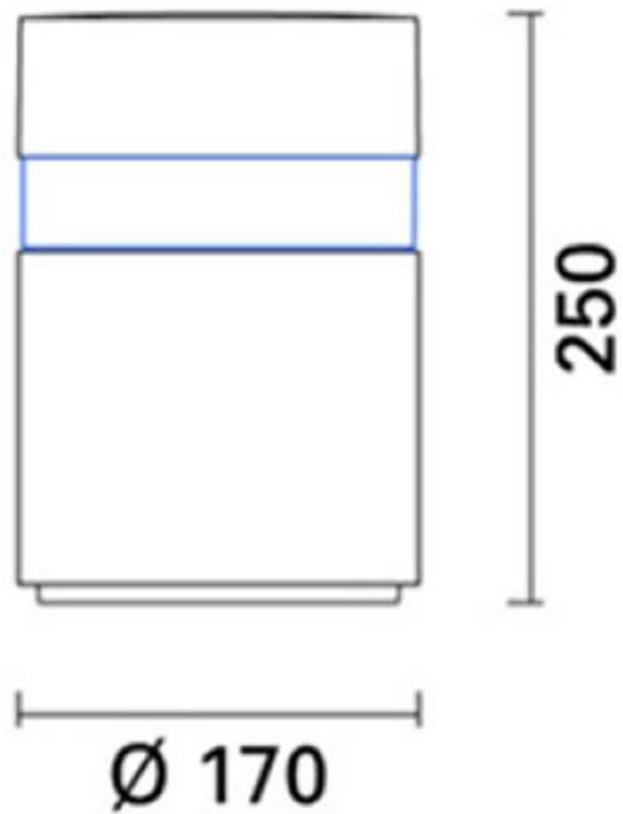


4. Typical Luminaires

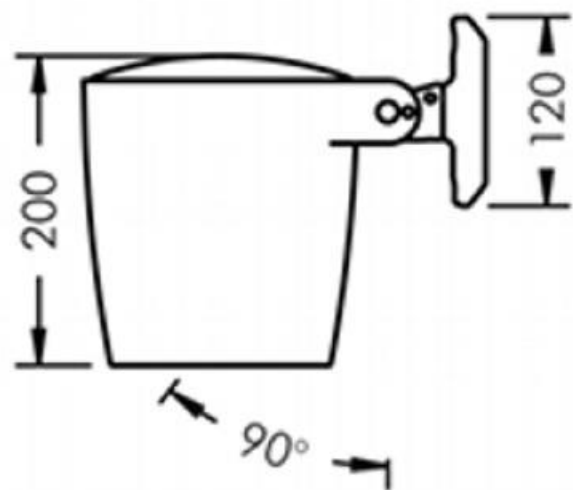
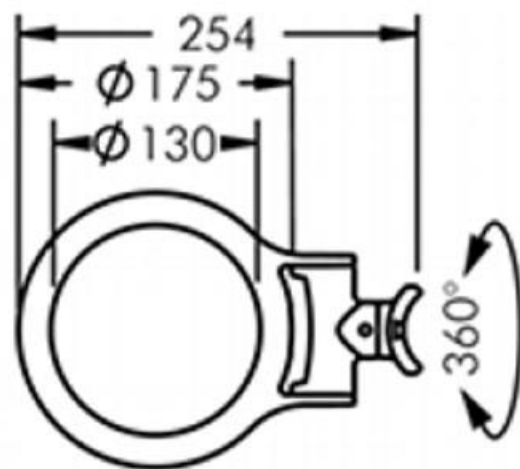
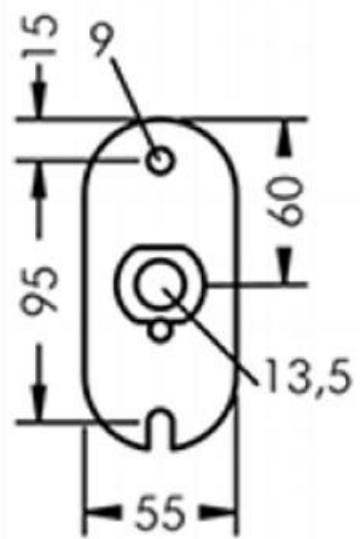




Wall Lights
(to be black finish)



Low level path lights
(to be black finish)



Spot lights

(to be black finish)



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