



Lighting and Illumination Technology Experience  
Limited

Architectural



Case Study

# Renfrew Town Hall

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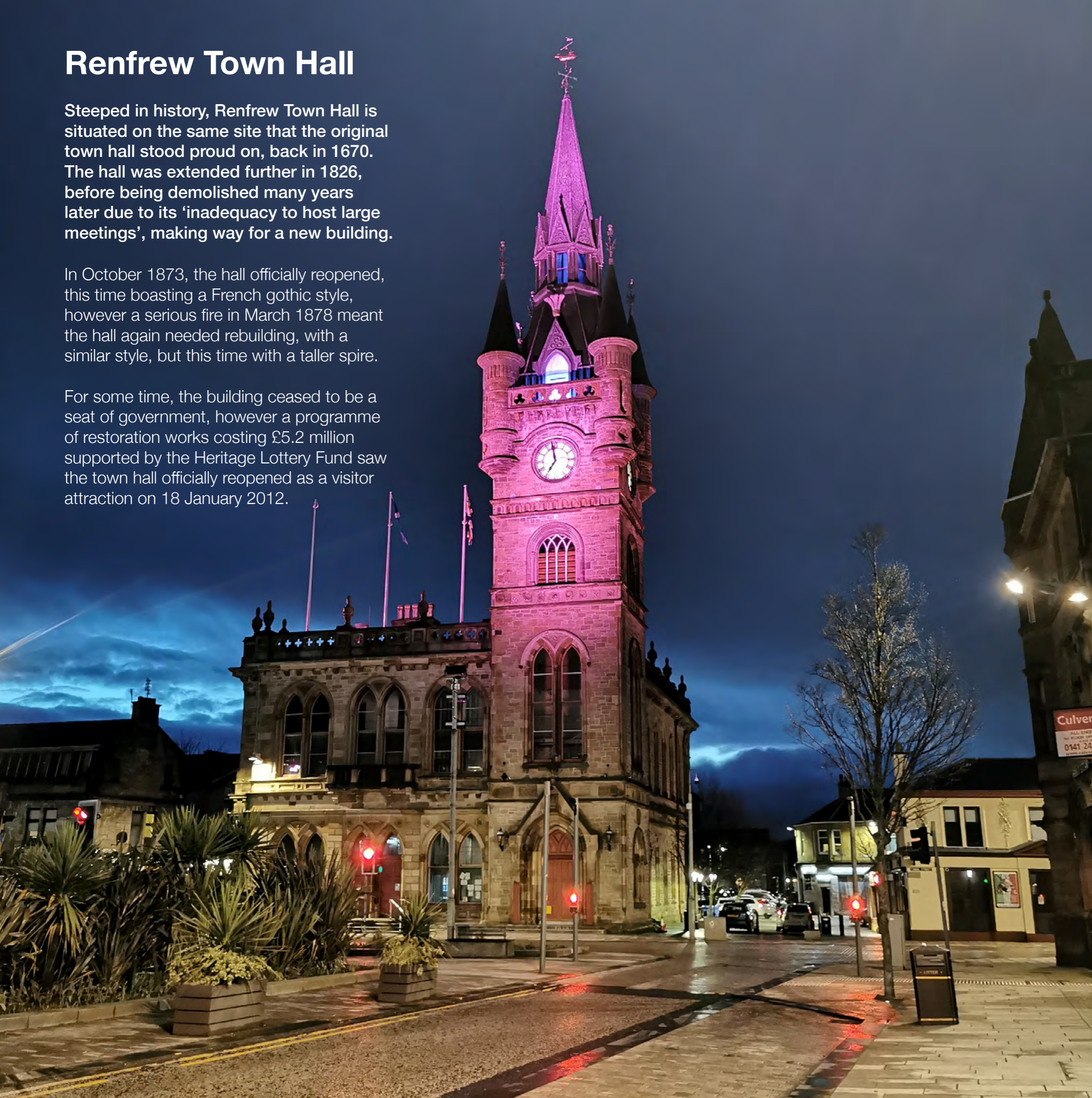
PHILIPS COLOR KINETICS

# Renfrew Town Hall

Steeped in history, Renfrew Town Hall is situated on the same site that the original town hall stood proud on, back in 1670. The hall was extended further in 1826, before being demolished many years later due to its 'inadequacy to host large meetings', making way for a new building.

In October 1873, the hall officially reopened, this time boasting a French gothic style, however a serious fire in March 1878 meant the hall again needed rebuilding, with a similar style, but this time with a taller spire.

For some time, the building ceased to be a seat of government, however a programme of restoration works costing £5.2 million supported by the Heritage Lottery Fund saw the town hall officially reopened as a visitor attraction on 18 January 2012.

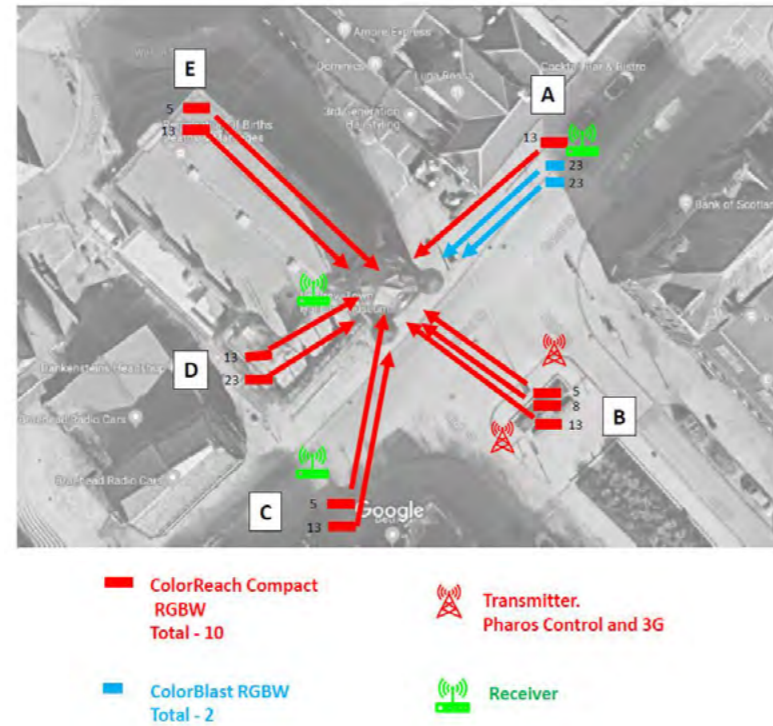


With a strong heritage of bringing buildings to life, LITE were approached by Renfrewshire Council in 2019 to deliver a dynamic lighting scheme for Renfrew Town Hall to enable the building to shine throughout the evenings. A dynamic scheme would also allow for the building façade to respond to national events, and celebrations through different coloured schemes.

Having explored several options, it was decided the focus would be lighting for the main Spire Structure, and this would be remotely illuminated, meaning any planning challenges were overcome quickly and the project could proceed at pace.

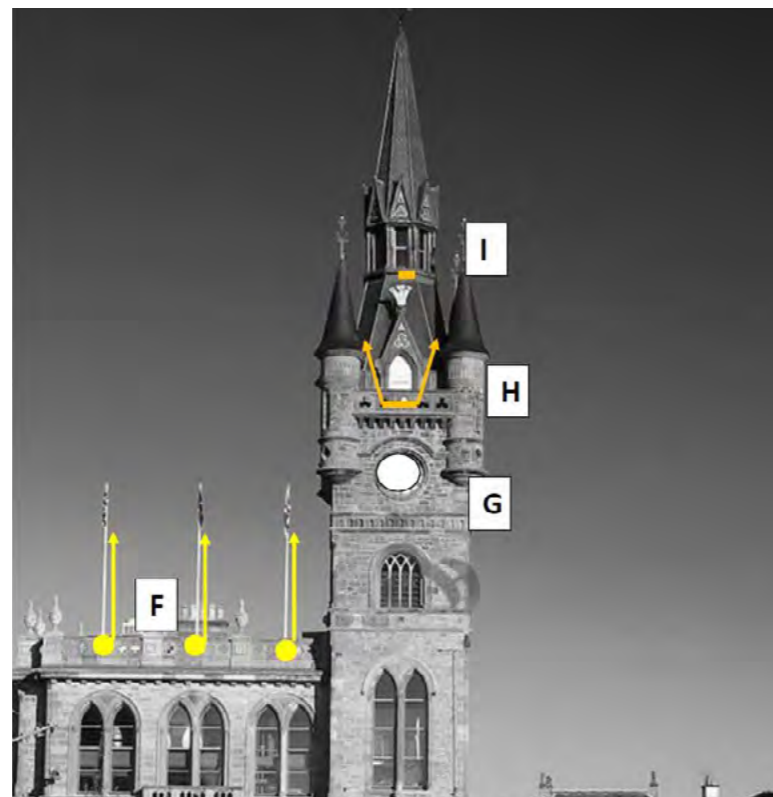
Using Color Kinetics ColorReach Compact RGBW, from our carefully curated portfolio, LITE used three existing columns and two roof positions as ideal locations for the main “body” of the structure to be washed. The narrowest optics were used to ensure light spillage onto surrounding buildings was kept to a complete minimum.

Spire Remote Lighting : Overview



To further enhance the Spire, Color Kinetics ColorGraze RGBW fittings are positioned towards the top of the spire, behind a parapet and therefore obscured from sight. These are easily accessible via a door entrance for any future maintenance works. In addition, three flagpoles are individually lit using Color Kinetics ColorBursts at the base, and there is some internal lighting behind the four clock faces and the glazed area at the very top.

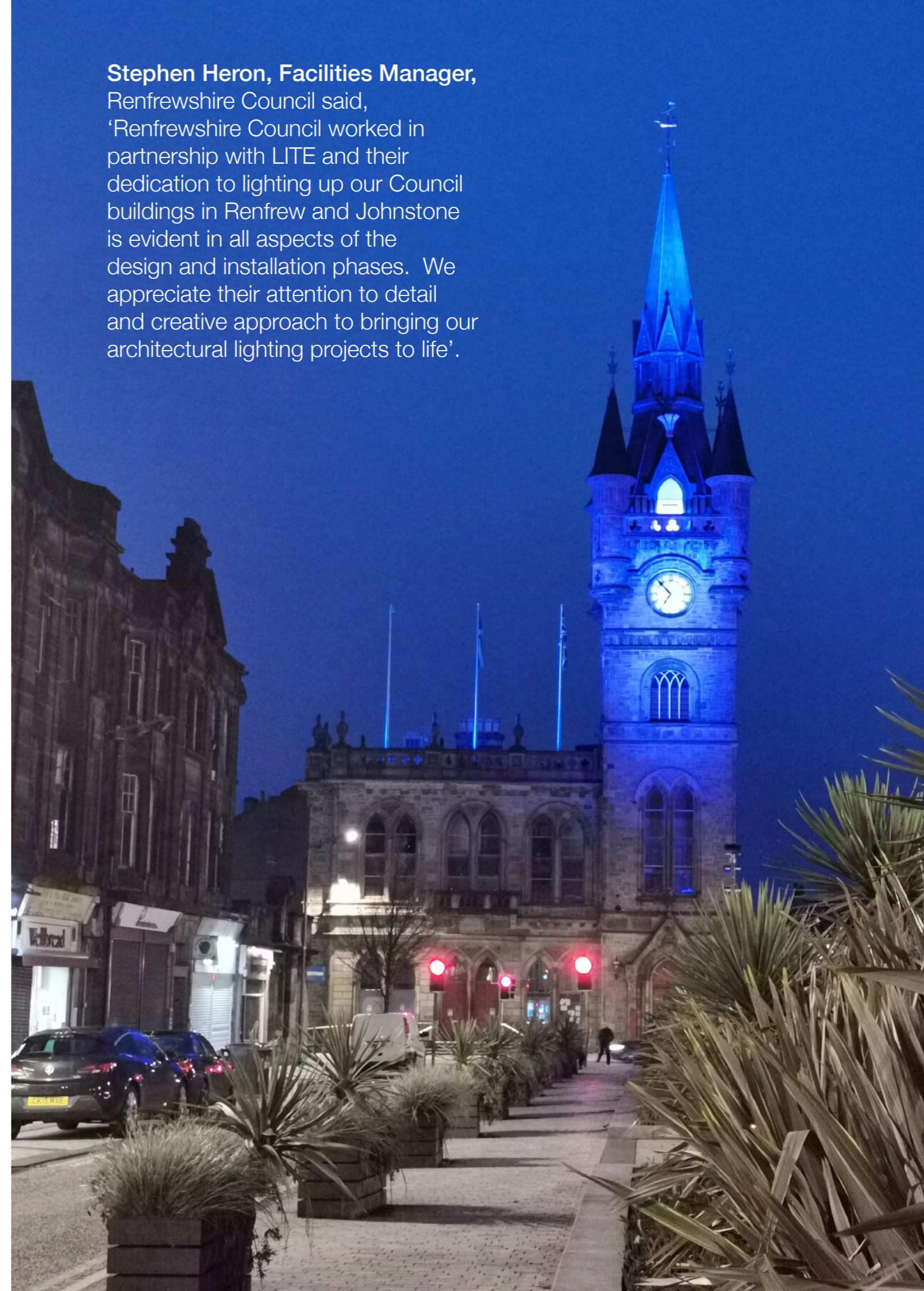
The main control of the installation is located adjacent to the highest column where a wireless DMX transmitter is housed to pulse the signal to the other two columns and the main building. The Controller used is a Pharos LPC working with a 3G remote router to provide the client easy remote access.



F Flagpoles  
● ColorBurst RGBW – 3no  
G Clockface  
○ ColorBlast RGBW 80degree – 4no  
H Top Spire “Parapet”  
— 4ft Color Graze 30x60 – 4no  
I Top Spire “Internal”  
— 1ft Color Graze 30x60 – 4no

The project was completed in an impressive two week timeframe.

Stephen Heron, Facilities Manager, Renfrewshire Council said, ‘Renfrewshire Council worked in partnership with LITE and their dedication to lighting up our Council buildings in Renfrew and Johnstone is evident in all aspects of the design and installation phases. We appreciate their attention to detail and creative approach to bringing our architectural lighting projects to life’.





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