

DESIGN ELEMENTS: LIGHTING CONCEPT - "THE GREAT WHITE WAY"



PERSPECTIVE VIEW - Looking North between Nelson St. and Smithe St.

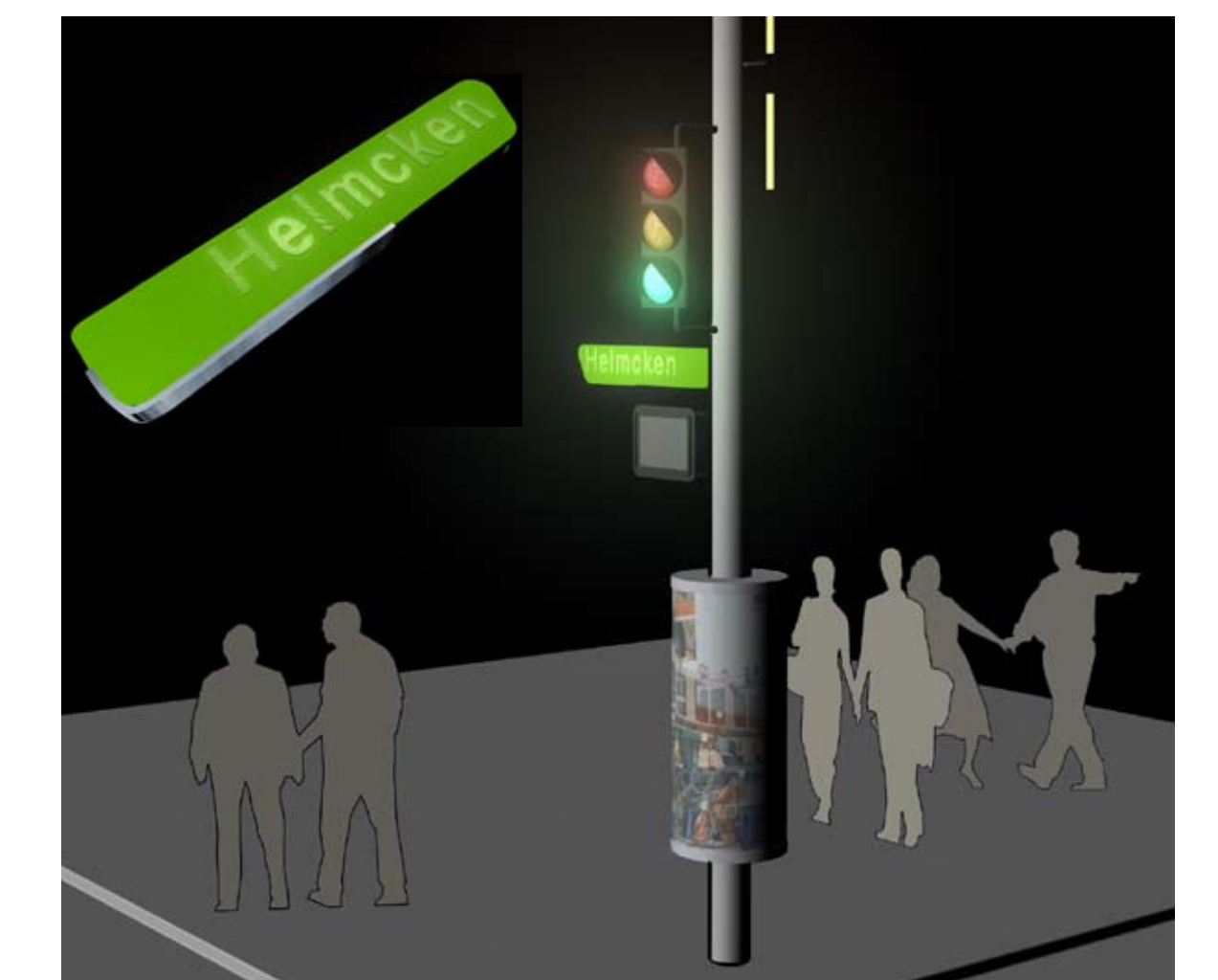
LIGHTING VARIATIONS

"ENHANCING THE GREAT WHITE WAY WITH COLOUR"

As a variation on the vertical light column concept, the illuminated light columns may be enhanced with colour Light Emitting Diode (LED) Technology. These elements would have the ability to change colour, responding to changes in time, season, and highlighting important locations and events along the street.

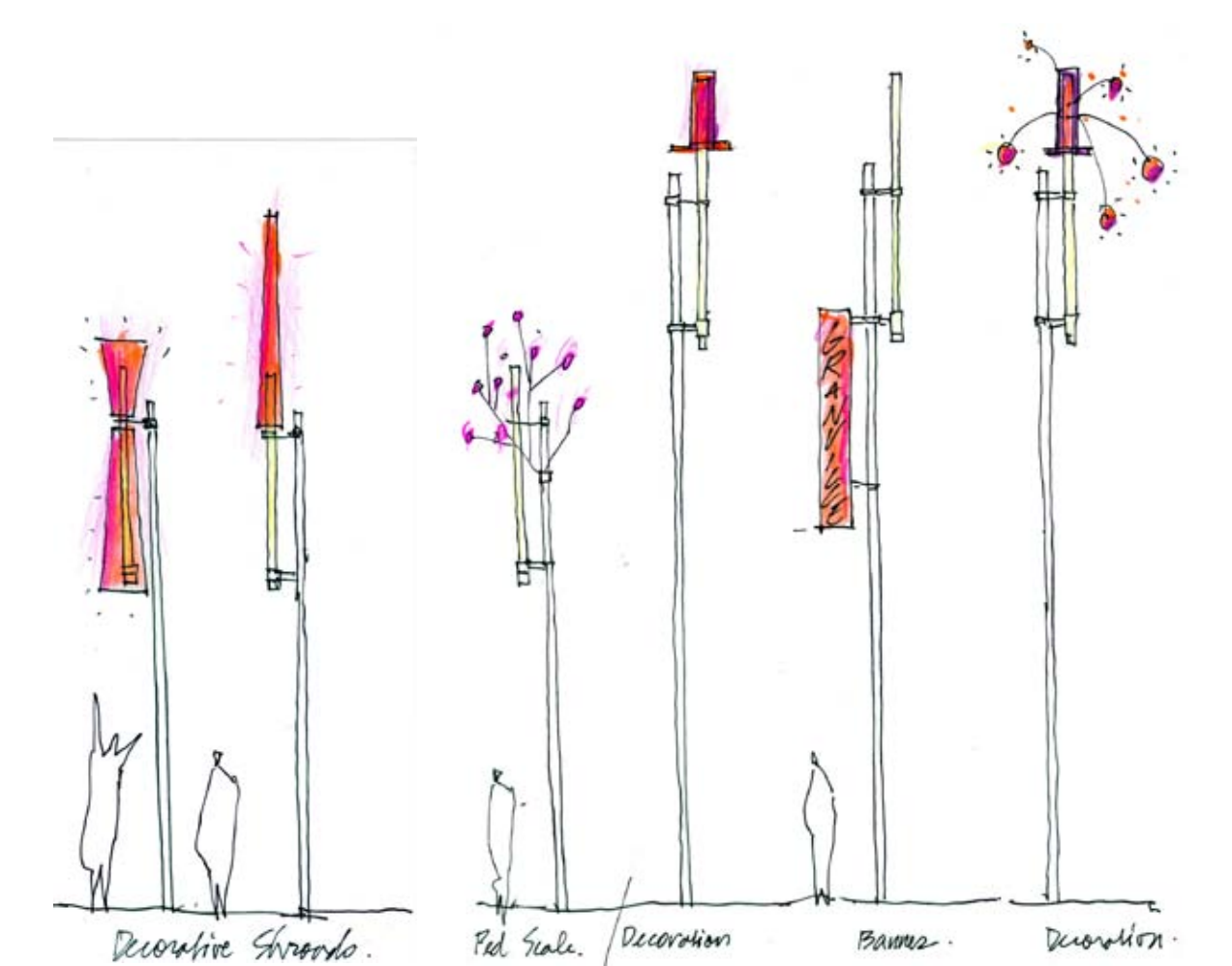
ILLUMINATED SIGNAGE

Street signage and information kiosks would be illuminated at night using LED technology. This lighting approach would be a means of improving the visibility of the way-showing signage system at night, and would enhance the illuminated character of the street. These elements would be affixed to the roadway/transit pole columns along with the vertically mounted light rods and traffic signals.



SEASONAL EVENTS

The Light-Rod System of white light could be enhanced with translucent coloured sleeves that could be added during seasonal festivals and events. These added elements could take on a wide array of forms depending on the event.

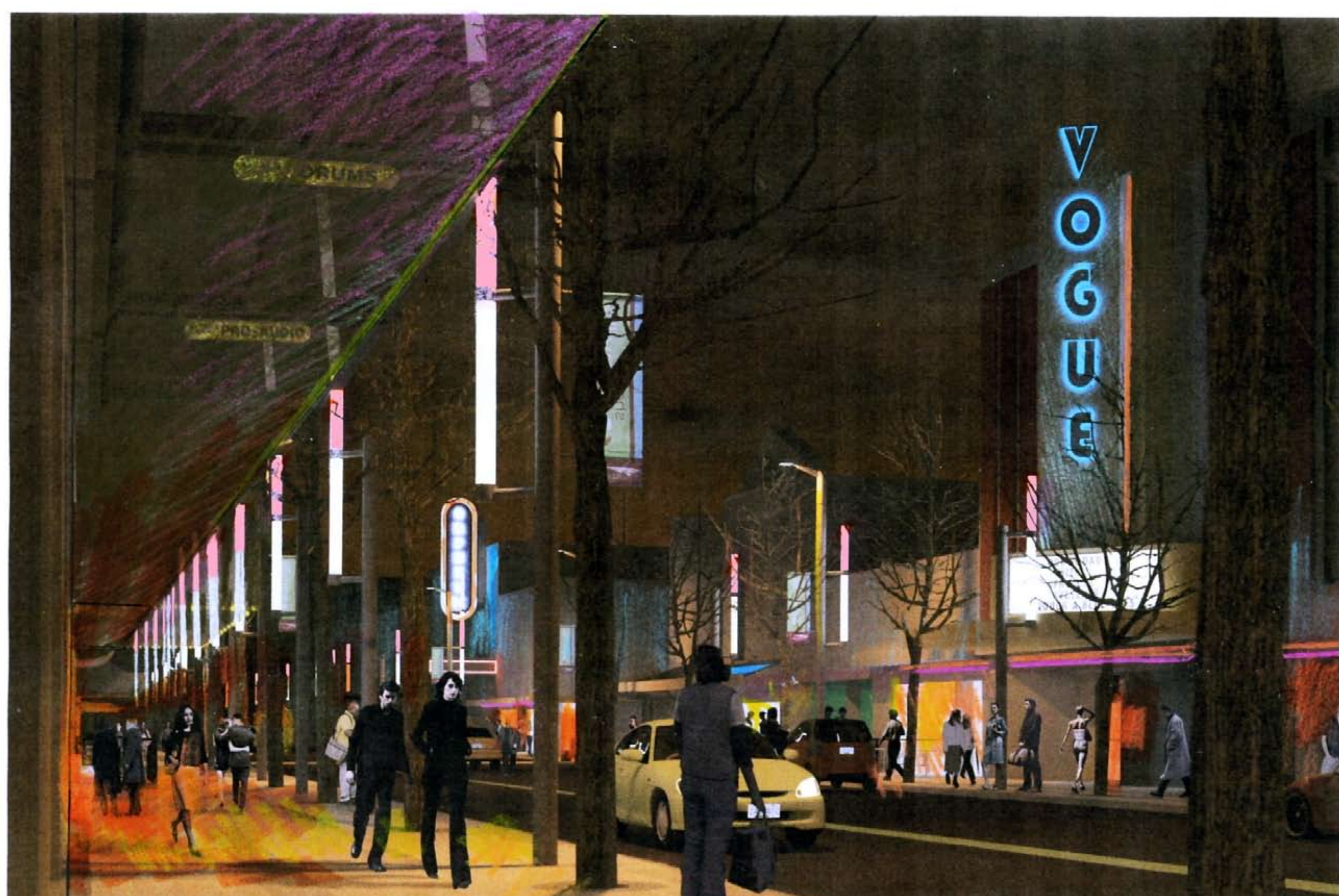
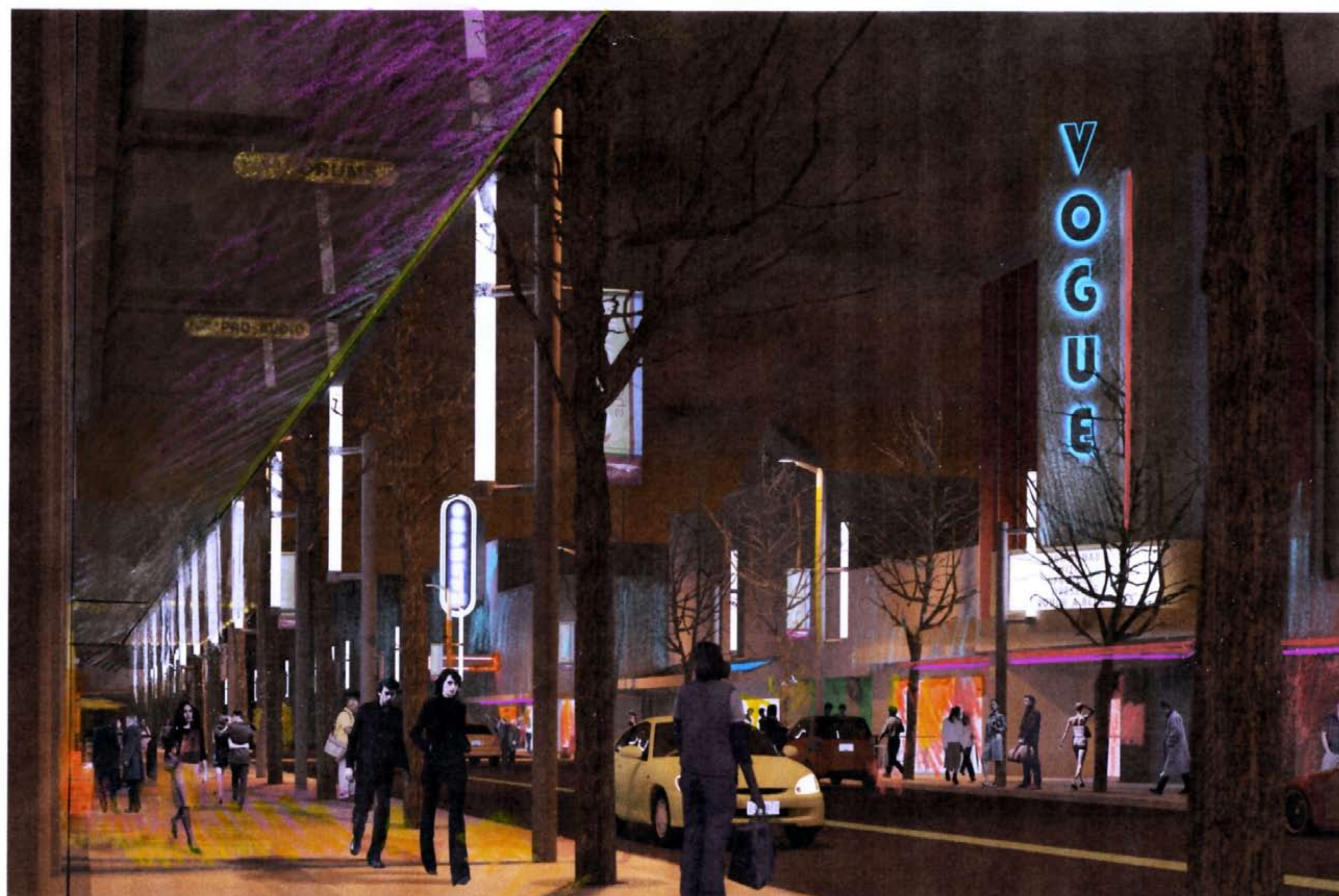


COLOUR EFFECTS

Using LED technology, a wide spectrum of colours can be achieved. LED emitter lights as shown in the adjacent photographs consist of three colours, red, yellow and green which have the capacity to create any colour including white. LED's require significantly less energy than conventional metal halide or high pressure sodium and can last from 5 to 10 years before replacing; however, unlike the former lighting types, they do not provide functional area lighting and would serve only as visual accents.



DESIGN ELEMENTS: LIGHTING CONCEPT - COLOUR VARIATIONS



PWL Partnership Landscape Architects Inc.
Pechet and Robb Studio Ltd.
Don Luxton and Associates Inc.
Sandwell Engineering Inc.

Robson St

Dunsmuir

Pender Street
Georgina Street

Design Concept
GRANVILLE STREET • VANCOUVER BC

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