

The White Rabbit

Masonry Building | 2017



AI-generated illustrative rendering

CLIENT

China State Construction
Engineering Corporation

LOCATION

69 Customs St. East,
Auckland Central,
Auckland, New Zealand

INDUSTRY

Real Estate and Insurance
/ Historical and
Environmental
Preservation

SERVICE

Structural Dynamic
Analysis

IMPACT

Identified response sensitivities and recommended monitoring to help the client plan for nearby construction around the historic building.

CHALLENGE

The 1876 masonry building stood beside a high-rise construction site and required a dynamic-response reference.

STRAAM APPROACH

STRAAM analyzed measurements collected by Mainmark on August 29, 2017, during an approximately five-hour campaign with five triaxial accelerometers and an SKG.

RESULT

The baseline identified response concerns and recommended monitoring during nearby construction.