

Vivian Construction

AMERICAN MAGIC BASE

Project Profile



PROJECT SUMMARY

The American Magic Team Base (Base C) development is part of a temporary structure constructed for the America's Cup 2021 in Auckland, New Zealand. The development comprises two sheds i.e. the boat shed mainly for boat building activities while the sailing rig shed is being utilised for workshops and hospitality purposes on the first floor.

Automatic smoke detection system is provided throughout.

Fire design developed in accordance with the C/AS2 framework and with alternative solution using the C/VM2 approach where applicable to justify compliance with the New Zealand Building Code C Clauses.

Client

Vivian Construction Ltd

Architect

Assemble Ltd

Date

Completion 2020

CROSSFIRE VALUE TO PROJECT

Crossfire developed the fire design to comply with the building code with provisions using the C/VM2 approach to optimise the design which resulted in a reduced construction cost to a lower FRR rating to the boundary separations.