





















INNOVATION

What is new?

Connection types (GripNGrab, realistic connection types)
2-D dynamic system testing
Full resilient building structure attempted

GOALS

Structure only

S+NSE testing to failure

testing

- 1) Demonstrate structure effectiveness
- 2) Develop building effectiveness

3) Test economical methods for repairing and straightening such building systems



01 April to 01 June 2019

TIMETABLE: Financial		
Item	Activity	By When
Proposal submitted	Proposal documentation completed	31 May 2018
NZ funding	NZ funding transferred to ILEE	10 June 2018
Testing timetable finalised	Testing timetable finalised and confirmed with ILEE	30 September 2018
Funds committed	Funds committed and contract in place	30 October 2018

E: Testing	
Activity	By When
Design completed and members sized	31 May 2018
Drawings done and fabrication contracts let	June to August 2018
Fabrication, packing and ready for shipping	September to mid November 2018
Ship to ILEE	23 Nov to end Dec 2018
Assembly rig, pouring additional slabs,	January 2019
Placing instrumentation off and then on shaking tables	01 February to CNY then complete after CNY March
	Activity Design completed and members sized Drawings done and fabrication contracts let Fabrication, packing and ready for shipping Ship to ILEE Assembly rig, pouring additional slabs, Placing instrumentation off and

Non structural elements added, 01 June to 01 Sept 2019 testing to failure

Structure only testing completed to ULS level

FINANCES

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Cash contributors (NZ side)	
Building research association of NZ (BRAN via the Building Research Levy	Z)
Earthquake Commission (EQC)	
QuakeCentre	
Quake Core (ILEE partner)	
University of Auckland	
TOTAL towards project to date	
Funding promised exceeds threshold for ILEE matching funds of 500,000RMB (or NZ \$110k	



