



CALCULATIONS CHECKLIST

Job name	<input type="text"/>	Job number	<input type="text"/>
Engineer	<input type="text"/>	Checker	<input type="text"/>
Date	<input type="text"/>	Pages	<input type="text"/> to <input type="text"/>

Type of check

- Spot check
 Detailed check (more than 20%)
 Verified by independent calculations

	Engineer	Checker	Comment
Complies with client brief?			
Is there a Geotech report included?			
Has safety in design been considered?			
Do loads match those on DFR?			
Load derivation checked?			
Computer input checked?			
Gravity system checked?			
Lateral system checked? Torsion?			
Deflection compatibility?			
Serviceability OK? Limits defined?			
Capacity checks? Limits defined?			
Computer output backed up with simple hand calc?			
Do formula used have Standards referenced?			
Are there sketches to explain the calculations?			
Do the drawings match calculations?			
Are the drawing sections correct?			
Is durability specified?			
Are neighbouring properties affected?			

Engineering New Zealand has developed this checklist to assist engineers in providing clear communication to building consent authorities during the consenting process for residential builds. It has been developed in consultation with councils and engineers for residential design work. You may find that your project falls outside the scope of this document. You are expected to rely on engineering skills and judgment to understand when that happens and to adapt the document (or devise your own) so that it is fit for purpose.

Signed by Engineer _____ Signed by Checker _____