

BVT Engineering Details



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Why Ensuring Compliance from the Project Onset Matters. Having spent the past 10 years focusing on seismic design in both New Zealand and Australia, we've become privy to the repeated discussions, pain points and general confusion surrounding seismic design and regulation. Our experience has shown that there are significant benefits for architects to implement compliance during the early design phases of a project, rather than leaving it to the responsibility of 'design and construct'. Implementing a resilient and compliant design from the onset reduces the risk of failure or damage, however it does require a firm understanding for what structural design of non-structural building elements actually entails. Engaging an engineer for elements such as ceilings, partitions, facades and services is strongly advised, as the building code merely demands it. Here are some of the key reasons why; + Accurate Specifications: An Architect can utilise engineering design around a particular product or system to solidify specification and ensure compliance instead of allowing a sub-contractor to swap and change specification based on cost for potentially an inferior product. Architects that have been well informed by their engineer can also ensure design is finalised before tender, which means that the submissions are far more comparable and accurate, reducing the possibility that a subcontractor will win by leaving out key aspects. + Guaranteed Liability & Compliance: Knowing the consent requirements are fulfilled, eliminates the risk of compliance and schedule delays at a late stage of the project. This reduces the risk of being one of the many projects halted due to compliance issues when it comes time for certification. Throughout a project, if an architect drives compliance by engaging an engineer, variations can be captured to ensure final certification with 'as built' documentation. + CPD Point Accreditation: BVT Engineering are proud to be an industry educator, working towards the general uplift of construction standards across interiors. As such, we provide CPD point accredited presentations and engagements that define the best building practices. AT BVT, our team of engineering consultants provide guidance across the entire project lifecycle, from specification clarity and preliminary details, all the way through to complete design certification and 'as built' documentation for occupancy. <https://bvtengineering.com/architects>