



Consultant Scope of Works



PROPOSED RESIDENTIAL DEVELOPMENT

21 Ashford Avenue Castle Hill

[Mechanical Consultant]

Premium Consulting Engineers

Scope of Works

Mechanical Engineering:

All aspects of the building electrical design shall comply with the applicable performance requirements of BCA so as to achieve and maintain acceptable standards of building sufficiency, safety, health and amenity for the on-going benefit of the community.

- Attend design coordination meetings
- Concept design and spacing planning
- Car park ventilation system
- Air conditioning and ventilation to all residential units – Daiken Ducted system
- Allow VRV system for 4 penthouses
- Allow for stair pressurization for fire stairs if required
- Ventilation to all common areas including lobbies, public amenities, cleaners room bike room and garbage rooms and basement service room
- Air conditioning and ventilation to multi-purpose room and Gymnasium
- Equipment schedule
- Mechanical services switchboard schedules and single line diagrams and interfaces for coordination
- Fire damper design
- Fire matrix
- Vibration and acoustic attenuation – requirements from acoustic engineer
- Site inspections and reports x 8
- Design declaration