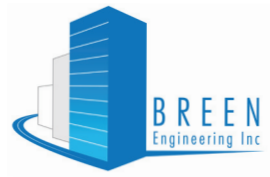


Building Systems Engineering at BREEN

(Mechanical, Electrical, Plumbing and Fire & Life Safety)



BREEN Engineering opened its doors as a Mechanical consultancy in 1997. BREEN's Building Systems Department now provides Mechanical, Electrical, Plumbing and Fire & Life Safety Engineering design and is active in a wide variety of project sectors, including Federal facilities, primary and secondary educational institutions, commercial offices, healthcare, retail, hospitality, multi-family and mixed use developments and renovations.

BREEN's Building Systems Engineers and designers are comprised of registered professional engineering veterans and bright young innovators bringing fresh perspectives to environmentally friendly, efficient and sustainable design. BREEN Engineers are LEED AP accredited and have designed multiple projects to Silver, Gold and Platinum standards.

Our Building Systems Engineers are equipped with a full toolbox of software, and are able to provide computer models for lighting designs, thermal energy performance evaluation, electrical, hydraulic and ventilation system calculations.

BREEN was quick to embrace the evolving world of BIM 3D modeling. Our project managers and drafters are highly proficient

with Revit, completing numerous projects utilizing this revolutionary design software.

We pride ourselves on providing efficient, practical and cost-effective designs. Many projects are designed in conjunction with our in-house Civil and Structural Departments, creating savings and simplified planning for our clients.

Des Mahony, LEED AP

Director of Building Systems,

Des brings a wealth of international experience to BREEN, having worked in several major cities around the globe, including London, Dubai, Wellington and Manila before making the South Bay of Los Angeles his home. His career began in electrical contracting and progressed quickly to design and consultancy. Des has worked for over 12 years on numerous hospitals throughout the UK and has led large international projects, such as the Emirates Towers in Dubai, where he was the Engineer in Charge of Electrical Design. Des has provided engineering design and construction administration for high-rise towers, luxury hotels, shopping malls and office developments in various locales in the Middle East. A central leader of BREEN's Electrical projects, Des was promoted to Director of Building Systems in 2010.



"Our aim is to form strong partnerships with clients by adding value, sharing expertise and delivering world-class service to each of our customers, regardless of project size."