



D E W I C K
& A S S O C I A T E S

FOCUS PROJECT: TOOMBUL DINING & ENTERTAINMENT PRECINCT

The Toombul Shopping Centre, North Brisbane - QLD, is currently undergoing a \$35 million expansion to provide shoppers with a new dining / entertainment precinct which will fuse food and entertainment within this hub of social activity.

The expansion features a new outdoor public event space, live entertainment spaces, alfresco dining facilities, a children's play area, indoor dining tenancies and an eight screen cinema complex all fully integrated into the existing shopping centre.

Our RPEQ qualified Engineers have worked closely with Ascot Air and Electrical to provide the Design and Construct Mechanical Engineering services for the project, including car park exhaust, outside air, kitchen exhaust and general exhaust systems designed to AS1668, in addition to Air Handling Units (AHU's) for the Mall areas and individual tenancies, extension of Chilled Water (ChW) systems within the building and provision of electrical heating.

D&A have provided the following main Engineering Services for the project: detailed heat loads of the space and review of equipment selections; ductwork / pipework sizing for all systems; air side and water side static calculations for all fans / AHU's / pumps; Value Management proposals of the Consultants Design; interconnections with controls / BMS / fire systems as required and RPEQ Design Certification.

D&A will provide the mechanical O&M manuals toward the end of the project, due for completion in 2019.

Let us know if you have a project we can help with Engineering, O&M Manuals or As Installed Drawings for.

We look forward to hearing from you,

Lou and the team at **Dewick & Associates**

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