

Vanessa Building, Chidlom

client Peyanarongwit Co. Ltd

period 2016-2022

GFA 34,500 + 9,400m²

height 154m

floors 22 + 12

architect Palmer & Turner (Thailand)

contractor AAG Intelligent

office

unitised curtain wall

The development includes 12 and 22 storey grade 'A' office towers connected by a multi-storey linkbridge.

The main facade system is a unique fully unitised curtain wall with an L-shaped vertical section allowing the glazing to slope outwards at each floor whilst maintaining fully unitised joints, connections and seals. At upper levels the L-shaped panels start to slope back on the front elevations creating further unique configurations.

The custom designed facade system was developed by Facade Associates especially for the project and is based on a hybrid system of European female-female mullions and more common Asia / American male-female mullion systems. The design was taken forward by facade contractor AAGi and successfully implemented.

The 6-storey linkbridge between the buildings is also clad in the L-shaped unitised system.

A secondary flat unitised system with an external trellis and integrated lighting interfaces with the L-shape system along

swooping curves that wrap the building, creating a large number of challenging interfaces.

External trellises cross the planar zones of the facade and contain LED strip lighting.

The various facade systems all interface at faceted divisions, building corners and stepped edges creating a huge number of individual details, and with the additional variable of different floor heights and lean angles make this one of the most complex unitised facade installations in Bangkok.

