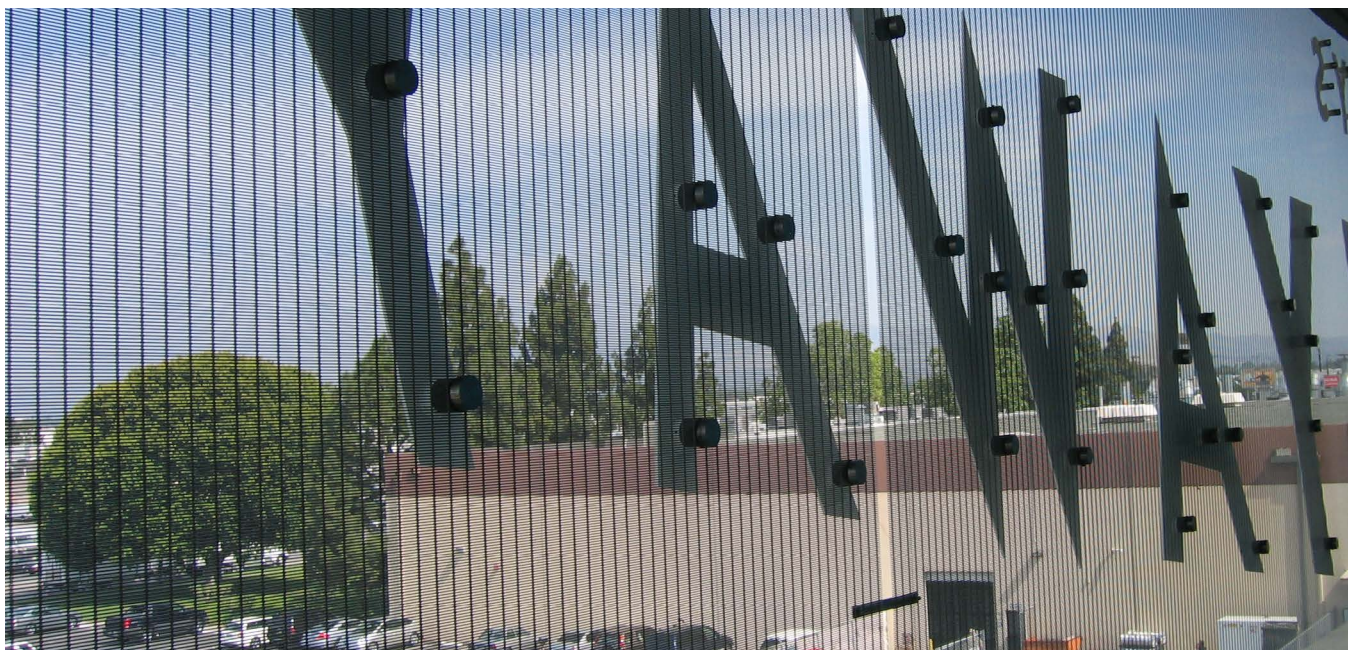


Enclosure of a car park

Los Angeles, California, USA

Located north of Los Angeles in the San Fernando valley, a bus terminal provides an opportunity for travellers to park their cars and use a convenient bus connection to Los Angeles, Santa Monica, Hollywood and LAX airport. The multi-storey car park is clad with stainless steel woven mesh which provides both solar shading and natural ventilation. The skin of the building looks

translucent from inside but forms a homogeneous visual enclosure from outside. The open area is about 44 %. The light transmittance, however, changes with the angle of incident light. At noon, when the sun is high, it is only 15 %; when the sun is low, it can be up to 51 %. The solar shading effect is therefore auto-adaptive. Despite its overall reflective character, the woven metal avoids glare and heat islands. Only between 16 % and 24 % of the light is reflected. The mechanical properties of stainless steel also make it possible to fasten large-scale lettering to the weave.



Details

Environment:	Coastal
Architects:	DMJM, Los Angeles, CA, US
Fabricator:	GKD, Düren, Germany
Stainless steel grade:	316 (EN 1.4401)
Product type:	"Lago" woven mesh
Dimension:	2,500 m ²
Total quantity:	17 t
More information:	gkd.de

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