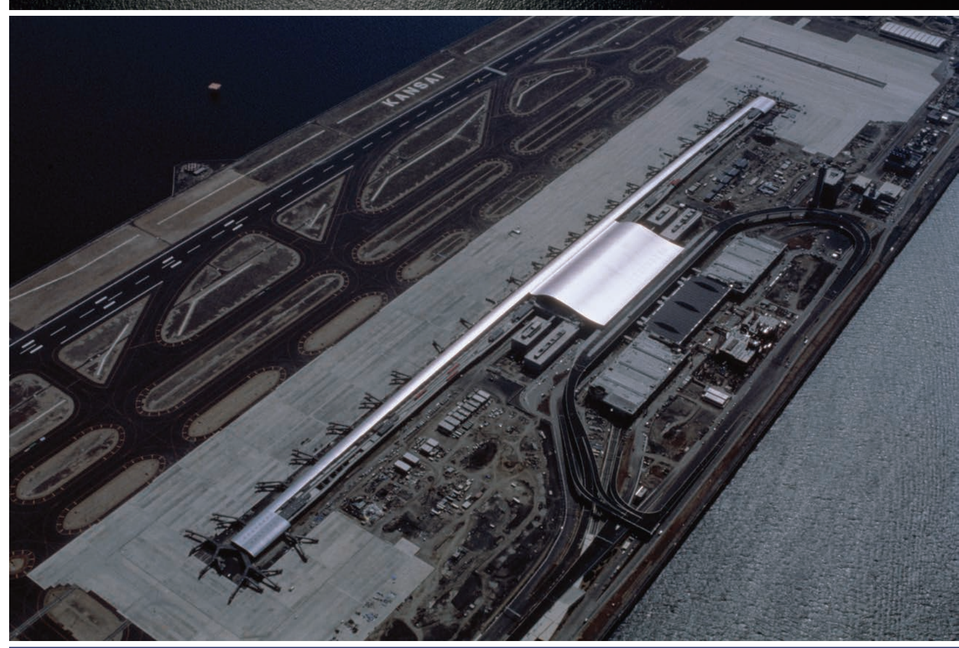
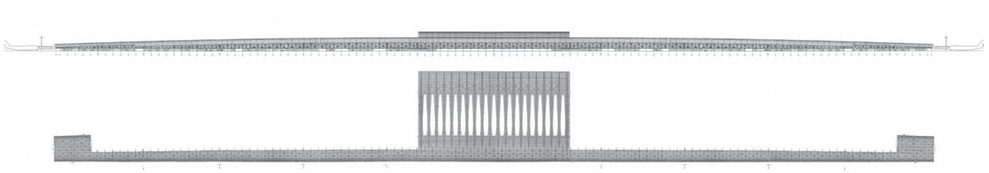
関西国際空港旅客ターミナルビル
Kansai International Airport Terminal Building

30th Anniversary!!



The Kansai International Airport Passenger Terminal Building (PTB) (1.7km long,total floor area 290,000m2) represents a dynamic 'flow' form.
Geometry was used as a means to realise the image of this 'flow'. The geometry defines the compositional logic that enabled 82,600 equal-sized stainless steel tiles to be mathematically positioned to create the PTB's 90,000 sqm continuous roof.
The interior of the PTB consists of three main continuous spaces: the 'Canyon', the 'Main Terminal Building' (MTB) and the 'Wing', where open air ducts made of Teflon membrane on the fourth floor of the MTB not only create an efficient air conditioning environment in the large space, but also acts as a reflector for lighting and casts soft indirect light on the departure lounge.



Site : Osaka, Japan
Client : Kansai International Airport Co., Ltd.
Classification : Airport Passenger Terminal Building
Competition : 1988
Design : 1988-1991
Construction : 1991-1994
Total Floor Area: 291,270sqm
Structure : Steel and RC, 1Basement floor,4 floors above ground
Competition Winning Proposal
: RPBW Paris (Renzo Piano + Noriaki Okabe)
with the collaboration of
: Ove Arup & Partners (Peter Rice + Tom Barker)
Basic Design, Detail Design & Site Supervision
: RPBW Japan (Renzo Piano + Noriaki Okabe)
: Ove Arup & Partners International (Peter Rice)
: Nikken Sekkei (Kimiaki Minai)
: Aeroports de Paris (Paul Andreu)
Awards
1995 Architectural Institute of Japan Prize
:(Renzo Piano + Noriaki Okabe)
1995 Nikkei BP Technology Awards Grand Prize
1995 The BCS (Building Constructions Society) Prize