

Haneda Airport Terminal 2 Station (Design of building frame)



Ordering party :

- Ministry of Land, Infrastructure, Transport and Tourism, Kanto Regional Development Bureau
- Yokohama Technical Investigation Office
- Tokyo Airport Construction Office

Location : Kukojiima, Ota-ku, Tokyo

Facility size : 33.290m x 216.950m(Underground station)

Structure : Reinforced concrete, Steel pipe column (used to some parts)

- Number of stories : 2 floors aboveground
- Number of platforms : 2 tracks + 1 safe track

Platform length : 130.0m

Design period : 2000 to 2003

Start of operation : Dec. 1, 2004

Design features

Flow line : Clear pedestrian' s flow line along the east and west passage

Structural planning : The limit state design method is adopted.

-The earthquake motion level 2 is considered in accordance with Design Standards for Railway Structures and Commentary (Seismic design)

-The terminal building is connected to the expansion joint

Civil engineering planning : Consistency with the plans for the ground level and skybridge is ensured.