

Building profile	Name	SHINJUKU PARK TOWER		
	Address	7-1 Nishi Shinjuku 3-Chome, Shinjuku-ku, Tokyo		
	Builder/owner	Tokyo Gas Real Estate Co., Ltd. (formerly Tokyo Gas Urban Development Co., Ltd.)		
	Architects	Kenzo Tange Associates		
	Contractor	Kajima Corp./Shimizu Corp./Taisei Corp. Joint Venture		
	Main uses	Offices, hotel, showroom, hall, store, parking		
	Site area	26,535.71 m ²		
	Building area	9,511.91 m ²		
	Total floor area	264,140.91 m ²		
	Building height	235 m (approx.)		
	Structure	Above ground: Steel frame; Below ground: Steel-framed reinforced concrete, reinforced concrete; Foundation: Direct foundation		
	Number of floors	5 stories underground, 52 stories above ground		
	Anti-seismic performance	Structure composed of a combination of mast columns, belt-trusses and framed tube. Installed with 48 "HiDAX" hydraulic dampers Installed with 3 "Trigon" damping devices		
	Parking	Approximately 800 (Self-propelled)		
	Construction period	Approximately 3 years 7 months Work began: September 28, 1990 Work completed: April 25, 1994		
	Office facilities	Ceiling	Ceiling height: 2.7 meters (Common hallways: 2.45 meters)	
Floor finishing		OA flooring (90 millimeters high), tile carpet		
Wall finishing		Inorganic wallpaper (plasterboard base)		
Floor load		OA floor : 300 kg/m ² (standard specifications)		
		Floor slab : 500 kg/m ² (approximately 1,000 m ² in selected parts of apECIAL purpose areas) : 300 kg/m ² (other areas)		
		High partition: Installation possible in any direction at a pitch of 3.2 meters from pillar centers		
Blinds		Manually rolling screen		
Electric outlet capacity		Standard: 50 VA/m ²		
Lighting		Embedded lighting (40 W × 4/3.2 meters × 3.2 meters)		
		Desktop illuminance: 600 Lx (approximate average initial brightness)		
Air-conditioning		Humidity conditions	Summer: 26°C, 50% (approx.); winter: 22°C, 50% (approx.) (Assumptions: Personnel 0.15 people/m ² , Equipment heat: 30 w/m ² , Ventilation 5m ³ /m ² h)	
		Reserve cooling water	500 RT (overall)	
		Zoning	Maximum 12 zones (floors 9-18)/13 zones (floors 19-37) Temperature control: VAV (6.4 m × 6.4 m or 6.4 m × 12.8m) Outlet: 3.2 meters × 3.2 meters (1 location)	
Telecoms		Optical fiber lead-in cabling installed		
	All floors installed with mobile telephones and PHS antennas			
	Telephone	600P on each floor		
	Common TV antenna	Integrated Service Digital Broadcasting - Terrestrial (ISDB-T), 100 Degrees East Longitude BS, CS Digital Broadcasting Reception, AM, FM		
Building facilities	Electricity	Transformer facilities	High voltage 6.6 KV (3 phase 3 lines, trunk line and spare lines) reception from the Shinjuku District Heating and Cooling Center	
		Generators	[Emergency] Gas turbines (3,500 KVA × 2, special A-grade heavy oil, Medium pressure gas)	
	Telecoms	Telephone, TV cabling		
	Plumbing facilities	Water supply facilities	Gravity and pressurized supply system, 2 systems for drinking water, recycled water (for toilet flushing)	
		Hot water facilities	Central water heating, individual water heating	
		Drainage facilities	Sewage, sullage, kitchen waste water separated; kitchen waste water sanitation facilities	
	Fire-fighting facilities	Indoor fire hydrants, sprinkler system, foam fire extinguishing system, inert gas fire extinguishing system, standpipes, fire extinguishers		
		Steam and cooling water provided by the Shinjuku District Heating and Cooling Center		
	Air-conditioning ventilation facilities	Type of air-conditioning	Parallel use of individually distributed floor air-conditioning unit system and single duct fixed and variable air-flow system	
		Smoke eliminatin facilities	Rental rooms: Ceiling chamber; halls: Mechanical ventilation; Other rooms: Mechanical air supply and ventilation	
	Elevators	Elevator	Offices: 32; show rooms: 4; hotel: 16; stores etc. 8; emergency: 3	
		Escalator	B1F -7 story: 15	
	Security/ disaster prevention facilities	Automatic fire detectors, emergency broadcast equipment, emergency electrical equipment, auxiliary radio communications Disaster Prevention Center Electronic locks that use non-contact IC cards for entrance and exit (Exiting shuts air-condition off while leaving elective ventilation in operation)		
	Miscellaneous	"Net Bell" service Precipitation information system		