

# 50,000 Phones for AT&T's New Neighbor

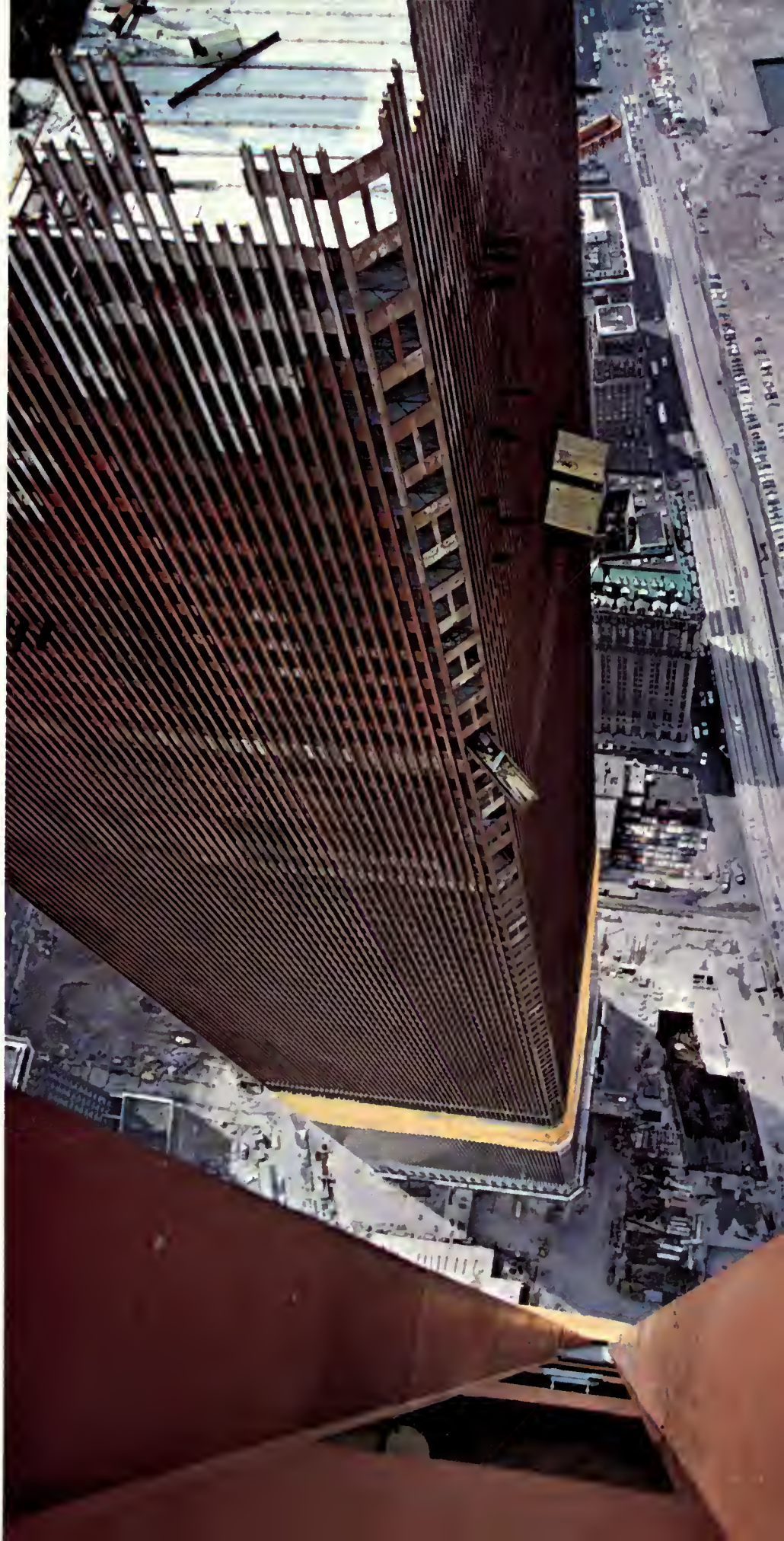
## World Trade Center Tops Out

A "city" with the phone capacity of Galveston, Tex., or Poughkeepsie, N.Y., is opening for business on a 16-acre site in lower Manhattan. A sign designating the address of the North Tower in the building complex reads: "This Is One World Trade Center." And that it is, whether one considers the address or the magnitude of the project. The South Tower, Two World Trade Center, like its twin, is 110 stories — 1,350 feet tall. The complex also will include a U.S. Customs House, Northeast and Southeast Tower Plaza buildings, each nine stories high,



a 17-story hotel and below-ground parking for 2,000 cars. Fifty thousand people will work at the center, which is expected to attract 80,000 business visitors every weekday. Together, the twin towers will have 204 elevators. Each express elevator will be capable of carrying 55 people at a speed of 1,700 feet per minute.

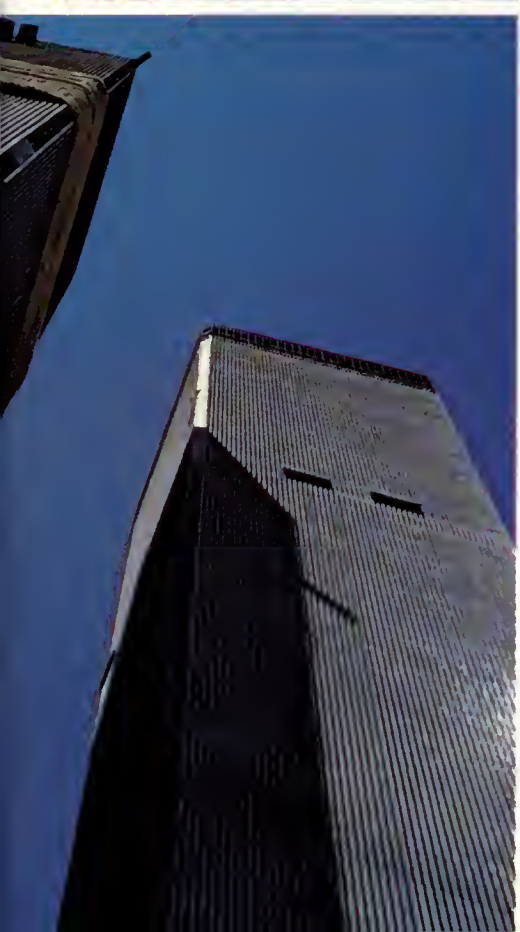
The \$575 million World Trade Center will offer nine million square feet











of rentable space. When completed, it will have required 200,000 tons of Japanese steel, 600,000 square feet of tempered, heat-reflective glass and 5,000 construction workers on the site at one time. It will take a 49,000-ton system of air conditioning to cool the place.

The center will have 50,000 telephones and will consume 600 megawatt hours of electrical power daily. New York Telephone and Western Electric, among 167 sub-contractors working on the project, have a total of more than 100 people installing telecommunications equipment and coordinating plans with the general contractor, Tishman Realty and Construction Corp., and the center's owner, the Port of New York Authority. When completed, the complex will require more than 200 full-time New York Telephone employees to serve it. Six Electronic Switching System (ESS) offices will be installed in the South Tower. They will serve the complex as well as future downtown growth. New York Telephone will occupy five floors in the South Tower —

more than 150,000 square feet — for central office and administrative space. The company will invest more than \$65 million in telecommunications equipment to provide service at the center. Some 200,000 miles of telephone conductors are piped into the complex — enough to reach eight times around the world.

The center is scheduled for completion in late 1973. More than 100 customers now occupy lower floors of the North Tower, which was topped out last December. Tenants and visitors alike will be afforded views of New York City's harbor, Staten Island and the Verrazano-Narrows Bridge to the South; the Hudson River immediately below; New Jersey to the West; Brooklyn and Queens across the East River on Long Island, and all of Manhattan Island, including that renowned second tallest building in the world — the Empire State.

Some time in the future the Empire State Building will drop to third in height and the World Trade Center to second with completion of Chicago's Sears-Roebuck Building. □