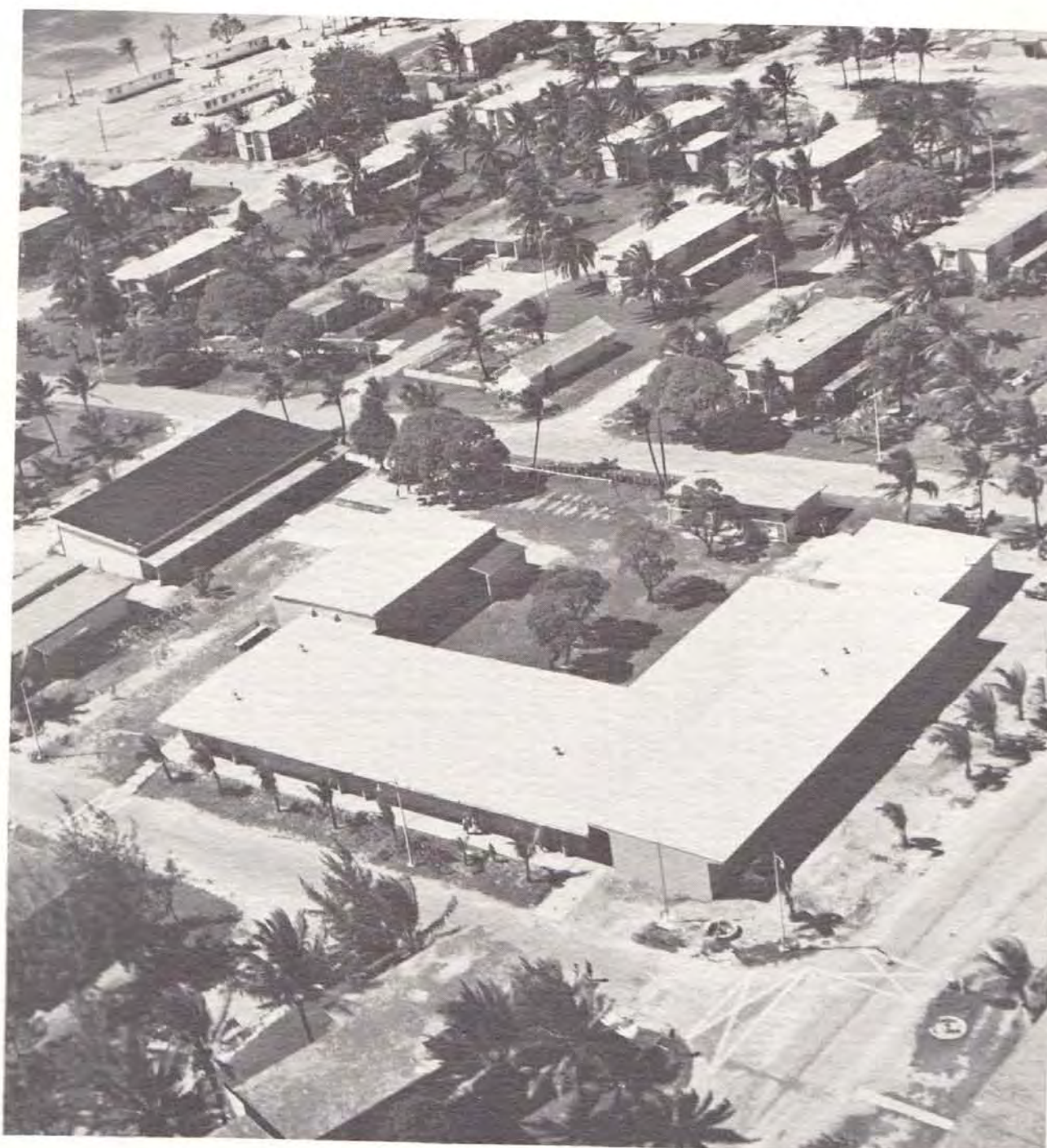


Housing & Support Facilities

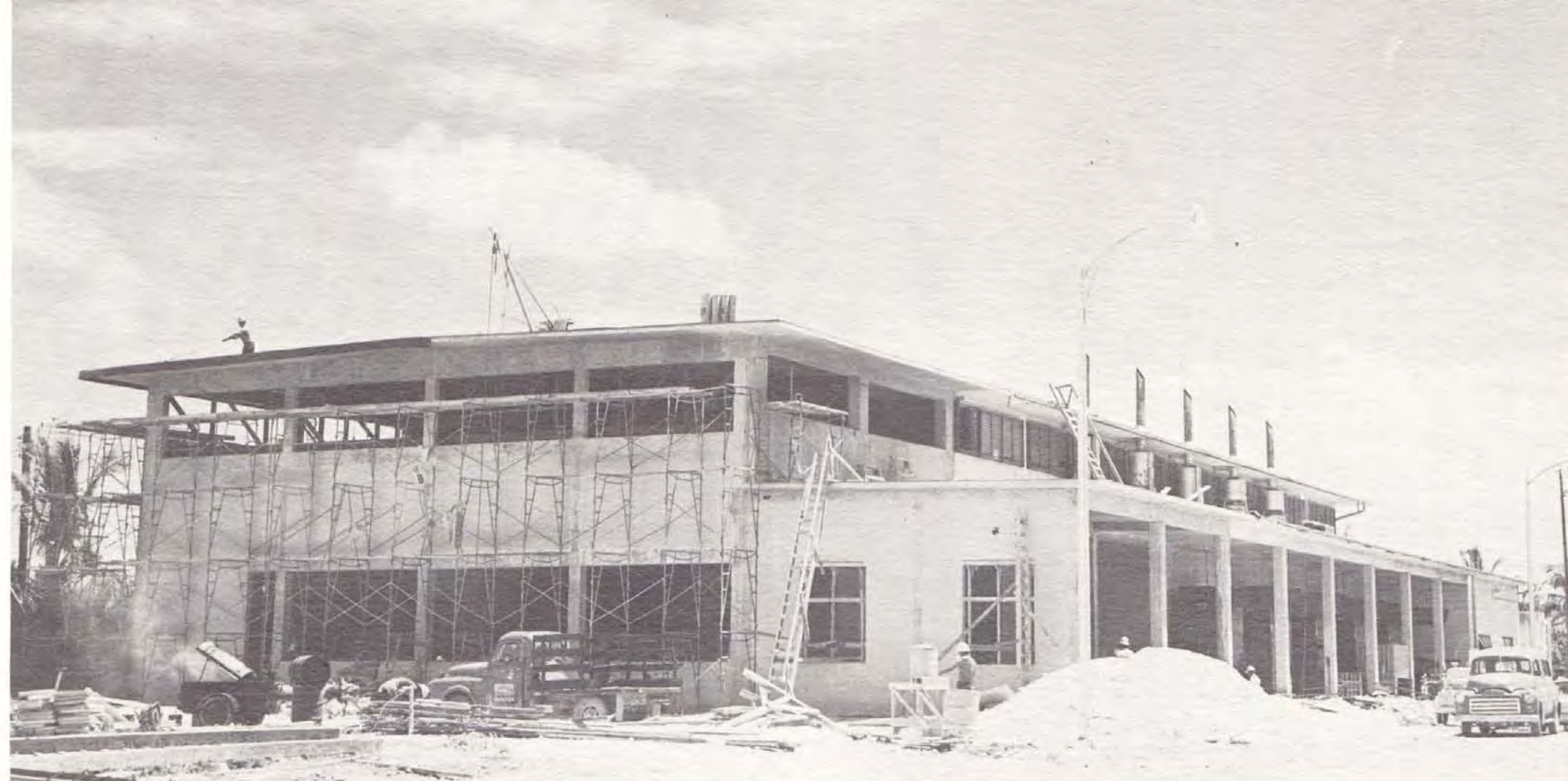
Dependents School — 20 room school covering about 19,000 sq. ft. Completely air-conditioned. Hollow concrete-block construction.

Mobile Homes Park — 257 Family Trailers. Required 374,000 c.y. of fill with rip-rap shore protection for 20 additional acres of ground. 73,000 l.f. of underground utilities were installed. Also 7,800 sq. yds. of road paving.



One of Three Bachelor Quarters for 500 Men — 3 story buildings have a total of 208 rooms and a total floor area of 95,880 sq. ft. Every room equipped with sink and refrigerator. Each pair of rooms shares a separate toilet and shower facility. Buildings are completely air-conditioned and insulated. The first building was completed 90 days after notice to proceed.





Adding to the station power plant was one of six power plant assignments. 2 1500 KW generating units installed.

Administrative Mess & Club Addition — 1½ million dollar expansion and remodeling job on existing club and mess hall building. Added new kitchen, walk-in refrigerators, dining and recreation areas.

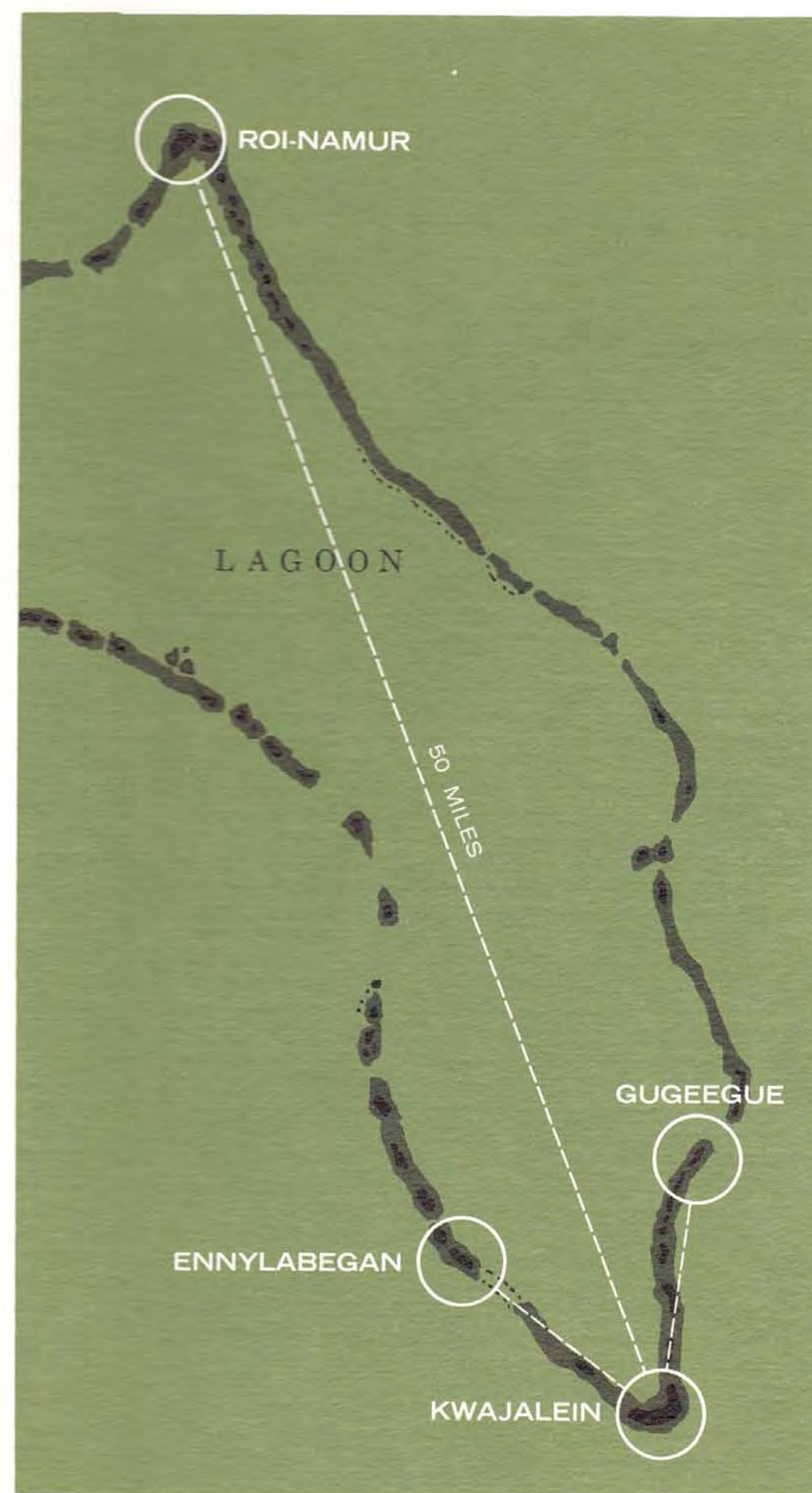


P.O.L. pipe lines were an important part of the support facilities.



Roi-Namur

Project "PRESS"



The Advanced Research Projects Agency (ARPA) is installing an experimental ballistic missile defense research facility on Roi-Namur Island in the Kwajalein Atoll as part of Project Defender, the ARPA program of advanced research in ballistic missile defense.

The research to be undertaken there is known as PRESS (an acronym for Pacific Range Electromagnetic Signature Studies).

Roi-Namur consists of two separate islands at the northern tip of the Kwajalein Atoll.

When P.M.Z. "landed" in 1960, the islands were but battered remainders of the landing of the 4th Marine Division in 1944. There were approximately 50 Marshallese natives living on the shell pocked islands who were reestablished on nearby islands.

Roi, a flat, barren piece of coral was a former airstrip. Namur, once heavy with vegetation, was still pancaked from the 1944 bombardment. The two islands are each less than 700 yards square with the same climatic conditions as Kwajalein.

On Kwajalein there were existing buildings and facilities. On Roi-Namur there was nothing existing but duds underfoot.



SPEEDBALL FACILITY

DORMITORIES
& MESSHALL

POTABLE WATER STORAGE

WATER CATCHMENT AREA

FIRE STATION

ADMIN. — OPERATIONS

CONTRACTORS CAMP

RUNWAY

REFRIGERATED STORAGE

GENERAL WAREHOUSE

NEW DOCK

DIESEL FUEL OIL PUMPHOUSE

FLAMMABLE STORAGE

POWER PLANT

FUEL STORAGE

TRADEX

COMPUTOR BUILDING

STATION KEEPING RADAR

SALT WATER PUMPHOUSE

FORESIGHT TOWER 'A'

Technical Facilities

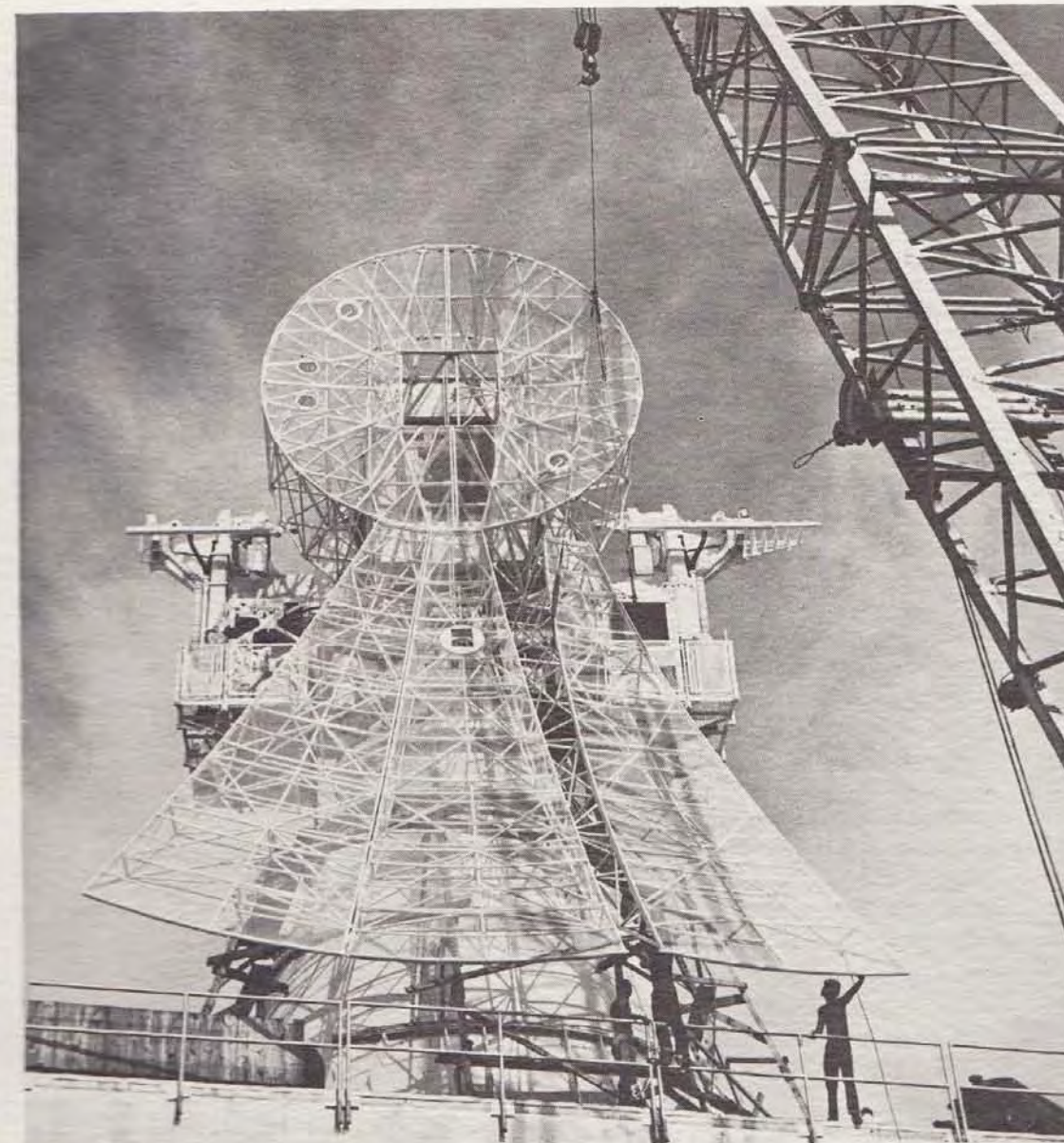
Computer Building (Foreground) — 114' x 75', single floor
Shielded Building connected to Tradex by 60' shielded
(tunnel) walkway. 5000 sq. ft. of floor in Computer
Building is movable; mounted on jacks.

Tradex Building (Background) — 182' x 170' x 30' high
steel-framed building (with only 3 exterior doors and no
windows). This facility is the pulse of the whole installation.

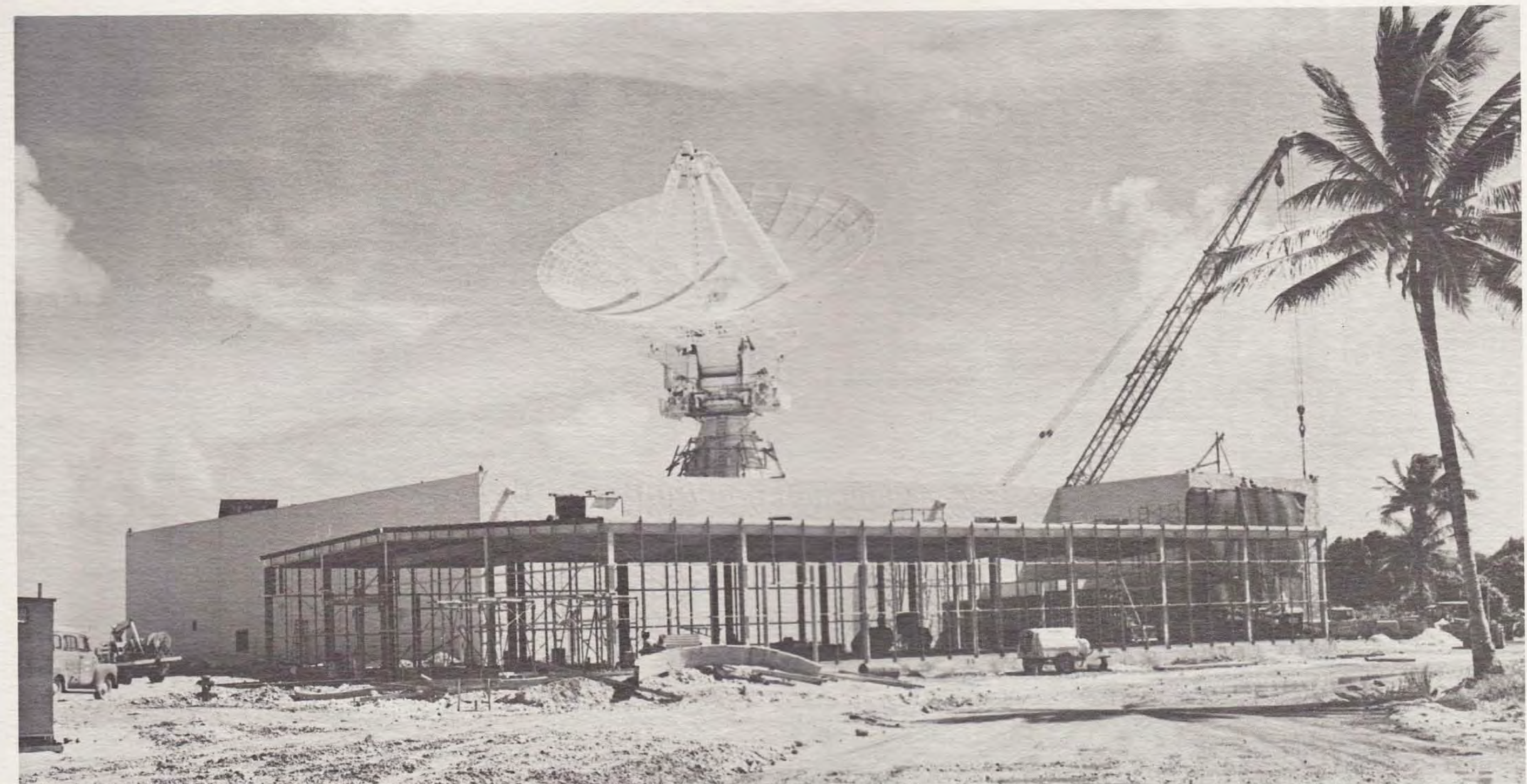




Boresight Tower — 218 ft. high on Roi-Namur. Another tower, 264 ft. high, is located on Ennurgarret Island — 6000 ft. from Tradex Radar Antenna.



Erection of dish-antenna tracking radar unit mounted on heavy concrete pedestal in the vast Tradex Building.



Computer building is shown under construction in the foreground. Tradex building and antenna in background.

Support Facilities

Concrete water catchment bordering Roi-Namur runway was part of support facilities. Fresh water storage tanks, elevated water tank and fire station in background.



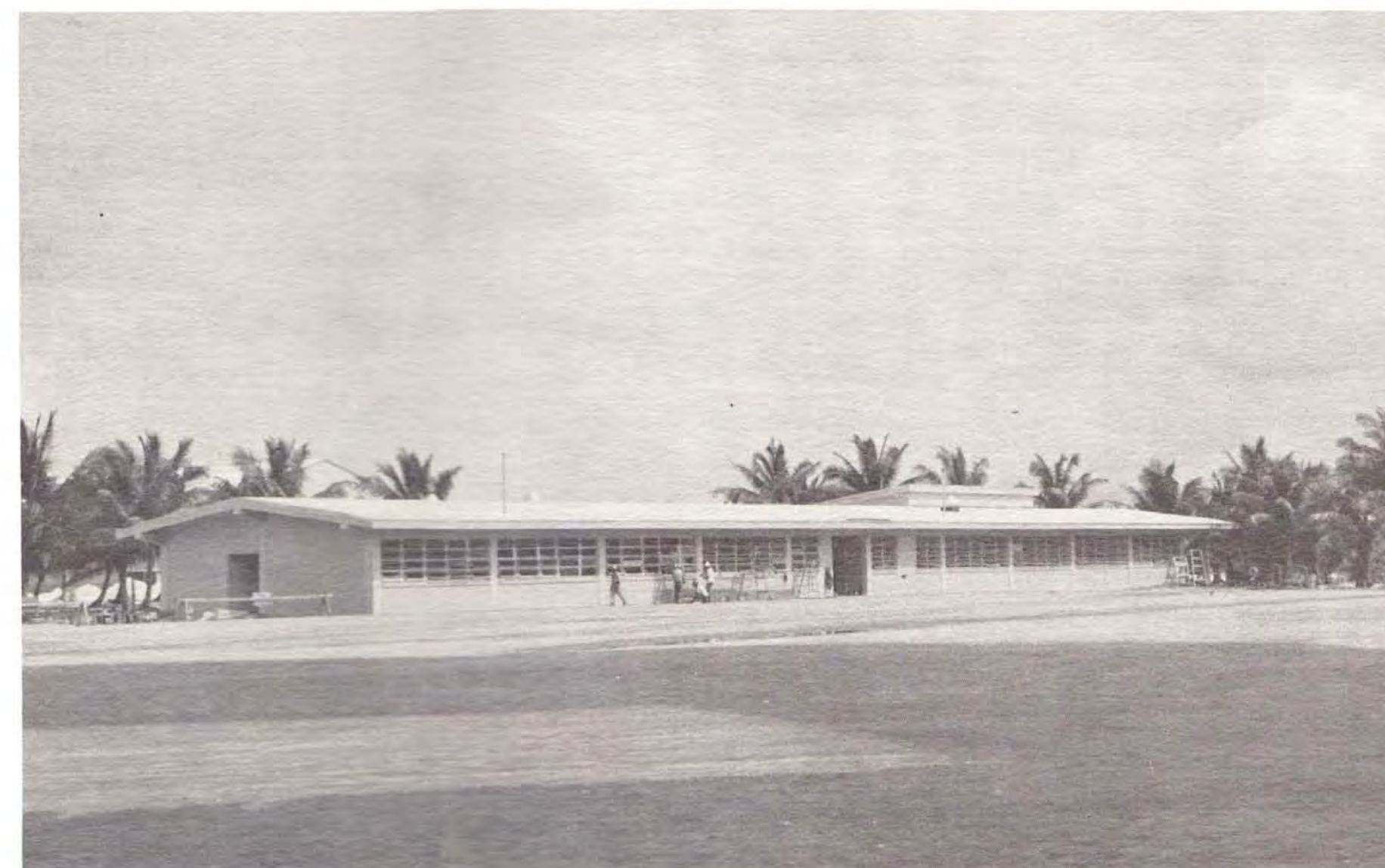
Airfield — Runway 4500 ft. long, 150' wide; Airfield required 1,138,000 sq. ft. asphalt surfacing. White area just opposite runway is water catchment basin.





Power Plant at Left — 143' x 58' x 43' high steel framed building, housing seven diesel engine-generator units for precise power. Part of new roadway at right.

4 Dormitories — Provide accommodations for 144 men. Concrete block, air-conditioned buildings, with 28,500 sq. ft. total floor area. Ancillary building foundations in foreground.



Administration-Operations Building—210 ft. long air-conditioned structure containing technical and base support offices, shielded communications room, dispensary, etc. Features precast concrete roof system.

Recreational hall was part of the Roi-Namur contractors facilities.

