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# MONTHLY NARRATIVE REPORT

**PACIFIC PROVING GROUND  
U. S. ATOMIC ENERGY COMMISSION  
Contract AT-(29-2)-20**

Classification for changed to **OFFICIAL USE ONLY**  
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(Official authorizing change in classification)  
by J. Ashwell 8/21/57  
(Name of person making the change) (Date)

15 November 1955

**HOLMES & NARVER INC**



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MONTHLY NARRATIVE REPORT

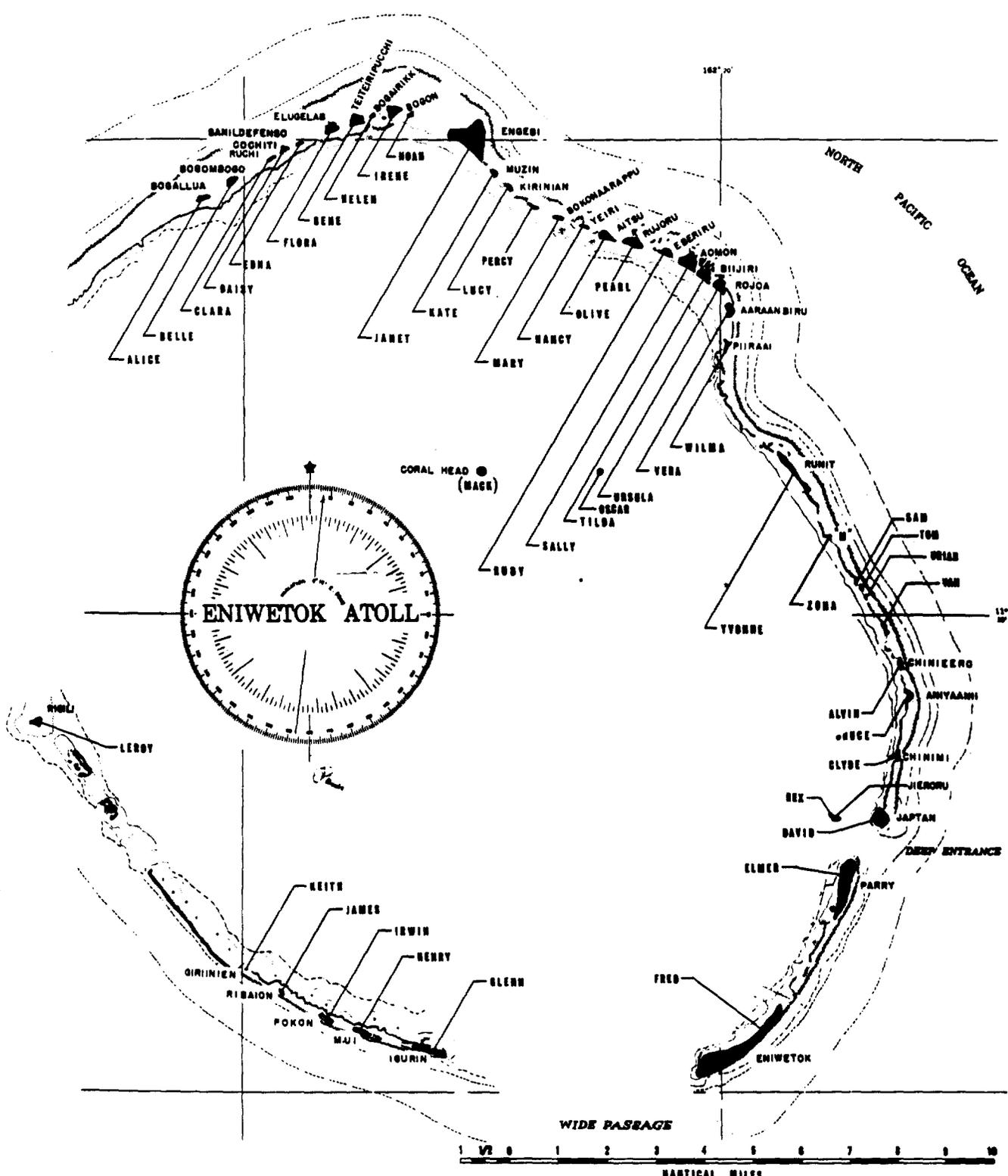
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Contract AT-(29-2)-20

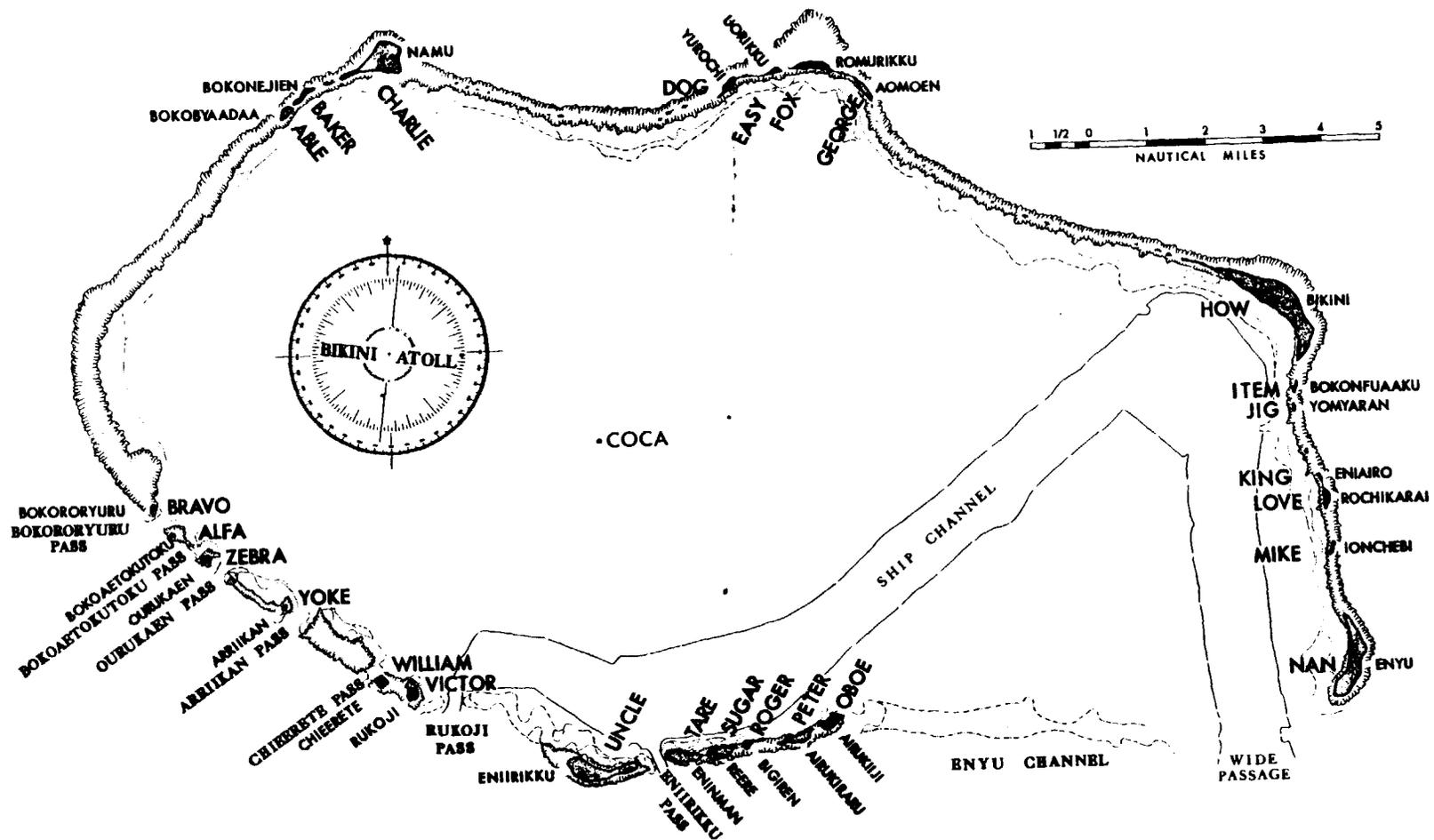
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## SECTION I

### ENGINEERING AND CONSTRUCTION PROGRESS

#### HOME OFFICE - ENGINEERING

The following breakdown details the design work accomplished during this period:

#### URSULA COMPLEX

Design and drafting work is nearly completed on this complex.

##### Station 1 - Sally

The foundation plan has been submitted to the User for review and comment; final issue is expected during the week of 14 November. Cab criteria, however, has not been received.

##### Station 2 - Sally

Design has been completed, and final issue is expected during the week of 14 November. Cab criteria has not been received.

##### Station 3 - Ruby

Design is in process. The foundation plan has been forwarded to the User for comments.

Station 2221.01, -.02, -.03, -.04, 2251.01 and 2251.02

Final drawings were issued.

##### Station 2301

Final drawings have been issued with the exception of the shutter door modifications which have been forwarded to the User for comment; final issue is expected during the week of 15 November.

##### Station 2311

Design has been initiated, and it is anticipated that final drawings will be issued during the week of 5 December.

HOME OFFICE - ENGINEERING (Continued)

Station 3010 - Tilda

Preliminary drawings have been submitted to the User; it is anticipated that final drawings will be issued during the week of 21 November.

Station 3011 - Sally

The final mechanical design drawings were issued on 25 October; the final foundation drawing was issued on 28 October.

Station 3015 - Sally

Preliminary drawing was submitted to the User on 27 October. Additional criteria are needed in order to complete the design.

YVONNE COMPLEX

Station 6

Footings and elevator pit details have been issued as final and it is anticipated that the final foundation plan will be issued during the week of 14 November. Cab criteria has not been received.

Station 7

Preliminary drawings were issued to the User for comment on 27 October. Cab criteria has not been received as yet.

Station 24

Preliminary drawings of the vacuum piping and support layout were forwarded to the User on 18 October, and the framing plans and elevations have been issued as final.

Stations 77 and 1511

Design has been initiated on these stations and it is anticipated that preliminary drawings will be forwarded to the User during the week of 14 November.

Stations 1210, 1211, 1212, 1220.01 thru .07

Preliminary drawings have been submitted to the User for review and comment.

## HOME OFFICE - ENGINEERING (Continued)

## Station 1310

On the basis of revised criteria received from the Users, the drawings were redrawn and were resubmitted for review and comment. It is expected that final issue will be made during the week of 14 November.

## Station 1311.01, 1311.03 thru .05

Preliminary drawings were submitted to the User for review and comment. It is anticipated that final issue will be made during the week of 21 November.

## Stations 1314, 1315

The elevation and detail drawing has been issued as final. Electrical plan was submitted to the User on 14 November.

## Station 1316

Structural Design drawings have been issued final, and it is anticipated that electrical will be issued as final on 15 December.

## Station 1520

Preliminary drawings have been issued to the User for review and comment. Final electrical, mechanical, and structural drawings have been issued as final; details of doors, camera shelves, etc. have been submitted to the User for approval.

## Station 1524

Design work is continuing; drawings are scheduled for issuance by 15 December.

## Station 1591 thru 1596

The structural design has been initiated, final drawings are scheduled to be issued before the end of November.

## Station 1811

Design work is continuing; final drawings will be issued approximately 15 December.

HOME OFFICE - ENGINEERING (Continued)

Station 1816

Preliminary drawing was submitted to the User on 11 November.

Station 1911.01 and 1911.02

Preliminary drawing has been submitted to the User, and it is anticipated that final issue will be made during the week of 14 November.

GENE COMPLEX

Station 23 - Irene

Design has been started, and the elevation section and detail plan has been issued as final.

SITE PEARL

Station 4

Final drawings have been issued with the exception of the cab for which criteria has not been received.

FOX COMPLEX

Station 1528 - George

It is anticipated that all of the drawings on this facility will be issued as final during the week of 14 November.

Station 1830 - George

Due to revised criteria, the complete design drawings of this station are scheduled for final issue in January 1956.

TARE COMPLEX

Stations 22, 2220

All of the drawings on these facilities have been issued as final.

HOME OFFICE - ENGINEERING (Continued)

Station 2300 - Peter

All of the drawings on this facility have been issued as final, with the exception of the shutter door structural details; it is anticipated that these will be issued as final during the week of 14 November.

Station 2310

Design of this station is in process; final drawings are scheduled for issuance during the first part of January 1956.

Station 2320. 01 thru 2320. 10

The structural drawings have been issued as final and the electrical drawing has been submitted to the User for review and comment.

CHARLIE - DOG COMPLEX

Station 1319

It is anticipated that final drawings will be issued during the week of 14 November, with the exception of some door details.

DOD PROJECT

Project 1. 1

Design has been completed and preliminary drawings have been submitted to the User for review and comment.

Project 1. 2

Design has been completed and final drawings were issued; however, revisions are being made to comply with changes in criteria developed by the Users.

Project 1. 3

Preliminary drawings, Station 130.01 - Able, have been forwarded to the Users for review and comment. Design on the other stations is in process.

Project 1. 5

Preliminary drawings of Stations 151.01 thru 153.04 have been submitted to the User for comments.

HOME OFFICE - ENGINEERING (Continued)

Project 1. 6

Preliminary drawings have been submitted to the User for comment.

Project 1. 9

Design of the stations has been initiated and preliminary drawings are scheduled to be issued to the User during the latter part of November.

Project 1. 10

Design is in process and preliminary drawings have been submitted to the User for comment.

Project 2. 5

Stations 250. 01 thru 250. 03 are located on the plot plan. Other stations in this program have not been assigned nor located.

Project 2. 61

Design of the stations under this project has been initiated and it is anticipated that preliminary drawings will be submitted to the User for review and comment at the end of November.

Project 2. 62, 2. 63

Jobsite Action

Project 2. 65

Preliminary drawings have been submitted to the User and comments have been received.

Project 3. 1

Foundation drawings for Stations 310 and 311 have been issued as final. Preliminary drawings of Stations 313. 01 thru 313. 06 have been forwarded to the User for comment.

## HOME OFFICE - ENGINEERING (Continued)

## Project 4. 1

Drawings for Building 149, site David, have been forwarded to the User for review and comment. It is anticipated that final drawings will be issued during the week of 21 November. Preliminary design of Stations 410.01 and 411.01 is in process.

## Project 5. 5

Design is in process.

## Project 5. 6

Preliminary drawings of Station 560.01 thru 560.05 have been submitted to the Users for review and comment. Design work on the other stations involved is in process.

## Project 5. 8

Preliminary drawings of Stations 580.01, -.03, -.04, and -.05 have been submitted to the Users for review and comment.

## Project 5. 9

Design work has been initiated.

## Project 8. 1, 8. 2, 8. 3 and 8. 4

Design of the stations in these Projects has been initiated

## Project 9. 1

The stations under this Project have not been established and the locations are not firm.

## COMMUNICATIONS

## DESIGN

Design of the telephone and signal systems for the complex stations in the Bikini and Eniwetok Atolls is progressing with completion estimated at approximately 40% over-all.

## HOME OFFICE - ENGINEERING (Continued)

Design of the transmitter farm at site Fred is progressing and is approximately 75% complete.

A report listing the results of the VHF propagation tests for the Inter-atoll Communications System in the PPG has been completed and forwarded for approval to publish.

Basic design of an installation for the USNS Meigs was completed and submitted for comments.

Bids were solicited for the manufacture of four corner-reflector antennas and two 100' supporting towers.

## JOBSITE - ENGINEERING ACTIVITIES

There were 39 Field Sketches issued, primarily consisting of permanent and temporary camp buildings and modifications thereto.

The submittal this month of structural reports on Stations 6A and 2301 completes the current Jobsite requirements of this nature.

## ELMER

Home Office drawings for the Machine Shop were revised to meet field conditions, and design was completed for a new emergency exit from Station 81 and for fire resistant painting. Redesign of the Rad-Safe barge to specifications is delayed pending receipt of further data from JTF-7.

Home Office drawings for Interatoll Communications at this site were revised to reflect existing conditions and certain changes in equipment layouts were made to meet field conditions under the supervision of the Communications Engineer, Test Division, USAEC.

## FRED

Home Office drawings were revised to meet field conditions for the following buildings:

- a. Addition to MATS Terminal, Building 89
- b. Air Force Supply Warehouse, Building 641
- c. Air Force Supply Warehouse, Building 648
- d. Air Force Supply Warehouse, Building 649
- e. Air Force Supply Warehouse, Building 650
- f. Navy Equipment and Storage, Building 651
- g. Consolidated Field Maintenance Shop, Building 682
- h. Consolidated Field Maintenance Shop, Building 684

## JOBSITE - ENGINEERING ACTIVITIES (Continued)

In addition to the above facilities, the related utilities plot plans were revised.

A new set of large scale drawings showing up-to-date data on power distribution were completed and issued.

Designs were completed on the tent facilities (Buildings 523, 524, 525) for the Army Security Monitoring Unit.

## DAVID

An obstruction lighting system for the antenna farm was designed.

Drawings were revised to comply with new criteria relative to clearing of undergrowth and to the height of antenna masts.

A new over-all plot plan of this site was completed.

## NAN

Home Office designs for Interatoll Communications were revised to reflect existing conditions, and at the direction of the Communications Engineer, Test Division, USAEC, to change the layout of the telephone system.

Designs for the Navy Recreation Area were completed.

## TARE COMPLEX

The design for Stations 2250 and 2260.01 and .02 were revised per Home Office instructions.

## VARIOUS SITES

KUSAIE Weather Station drawings from the Home Office were revised to relocate the site.

RONGERIK Weather Station drawings are 90% complete.

Drawings showing the beaching conditions at both atolls were revised to date.

Preliminary plot plans were prepared for micro-barograph stations (Project 3.1) at Rongerik, Wotho, Ujelang, Fred.

JOBSITE - ENGINEERING ACTIVITIES (Continued)

SURVEY

BRUCE

Proposed locations for the Raydist station were established.

DAVID

Surveys were conducted for clearing and construction of the antennas, which are part of the communications program at this site.

ELMER

Additions to the Infirmary, Building 117, and the AEC Administration, Building 209, were staked for construction. Soundings were accomplished at the LST Pier. Warehouse fire protection lines were staked for construction. Stations 10 and 12 were marked for working points and center lines.

FRED

Grade stakes were set for an extension of culverts and paved areas at the airstrip. The Air Force Supply Warehouse, Building 649, and sewer lines in the warehouse area were staked for construction.

GENE

Work continued on horizontal control, roads and parking lots. Several of the sewer lines, the small boat ramp, theater, Infirmary and helicopter pad were staked for construction.

HENRY

Proposed locations for the Raydist station were established.

JANET

Aggregate stockpiles were measured and levels taken at proposed scientific station sites.

LEROY

Proposed locations for the Raydist station were established.

## JOBSITE - ENGINEERING ACTIVITIES (Continued)

## URSULA COMPLEX

The layout of construction continued for Stations 1, 2 and 3.

## YVONNE

Precise levels were run; borrow areas were staked; and test holes were staked for investigation. Station 6 was staked for construction and control is being maintained as the structure progresses. Causeways were staked for construction and survey controls were given as needed during their construction. Aggregate stockpiles were cross sectioned for the Construction/Maintenance Divisions.

## ENIWETOK LAGOON

The buoys placed for EMBL experimental purposes were located by triangulation methods and the computed coordinates were furnished to the AEC.

## CHARLIE

The edge of the reef on the ocean side of the island was located.

## FOX COMPLEX

The proposed Raydist station was located in the field and a portable tide gauge was installed. Levels were run for vertical control of the man-made islands, Nos. 1, 2 and 3; the islands were also staked for construction.

## HOW

The Raydist station was located.

## NAN

A portable tide gauge was erected at the LST Pier. Location of the proposed Raydist station was accomplished.

## TARE COMPLEX

Precise base line chaining for collimator stations was accomplished and the necessary construction stakes were set. The Station 2300 equipment room was laid out and level circuits were run.

## JOBSITE - ENGINEERING ACTIVITIES (Continued)

## BIKINI LAGOON

A third attempt was made to accomplish the triangulation at Bikini Atoll. Again Station Coca was found to be too unstable for occupation and observing. Refer to "Special Report" below.

## KAPINGAMARANGI

Fumatahachi - As-built locations and mapping were carried out and a resume of the status of construction was submitted to Management.

## SPECIAL REPORT - STATION COCA, BIKINI LAGOON

The existing triangulation station Coca was built in March 1953 on a coral head approximately six miles north of Tare in Bikini Atoll. This location was chosen as the most nearly exposed coral head near the center of the lagoon. The original structure consisted of four 10" pipe piles driven to a penetration of 4 to 8 feet with a prefabricated casing of 18" corrugated metal pipe cross-braced, slipped down over the 10" pipe and filled with concrete. This served satisfactorily as an instrument station for the CASTLE triangulation program.

When preparations were made in October, 1955, to begin triangulation observations for the REDWING Operation, an excessive movement in the structure was noted; three 2500 lb. Navy anchors were placed on the lines of greatest movement and were guyed to the structure.

After observation was completed, large discrepancies in triangle closure were noted. Investigation showed that the interior angles of the figure had an average excess of 1.4 seconds per angle which indicated the possibility of motion at Coca. A check was made the following night and a slow, continuous, rotational movement of from 10 to 15 seconds in range was noted.

Designs were then made for a structure to replace the old one, having H-pile supports and more extensive cross-bracing. Work was begun on this structure; however, due to the roughness of the lagoon it was impossible to drive piling. Since it was evident that the lagoon would continue to be rough for an extended period, a second attempt was made to stabilize the structure with eight Navy anchors and cable. Subsequent to this guying, an instrument check revealed that excess movement was still prevalent.

Following this discovery, a diver made an underwater inspection of the structure, and it was discovered that two of the four piles were broken off flush with the coral head, evidently as a result of the CASTLE experiments.

## JOBSITE - ENGINEERING ACTIVITIES (Continued)

Plans and discussions are under way for the solution of this problem and proposals will be made to the Home Office in the near future.

## TEST AND INSPECTION

The Test Laboratory processed forty-two concrete cylinders, performed routine tests of aggregate from several sites, and conducted miscellaneous tests for other Departments.

The hydraulic shutter opening mechanisms were checked in CASTLE Stations 1342, 1300 and 1301; a report on their status was submitted to the Home Office.

## PHOTOGRAPHY

An aerial photographic reconnaissance of all the islands in Eniwetok and Bikini Atolls was conducted. The photographs were taken to bring the Jobsite photographic files up-to-date; many of the islands had not been photographed since IVY and had changed considerably in contour.

The frequency of photographic progress missions has been stepped-up to meet the User requirements at Jobsite on the initial phases of the scientific construction. A total of 2,421 photographic prints were processed and distributed.

## JOBSITE - CONSTRUCTION/MAINTENANCE

## DAVID

The mess hall has been erected, reefers and equipment have been received and are being installed. Antenna towers are being assembled and erected, the laying of underground cable is in process, and the ditching and clearing is 95% complete. The generator shed has been erected, transformer pad poured, temporary generator and transformers installed. The 24-man barrack and the water and sewer systems are complete. The electrical distribution system, power and distillation building, and the joint receiver station lack electrical material, which is not currently available at Jobsite.

## ELMER

All concrete has been poured and structural steel erected for the new Machine Shop; electrical conduit is being run for overhead lights, Nelson studs are being set, roof sheathing and gutter are being installed. Barge Station 10 is 95% structurally complete but lacks the installation of equipment. The erection of structural steel and frame buildings has started on

## JOBSITE - CONSTRUCTION/MAINTENANCE (Continued)

Barge Station 12. Barge Station 13 has the preliminary deck clearing accomplished. The addition to the administration building required about 100 yards of fill before foundation and slab were poured; aluminum bents are now being assembled. The slab has been poured for the hospital addition, the building is erected and the electrical and plumbing work are under way. Rehabilitation of the reefer bank building has been accomplished.

## FRED

Of the three new aluminum buildings recently started on this site, the Air Force Supply Warehouse, Building 648, is 57% complete; column footings have been poured and underground conduit placed for the Operations and Administration Building 679 (13.5% complete), and steel is being erected for the Quartermaster Warehouse, Building 641 (39% complete). The Demolition of 13 old buildings is 75% complete. Screening of the mess hall is complete except for two doors. Water tank replacement requires the removal of one remaining tank and the installation of another. Seventy feet of 36-inch pipe have been installed in the new salt water intake to the distillation plant. The addition to the MATS terminal lacks the latrine installation only. The storm detection radar facility is complete except for a guard rail and minor electrical work. All nineteen units of the reefer building have had new floors poured. In the rehabilitation of tent frames project, the carpentry has been completed and the electrical work is in process.

## GENE

Work orders, covering the following facilities, have been completed: marine dispatcher's shed, personnel pier, marine ramp, ground storage water tank, carpenter shop, Gene - Helen causeway, pump house, and the vehicle repair shop.

The helicopter pad has been graded and compacted. The air dispatcher's tent is complete except for electrical installations. A hot water tank has been connected and lagging placed on the tank and lines within the boiler house; millwork has been installed in the plumbing shop; the Electric Shop has been framed and wiring installed. The grease rack has been framed and the necessary excavation accomplished. The reefer building has been framed and roofed. Piers for the movie projection booth were poured and the structure framed. Tents, numbered 1 to 12, were wired. The power and distillation building was framed and the pumps anchored. In the mess hall, steam lines were lagged; stanchions, millwork, sink, wiring and refrigeration units were installed.

## JOBSITE - CONSTRUCTION/MAINTENANCE (Continued)

## URSULA

Station 1: H-beam piling has been driven, and all anchor blocks poured and forms stripped. Excavation is in progress for the tower footings and base, and the forms are being fabricated.

Station 2: All anchor blocks have been poured, forms stripped and back filling accomplished. Tower footings forms have been poured and stripped. Elevator slab and pit have been poured. The Tower is erected to the 100-foot level.

Station 3: All H-beam piling has been driven. Anchor blocks, tower footings and elevator pit have been poured and forms stripped.

Station 4: Excavation has started and forms fabricated.

Stations 2211 and 2231.02: Form fabrication has started.

Station 2301: The lean-to has been dismantled and slab demolished. The hydraulic system has been set up and form fabrication started.

## YVONNE

In the construction of two causeways, No. 1 (Mirror shed): all rail holes have been drilled, the majority of rails driven, and 700 lineal feet of timber lagging have been placed; No. 2 for (Station 24): the drilling of rail holes has begun. Over 700 cubic yards of earth fill have been stock-piled near the north end of these causeways. Crushing and batch plants have been set up and are in operation.

Scientific Station 6: All anchor blocks have been excavated and reinforcing steel and forms set; H-piling has been driven for the No. 2 anchor; No. 3 anchor has been poured.

Scientific Station 1524: Fabrication of forms is under way.

A Cleaver-Brooks unit was installed in the distillation plant and a Badger unit was removed in order to provide additional fresh water for camp supply.

## JOBSITE - CONSTRUCTION/MAINTENANCE

## NAN

The paint storage building, fresh water service to the aircraft area, camp office (Increment 3), mess hall storage building and AEC administration building have been completed. Latrine 55 has been erected. The trailer parking area and the enclosed Latrine 197 are completed except for barbed wire. Lack of material and equipment at Jobsite prevents completion of the pier storage building, AEC warehouse, the bin storage building, and the plumbing shop. Tent housing requires additional electrical material.

## FOX

Reefers have been installed in the mess hall and reefer building, leaving only minor sheet metal work to complete these structures. The marine dispatcher's office lacks a telephone which, with necessary cable, will complete the telephone system. Man-made Island 3 is awaiting the arrival of curved channel steel before the remaining fill and tie rods can be placed. The drilling of holes for rail piling is under way at Man-made Island 2.

## TARE

The power and distillation plant is complete. The lack of hardware and other equipment is holding up completion of the administration office, first aid building, Latrine 30, general bulk warehouse, carpenter, plumbing and electrical shops. In the new equipment room of Station 2300, the foundation formwork is finished, piping well advanced, and chipping of concrete is 85% complete. At Station 22, excavation and form work have started and piling has been driven. Electrical conduit and fixtures are being installed in Station 2200.

## KAPINGAMARANGI

The work party completed the first increment of the Kapingamarangi Weather Station at 1700 hours on 12 October and departed for Eniwetok at 1800 hours on the same day. While at sea, the ship was diverted by Naval orders to pick up material at Kwajalein; this action delayed their arrival at Eniwetok until 1230 hours on 17 October. The elapsed time on the trip from Eniwetok to Kapingamarangi was 63 hours - and from Kapingamarangi to Kwajalein to Eniwetok was 114 1/2 hours. This delay resulted in extra travel time pay.

## JOBSITE - CONSTRUCTION/MAINTENANCE (Continued)

A review of the daily log kept by the Assistant Superintendent (B/M) who was in charge of the group has proven to be beneficial in preparing for the weather station expeditions at Kusaie and Tarawa. Items incorporated in the future weather station planning are as follows:

- (a) Minor changes in drawings to expedite field erection.
- (b) More prefabrication work at Elmer.
- (c) Closer inspection of equipment to prevent job breakdown.
- (d) Closer scrutiny of manpower requirements to keep within the specified time limit.

The Kapingamarangi work was accomplished expeditiously considering the fact that the men were at the site only 23 days and were hampered by rain and equipment breakdown. All the remaining work of the first increment can be completed, with the addition of about four men to the crew that will be sent out for equipment installation in February.

## SUMMARY OF KAPINGAMARANGI WORK ACCOMPLISHED TO DATE:

Barrack 1, the reefer bank, causeway, sewer and water systems are complete. Barrack 2 lacks a door pad and an outside water cooler pad; this building is 99% complete. The water tower and the personnel pier are also 99% complete; the former lacks deck railing, the latter lacks two camel logs. The pump house needs two shutters and pump equipment and is 90% complete. The mess hall is 85% complete, lacking installation of doors, roof exhaust and grease trap as well as screening for doors, windows and ceiling. The day room is 85% finished requiring installation of three doors, 18 shutters and 40 sheets of plywood. The supply building is 75% complete, lacks installation of 23 shutters, two doors and the construction of two concrete door pads. The power and distillation plant lacks five shutters, outside fuel tanks, and all piping from the building to the acid pit and to outside tanks; this facility is 60% complete. Footings and piers for the Rawinset tower have been poured but no work has been done on the tower itself; this facility is 10% finished. Nothing has been accomplished toward erecting the 90 foot pole or homing antennas. It is believed that ten men can complete the entire job in another five days.

MAPS AND CHARTS. All maps and charts have been brought up to date as of the 15th of this month.

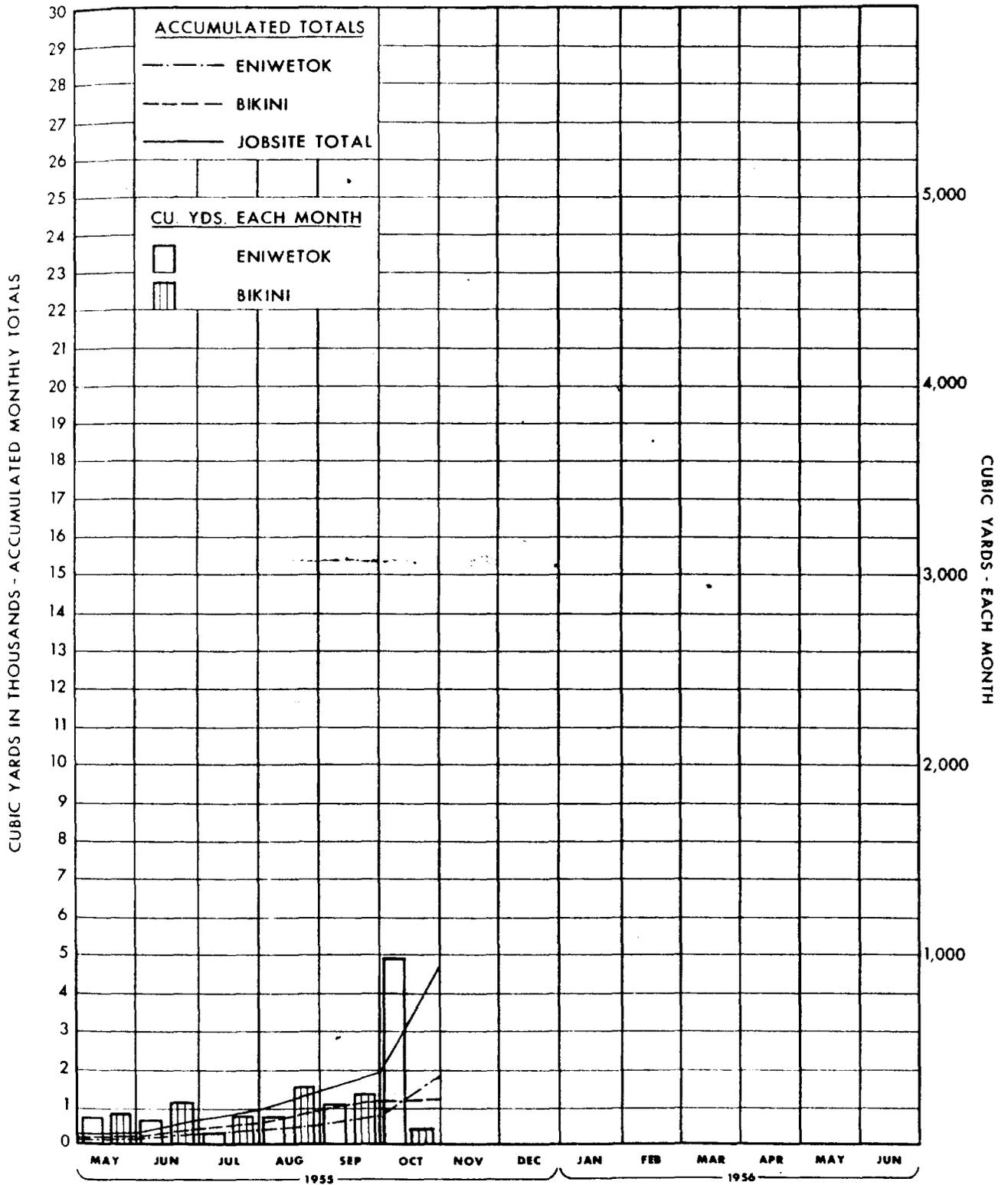


Figure 1. Concrete Poured - Both Atolls





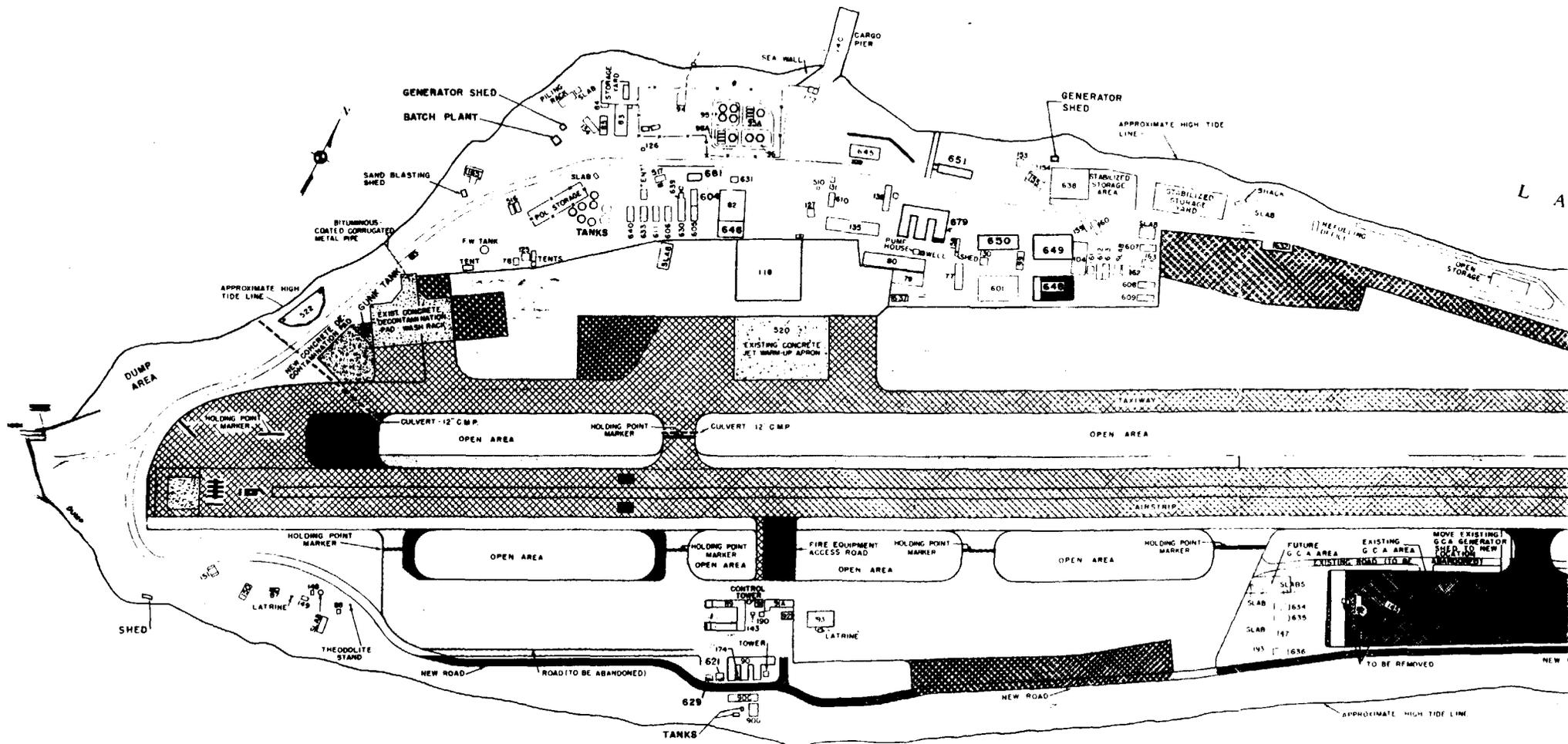
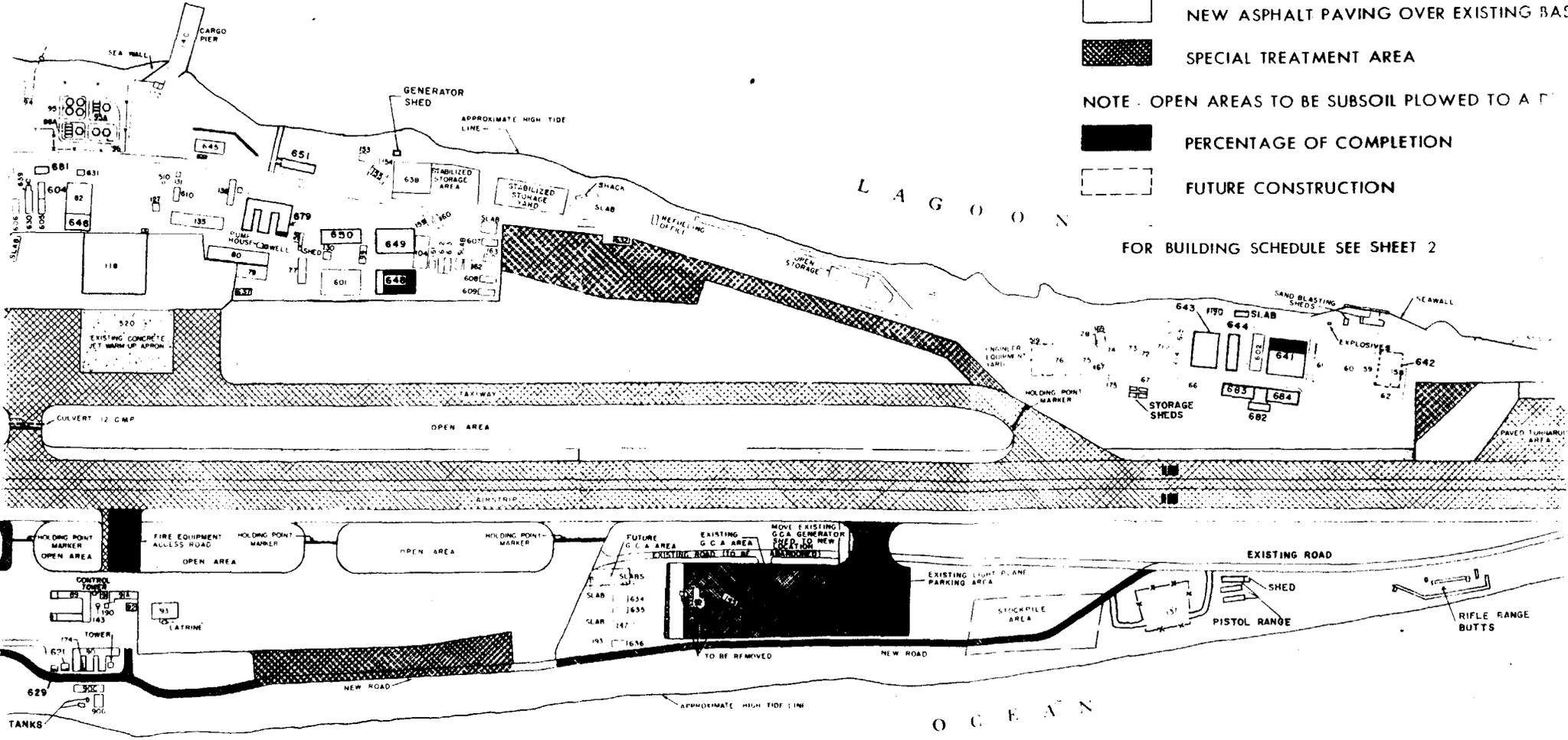


Figure 3A. Site Fred, Eniwetok Atoll (Southern Half)

LEGEND

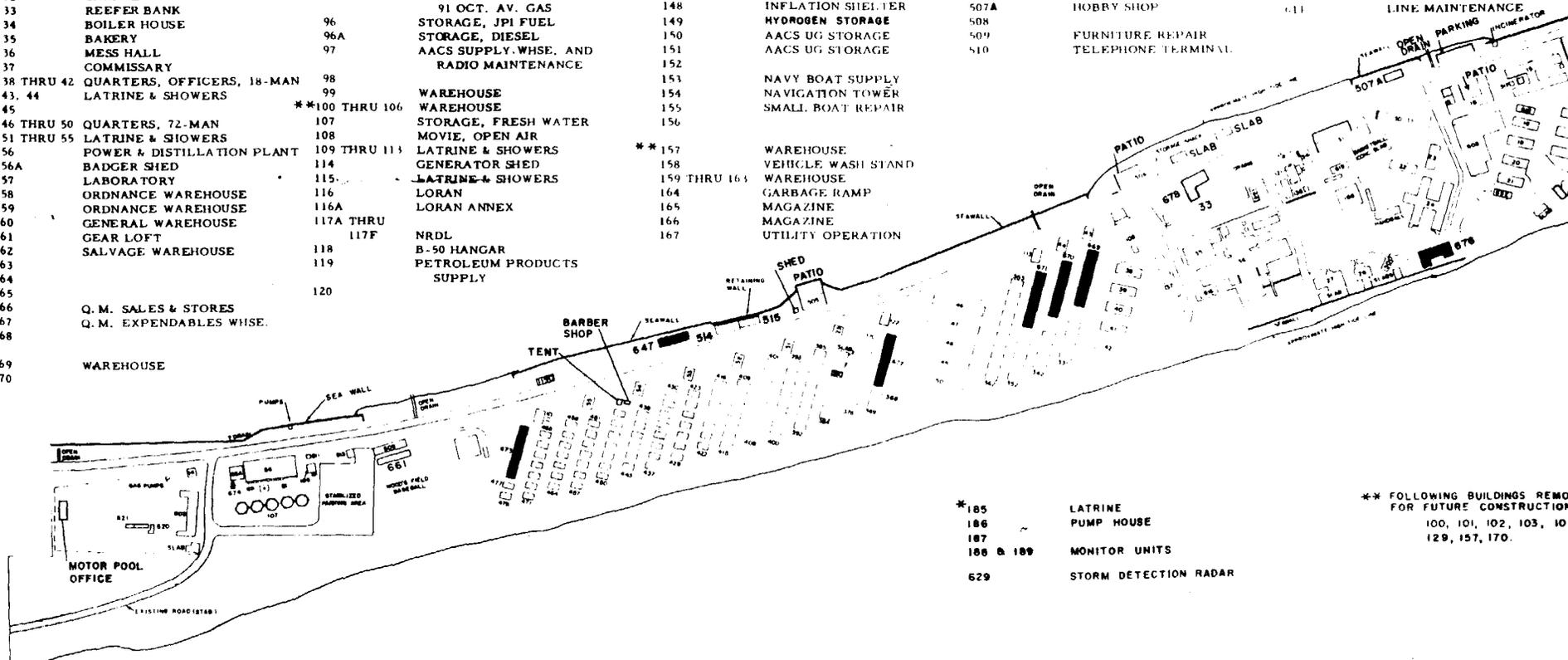
-  EXISTING PAVEMENT
  -  NEW ASPHALT PAVING OVER NEW CRUSHED
  -  NEW ASPHALT PAVING OVER EXISTING BASE
  -  SPECIAL TREATMENT AREA
- NOTE - OPEN AREAS TO BE SUBSOIL PLOWED TO A DEPTH OF 15 CM
-  PERCENTAGE OF COMPLETION
  -  FUTURE CONSTRUCTION

FOR BUILDING SCHEDULE SEE SHEET 2



### BUILDING SCHEDULE

BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION
1	E. M. RECREATION (NAVY)	71	WAREHOUSE	121	ELEVATED WATER STORAGE	165	PERISHING FIELD PARADE GROUND	211	OFFICE
1A	LATRINE	72	SQUARE & COMPASS CLUB	72	STORAGE	166	DIAN MAINT. OFFICE	212	GENERATOR SHED
2	OFFICERS BEACH CLUB	73 THRU 76	WAREHOUSE	122, 123	LATRINE & SHOWERS	169	OFFICE	213	FIRE DEPT. STOR. SHED
3	TRANSMITTER (POWER)	77	DRONE HEADQUARTERS	124	SALT WATER PUMP STATION	**170	OFFICE	214	ENGINEER MAINT. SHOP AND MORTUARY
4	RECEIVER	78	AIRCRAFT DECONTAMINATION OFFICE	125	LATRINE & DECONTAMINATION SHOWER	171		215	ENGR. MAINT. OFFICE
4A	TRANSFORMER BLDG.	79	ELECTRONIC CONTROL	**126 THRU 130	LATRINE	172		216	STORAGE FOR 50 GAL. DRUM
5 THRU 8	SHOWER & LATRINE	80	BULK STORAGE	131	BOOSTER PUMP HOUSE	173		217	POL OFFICE
9	OPEN AIR SHOWER & LATRINE	81		132	SENTRY POST	175		218	STORAGE FOR 50 GAL. DRUM
10	QUARTERS, 36-MAN	82	AIRCRAFT MAINT. SHOP	133		**176 THRU 184		219	ENGINEERS PAINT SHOP
11, 12, 13	QUARTERS, 72-MAN	83	SIGNAL CORPS WISE	134	SIGNAL CORPS REPAIR	191		220	MOTOR POOL SHIP OFFICE
14	DISPATCHER SHACK	84	TRANSMITTER (POWER)	135	AUXILIARY EQUIP. STORAGE	192		221	GREASE RACK
15	GROUP HEADQUARTERS	85	RECEIVER	136	GUARD HOUSE	193		222	SKET RANG
16	P.O., P.X., & BARBER SHOP	86		137	MAGAZINE	194 THRU 200		223 THRU 299	WAREHOUSE
17	LATRINE AND SHOWERS	87	FUEL STORAGE	138	AF AUXILIARY POWER	201 THRU 478		601	WAREHOUSE
18 THRU 21	QUARTERS, 18-MAN	88	WEATHER STATION	139	CARGO PIER	479 THRU 490		602	SPECIAL SERVICES
22, 23	HOSPITAL WARD	89	BASE OPERATIONS & TOWER	140		491 THRU 499		603	ELECTRONICS MAINTENANC
24	DISPENSARY	90	AIR TASK FORCE GROUP HDQTRS.	141		500	GENERAL OFFICE QUARTERS	604	ELECTRONICS MAINTENANC
25	LATRINE	91	ALERT CREW OFFICE	142		501		605	ELECTRONICS MAINTENANC
26	ATCOM RESIDENCE	91A	CRASH TRUCK SHELTER	143	PERSONNEL PIER	502		606	TECH. SUPPLY & INSPECT.
27	OFFICERS CLUB	92	L-13 OPERATIONS	144	AACS EMERGENCY POWER	503	H.Q. & H.Q. DETACHMENT	607	AIR WEATHER SERVICE
28		93	L-13 MAINTENANCE	145	ICE PLANT	504	MOTOR POOL REPAIR SHOP	608	AIR WEATHER SERVICE
29	FIRE STATION	94	POL PUMP HOUSE	146	HUT	505	DUFFY'S TAVERN	609	AIR WEATHER SERVICE
30	MOVIE, OPEN AIR	95	STORAGE, 100 OCT. AV. GAS	147	BASE FLIGHT MAINT.	506	NGO CLUB	610	PHOTO LABORATORY
31	LAUNDRY	95A	STORAGE, MO. GAS & 91 OCT. AV. GAS	148	INFLATION SHELTER	507A	HOBBY SHOP	611	LINE MAINTENANCE
32	CHAPEL	96	STORAGE, JPI FUEL	149	HYDROGEN STORAGE	508			
33	REEFER BANK	96A	STORAGE, DIESEL	150	AACS UG STORAGE	509			
34	BOILER HOUSE	97	AACS SUPPLY. WHSE. AND RADIO MAINTENANCE	151	AACS UG STORAGE	510	FURNITURE REPAIR		
35	BAKERY	98		152			TELEPHONE TERMINAL		
36	MESS HALL	99	WAREHOUSE	153	NAVY BOAT SUPPLY				
37	COMMISSARY	99	WAREHOUSE	154	NAVIGATION TOWER				
38 THRU 42	QUARTERS, OFFICERS, 18-MAN	**100 THRU 106	WAREHOUSE	155	SMALL BOAT REPAIR				
43, 44	LATRINE & SHOWERS	107	STORAGE, FRESH WATER	156					
45		108	MOVIE, OPEN AIR	**157	WAREHOUSE				
46 THRU 50	QUARTERS, 72-MAN	109 THRU 113	LATRINE & SHOWERS	158	VEHICLE WASH STAND				
51 THRU 55	LATRINE & SHOWERS	114	GENERATOR SHED	159 THRU 163	WAREHOUSE				
56	POWER & DISTILLATION PLANT	115	LATRINE & SHOWERS	164	GARBAGE RAMP				
56A	BADGER SHED	116	LORAN ANNEX	165	MAGAZINE				
57	LABORATORY	117A THRU 117F	NRDL	166	MAGAZINE				
58	ORDNANCE WAREHOUSE	118	B-50 HANGAR	167	UTILITY OPERATION				
59	ORDNANCE WAREHOUSE	119	PETROLEUM PRODUCTS SUPPLY						
60	GENERAL WAREHOUSE	120							
61	GEAR LOFT								
62	SALVAGE WAREHOUSE								
63									
64									
65									
66	Q. M. SALES & STORES								
67	Q. M. EXPENDABLES WHSE.								
68									
69	WAREHOUSE								
70									



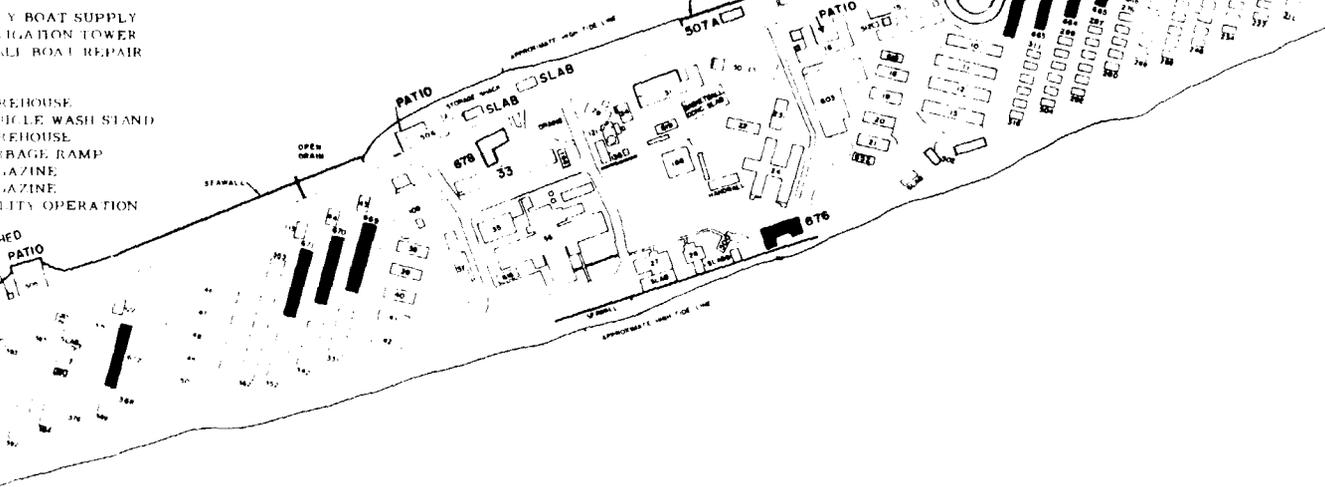
\* 185 LATRINE  
 186 PUMP HOUSE  
 187  
 188 & 189 MONITOR UNITS  
 629 STORM DETECTION RADAR

\*\* FOLLOWING BUILDINGS REMOVED FOR FUTURE CONSTRUCTION  
 100, 101, 102, 103, 104, 129, 157, 170.

Figure 3B. Site Fred, Eniwetok Atoll (Northern Half)

# BUILDING SCHEDULE

DESCRIPTION	BLDG No.	DESCRIPTION	BLDG No.	DESCRIPTION	BLDG No.	DESCRIPTION
CALLED WATER STORAGE	168	PERSHING FIELD PARADE GROUND	511	OFFICE	612	SUPPLY
SHOWER SHOWERS	169	DN MAINT. OFFICE	512	GENERATOR SHED	613	SUPPLY
WATER PUMP STATION	** 170	OFFICE	513	FIRE DEPT. STOR. SHED	614	DEPOT SUPPLY
PINE & DECONTAMINATION SHOWER	171		514	ENGINEER MAINT. SHOP AND MORTUARY	615	DEPOT SUPPLY
PINE	172	PIER OFFICE	515	ENGR. MAINT. OFFICE	616	FOOD SERVICE OFFICE
PINE	173		516	STORAGE FOR 50 GAL. DRUMS	617	GEAR LOFT
WATER PUMP HOUSE	174	WEATHER RADAR TOWER	517	POL OFFICE	618	AG OFFICE
TRY POST	175	H&N INSPECTOR'S OFFICE	518	STORAGE FOR 50 GAL. DRUMS	619	SPECIAL SERVICE WHSE.
	** 176 THRU 184		519	ENGINEERS PAINT SHOP	620	ORDNANCE MAINTENANCE
NAVY CORPS REPAIR	190	TELEPHONE TERMINAL BLDG.	520	MOTOR POOL SHOP OFFICE	* 621 THRU 628	PARACHUTE REPACK BUILDING
MILITARY EQUIP. STORAGE	191		521	GREASE RACK	630	CARPENTER SHOP
REPAIR HOUSE	192		522	SKEET RANGE	631	WRECKED PERSONAL EQUIP. (A. F. WHSE.)
MAGAZINE	193	SHED	523 THRU 599		632	AIRCRAFT PARTS
AUXILIARY POWER	194 THRU 200	QUARTERS, 8-MAN	600	WAREHOUSE	633	NAVY OPERATIONS
GO PIER	478 THRU 490		601	WAREHOUSE	634 THRU 636	
	491 THRU 499	GENERAL OFFICE QUARTERS	602	SPECIAL SERVICES		
SONNET PIER	500		603	ELECTRONICS MAINTENANCE		
EMERGENCY POWER PLANT	501	H. Q. & H. Q. DETACHMENT	604	ELECTRONICS MAINTENANCE		
	502	MOTOR POOL REPAIR SHOP	605	TECH. SUPPLY & INSPECT.		
	503	SWIMMERS TAVERN	606	AIR WEATHER SERVICE		
	504	DUFFY'S TAVERN	607	AIR WEATHER SERVICE		
	505	NCO CLUB	608	PHOTO LABORATORY		
	506	HOBBY SHOP	609	LINE MAINTENANCE		
	507A		610			
	508	FURNITURE REPAIR	611			
	509	TELEPHONE TERMINAL				
	510					

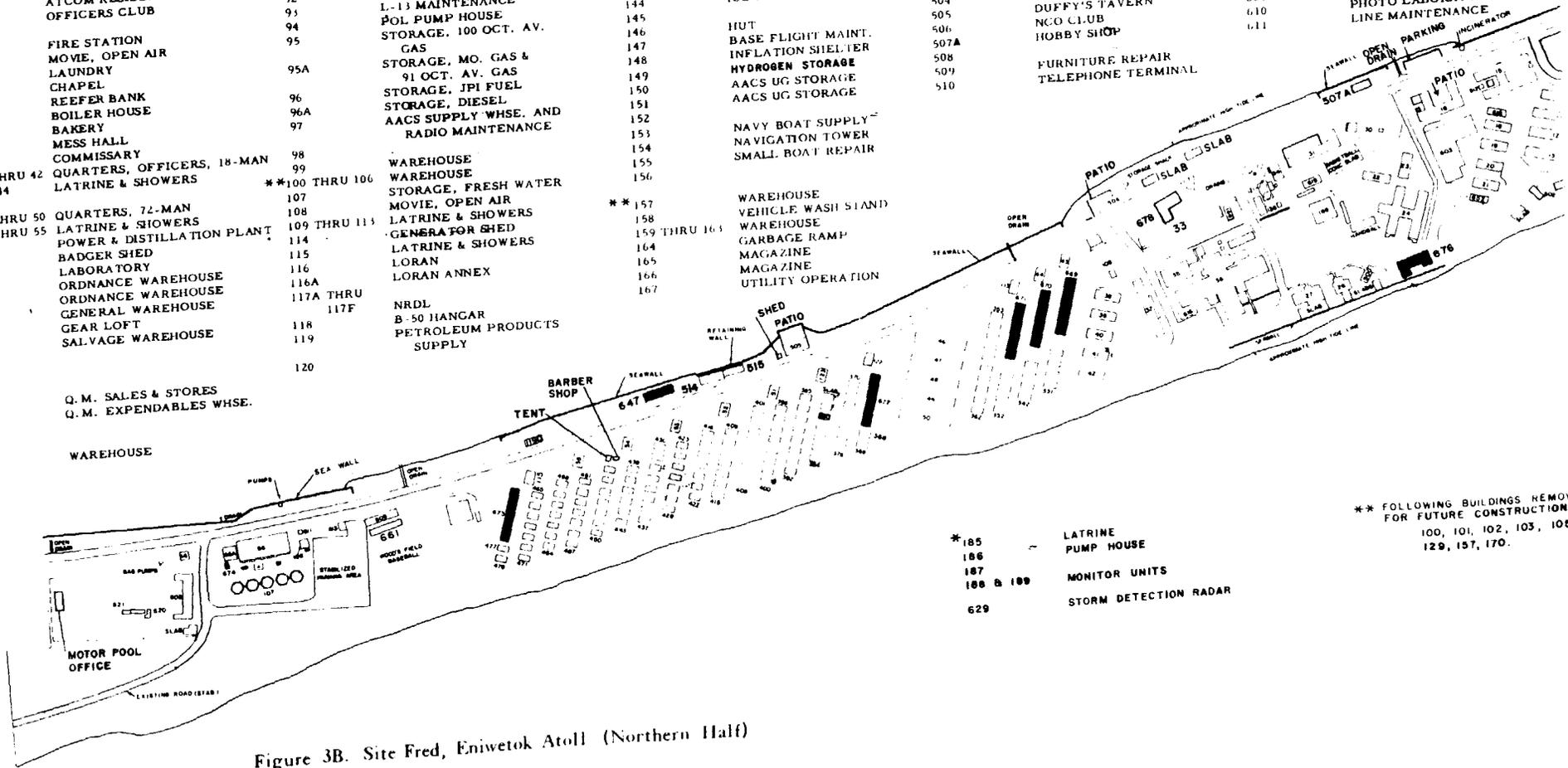


* 185	LATRINE
186	PUMP HOUSE
187	
188 & 189	MONITOR UNITS
629	STORM DETECTION RADAR

\*\* FOLLOWING BUILDINGS REMOVED FOR FUTURE CONSTRUCTION:  
100, 101, 102, 103, 105, 106, 129, 157, 170.

BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION
637	AF PERSONAL GEAR STORAGE	680	
638	SUPPLY WAREHOUSE	681	ELECTRONICS & COMM. BLDG.
639	PARACHUTE DRYING TOWER AND BOILER HOUSE	682, 683, 684	CONSOLIDATED FIELD MAINTENANCE SHOPS
640	AEC WAREHOUSE		
641	TO Q. M. WHSE.		
642	ASSIGNED TO ORDNANCE WHSE.		
643	Q. M. WHSE.		
644	Q. M. SALES		
645	ASSIGNED TO T. C. GEAR LOFT		
646	AIRCRAFT ENGINE BLDG.		
647	M. P. HDQTRS.		
648 THRU 650	ASSIGNED TO WAREHOUSE		
651	EQUIP. & STORAGE BLDG.		
652	RADIO STATION WXLE		
653			
654	ASSIGNED TO 40 MAN BKS.		
655 THRU 657			
658 THRU 659	ASSIGNED TO 40 MAN BKS.		
660	RAWINSONDE		
661	ENG. EQUIP. BLDG.		
662 THRU 673	48 MAN BARRACKS		
674	WELDING SHED		
675	C. G. QUARTERS		
676	GUEST HOUSE		
677	SWIMMING POOL		
678	CHAPEL		
679	OPERATIONS & ADMIN. BLDG.		

BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION
1	E. M. RECREATION (NAVY)	71	WAREHOUSE	121	ELEVATED WATER STORAGE	168	PERSHING FIELD PARADE GROUND	511	OFFICE
1A	LATRINE	72	SQUARE & COMPASS CLUB	122, 123	LATRINE & SHOWERS	169	H&N MAINL. OFFICE	512	GENERATOR SHED
2	OFFICERS BEACH CLUB	73 THRU 76	WAREHOUSE	124	SALT WATER PUMP STATION	** 170	OFFICE	513	FIRE DEPT. STOR. SHED
3	TRANSMITTER (POWER)	77	DRONE HEADQUARTERS	125	LATRINE & DECONTAMINATION SHOWER	171	PIER OFFICE	514	ENGINEER MAINT. SHOP AND MORTUARY
4	RECEIVER	78	AIRCRAFT DECONTAMINATION OFFICE	** 126 THRU 130	BOOSTER PUMP HOUSE	172	WEATHER RADAR TOWER	515	ENGR. MAINT. OFFICE
4A	TRANSFORMER BLDG.	79	ELECTRONIC CONTROL	131	SENTRY POST	173	H&N INSPECTOR'S OFFICE	516	STORAGE FOR 50 GAL. DRUMS
5 THRU 8	SHOWER & LATRINE	80	BULK STORAGE	132	SIGNAL CORPS REPAIR	174	TELEPHONE TERMINAL BLDG.	517	POL OFFICE
9	OPEN AIR SHOWER & LATRINE	81	AIRCRAFT MAINT. SHOP	133	AUXILIARY EQUIP. STORAGE	175	SHED	518	STORAGE FOR 50 GAL. DRUMS
10	QUARTERS, 36-MAN	82	SIGNAL CORPS WISE.	134	GUARD HOUSE	191	WAREHOUSE	519	ENGINEERS PAINT SHOP
11, 12, 13	QUARTERS, 72-MAN	83	TRANSMITTER (POWER)	135	MAGAZINE	192	WAREHOUSE	520	MOTOR POOL SHOP OFFICE
14	DISPATCHER SHACK	84	RECEIVER	136	AF AUXILIARY POWER	193	WAREHOUSE	521	GREASE RACK
15	GROUP HEADQUARTERS	85	FUEL STORAGE	137	WEATHER STATION	194 THRU 200	WAREHOUSE	522	SKEET RANGE
16	P.O., P.X., & BARBER SHOP	86	WEATHER STATION	138	BASE OPERATIONS & TOWER	201 THRU 478	WAREHOUSE	523 THRU 599	WAREHOUSE
17	LATRINE AND SHOWERS	87	AIR TASK FORCE GROUP HDQTRS.	139	ALERT CREW OFFICE	479 THRU 490	WAREHOUSE	601	SPECIAL SERVICES
18 THRU 21	QUARTERS, 18-MAN	88	CRASH TRUCK SHELTER	140	L-13 OPERATIONS	491 THRU 499	WAREHOUSE	602	ELECTRONICS MAINTENANCE
22, 23	HOSPITAL WARD	89	L-13 MAINTENANCE	141	POL PUMP HOUSE	500	WAREHOUSE	603	ELECTRONICS MAINTENANCE
24	DISPENSARY	90	STORAGE, 100 OCT. AV. GAS	142	STORAGE, MO. GAS & 91 OCT. AV. GAS	501	WAREHOUSE	604	TECH. SUPPLY & INSPECT.
25	LATRINE	91A	STORAGE, JPI FUEL	143	STORAGE, DIESEL	502	WAREHOUSE	605	AIR WEATHER SERVICE
26	ATCOM RESIDENCE	92	STORAGE, DIESEL	144	AACS SUPPLY WHSE. AND RADIO MAINTENANCE	503	WAREHOUSE	606	MOTOR POOL REPAIR SHOP
27	OFFICERS CLUB	93	STORAGE, DIESEL	145	WAREHOUSE	504	WAREHOUSE	607	AIR WEATHER SERVICE
28	FIRE STATION	94	STORAGE, DIESEL	146	WAREHOUSE	505	WAREHOUSE	608	AIR WEATHER SERVICE
29	MOVIE, OPEN AIR	95	STORAGE, DIESEL	147	WAREHOUSE	506	WAREHOUSE	609	PHOTO LABORATORY
30	LAUNDRY	95A	STORAGE, DIESEL	148	WAREHOUSE	507A	WAREHOUSE	610	LINE MAINTENANCE
31	CHAPEL	96	STORAGE, DIESEL	149	WAREHOUSE	508	WAREHOUSE	611	
32	REEFER BANK	96A	STORAGE, DIESEL	150	WAREHOUSE	509	WAREHOUSE		
33	BOILER HOUSE	97	STORAGE, DIESEL	151	WAREHOUSE	510	WAREHOUSE		
34	BAKERY		STORAGE, DIESEL	152	WAREHOUSE		WAREHOUSE		
35	MESS HALL		STORAGE, DIESEL	153	WAREHOUSE		WAREHOUSE		
36	COMMISSARY		STORAGE, DIESEL	154	WAREHOUSE		WAREHOUSE		
37	COMMISSARY	98	STORAGE, DIESEL	155	WAREHOUSE		WAREHOUSE		
38 THRU 42	QUARTERS, OFFICERS, 18-MAN	99	STORAGE, DIESEL	156	WAREHOUSE		WAREHOUSE		
43, 44	LATRINE & SHOWERS	** 100 THRU 106	STORAGE, DIESEL	** 157	WAREHOUSE		WAREHOUSE		
45	QUARTERS, 72-MAN	107	STORAGE, DIESEL	158	WAREHOUSE		WAREHOUSE		
46 THRU 50	LATRINE & SHOWERS	108	STORAGE, DIESEL	159 THRU 163	WAREHOUSE		WAREHOUSE		
51 THRU 55	POWER & DISTILLATION PLANT	109 THRU 113	STORAGE, DIESEL	164	WAREHOUSE		WAREHOUSE		
56	BADGER SHED	114	STORAGE, DIESEL	165	WAREHOUSE		WAREHOUSE		
56A	LABORATORY	115	STORAGE, DIESEL	166	WAREHOUSE		WAREHOUSE		
57	LABORATORY	116	STORAGE, DIESEL	167	WAREHOUSE		WAREHOUSE		
58	ORDNANCE WAREHOUSE	116A	STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
59	ORDNANCE WAREHOUSE	117A THRU 117F	STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
60	GENERAL WAREHOUSE		STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
61	GEAR LOFT	118	STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
62	SALVAGE WAREHOUSE	119	STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
63		120	STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
64			STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
65			STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
66	Q. M. SALES & STORES		STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
67	Q. M. EXPENDABLES WHSE.		STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
68			STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
69	WAREHOUSE		STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		
70			STORAGE, DIESEL		WAREHOUSE		WAREHOUSE		



\*\* FOLLOWING BUILDINGS REMOVE FOR FUTURE CONSTRUCTION:  
 100, 101, 102, 103, 105, 129, 157, 170.

\* 185 LATRINE  
 186 PUMP HOUSE  
 187 MONITOR UNITS  
 188 & 189 STORM DETECTION RADAR  
 629

Figure 3B. Site Fred, Eniwetok Atoll (Northern Half)

# CONSTRUCTION SCHEDULE

BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION
166	PERSHING FIELD PARADE GROUND	511	OFFICE	612	SUPPLY
169	HRN MAINT. OFFICE	512	GENERATOR SHED	613	SUPPLY
** 170	OFFICE	513	FIRE DEPT. STOR. SHED	614	DEPOT SUPPLY
171		514	ENGINEER MAINT. SHOP AND MORTUARY	615	DEPOT SUPPLY
172	PIER OFFICE	515	ENGR. MAINT. OFFICE	616	FOOD SERVICE OFFICE
173		516	STORAGE FOR 50 GAL. DRUMS	617	GEAR LOFT
174	WEATHER RADAR TOWER	517	POL OFFICE	618	AG OFFICE
175	M&N INSPECTOR'S OFFICE	518	STORAGE FOR 50 GAL. DRUMS	619	SPECIAL SERVICE WHSE.
* 176 THRU 184	TELEPHONE TERMINAL BLDG.	519	ENGINEERS PAINT SHOP	620	ORDNANCE MAINTENANCE
190		520	MOTOR POOL SHOP OFFICE	* 621 THRU 628	PARACHUTE REPACK BUILDING
191		521	GREASE RACK	631	CARPENTER SHOP
192		522	SKEET RANGE	632	WRECKER PERSONAL EQUIP. (A. F. WHSE.)
193	SHED	523 THRU 599	WAREHOUSE	633	AIRCRAFT PARTS
194 THRU 200		600		634 THRU 636	NAVY OPERATIONS
201 THRU 478	QUARTERS, 4-MAN	601			
478 THRU 490		602	WAREHOUSE		
491 THRU 499		603	SPECIAL SERVICES		
500	GENERAL OFFICE QUARTERS	604	ELECTRONICS MAINTENANCE		
501		605	ELECTRONICS MAINTENANCE		
502	H.Q. & H.Q. DETACHMENT	606	TECH. SUPPLY & INSPECT.		
503	MOTOR POOL REPAIR SHOP	607	AIR WEATHER SERVICE		
504	SWIMMERS TAVERN	608	AIR WEATHER SERVICE		
505	DUFFY'S TAVERN	609	AIR WEATHER SERVICE		
506	NCO CLUB	610	PHOTO LABORATORY		
507A	HOBBY SHOP	611	LINE MAINTENANCE		
508					
509	FURNITURE REPAIR				
510	TELEPHONE TERMINAL				

* 185	LATRINE
186	PUMP HOUSE
187	
188 & 189	MONITOR UNITS
629	STORM DETECTION RADAR

\*\* FOLLOWING BUILDINGS REMOVED FOR FUTURE CONSTRUCTION:  
100, 101, 102, 103, 105, 106,  
129, 137, 170.

BLDG. No.	DESCRIPTION	BLDG. No.	DESCRIPTION
637	AF PERSONAL GEAR STORAGE	680	ELECTRONICS & COMM. BLDG.
638	SUPPLY WAREHOUSE	681	CONSOLIDATED FIELD MAINTENANCE SHOPS
639	PARACHUTE DRYING TOWER AND BOILER HOUSE		
640	AEC WAREHOUSE		
641	ASSIGNED TO Q. M. WHSE.		
642	ASSIGNED TO ORDNANCE WHSE.		
643	Q. M. WHSE.		
644	Q. M. SALES		
645	ASSIGNED TO T. C. GEAR LOFT		
646	AIRCRAFT ENGINE BLDG.		
647	M. P. HDQTRS.		
648 THRU 650	ASSIGNED TO WAREHOUSE		
651	EQUIP. & STORAGE BLDG.		
652	RADIO STATION WXLE		
653			
654	ASSIGNED TO 40 MAN BKS.		
655 THRU 657	ASSIGNED TO 40 MAN BKS.		
658 THRU 659	RA WINSONDE		
660	ENG. EQUIP. BLDG.		
661	48 MAN BARRACKS		
662 THRU 673	WELDING SHED		
674	C. G. QUARTERS		
675	GUEST HOUSE		
676	SWIMMING POOL		
677	CHAPEL		
678	OPERATIONS & ADMIN. BLDG.		
679			

P A C I F I C O C E A N

HIGH TIDE LINE

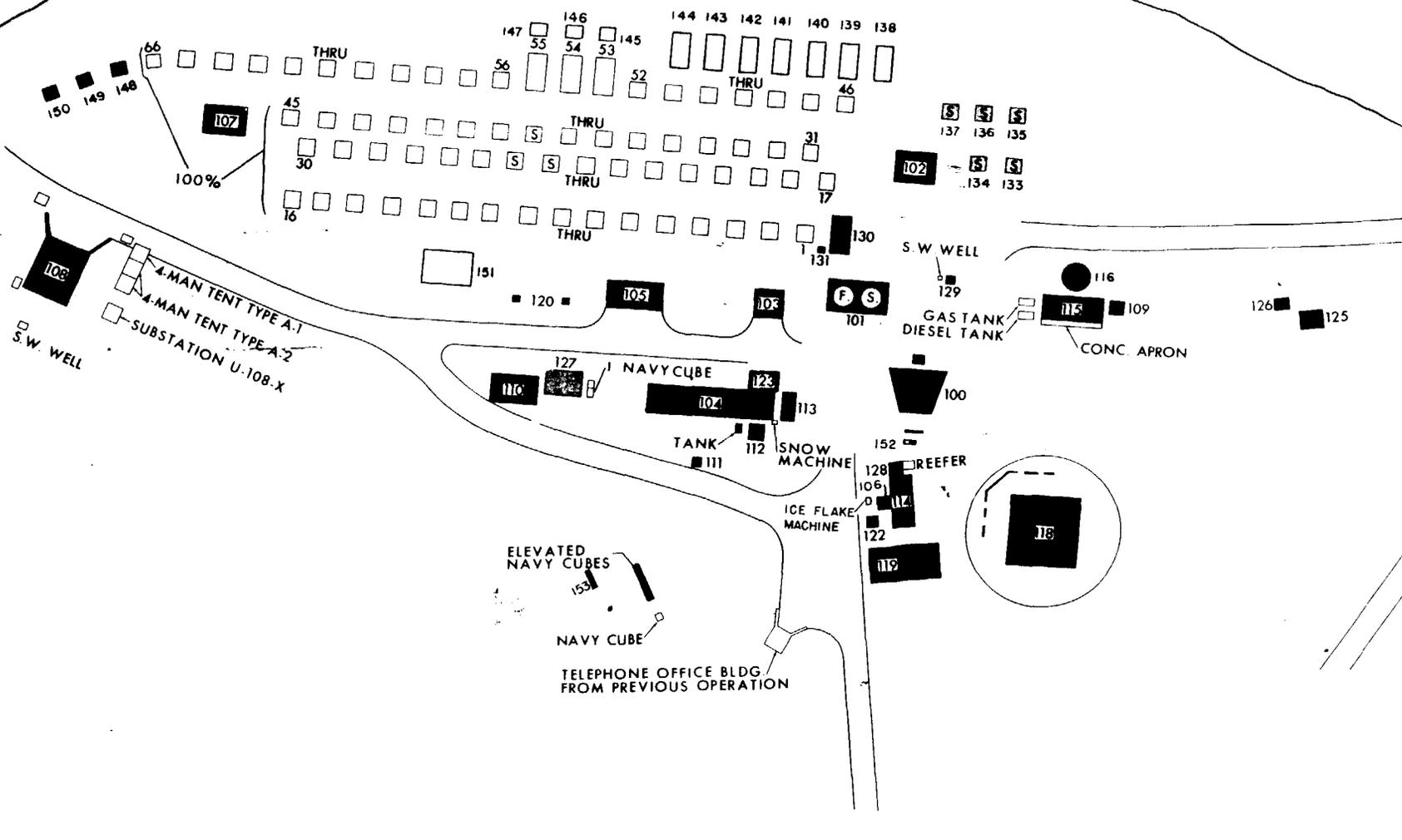


Figure 4. Ursula Campsite-Eniwetok Atoll

O C E A N

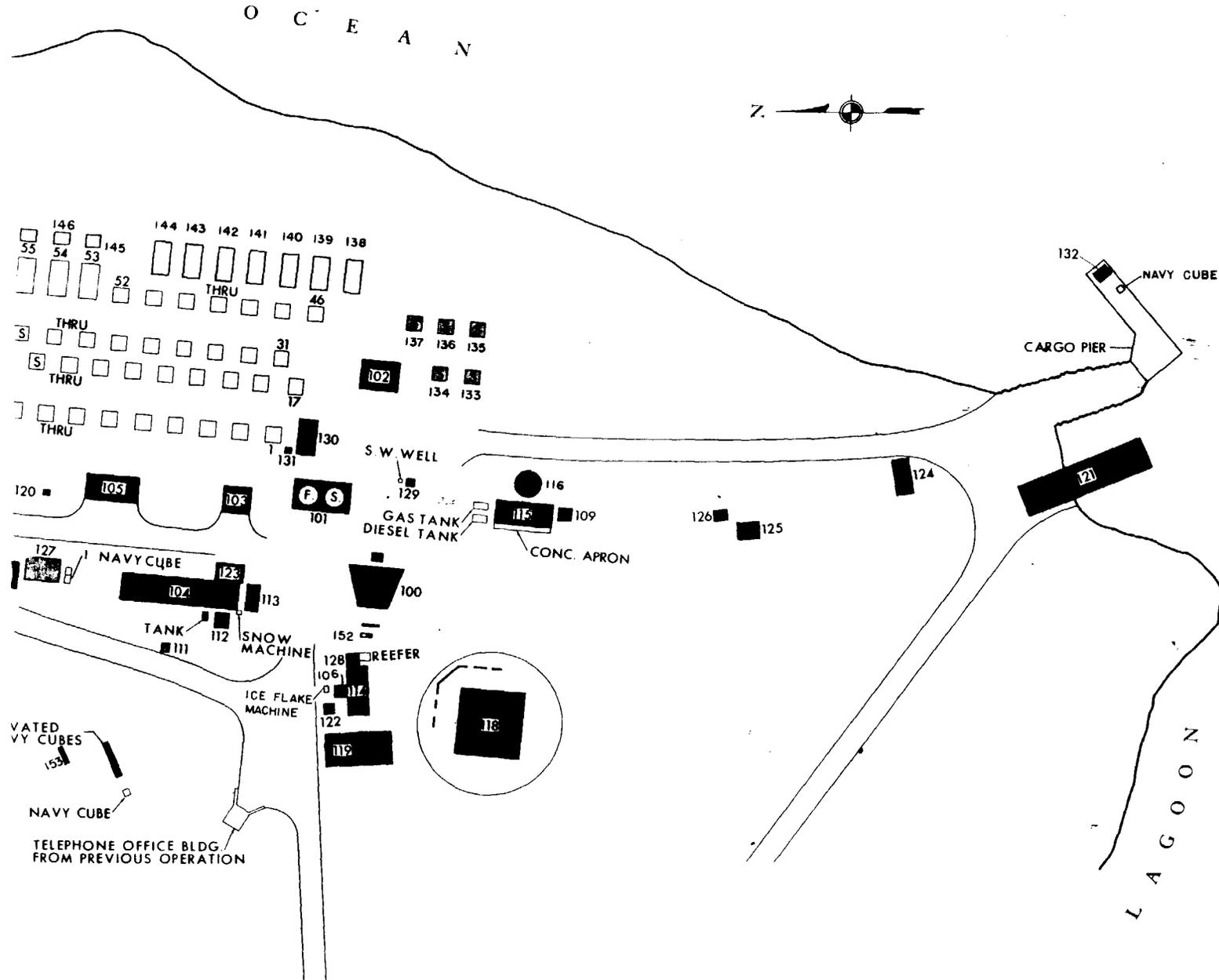


BUILDING SCHEDULE

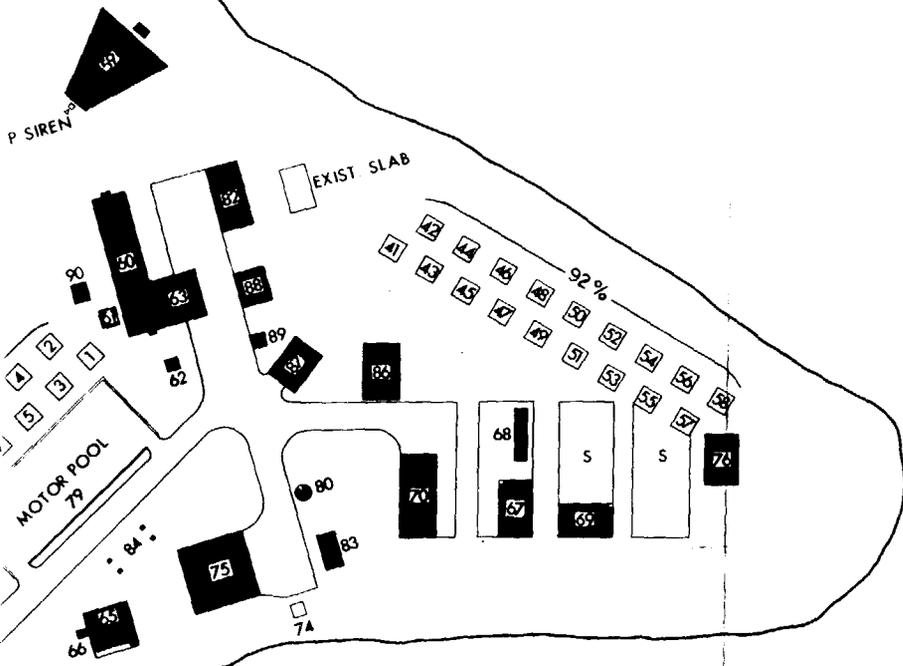
BLDG. NO.	DESCRIPTION
1 THRU 52	4 MAN TENTS
53 THRU 55	8 MAN TENTS
56 THRU 60	4 MAN TENTS
100	MOVIE THEATER
101	(2) 4200 GAL. TANKS & TOWER
102	SHOWER & LATRINES (100 MAN)
103	FIRE & FIRST AID
104	MESS HALL
105	ADMIN. OFFICE & READING ROOM
106	P. O. & P. X.
107	SHOWER & LATRINES (100 MAN)
108	POWER BUILDING
109	ACID TANK
110	HEAVY EQUIP. PLUMBING & ELEC. SHOPS
111	CARBAGE SHED
112	BOILER HOUSE
113	DRY STORES
114	RECREATION SHELTER
115	DISTILLATION PLANT
116	21,000 GAL. TANK
118	SOFTBALL FIELD
119	VOLLEYBALL COURT
120	HORSESHOE PITS
121	CONCRETE LANDING RAMP (LCT)
122	BARBER SHOP
123	REEFER SHELTER
124	WAREHOUSE
125	CARPENTER SHOP
126	CARPENTERS FIELD OFFICE
127	GENERATOR SHED
128	CANTEEN
129	PUMPHOUSE
130	CAMP OFFICE & WAREHOUSE
131	CLEAN LINEN STORAGE
132	MARINE DISPATCHER'S SHACK
133-137	4-MAN TENTS
138-144	8-MAN TENTS
145-150	4-MAN TENTS
151	100-MAN LATRINE
152	FIELD LATRINE
153	GREASE RACK

LEGEND

-  EXIST. CONCRETE SLABS OR STRUCTURES NOT REQUIRED
-  PERCENT COMPLETED



O C E A N



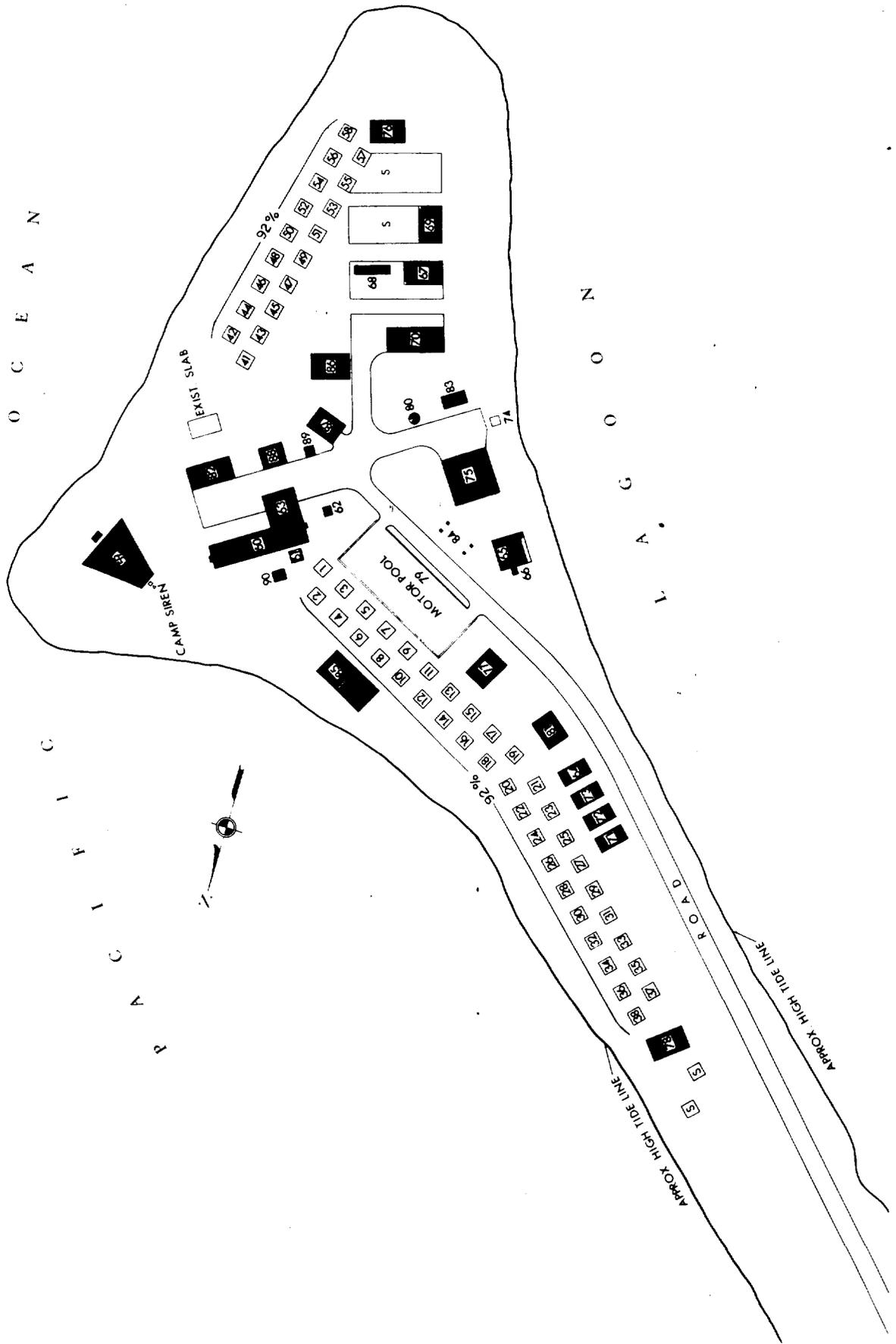
BUILDING SCHEDULE

BLDG. No	DESCRIPTION
1 THRU 58	4-MAN TENNIS
59	MOVIE
60	MESSHALL
61	BOILER HOUSE
62	GARBAGE SHED
63	REEFERS (3)
64	GUARD OFFICE & QUARTERS
65	REFRESHMENT BUILDING
66	KEEPER
67	HEAVY EQUIPMENT & VEHICLE REPAIR
68	GREASE PIT
69	CARPENTER SHOP
70	PLUMBING & ELECTRICAL SHOP
71	RECREATION OFFICE
72	GYM
73	DAY ROOM
74	ACID TANK
75	POWER & DISTILLATION PLANT
76 THRU 78	100-MAN LATRINES
79	MOTOR POOL
80	21,000 GAL. F. W. GROUND STORAGE TANK
81	P. M., P. O. & BARBER SHOP
82	ADMINISTRATION BUILDING
83	WATER TOWER
84	HORSESHOE PITS
85	VOLLEY BALL COURT
86	STORAGE WAREHOUSE
87	FIRE HOUSE & FIRST AID
88	CAMP OFFICE, SUPPLIES
89	TIME SHACK
90	LAUNDRY

LEGEND

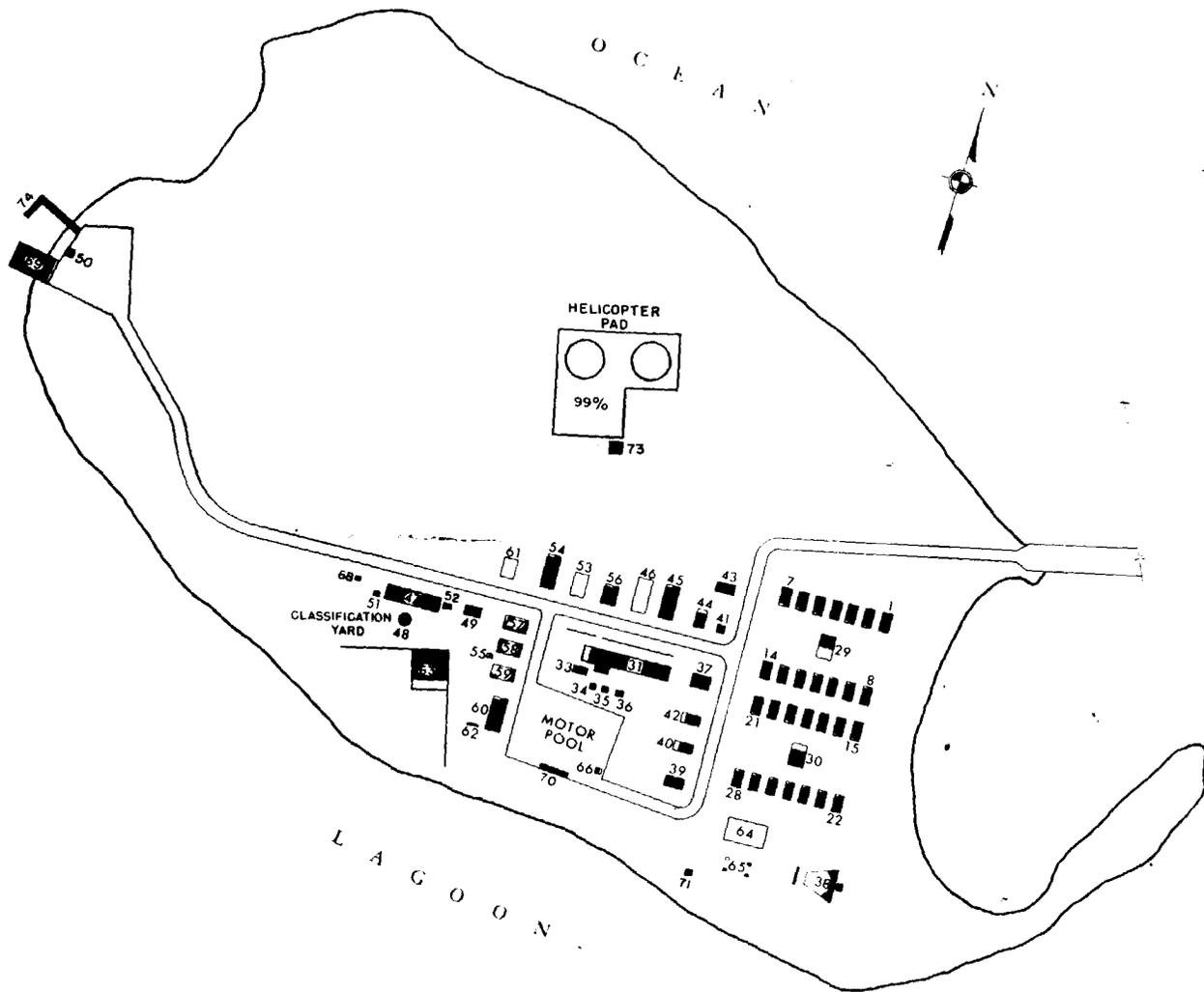
■ PERCENTAGE OF COMPLETION

L A G O O N



BUILDING No	DESCRIPTION	PERCENT
1	MAIN BLDG	
2	MESSHALL	
3	WATER HOUSE	
4	WARDEN'S QUARTERS	
5	WARD OFF	
6	RELIEF ROOM	
7	REEFER	
8	MEASUREMENT	
9	CARPENTER	
10	PLUMBING	
11	WELDING	
12	DAY ROOM	
13	ACID TANK	
14	POWER HOUSE	
15	MOTOR POOL	
16	21,000 GAL	
17	P.O. BLDG	
18	WATER TOWER	
19	WATER TOWER	
20	WATER TOWER	
21	WATER TOWER	
22	WATER TOWER	
23	WATER TOWER	
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25	WATER TOWER	
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45	WATER TOWER	
46	WATER TOWER	
47	WATER TOWER	
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51	WATER TOWER	
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83	WATER TOWER	
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85	WATER TOWER	
86	WATER TOWER	
87	WATER TOWER	
88	WATER TOWER	
89	WATER TOWER	
90	WATER TOWER	

Figure 5. Yvonne Campsite, Eniwetok Atoll



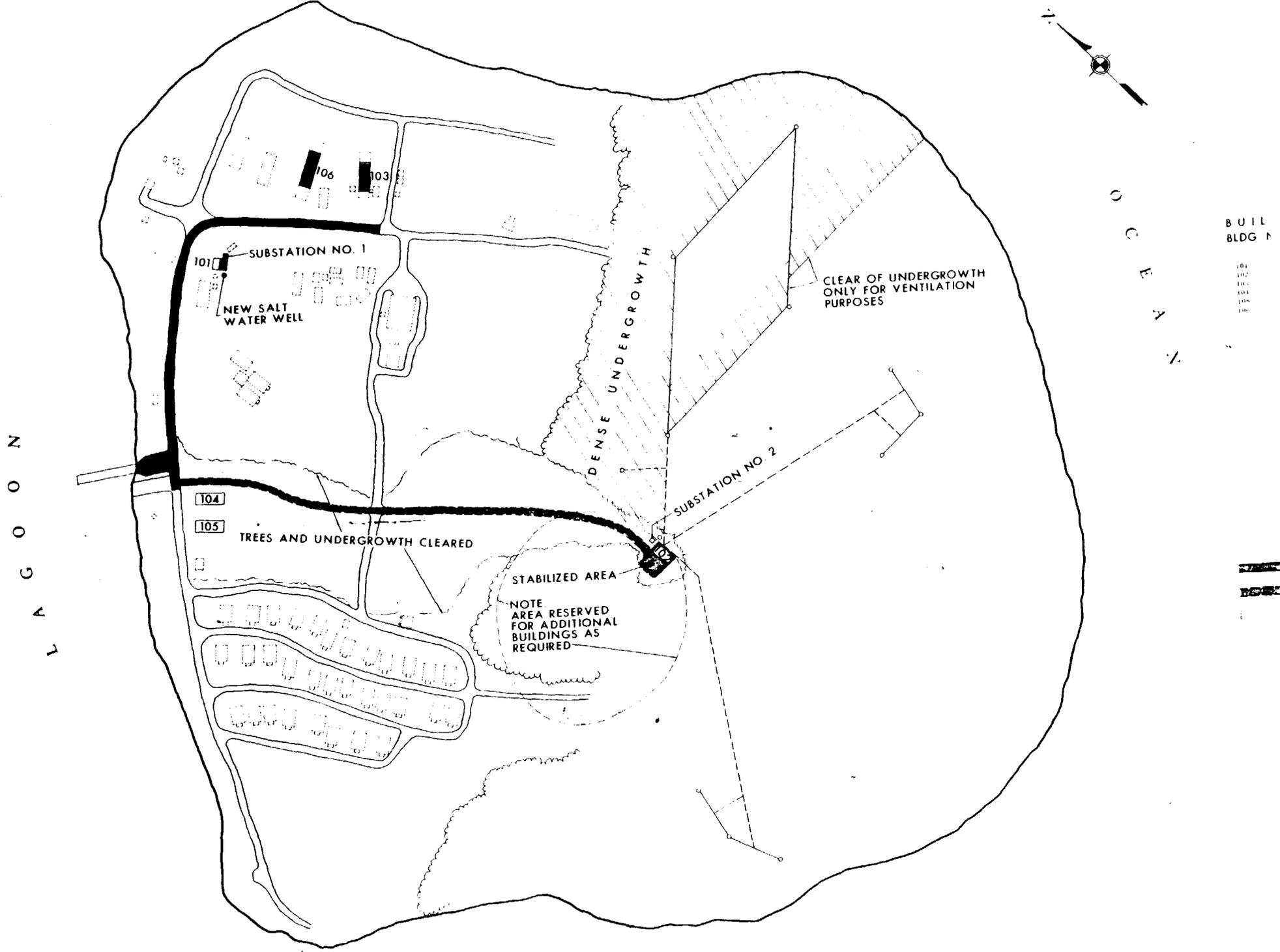
### BUILDING SCHEDULE

BLDG No	DESCRIPTION
1 THRU 24	4 MAN TENTS
25 THRU 30	12 MAN LATRINE
31	MESSHALL
32	RELFERS
34	CARRIAGE SHED
35	BOILER HOUSE
36	LAUNDRY
37	P. A., P. O., & BARBER SHOP
38	MOBILE
39	REFRESHMENT BUILDING
40	GYM
41	TIME SHACK
42	RECREATION OFFICE
43	DAY ROOM & LIBRARY
44	CAMP OFFICE
45	CONSTRUCTION OFFICE
46	ADMIN. & A. E. C. BUILDING
47	POWER & DISTILLATION PLANT
48	21,000 GAL. URD. STORAGE TANK
49	10 FT. WATER TOWER & TANKS
50	MARINE DISPATCHER SHED
51	ACID PIT
52	FUEL OIL TANK
53	A. E. C. WAREHOUSE
54	GENERAL BULK WAREHOUSE
55	FIELD LATRINE
56	FIRE HOUSE & FIRST AID
57	ELECT. & REFRIG. SHOP
58	CARPENTER SHOP
59	PLUMBING & SHEET METAL SHOP
60	VEHICLE REPAIR, HOV. DUTY SHOP
61	CEMENT STORAGE
62	GREASE BACK
63	BASEBALL FIELD
64	VOLLEY BALL COURT
65	HORSE SHOE PITS
66	MOTOR POOL DISPATCHER SHACK
67	
68	GASOLINE TANK
69	LANDING RAMP
70	P.O.L. FACILITIES
71	PUMP HOUSE
72	
73	AIR DISPATCHER'S TENT
74	PERSONNEL PIER

### LEGEND

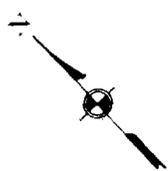
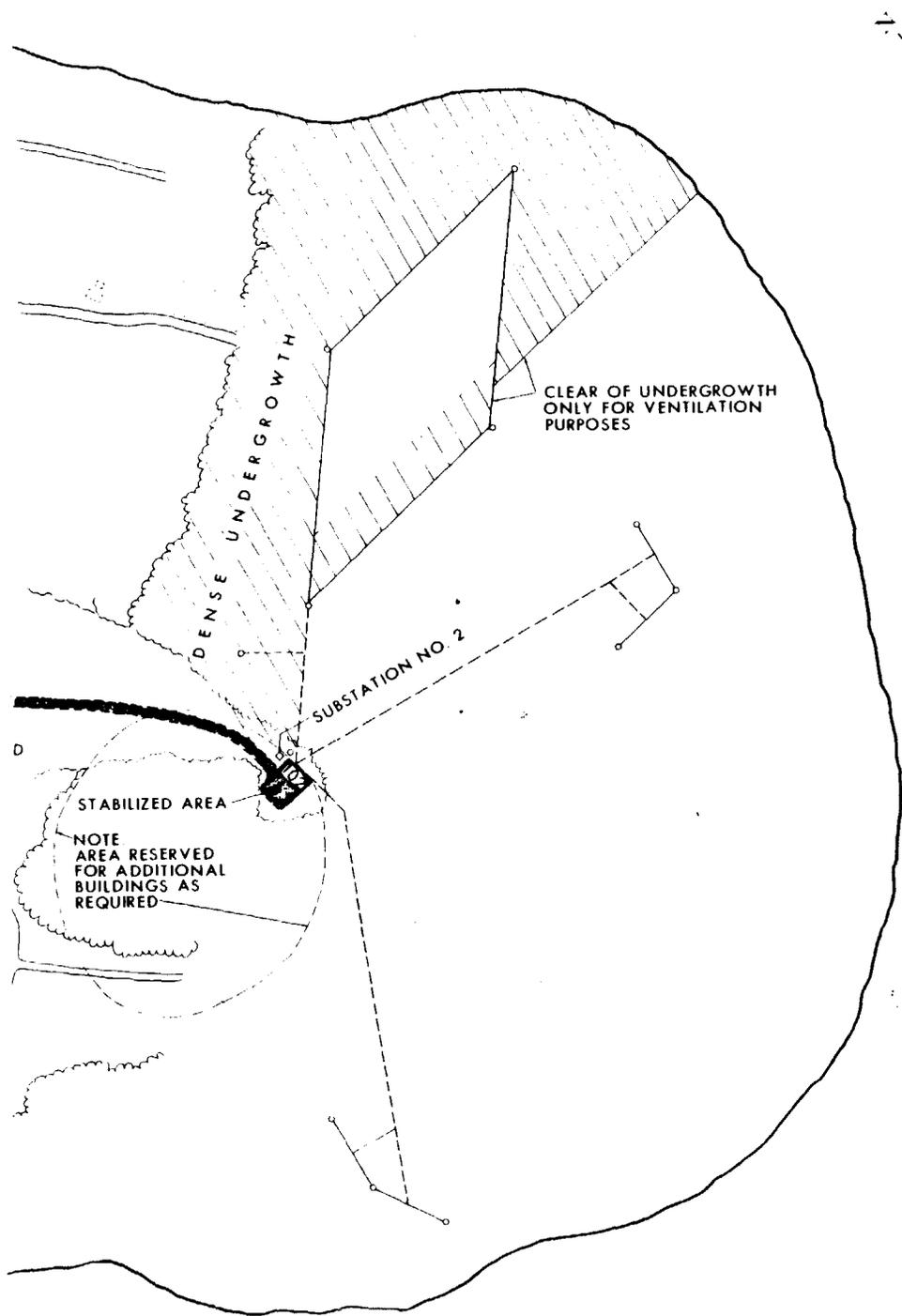
■ PERCENT OF COMPLETION

Figure 4. Gene Campsite, Eniwetok Atoll



BUILD  
BLDG 1  
101  
102  
103  
104  
105  
106

Figure 7. Site David, Eniwetok Atoll



**BUILDING SCHEDULE DESCRIPTION**

BLDG NO.	DESCRIPTION
101	NEW POWER & DISTILLATION BLDG.
102	JOINT RECEIVER BUILDING
103	MESS HALL
104	WAREHOUSE
105	WAREHOUSE
106	BARBECKS

**LEGEND**

-  REHABILITATED ROADS
-  NEW ROAD
-  EXISTING FACILITIES FROM PREVIOUS OPERATIONS

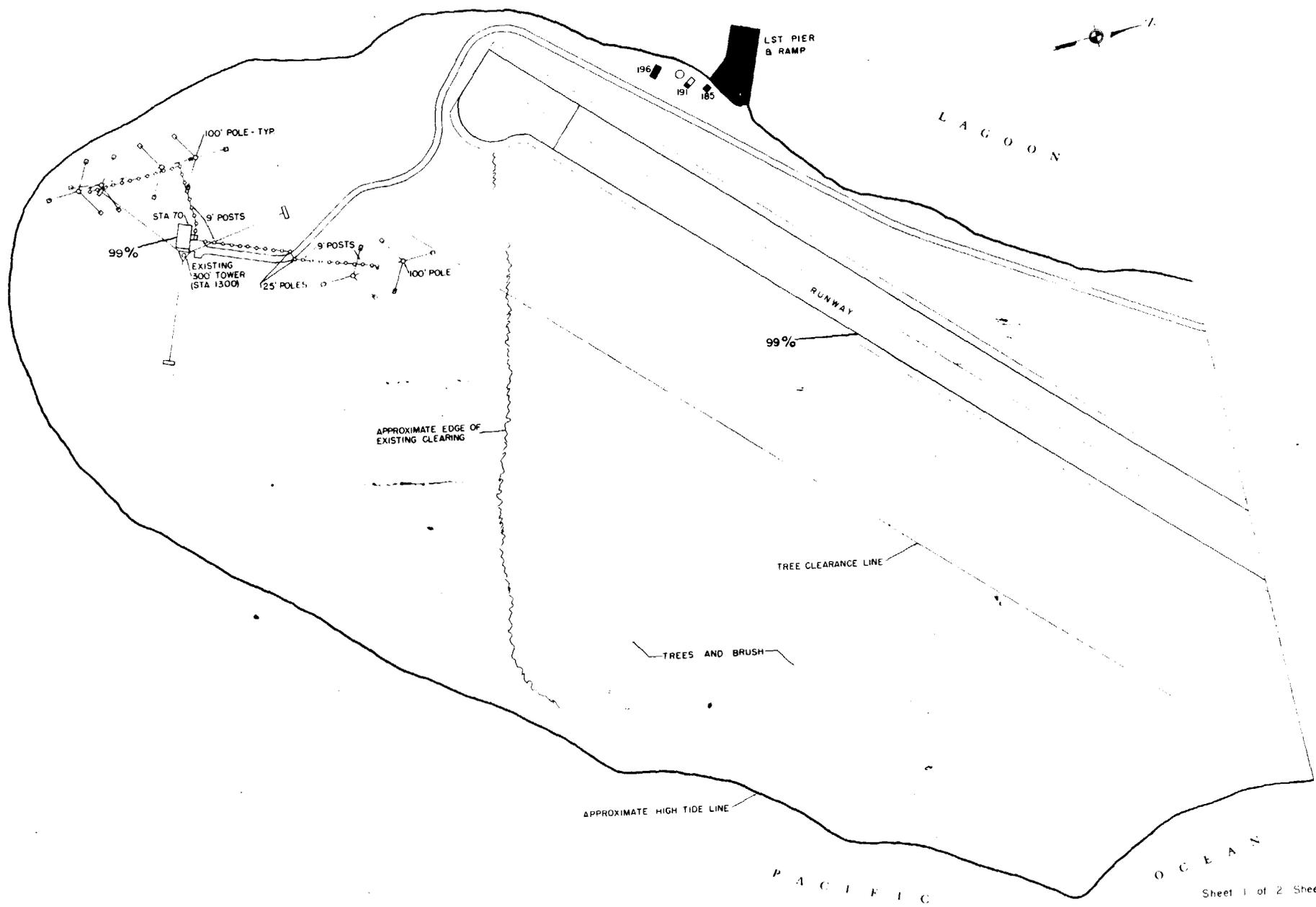
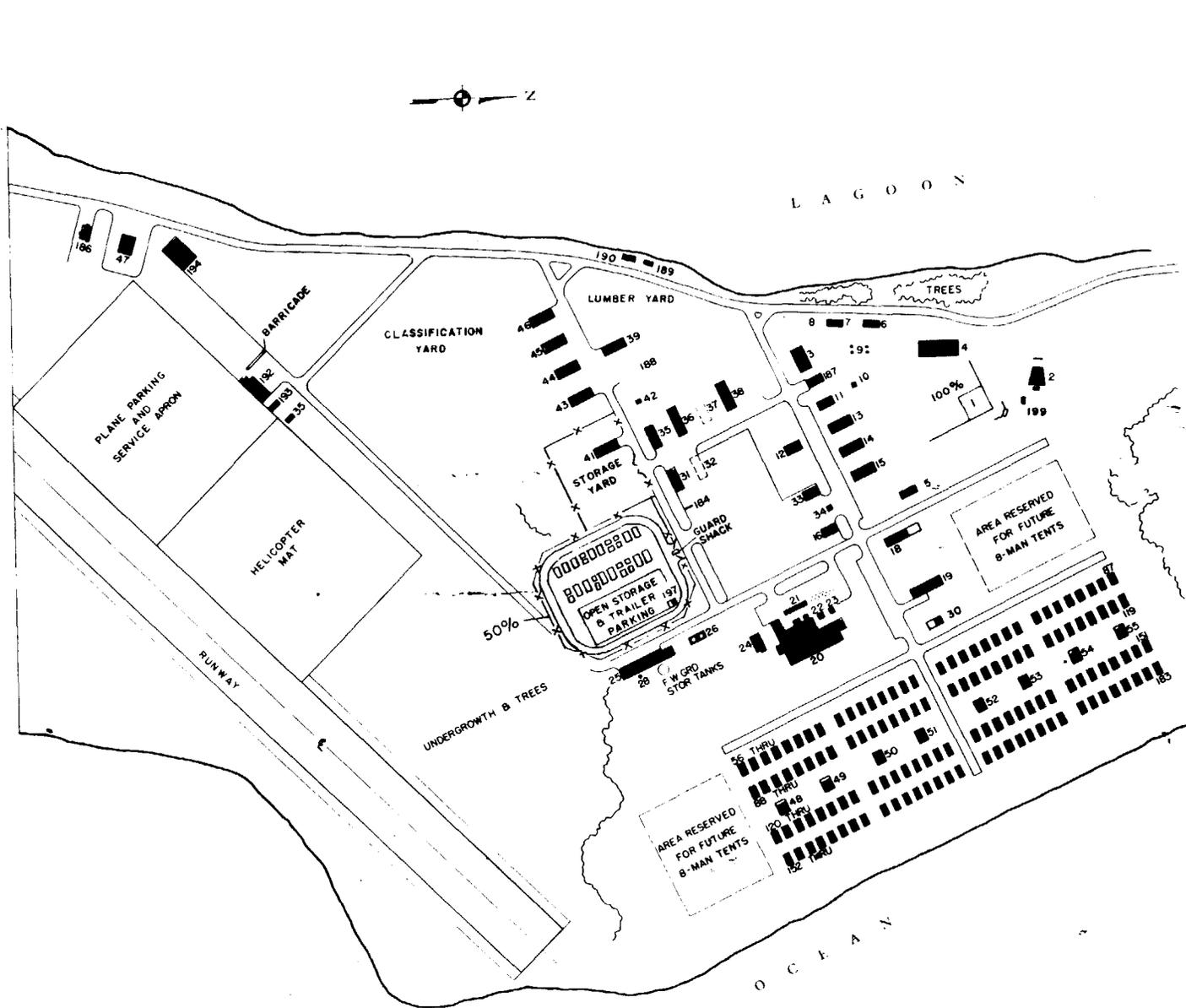


Figure 8A. Site Nan-Bikini Atoll



BLDG NO	DESCRIPTION
1	BASEBALL FIELD
2	MOVIE
3	VOLLEYBALL COURT
4	BASKETBALL COURT
5	CHAPEL
6	RECREATION
7	REFRESHMENT BLDG.
8	STORES BLDG.
9	HORSESHOE PYTS (2)
10	LATRINE
11	GUARD OFFICE
12	TEST LAB & SURVEY
13	CONSTRUCTION OFFICE
14	ADMINISTRATION BLDG.
15	AEC BLDG.
16	TIME & FISCAL OFFICE
17	PX, P.O., BARBER SHOP & PX STORAGE
18	PX STORAGE
19	INFIRMARY
20	MESSHALL
21	REFERS
22	BOILER HOUSE
23	GARBAGE SHED
24	MESSHALL STORAGE
25	LAUNDRY & DISTILLATION PLANT
26	WATER TOWER
27	WELL
28	WELL
29	DAY ROOM & LIBRARY
30	HEAVY EQUIPMENT SHOP
31	HEAVY EQUIPMENT SHOP
32	CAMP OFFICE
34	DISPATCHER'S OFFICE
35	AIR DISPATCHER
36	PLUMBING & SHEET METAL SHOP
37	ELECTRIC & REFRIG SHOP
38	CARPENTER SHOP & SAWMILL
39	CARPENTER SHOP & SAWMILL
40	AEC WAREHOUSE
41	AEC WAREHOUSE
42	LATRINE
43	DRY STORES
44	BULK STORAGE
45	BIN STORAGE
46	CEMENT STORAGE
47	POWER HOUSE NA-500 (EXISTING)
48-55	LATRINES (25-MAN TYP.)
56-183	TENTS (8-MAN TYP.)
184	GREASE RACK
185	MARINE DISPATCHER SHED
186	RADSAFE BLDG.
187	FIRE STATION
188	GENERAL STORAGE BLDG.
189	PAINT STORAGE
190	PAINT SHOP
191	MARINE POL FACILITIES
192	AIR OPERATIONS BLDG.
193	FIRE & CRASH BLDG.
194	HANGAR
195	MARINE REPAIR SHOP
196	MARINE REPAIR SHOP
197	LATRINE
198	PORTABLE PIER STORAGE BLDG.
199	FIELD LATRINE

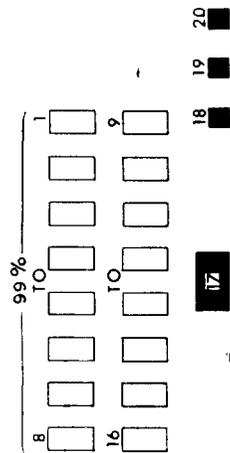
**LEGEND**

[Solid Line]	FIRST INCREMENT - 250 MAN
[Dashed Line]	SECOND INCREMENT - 500 MAN
[Dotted Line]	THIRD INCREMENT - 1000 MAN
[Dashed Box]	POSSIBLE FUTURE BUILDINGS
[Solid Black Box]	PER CENT COMPLETED

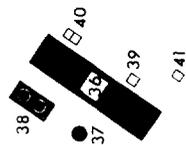
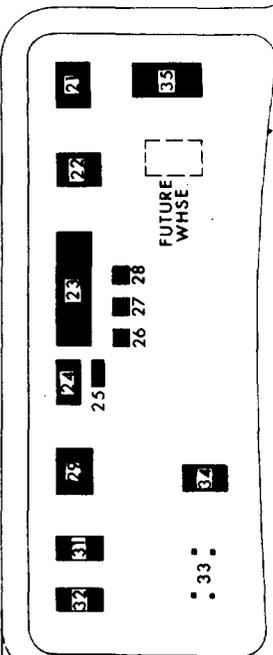
Figure 8B. Nan Campsite - Bikini Atoll



O C E A N

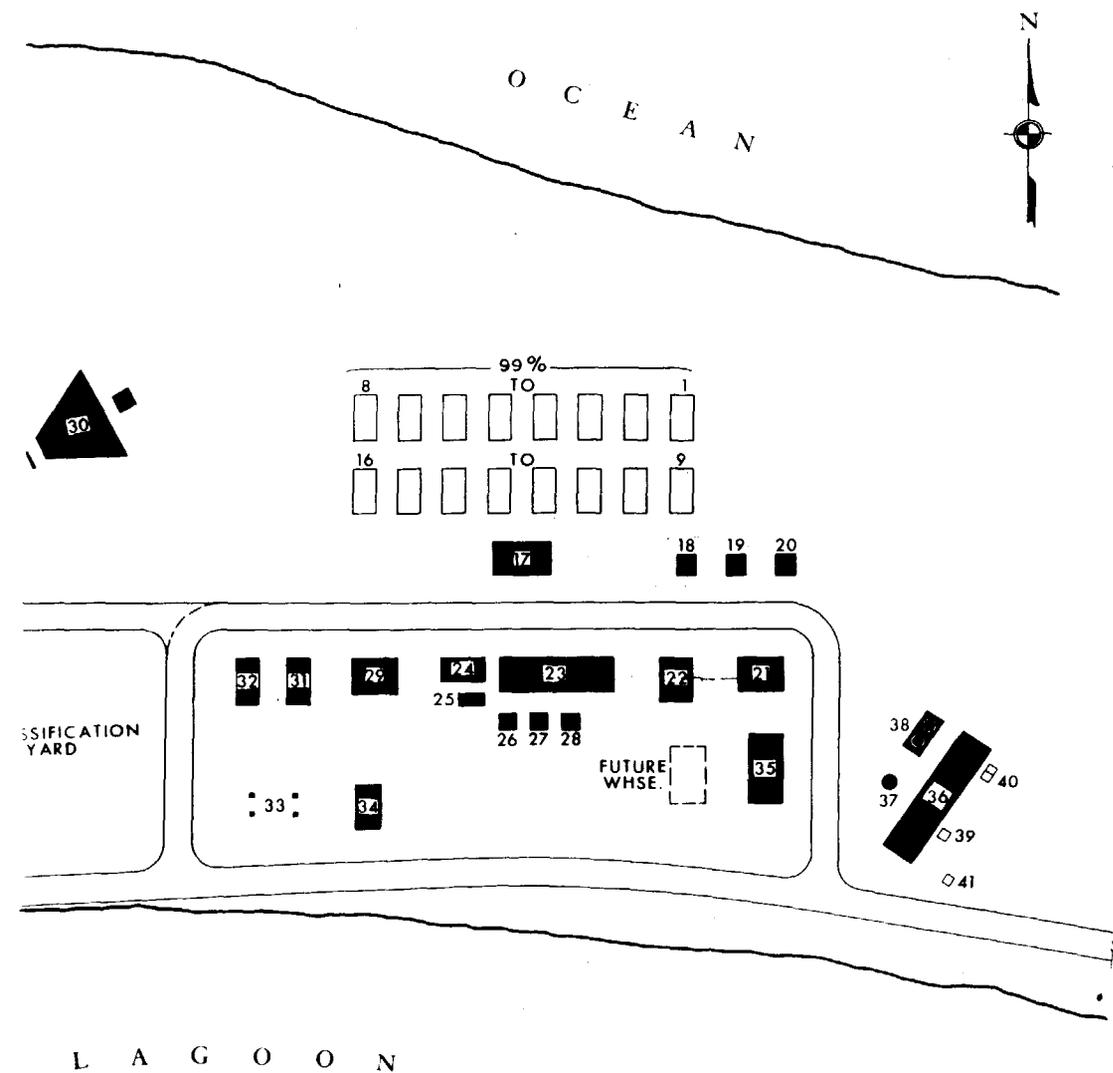


43



L A G O O N

Figure 9. Fox Campsite, Bikini Atoll

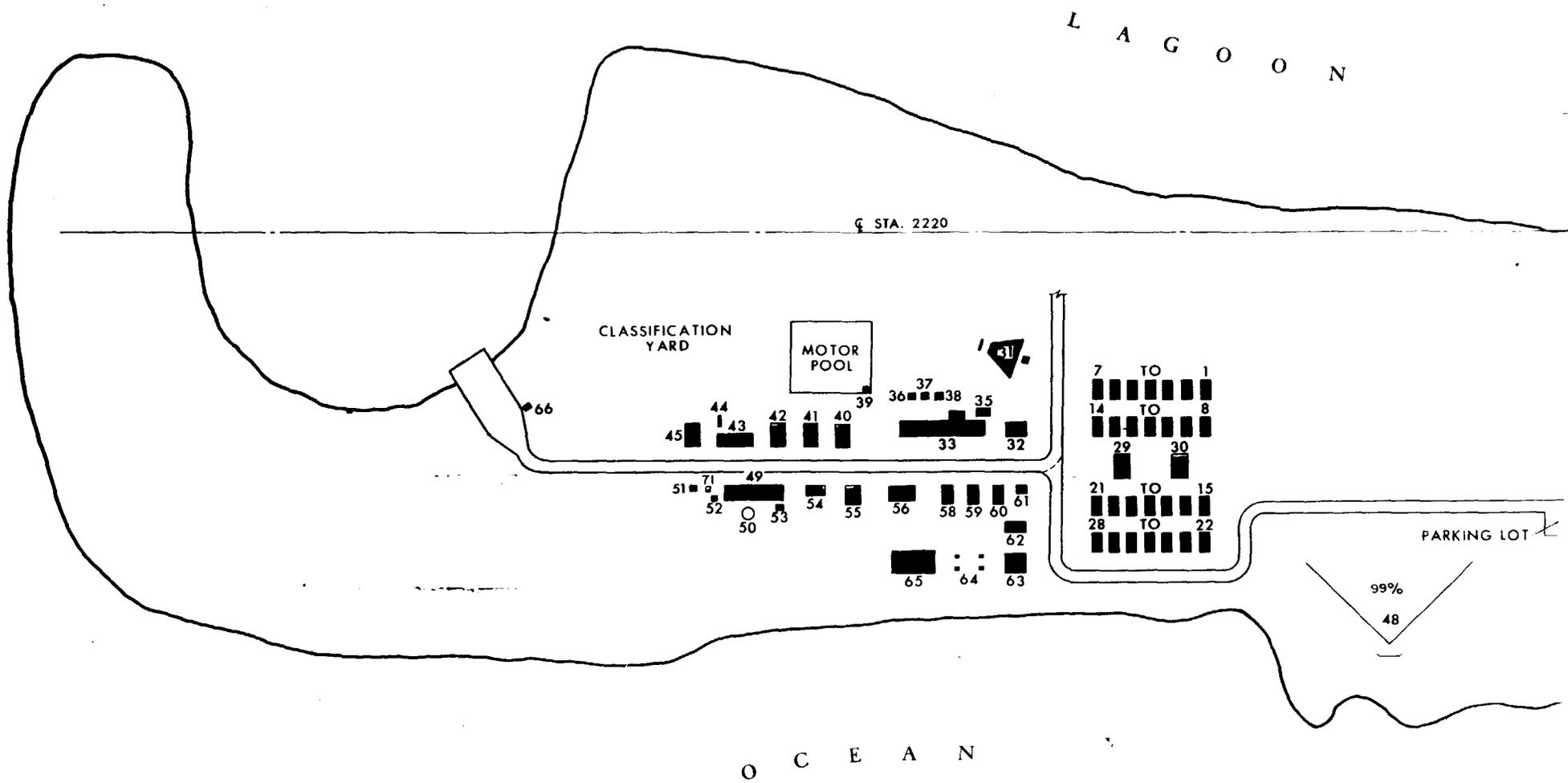


### BUILDING SCHEDULE

BLDG. NO.	DESCRIPTION
1 THRU 16	8 MAN TENT
17	125 MAN LATRINE
18	TIME SHACK
19	CAMP OFFICE
20	GUARD OFFICE
21	ADMIN. & CONST. OFFICE
22	FIRE HOUSE & FIRST AID
23	MESSHALL
24	MESSHALL STORAGE
25	KEEPERS
26	GARBAGE SHED
27	BOILER SHED
28	LAUNDRY
29	P. X., P. O., & BARBER SHOP
30	MOVIE
31	GYM
32	DAY ROOM & LIBRARY
33	HORSE SHOE PITS
34	REFRESHMENT BUILDING
35	ELECT. & PLUMBING SHOP
36	POWER & DISTILLATION PLANT
37	4200 GAL. GRD. STORAGE TANK
38	30" WATER TOWER & TANKS
39	ACID PIT
40	FUEL OIL TANK
41	GASOLINE TANK
42	MARINE DISPATCHER'S SHED (PORTABLE)
43	AIR DISPATCHER'S TENT
44	HELICOPTER LANDING MAT

### LEGEND

 PERCENT COMPLETED



NOTE:  
ENTIRE ISLAND GRADED TO SUIT FIELD  
CONDITIONS AND RAD-SAFE REQUIREMENTS.

LEGEND

■ PERCENTAGE OF COMPLETION

BLDG. NO.	DESCRIPTION
1 THRU 28	8-MAN TENTS
29 - 30	125-MAN LATRINES
31	MOVIE
32	P. O., P. O. & BARBER SHOP
33	MESSHALL
34	
35	REEFERS
36	GARBAGE SHED
37	BOILER HOUSE
38	LAUNDRY
39	MOTOR POOL DISP. SHED
40	ELECTRICAL & REFRIGERATION
41	CARPENTER SHOP
42	PLUMBING & SHEET METAL SHOP
43	VEHICLE REPAIR & HEAVY DUTY
44	GREASE RACK
45	GENERAL BULK WAREHOUSE
46	
47	
48	BASEBALL FIELD

Figure 10. Tare Campsite - Bikini Atoll



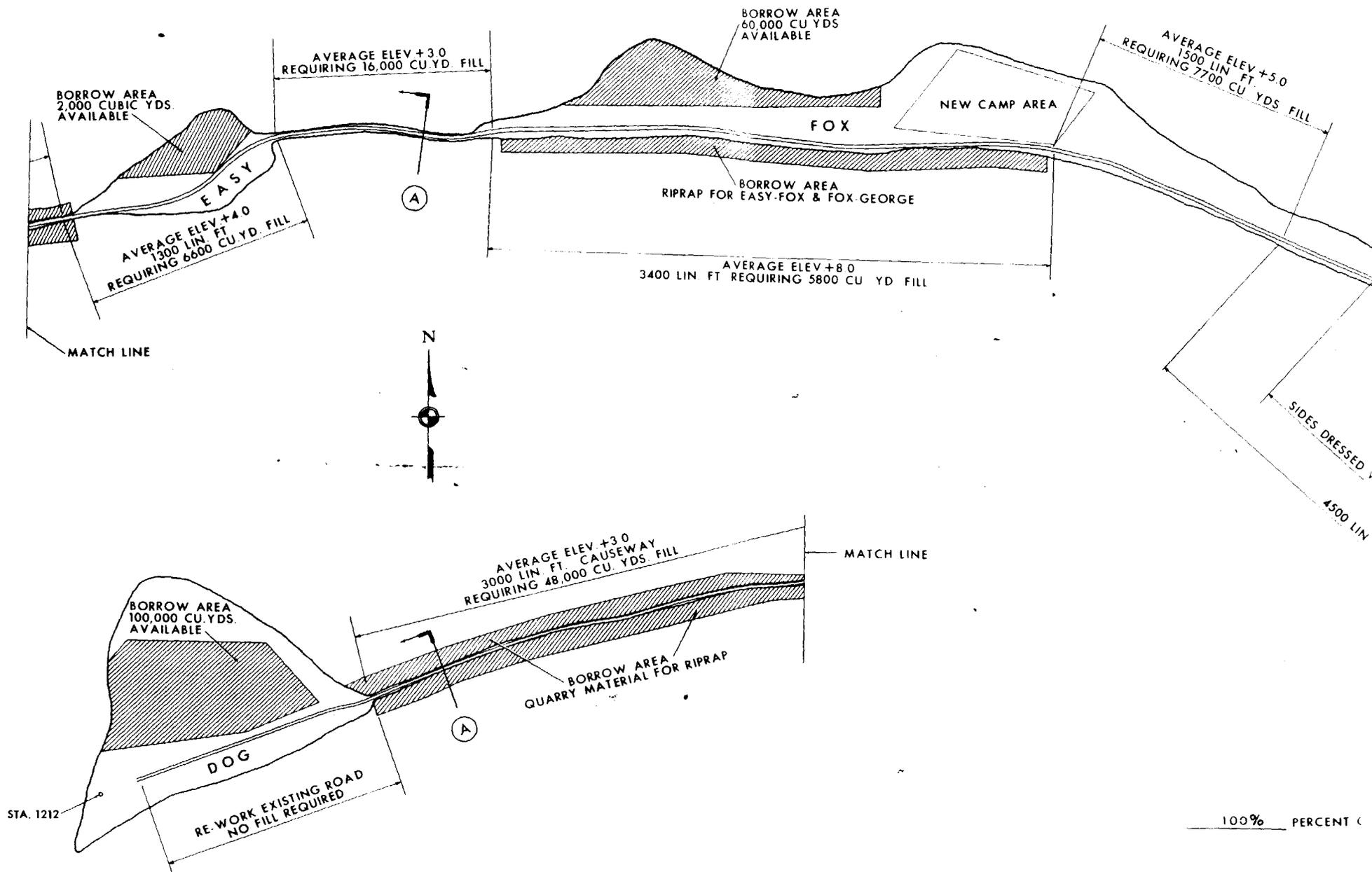
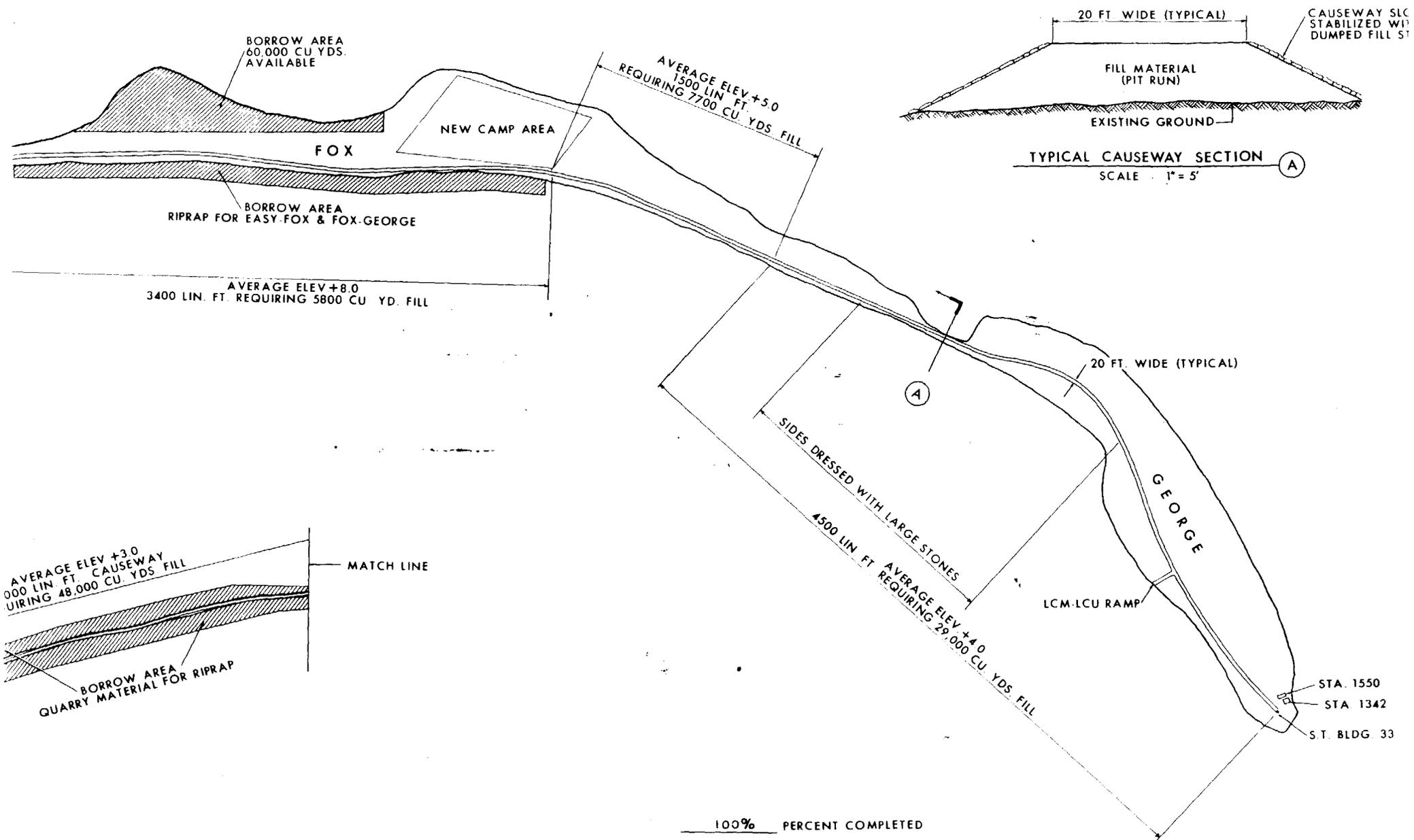


Figure 11. Roads & Causeways - Dog to George



Roads & Causeways - Dog to George

CONSTRUCTION ITEM	1955				1956								REMARKS
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
CHAPEL - ELMER					29.00	63.00	75.00	100.00					
GUARD OFFICE & QUARTERS - ELMER				30.00	75.00	100.00							
LABORATORY FOR 7.1 - ELMER				25.00	75.00	100.00							
ADDITION TO ADMINISTRATION BLDG. - ELMER			30.00	60.00	100.00								
BLDG. 420, CONVERSION TO MARINE REPAIR - ELMER			30.00	25.00	75.00	100.00							
RECEIVING & CLASSIFICATION BLDG. - ELMER						33.00	67.00	100.00					
HOSPITAL ADDITION - ELMER			25.00	75.00	100.00								
LAUNDRY ADDITION - FRED			80.00	25.00	75.00	100.00							
MISCELLANEOUS CONSTRUCTION - FRED/ELMER		2.00	6.31	16.10	25.88	38.10	57.14	76.19	91.35	100.00			
		2.00	6.31										
SUMMARY OF PROJECT 6001		1.00	6.01	18.81	36.41	53.80	69.56	86.23	95.00	100.00			
		1.00	6.08										

 CONSTRUCTION SCHEDULE ESTIMATED PERCENT
  CONSTRUCTION IN PLACE PERCENT COMPLETED

Figure 12. Construction Progress of Project 6001 - (Plant and Equipment Funds FY-1956)

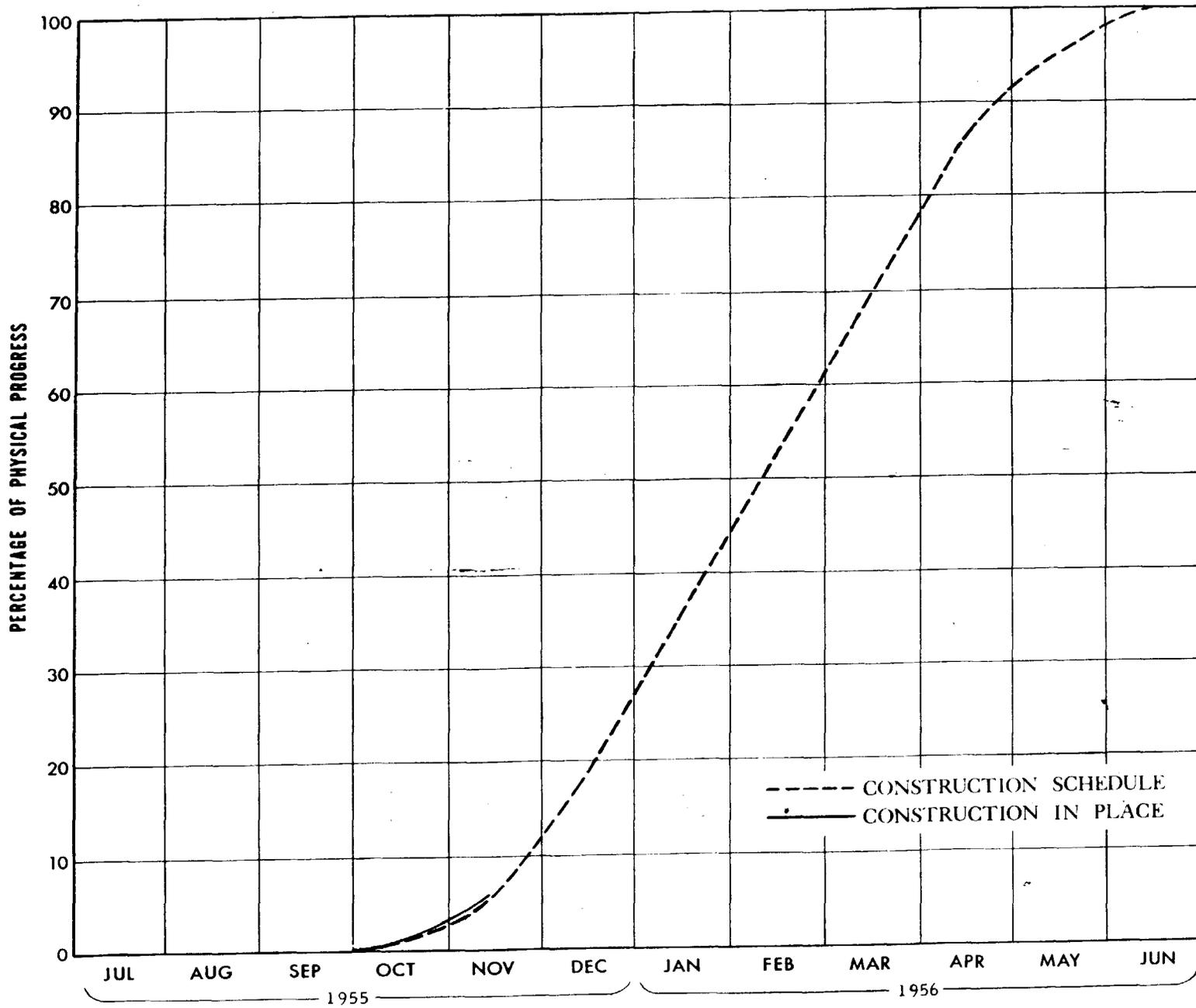


Figure 13. Total Budgeted Construction Program - Plant & Equipment Funds for F. Y. 1956 - Project 6001





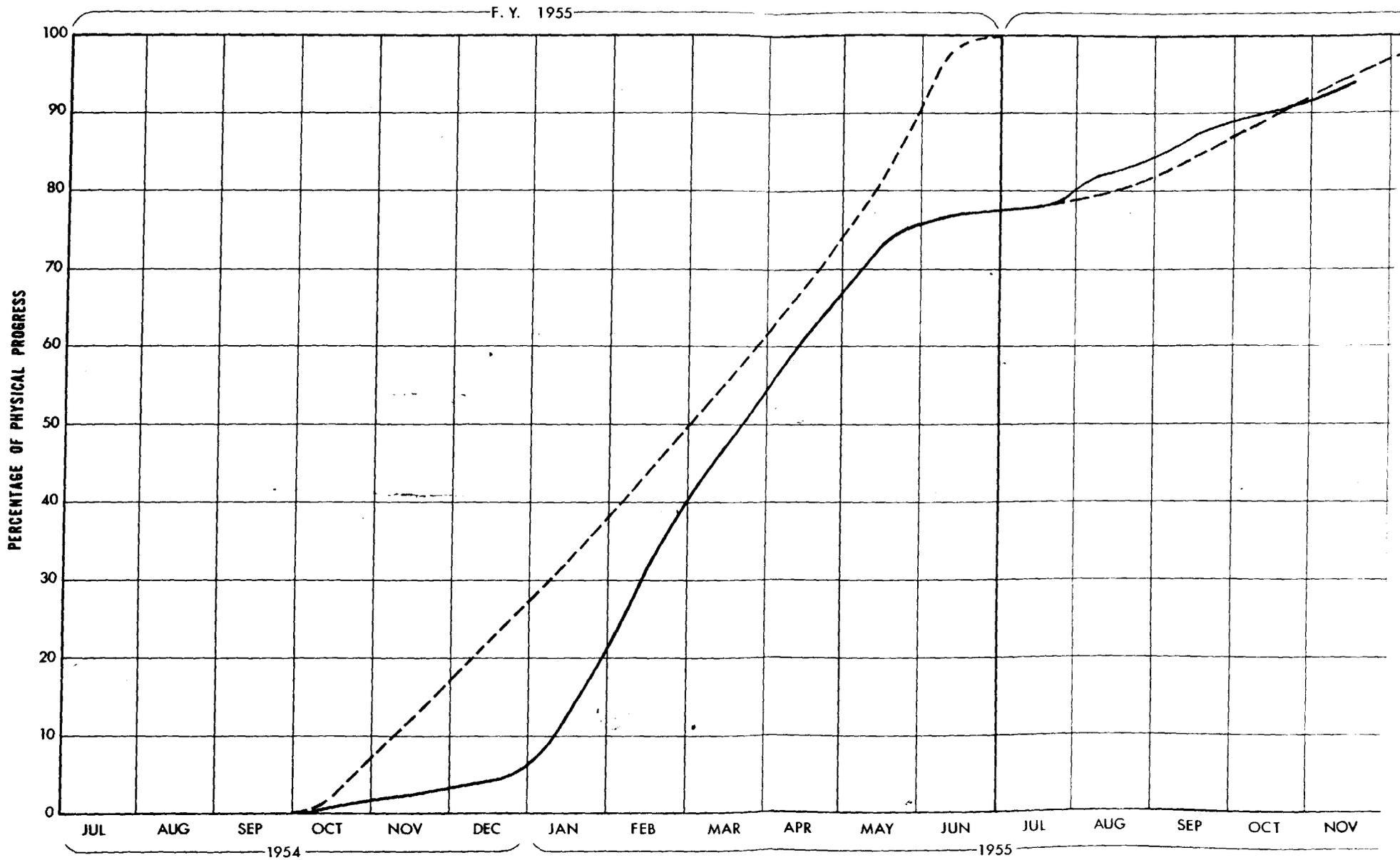
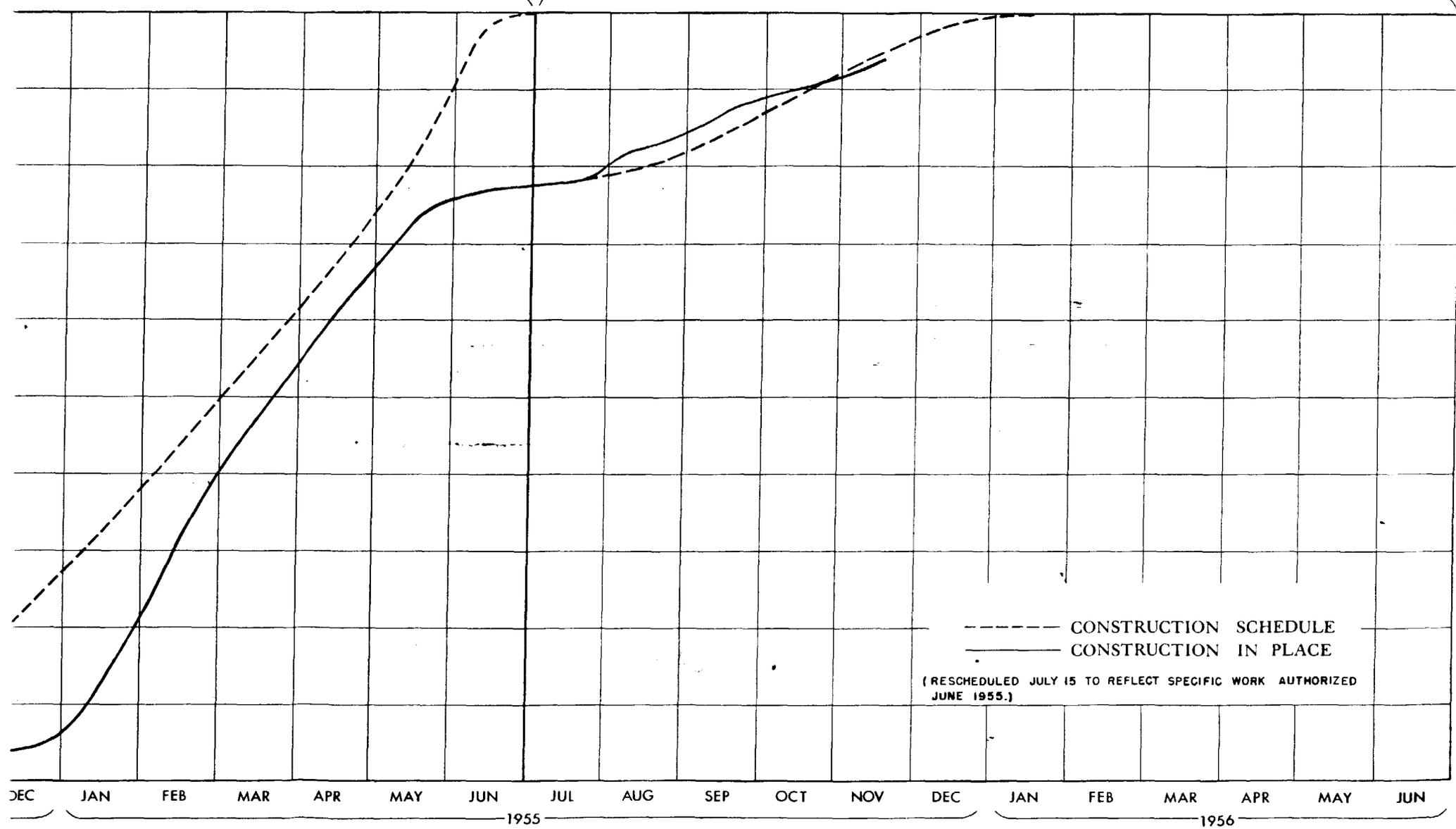


Figure 15. Total Budgeted Construction Program-Plant & Equipment Funds - F.Y. 1955 Project 5026

F. Y. 1955

F. Y. 1956



CONSTRUCTION ITEM	1954												1955												CONSTRUCTION ESTIMATE
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB					
DECONTAMINATION - NAN				4.09	16.39	32.78	49.18	65.57	81.97	95.08	100.00											75.00	CONSTRU		
TEMPORARY CAMP - NAN				2.89	16.39	32.78	49.18	66.00	82.00	95.00	100.00											99.20	CONSTRU		
LST CHANNEL & PIER - NAN																						75.00	PERCENT		
LCM RAMP - NAN																									
AIRSTRIP - NAN																									
AIRPORT FACILITIES - NAN																									
POL FACILITIES - NAN																									
INCREASE CAMP - NAN (500 TO 1000 MAN)																									
TEMPORARY CAMP - FOX (125 MAN)																									
TEMPORARY CAMP - GENE (200 MAN)																									
TEMPORARY CAMP - TARE (200 MAN)																									
TEMPORARY CAMP - URSULA (200 MAN)																									
TEMPORARY CAMP - YVONNE (200 MAN)																									
CAUSEWAYS - (3)																									
SCIENTIFIC STATIONS - ALL SITES																									
SUBMARINE CABLE																									
COAXIAL CABLE																									
INCIDENTAL CONSTRUCTION - ALL SITES																									
TEMPORARY SUPPORT FACILITIES ELMER/FRED																									
INTERATOLL COMMUNICATION FACILITIES																									
MISCELLANEOUS CONSTRUCTION ALL SITES				1.38	4.35	7.54	10.72	13.48	15.36	16.81	19.20	23.98	28.00	35.00	45.00	47.00	49.00	50.00	52.00	60.00					
SUPPORT SERVICES - ALL SITES (FOR SCIENTIFIC PERSONNEL)				1.38	4.35	7.54	10.72	13.00	15.00	17.00	19.00	24.00	28.00	35.00	45.00	47.00	49.00	7.00	13.00	19.00	27.00	44.00			
TOTAL EXPEND. CONST. FY 1955 & FY 1956				0.34	1.28	2.85	5.04	7.53	10.14	12.76	15.38	18.03	15.00	19.00	21.00	29.00	43.00	53.00	63.00	71.00					
				0.31	1.31	2.28	4.49	9.00	12.00	14.00	16.00	18.00	15.00	19.00	22.00	29.00	34.00								

Figure 16. Construction Progress, Expendable Test Facilities, F. Y. - 1955 and F. Y. - 1956



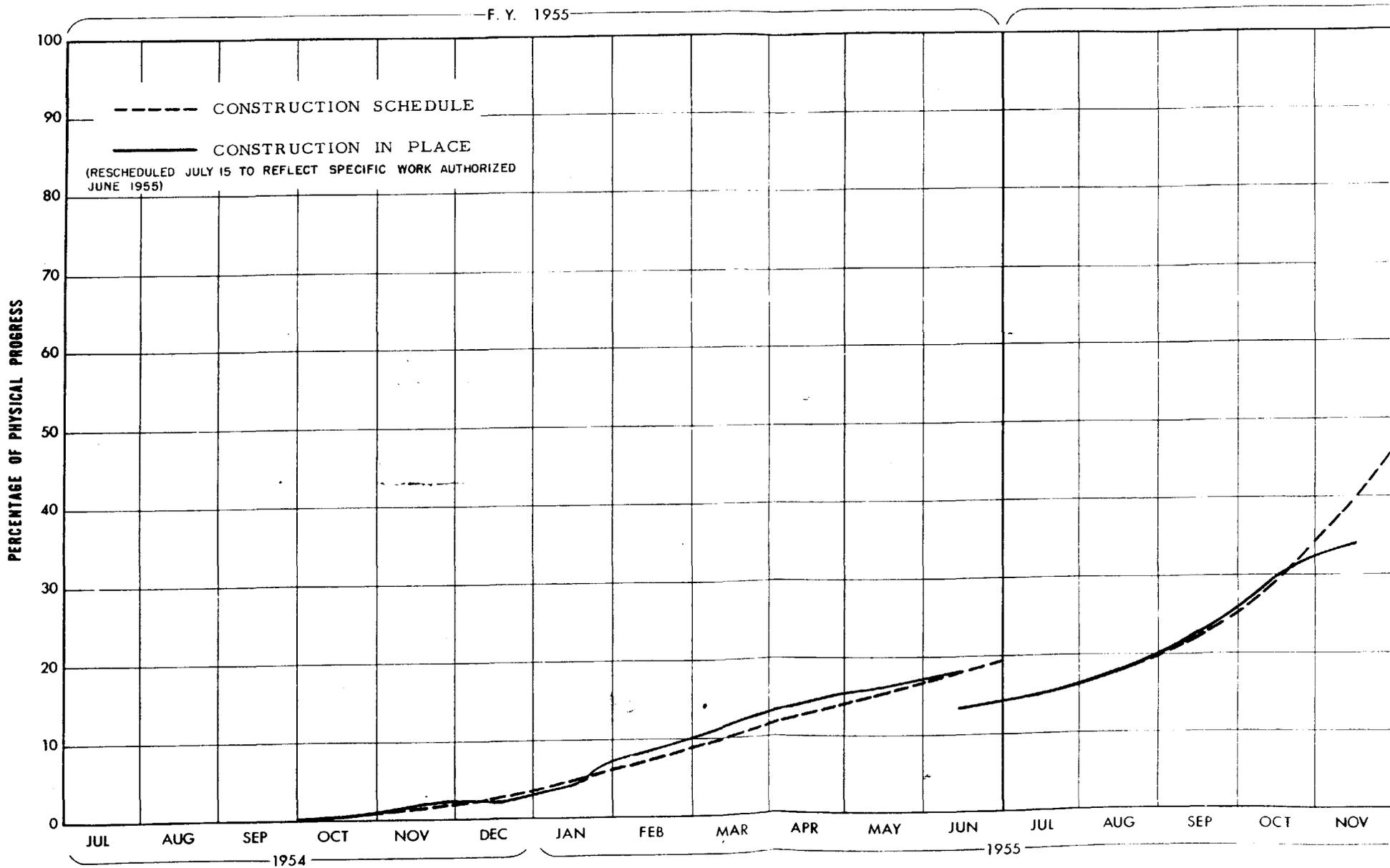
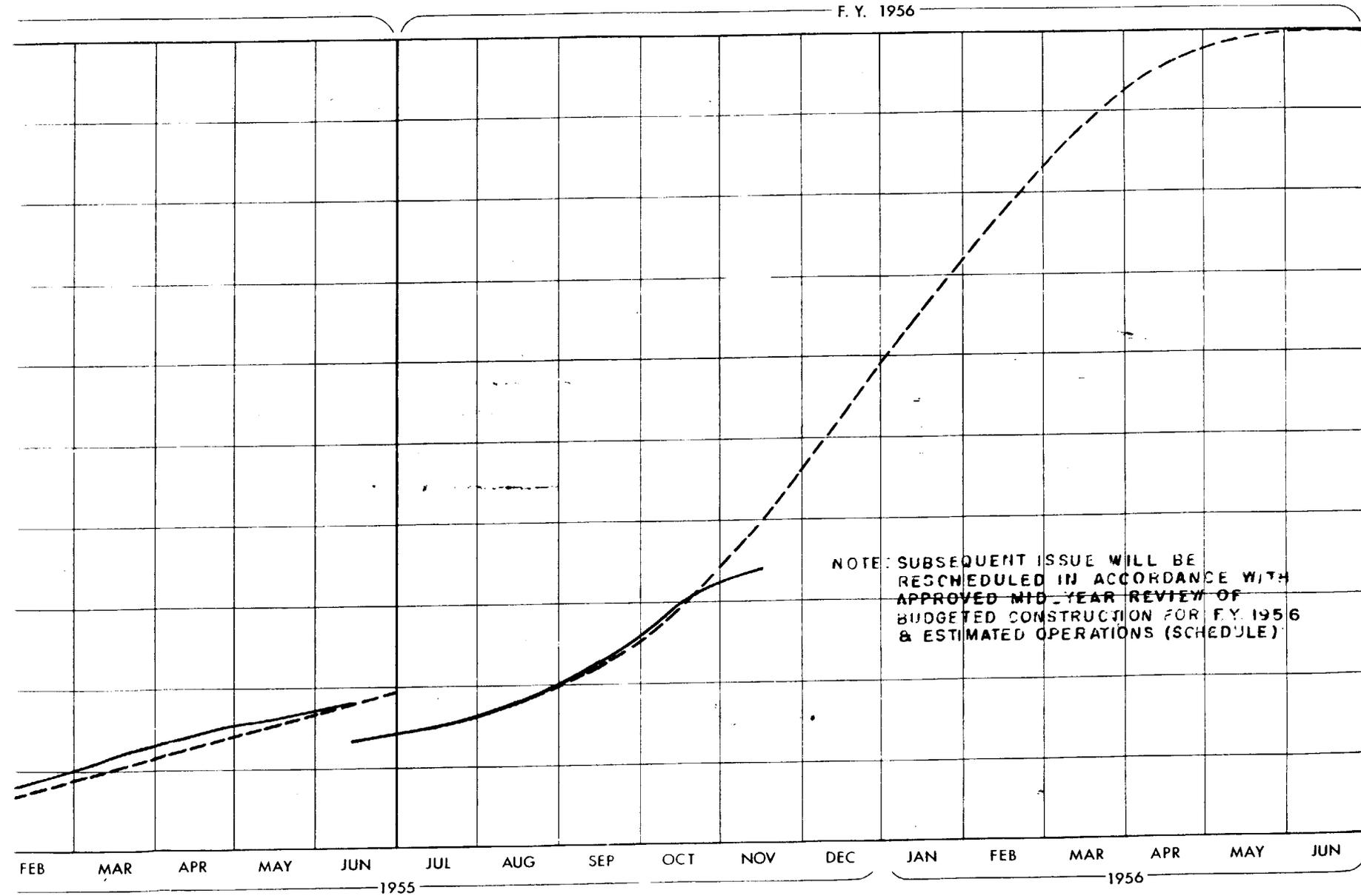


Figure 17. Total Budgeted Construction Program - Expendable Test Facilities, FY-1955 and FY-1956 Funds

F. Y. 1956



NOTE: SUBSEQUENT ISSUE WILL BE RESCHEDULED IN ACCORDANCE WITH APPROVED MID-YEAR REVIEW OF BUDGETED CONSTRUCTION FOR F.Y. 1956 & ESTIMATED OPERATIONS (SCHEDULE)

1955

1956

CONSTRUCTION ITEM	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
CABINET SHOP & CONSTRUCTION MAINT. OFFICE - BLDG. 427 - ELMER					25.00	45.00	71.00	100.00									
PAINT SHOP - BLDG. 424 - ELMER					35.00	75.00	100.00										
PAINT STORAGE - BLDG. 425 - ELMER					35.00	75.00	100.00										
POL FACILITIES IMPROVEMENT - ELMER						14.00	42.00	70.00	90.00	100.00							
EXTENSION SALT WATER LINES (FIRE PROTECTION) - ELMER						5.00	15.00	22.00	35.00	53.00	87.00	100.00					
FIRE PROTECTION (FOAMITE) - ELMER						5.00	15.00	22.00	35.00	53.00	87.00	100.00					
OPERATIONS & ADMINISTRATION BLDG. 679 - FRED				6.00	40.00	70.00	90.00	100.00									
CHAPEL - BLDG. 678 - FRED				6.00	13.50	80.00	100.00										
CONSOLIDATED FIELD MAINTENANCE SHOP - BLDG. 682 - FRED				1.00	35.00	80.00	100.00										
CONSOLIDATED FIELD MAINTENANCE SHOPS - BLDGS. 683 & 684 - FRED				1.00	1.00				25.00	75.00	100.00						
ELECTRONICS & COMMUNICATIONS BLDG. 681 - FRED						15.00	55.00	85.00	100.00								
ORDNANCE WAREHOUSE - BLDG. 642 - FRED						20.00	60.00	100.00									
QM EXPENDABLE WAREHOUSE - BLDG. 643 - FRED						9.00	27.00	45.00	63.00	81.00	100.00						
QM SALES WAREHOUSE - BLDG. 644 - FRED						15.00	45.00	63.00	81.00	100.00							
QM NON-EXPENDABLE WAREHOUSE - BLDG. 641 FRED				17.00	60.00	85.00	100.00										
AIR FORCE SUPPLY WAREHOUSE - BLDG. 648 FRED				17.00	57.00	85.00	100.00										
AIR FORCE SUPPLY WAREHOUSE - BLDG. 649 FRED				36.00	60.00	85.00	100.00										
AIR FORCE SUPPLY WAREHOUSE - BLDG. 650 FRED				36.00	88.00				30.00	80.00	100.00						
						40.00	80.00	100.00									
FOR SUMMARY SEE FOLLOWING CHART																	

75.00

CONSTRUCTION SCHEDULE  
ESTIMATED PERCENT

75.00

CONSTRUCTION IN PLACE  
PERCENT COMPLETED

Figure 18A. Construction Progress of Project 6011 - (Plant and Equipment Funds FY - 1956)







F. Y. 1955

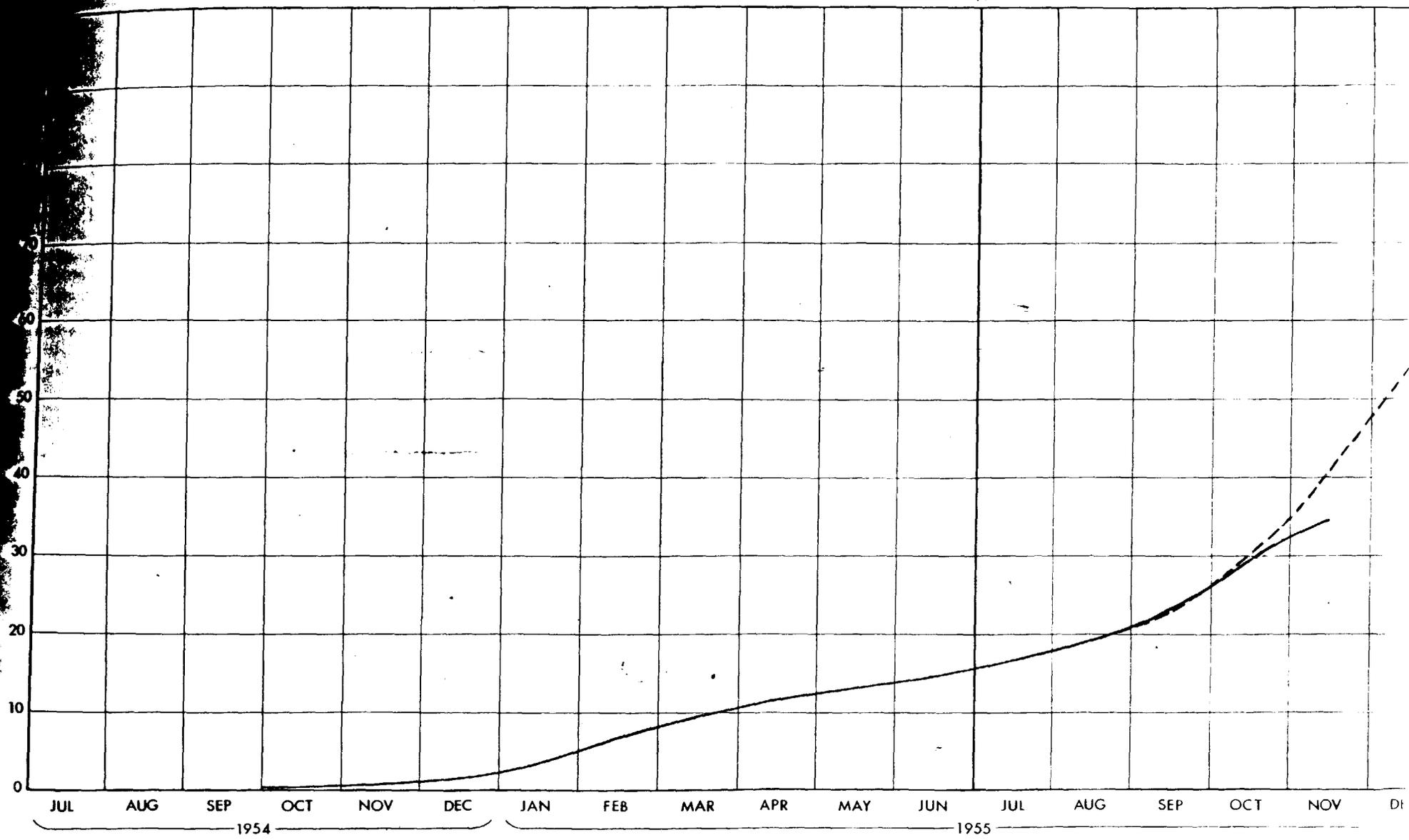
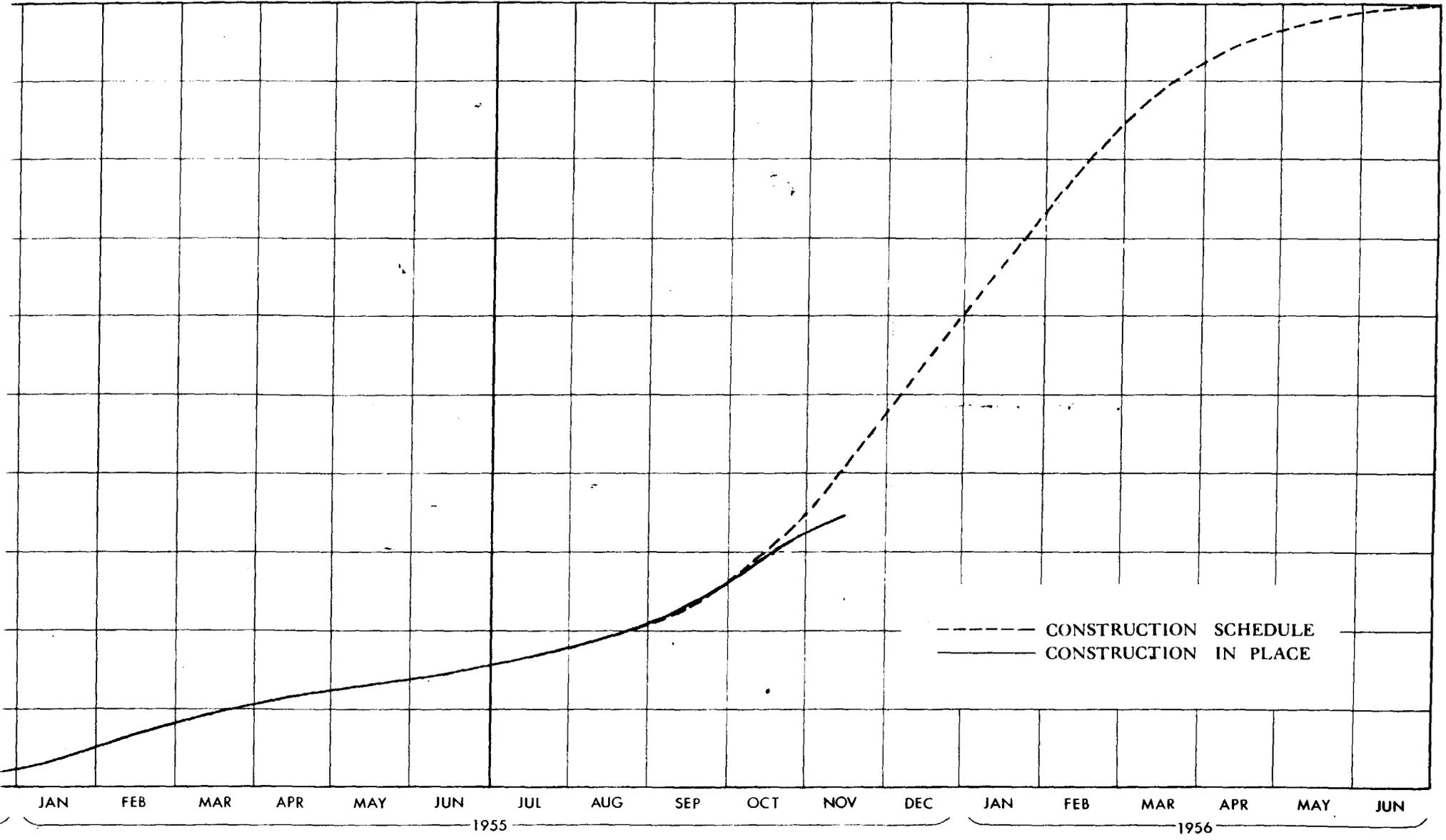


Figure 20. Construction Progress - Composite Curve Job I - F. Y. 1955 and F. Y. 1956

1955

F. Y. 1956



--- CONSTRUCTION SCHEDULE  
— CONSTRUCTION IN PLACE

Composite Curve Job I - F. Y. 1955 and F. Y. 1956