

MARINE BARRACKS
CAMP LEJEUNE, NORTH CAROLINA
NAVAL DISTRICT FIVE
1 October 1946

PLACE AND ACTIVITY:
Camp Lejeune, U. S. Marine Base and related activities: U. S.
Naval Hospital, U. S. Coast Guard Detachment, Field Medical
Research Laboratory, Dog Detachment, and Marine Training Command.

DATE ESTABLISHED:
1 May 1941 or date of commissioning.

LOCATION:
Latitude 34°40'00". Longitude 77°21'00".

OFFICER IN CHARGE:
The Commanding General.

POST OFFICE:
Camp Lejeune, North Carolina.

TELEGRAPH OFFICE:
(a) Hadnot Point: One circuit to Western Union Telegraph Co.
Fourteen hour service. Installed by Western Union.

(b) Hadnot Point, Communication Office: One circuit, Navy tele-
type Service (NTX) leased by U. S. Marine Corps from Carolina
Telephone and Telegraph Co.

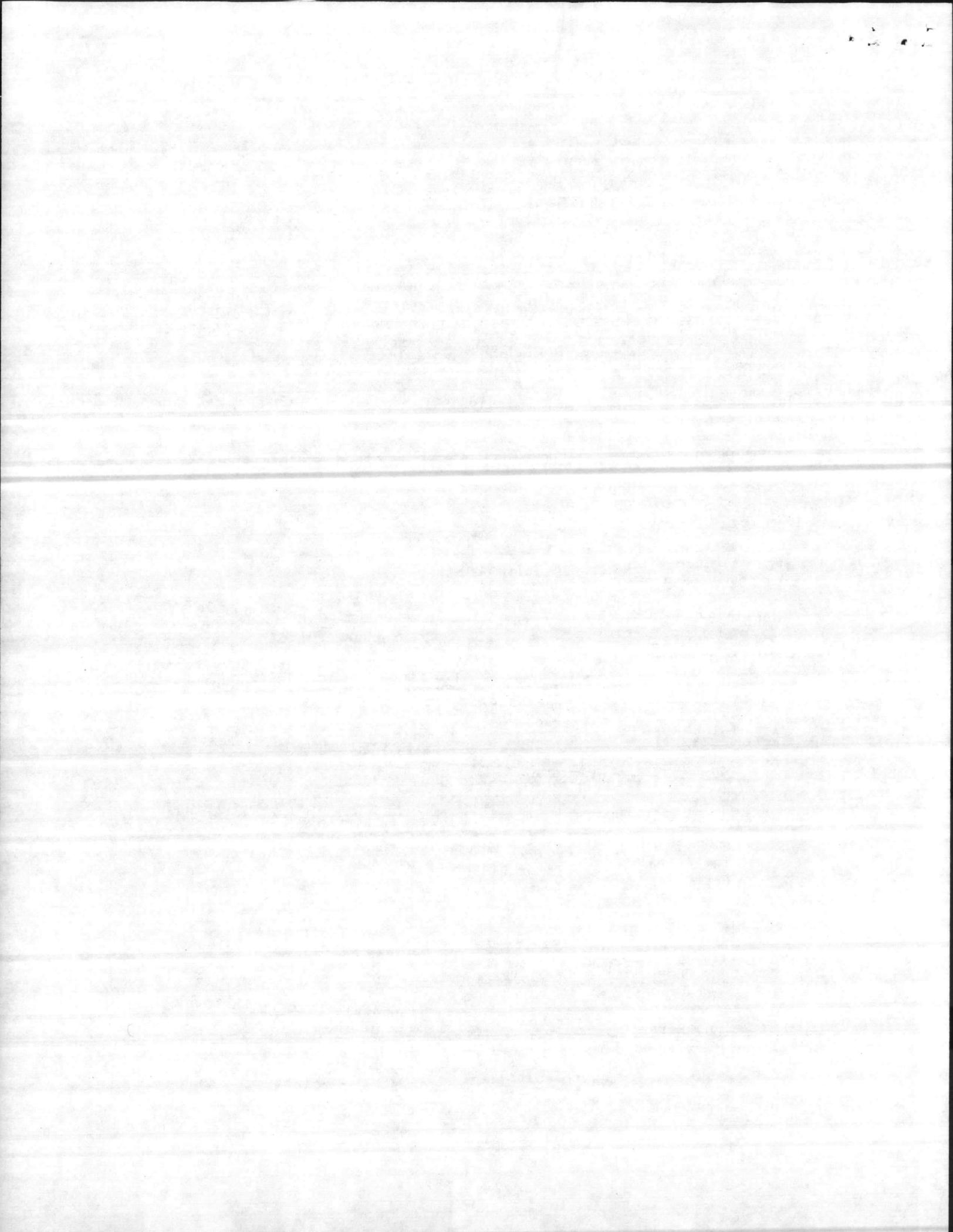
(c) Hadnot Point, American Red Cross: One circuit to Western
Union Telegraph Co. Twenty-four hour service.

RADIO OFFICE:
Internal security: Two main stations; eighteen vehicular
installations of Provost Marshall, Fire Marshall, and Forestry
Patrol. No aircraft or emergency systems other than those
stated.

TELEPHONE SERVICE:
(a) Hadnot Point: Twelve-hundred line dial office with 3
position toll board. Trunk connections to Carolina Telephone
and Telegraph Co. and Jacksonville, N. C.

(b) Paradise Point: Six-hundred line dial office with trunk
service to Hadnot Point, (Unattended office).

(c) U. S. Naval Hospital: Two-hundred-forty line, 2-position
manual board with trunk service to Hadnot Point.



TELEPHONE SERVICE (Continued)

(d) Tent Camp: A two-hundred line attended automatic exchange with a one-position attendant cabinet. Two-way trunks connect with the Carolina Telephone and Telegraph Co. At Jacksonville, N. C.

(e) Montford Point Camps: Two-hundred-forty line, 2-position manual board with trunk service to Carolina Telephone and Telegraph Co. at Jacksonville, N. C., and with Hadnot Point via Paradise Point.

(f) Coast Guard, Courthouse Bay: Eighty-line, one-position manual board with trunk service to Hadnot Point.

(g) Rifle Range: Eighty-line, one-position manual board with trunk service to Hadnot Point.

RAILROAD CONNECTIONS:

Interchange connection at Mile Post 51 on Wilmington to New Bern Branch of the Atlantic Coast Line Railroad, $8\frac{1}{2}$ miles from yard in Supply and Industrial Area.

STEAMSHIP CONNECTIONS:

Coastwise only from Morehead City, N. C., and Wilmington, N. C.

AIRPORT CONNECTIONS:

Commercial airlines at Raleigh, N. C. U. S. Marine Corps Flights from Cherry Point, N. C. Unscheduled service flights from Peterfield Point, Camp Lejeune, N. C.

PASSENGER, BAGGAGE, EXPRESS, AND FREIGHT SERVICE:

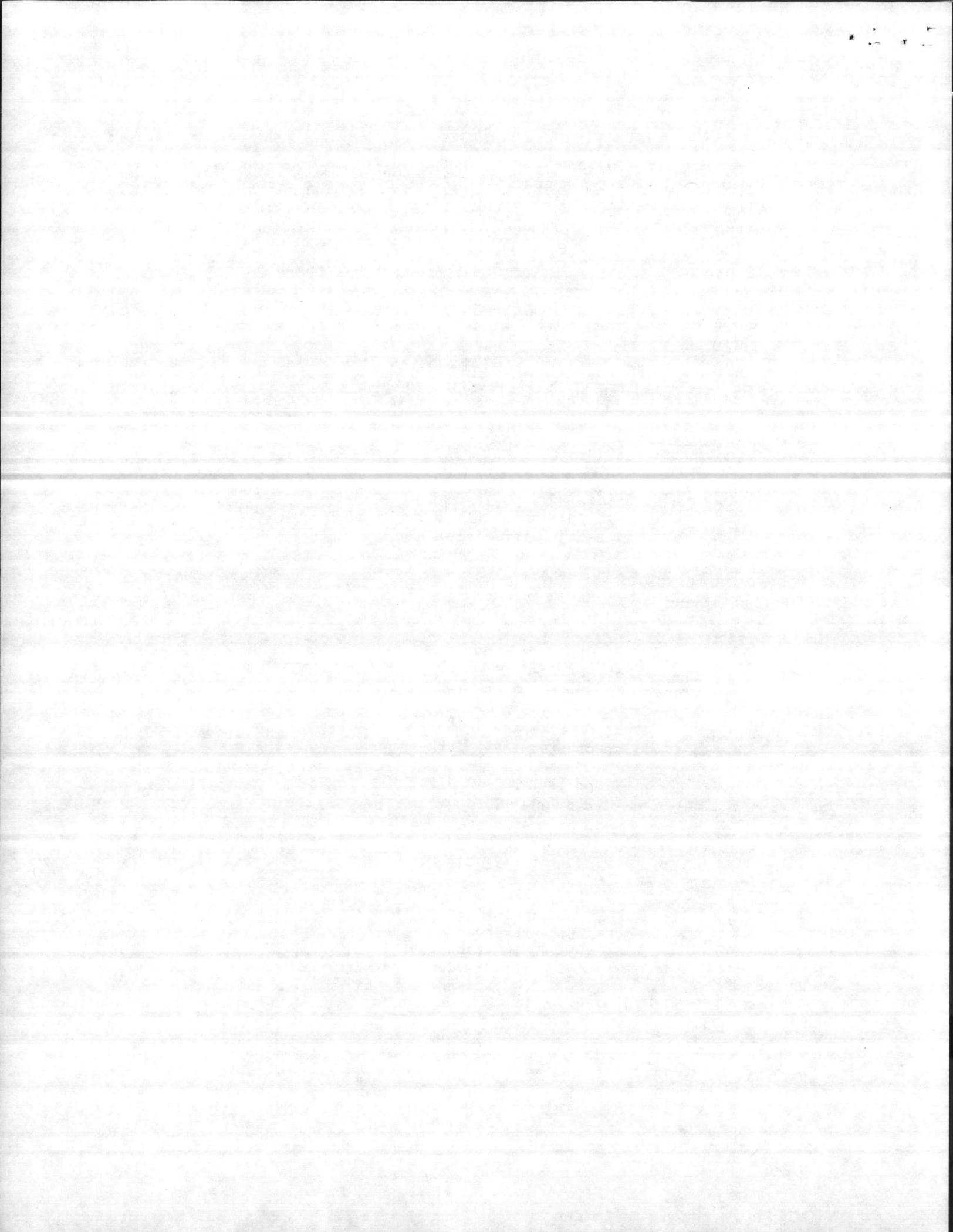
Freight service provided for Depot Quartermaster activities and Contractors working on the base.

Only passenger and baggage service consists of troop train movements handled by Atlantic Coast Line motive power and train crews.

No express service provided.

ELECTRICAL CURRENT:

Powerhouse, two 1625 kva. 6600v., one 2700 kva., 2400v., 2-phase, 60-cycle, diesel alternator; one 110 kv. interconnection with Tidewater Power Co. at Jacksonville, N. C. 10,000 KW; one 110 kv, interconnection with Electric Plant at U. S. Marine Corps Air Station, Cherry Point, N. C. 10,000 KW.



GAS SUPPLY:

Liquid propane is delivered to the processing plant in the Industrial Area in carload lots and stored in three 20,000 gallon storage tanks. Upon undergoing the vaporization process, a twelve-mile distribution system carries the gas to Mess Halls, Bachelor Officers Quarters, Naval Hospital, Dependent's Ward, Dispensary, and Regimental Infirmaries for cooking and laboratory purposes. It is also piped to the Central Heating Plant, Industrial Area, for boiler ignition. Propane gas is also supplied by flasks or small underground storage tanks to buildings in the outlying areas, and to those points which require small amounts or are not within an economical range of the distribution mains.

FRESH WATER SUPPLY:

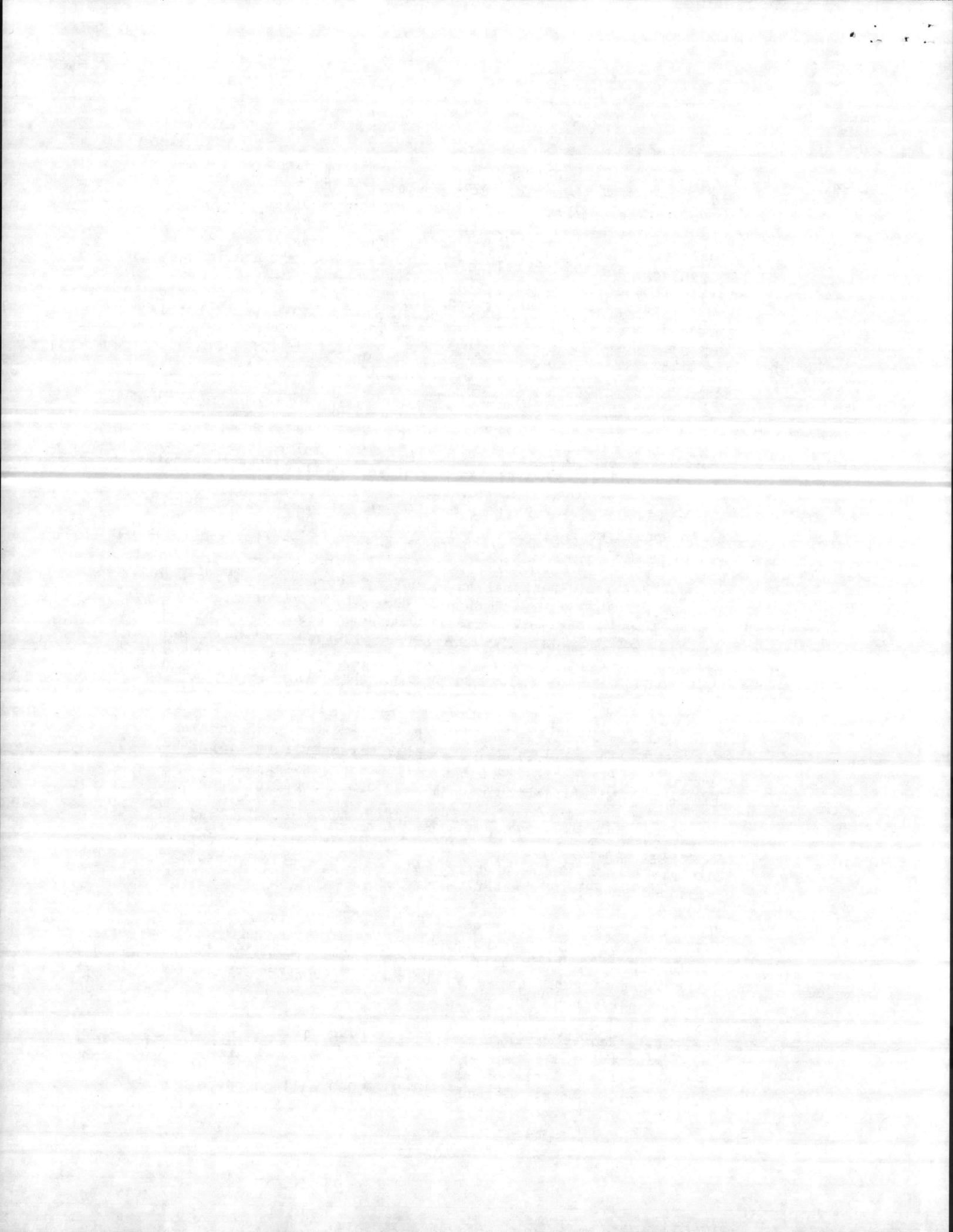
(a) Hadnot Point: Water supplied from 21 wells with an average capacity of approximately 170 g.p.m. each pumping into 18-inch transite collection mains, which deliver water to the Main Water Treatment Plant, Building No. 20. Storage: One 800,000-gallon clear well storage tank, one 560,000-gallon clear water storage basin and three 300,000-gallon capacity elevated water storage tanks. Demand: 92,000,000 gallons per month or 110 gallons per capita per day. U. S. Naval Hospital supplied from Hadnot Point through one 12-inch cast-iron main. No storage facilities. One 100 g.p.m. emergency well pumping directly into distribution system when necessary. Officers Quarters (Paradise Point) are supplied from Hadnot Point through one 12-inch cast-iron main. Storage: One 200,000-gallon capacity elevated water storage tank. One 250 g.p.m. emergency well pumping directly into distribution system when necessary.

(b) Midway Park: Water supplied from two wells with an average capacity of 250 g.p.m. each, pumping directly into distribution system. Storage: One 200,000-gallon capacity elevated water storage tank. Estimated demand: 12,000,000 gallons per month.

(c) Montford Point: Water supplied from six wells with an average capacity of 170 g.p.m. each, pumping directly into distribution system. Storage: One 150,000-gallon capacity elevated water storage tank.

(d) Tent Camp: Water supplied from eleven wells with an average capacity of 110 g.p.m. each, pumping into transite collection main which flows into two underground storage tanks, with a capacity of 285,000 gallons each. Demand: 30,000,000 gallons per month.

(e) Rifle Range: Water supplied from four wells with an average capacity of 175 g.p.m. each, pumping directly into distribution system. Storage: One 100,000-gallon capacity elevated water storage tank. Demand: 10,500,000 gallons per month.



FRESH WATER SUPPLY: (Continued)

(f) Courthouse Bay: Water supplied from two wells with an average capacity of 200 g.p.m. each, pumping directly into distribution system. Storage: One 100,000 gallon capacity elevated water storage tank. Demand: 6,900,000 gallons per month.

(g) Onslow Beach: Water supplied from two wells with an average capacity of 150 g.p.m. each, pumping directly into distribution system. Storage: One 100,000-gallon capacity elevated water storage tank. Demand: 5,000,000 gallons per month.

FUEL SUPPLY:

Aviation gasoline, 125,000 gallons; Regular gasoline, 155,000 gallons; Motor fuel "V", 30,000 gallons; Kerosene, 41,000 gallons; No. 2 Fuel Oil, 600,000 gallons; No. 3 Fuel Oil, 301,320 gallons; No. 6 Fuel Oil 420,000 gallons.
Coal: 44,525 tons. Stored in bunkers, walled bins, or open paved, storage areas.

COMPRESSED-AIR SUPPLY:

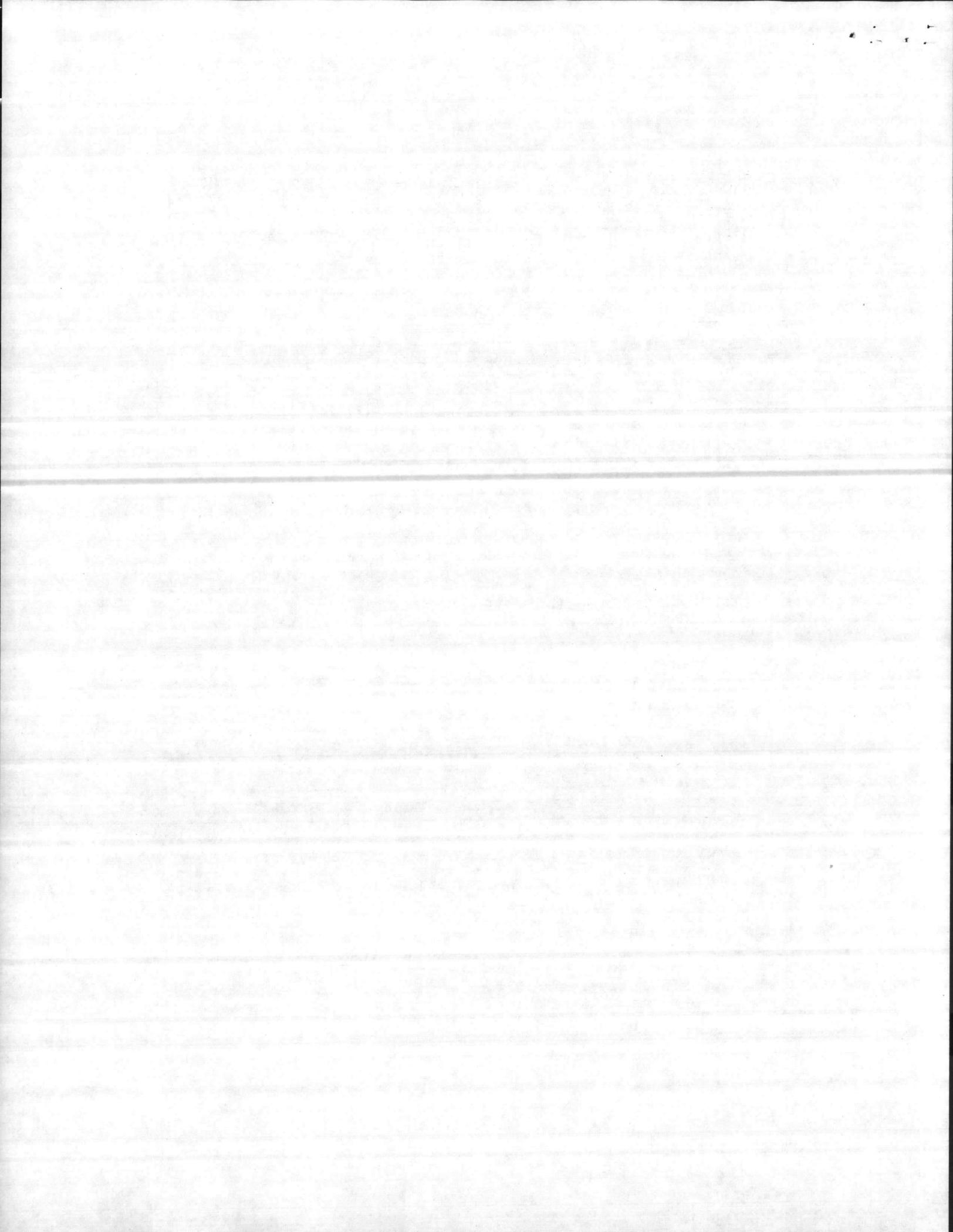
Less than 200 cubic feet of free air per minute. Camp Engineer Building No. 1202, 100-pound pressure, Post Garage Building No. 1502, 100-pound pressure, Division Garage Building No. 1601 100-pound pressure.

HEATING SYSTEM:

(a) Central Heating Plant, Hadnot Point, Bldg. No. 1700: Four Riley Stoker Corp. Units, 3,000 H. P. each. Working pressure 193 p.s.i. Heating surface: Boiler, 9,000 sq. ft.; water Walls, 2,900 sq. ft. Capacity, maximum continuous: 100,000 lbs. hr.; Heating surface, air heater 12,200 sq. ft.; operating pressure, 150 lbs.; Furnace volume, 5,000 cu. ft. Each of the four boilers has two Riley No. 4 Single Atrita Unit Pulverizers. Steam distribution lines: 80,675 lineal feet.

(b) Naval Hospital, Hadnot Point, Bldg. No. H-20: Three Cleaver-Brooks Co. Boiler, 500 H. P. each; Heating surface: 2,500 sq. ft. each; Operating pressure: 125 p.s.i. Each boiler equipped with an integral rotary cup type oil burner. Steam distribution lines: 3,775 lineal feet.

(c) Naval Hospital, Bachelor Officer Quarters, Hadnot Point, Bldg. No. H-32: One oil City, coal stoker-fired, 42 H.P. Heating surface; 420 sq. ft.; Operating pressure: 15 p.s.i. purpose of plant, to furnish steam for heat and hot water for this building only.



HEATING SYSTEM: (Continued)

(d) Heating Plant, Tent Camp No. 1, Bldg. No. 344: Three Kewanee locomotive type, h.r.t. boiler, 179 H. P. each, fired by three Conco stokers. Operating pressure: 125 p.s.i. each.

One Kewanee locomotive type, h.r.t., oil-fired boiler, 261 H.P. Fired by Petrol, W-8, Oil burner. Steam distribution lines: 7,035 lineal feet.

(e) Heating Plant, Hut Camp No. 2, Bldg. No. 941: One Cleaver-Brooks fully self-contained automatic oil-fired steam generating unit, 450 H.P. Operating pressure: 125 p.s.i. 15,500 pounds steam per hour. Heating surface: 2,000 sq. ft.

One Fitzgibbons portable firebox, stoker-fired boiler. Operating pressure: 125 p.s.i. Standard Type, Iron Fireman Stoker 250 H.P. Steam distribution lines: 1,600 lineal feet.

(f) Heating Plant, Rifle Range, Bldg. No. 15: One Cleaver-Brooks fully self-contained automatic oil-fired steam generating unit, 350 H.P. Operating pressure: 125 p.s.i. 12,000 pounds steam per hour. Heating surface: 1,730 sq. ft.

One Fitzgibbons portable firebox, stoker-fired boiler. Operating pressure: 125 p.s.i. Standard Type, Iron Fireman Stoker. Steam distribution lines: 3,757 lineal feet.

(g) Heating Plant, Rifle Range, Bldg. No. 222: One Fitzgibbons portable firebox, return tubular, stoker-fired boiler, 89 H.P. Operating pressure: 125 p.s.i.

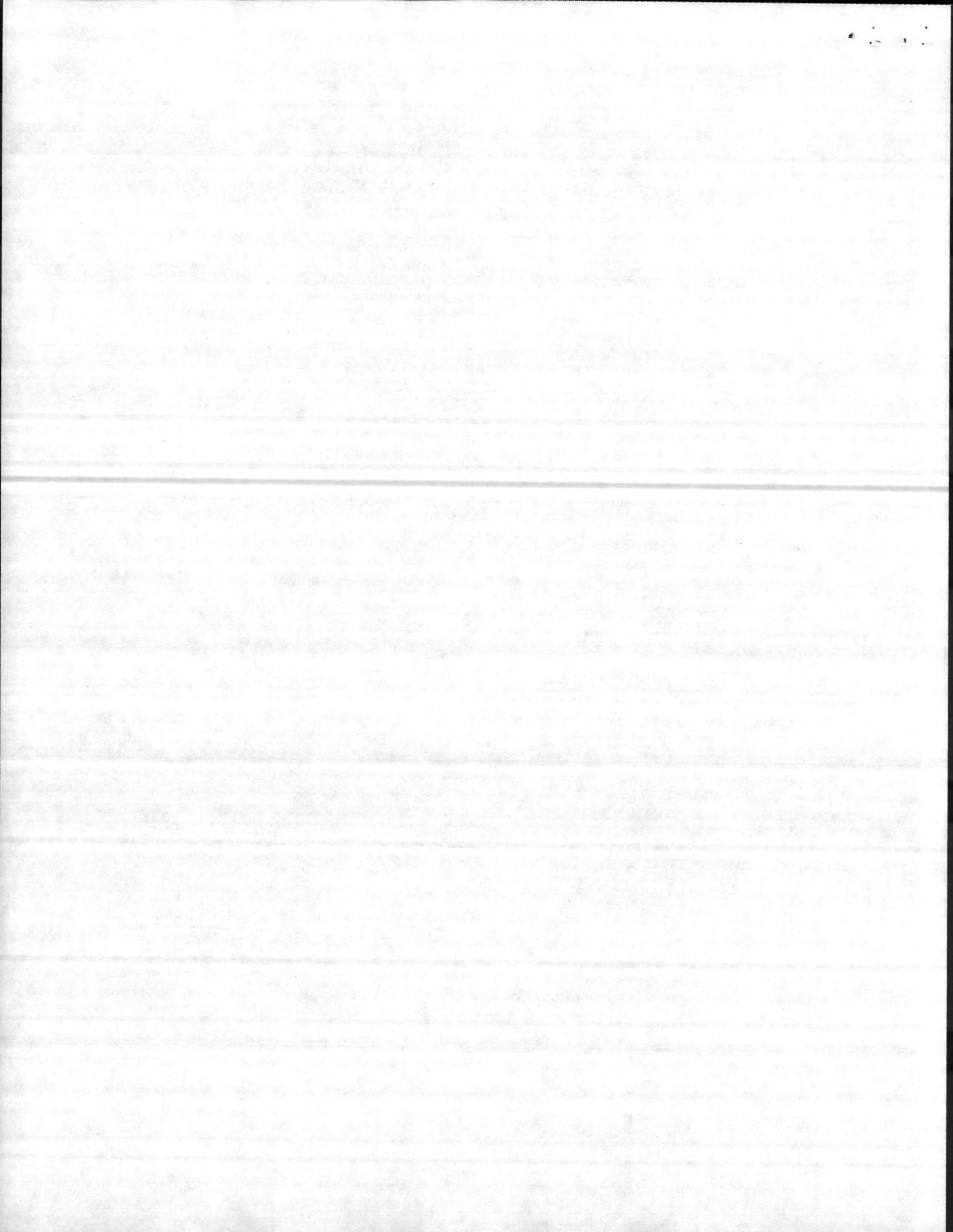
One Farrar and Trefts, firebox, two pass, return tubular, stoker-fired boiler, 89 H.P. Operating pressure: 125 p.s.i. Both boiler fired by two Iron Fireman Stoker, Standard Type, Size 4 Long. Steam distribution lines: 1,280 lineal feet.

(h) Heating Plant, Montford Point Camp No. 1, Bldg. No. M-103:

One Farrar and Trefts, firebox, two pass, return tubular, Stoker-fired boiler, 179 H.P. Operating pressure: 125 p.s.i. Conco Stoker, Size H-7, Steam distribution lines: 1,230 lineal feet.

(i) Heating Plant, Montford Point Camp No. 2, Bldg. No. M-230:

Two Farrar and Trefts, firebox, two pass, return tubular, stoker-fired boilers, 89 H.P. each. Operating pressure: 125 p.s.i. each. Iron Fireman Stokers, Standard Type, size 4 Reg. Steam distribution lines: 1,430 lineal feet.



(j) Heating Plant, Montford Point Camp No. 2-A, Bldg. No. M-237:
One Kewanee locomotive type, h.r.t., stoker fired boiler, 250 H.P.
Operating pressure: 125 p.s.i. Iron Fireman Stoker, Standard
Type, Size 5-A long. Steam distribution lines: 1,117 lineal feet.

(k) Heating Plant, Montford Point Camp No. 3, Bldg. No. M-625:
One Keeler, Type "CP", Bent tube, Water tube, Stoker-fired
boiler, 310 H.P. Operating pressure, 200 p.s.i. Westinghouse
Stoker, Type SRS.

One Kewanee locomotive type, firebox, h.r.t., stoker-fired boiler
250 H.P. Operating pressure: 125 p.s.i. Iron Fireman Stoker
Standard Type, 5-A Long.

Three Farrar and Trefts firebox, two pass, return tube, stoker-
fired boilers, 250 H.P. each. Operating pressure: 125 p.s.i.
Iron Fireman Stoker, Standard Type, 5-A Long. Steam distribu-
tion lines: 10,868 lineal feet.

(l) Heating Plant, Balloon Barrage Area, Bldg. No. BB-9: One
Cleaver-Brooks, Fully self-contained, automatic oil-fired,
steam generating unit, 350 H.P. 12,000 pounds steam per hour.
Operating pressure: 125 p.s.i. Heating Surface: 1,730 sq. ft.

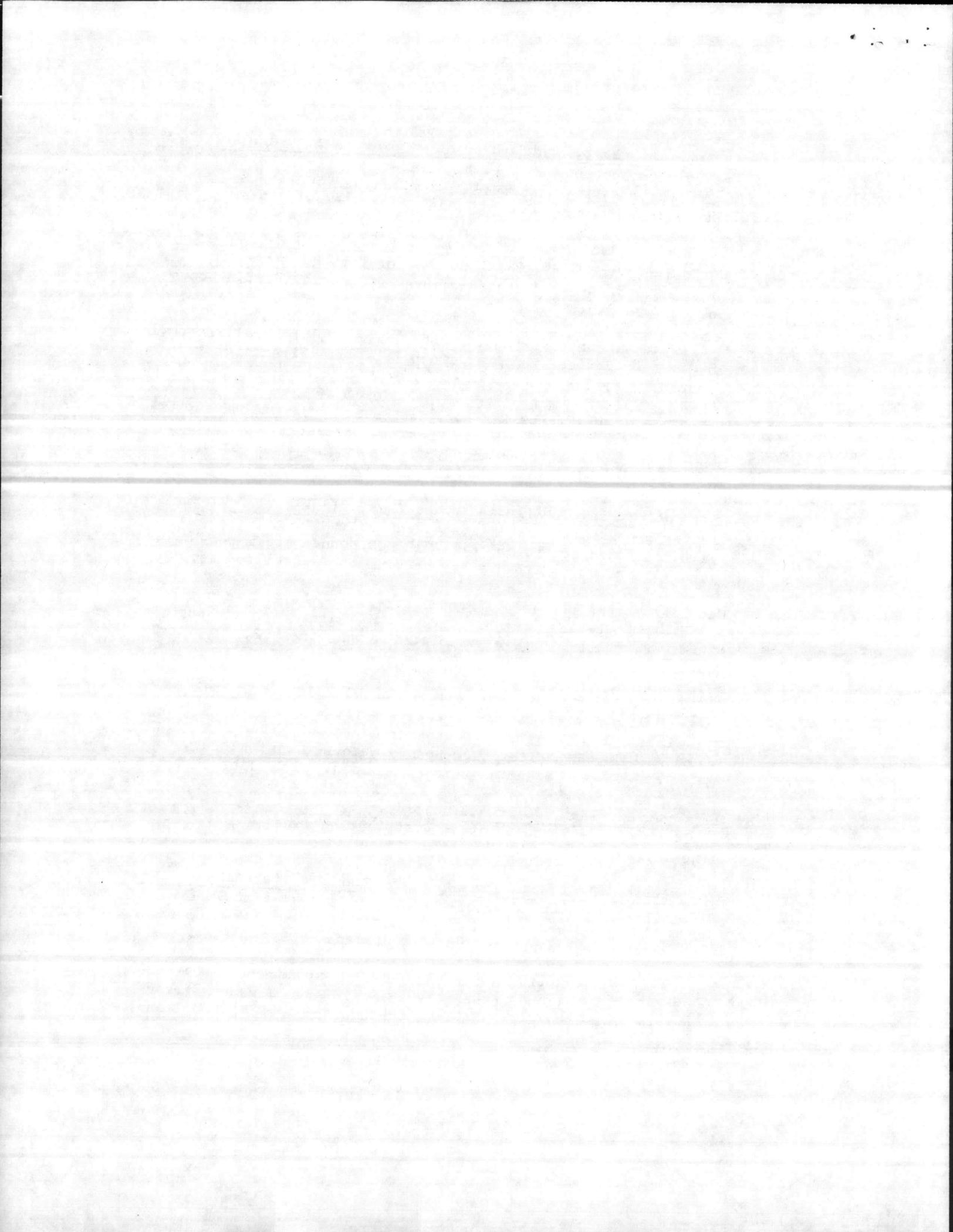
One Fitzgibbons portable firebox, h.r.t., stoker-fired boiler,
250 H.P. Operating pressure: 125 p.s.i. Iron Fireman Stoker
Standard Type, 5-A Reg. Steam distribution lines: 2,309 lineal
feet.

(m) Heating Plant, Balloon Barrage School, Bldg. No. BB-26:
One oil City stoker-fired, h.r.t., low pressure steel boiler.
Capacity: 12,400 sq. ft. of steam radiation. Maximum working
pressure: 15 pounds steam, 30 pounds water. Conco stoker,
size C.E.W. H-4. Steam distribution lines: 1,260 lineal feet.

(n) Heating Plant, Coast Guard, Bldg. No. A-1: Same as
Balloon Barrage School. Steam distribution lines: 100
lineal feet.

(o) Heating Plant, Bachelor Officers Quarters, Paradise Point:
Bldg. No. 2615: One Cleaver-Brooks, Fully self-contained
automatic oil-fired, steam generating unit, 150 H. P. Opera-
ting pressure: 125 p.s.i. Heating surface, 709 sq. feet.

One Fitzgibbons, portable firebox, h.r.t., stoker-fired boiler
250 H.P. Operating pressure, 125 p.s.i. Iron Fireman Stoker
Standard Type, 5-A Reg. Steam distribution lines: 3,600 lineal
feet.



(p) Heating Plant, Onslow Beach, Bldg. BA-106: Two Kewanee Firebox, h.r.t., locomotive type, stoker-fired boilers, 89 H.P. Standard Type, 4-A Long. Steam distribution lines: 900 lineal feet.

(q) Heating Plant, Parachute Tower, Bldg. PT-3: One Kewanee Firebox, locomotive type, h.r.t., stoker-fired boiler, 143 H.P. Operating pressure: 125 p.s.i. Iron Fireman Stoker, Standard Type, 4-A Reg. Steam Distribution lines: 140 lineal feet.

(r) Heating Plant, Camp Knox, Bldg. D-24: One stoker fired National Boiler. 2,080 sq. ft. water. 43 gallons water per hour. Iron Fireman Stoker, Size DL, 75 Reg. Steam distribution lines: 61 lineal feet.

(s) Heating Plant, Camp Knox, Bldg. D-25: One Neil-McLain stoker-fired boiler, Size H4-W-22. Operating pressure: 125 p.s.i. Link-Belt Stoker, Model 67-27-1. Steam distribution lines: 61 lineal feet.

(t) Heating Plant, Camp Knox, Bldg. D-13: One Upright boiler firetube, hand fired, 35 H.P. Serving Mess Hall D-13 only.

(u) Heating Plant, Midway Park School, Bldg. 4010: One No. 4 Ideal Red Flash Boiler, hand-fired. Hot water, 6400 sq. ft.

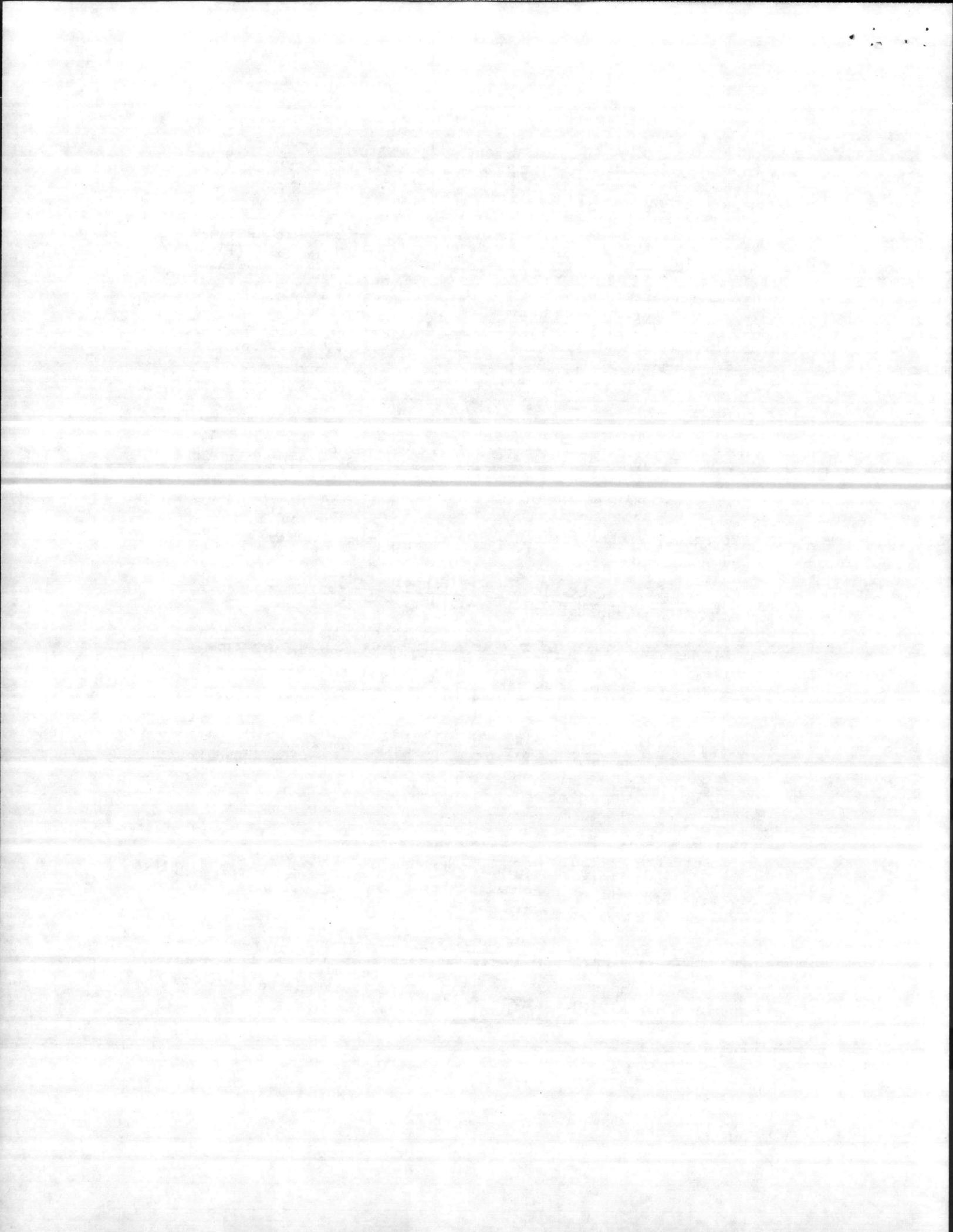
(v) Heating Plant, Camp School, Bldg. 40: One Ideal No. 5 Ideal Red Flash Boiler, stoker-fired. Operating pressure: 30 Pounds water. Hot water: 12,960 square feet. Iron Fireman Stoker, Standard Type, 4 Long.

(w) Heating Plant, Main Gate House, Bldg. 33: One National No. 5 Series Heat Extractor. Operating pressure: 59 pounds water. Hot water: 2,400 square feet. Iron Fireman Stoker, Size D. L., 75 long.

FIRE PROTECTION:

(a) Firehouses Nos. 1 and 6, located at Tent Camp: Three pieces of automotive fire equipment manned by Marine Corps Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied from two 100,000-gallon elevated water storage tanks.

(b) Firehouse No. 2, Located at Midway Park: Two pieces of automotive fire equipment, one manned by Marine Corps Personnel, and the other by Civilian Fire Chief. Fire hydrants with normal pressure of 55 pounds; water supplied from one 200,000-gallon elevated water storage tank.



(c) Firehouse No. 3, Located in the Division Training Area: Used as Fire Headquarters. Four pieces of automotive fire equipment manned by Marine Corps Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied by one 300,000-gallon elevated water storage tank.

(d) Firehouse No. 4, Located at Paradise Point: Five pieces of automotive fire equipment manned by Marine Corps Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied from one 200,000-gallon elevated water storage tank.

(e) Firehouse No. 5, Located in the Supply and Industrial Area: Four pieces of automotive fire equipment manned by Marine Corps Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied from three 300,000-gallon elevated water storage tanks.

(f) Firehouse at Montford Point: Three pieces of automotive fire equipment manned by Marine Corps Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied from one 150,000-gallon elevated water storage tank.

(g) Firehouse at Rifle Range: Three pieces of automotive fire equipment manned by Marine Corps Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied from one 100,000-gallon elevated water storage tank.

(h) Firehouse at Courthouse Bay: One 500 g.p.m. pumper manned by Coast Guard Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied from one 100,000-gallon elevated water storage tank.

(i) Firehouse at Onslow Beach: One piece of automotive fire equipment and is manned by Marine Corps Personnel. Fire hydrants with normal pressure of 55 pounds; water supplied from one 100,000-gallon elevated water storage tank.

RAILROAD TRACKS:

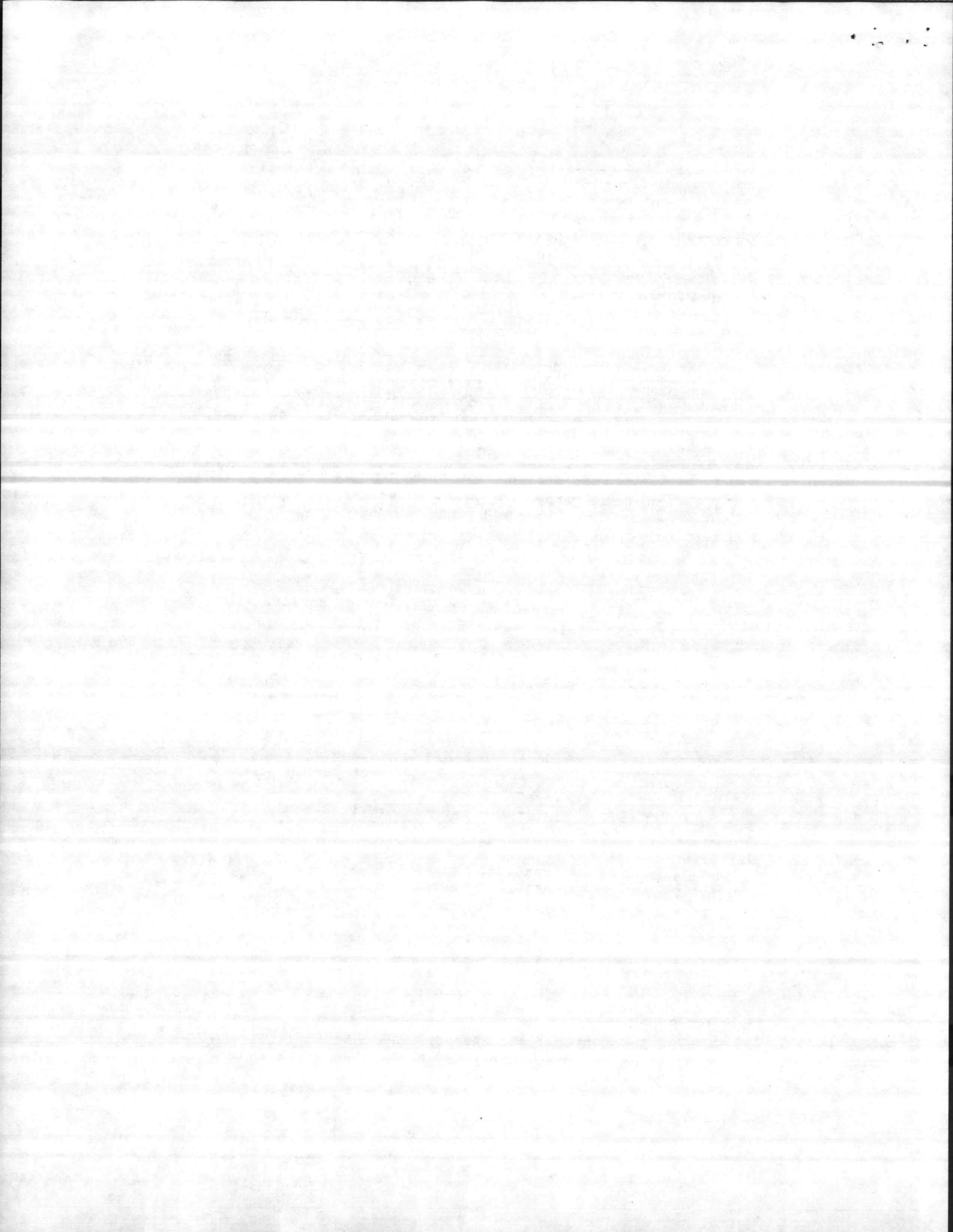
Camp Lejeune Railroad: $15\frac{1}{2}$ miles total, 2 miles of sidings at Tent Camp, $3\frac{1}{2}$ miles of narrow gauge tracks for target cars at the Anti-Tank Range, approximately 5 miles of switch tracks in the Supply and Industrial Area.

RAILROAD SCALES:

None

ROLLING STOCK:

Three locomotives: one steam, two diesel-electric; four box cars, one flat car, one gondola car, one hopper, and one passenger coach.



CRANE TRACKS:
None

CRANES:
None

MOTOR PASSENGER VEHICLES:

(a) Camp Quartermaster - Motor Transport Division:

9	5-passenger Sedans	32	33-passenger Busses
1	9-passenger Sta. Wagon	20	24-passenger Busses
28	8-passenger Sta. Wagon	9	64-passenger Trailer Busses
7	7-passenger Sta. Wagon	2	Amphibious Jeeps
10	7-passenger Carryalls	43	$\frac{1}{4}$ -ton Jeeps
4	8-passenger Carryalls	15	Motorcycles
1	28-passenger Bus	19	Motor Scooters
5	47-passenger Busses		

(b) Camp Quartermaster - Marine Training Command:

2	7-passenger Sta. Wagons	1	8-passenger Sta. Wagon
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(c) Public Works Department:

1	Business Coupe	2	7-passenger Sta. Wagons
1	5-passenger Coach		

(d) Camp Electric Plant:

1	7-passenger Sta. Wagon		
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(e) U. S. Naval Hospital:

1	5-passenger Sedan	2	7-passenger Sta. Wagons
1	32-passenger Bus	2	41-passenger Busses

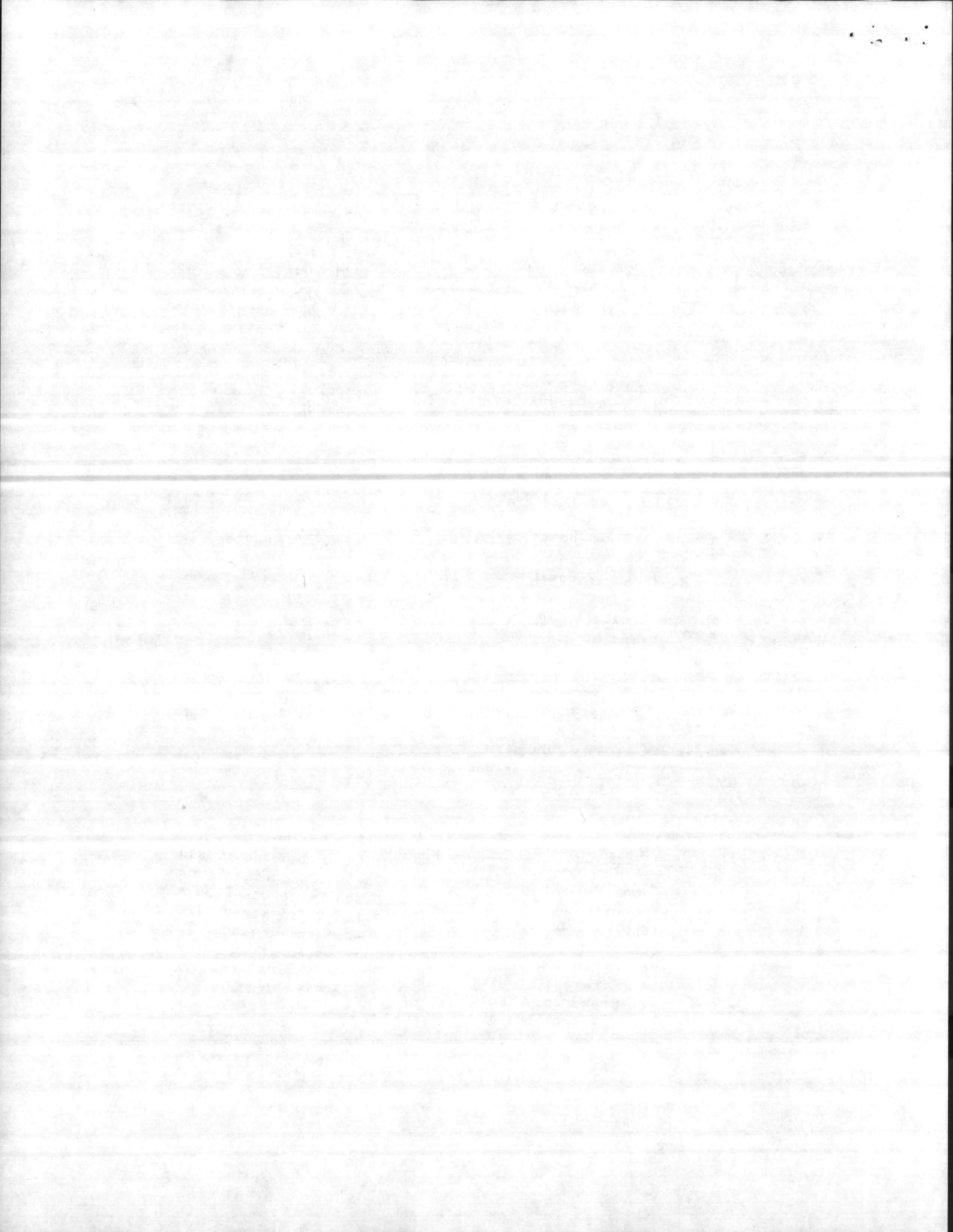
(f) Montford Point Camps:

7	7-passenger Sta. Wagons	11	$\frac{1}{4}$ -ton Jeeps
1	$\frac{1}{2}$ -panel Delivery	10	Motor Scooters

MOTOR TRUCKS:

(a) Camp Quartermaster - Motor Transport Division:

102	$\frac{1}{2}$ -ton Pickups	8	1-ton Telephone Trucks
6	$\frac{3}{4}$ -ton Pickups	1	$1\frac{1}{2}$ -ton Telephone Truck
60	1-ton Pickups	2	3-ton Telephone Trucks
1	$\frac{1}{2}$ -ton Panel Delivery	1	3-ton Refrigerator Truck
17	1-ton Deliveries	1	10-ton Refrigerator Truck
6	1-ton Stake Body Trucks	1	Fire Crash Truck
32	$1\frac{1}{2}$ -ton Stake Body Trucks	4	Fire Fighting Trailers
2	3-ton Stake Body Trucks	1	1-ton Fire Truck
7	$\frac{3}{4}$ -ton Cargo Trucks	5	$2\frac{1}{2}$ -ton Fire Trucks
1	1-ton Cargo Truck	6	3-ton Fire Trucks



Camp Quartermaster - Motor Transport Division: (Continued)

24	1½-ton Cargo Trucks	1	6-ton Van
38	2½-ton Cargo Trucks	2	10-ton Vans
90	3-ton Cargo Trucks	3	Refrigerator Trailers
9	1½-ton Platform Trucks	2	6-ton Van Trailers
10	1-ton Dump Trucks	2	10-ton Van Trailers
18	1½-ton Dump Trucks	3	Cargo Trailers
4	2-ton Dump Trucks	1-	Low-bed Trailer
20	2½-ton Dump Trucks	1	Reversible Trailer
19	3-ton Dump Trucks	12	Stake Trailers
45	Tractor Units	5	300-gallon Trailers
4	1000-gal. Tank Trucks	5	Passenger Trailers
3	2000-gal. Tank Trucks	4	Corrugated Trailers
3	2500-gal. Tank Trucks	2	6½-ton Semi-Amphibious Trailers
2	3000-gal. Tank Trucks	8	Lubrication Trailers
3	½-ton Reconnaissance Trks.	2	Pole Trailers
4	1-ton Reconnaissance Trks.	1	1½-ton Wrecker
4	½-ton Telephone Trucks	1	6-ton Wrecker

(b) Camp Quartermaster - Marine Training Command:

12	½-ton Pickups	2	1-ton Stake Body Trucks
3	¾-ton Pickups	4	3-ton Dump Trucks
21	1-ton Pickups	66	1½-ton Cargo Trucks
11	½-ton Delivery Trucks	30	2-ton Cargo Trucks
7	1-ton Cargo Trailers	19	3-ton Cargo Trucks
1	1½-ton Cargo Trailer	1	3-ton Wrecker
2	Light Cargo Carriers	28	¼-ton Reconnaissance Trucks
1	2½-ton Amph. Truck	1	Tractor Unit
1	300-gal. Water Tank Trailer		

(c) Public Works Department:

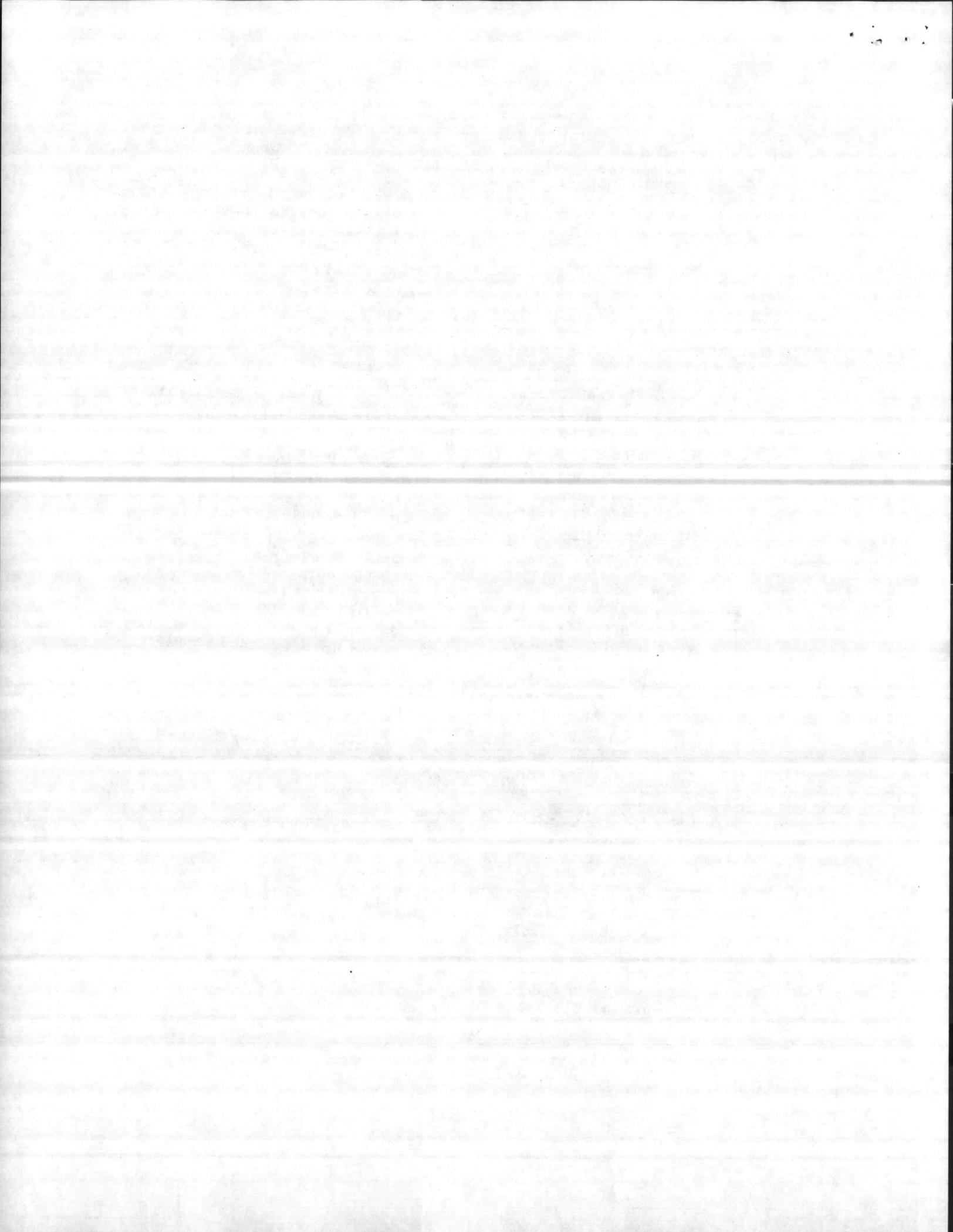
20	½-ton Pickups	6	1½-ton Stake Body Trucks
4	1½-ton Dump Trucks		

(d) Camp Electric Plant:

1	Line truck	3	½-ton Pickups
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(e) U. S. Naval Hospital:

1	1½-ton Open Express Truck	1	1½-ton Tractor Unit
2	2½-ton Dump Trucks	1	1½-ton Dump Truck
6	1½-ton Stake Trucks	1	¾-ton Jeep
1	3-ton Stake Truck	1	750-gal. Fire Truck
1	5-ton Stake Truck	2	Auxiliary Pumper Trucks
1	½-ton Pickup	2	2½-ton Express Trucks
1	2500-gal. Oil Tank Truck		



MOTOR TRUCKS: (Continued)

(f) Montford Point Camps:

18	$\frac{1}{2}$ -ton Pickups	1	750-gallon Gas Tank Truck
9	3-ton Dump Trucks	2	300-gallon Water Tank Trailer
17	1-ton Cargo Trucks	1	6-ton Stake Trailer
23	$2\frac{1}{2}$ -ton Cargo Trucks	1	10-ton Van Trailer
6	3-ton Cargo Trucks	2	Tractor Units

MOTOR AMBULANCES:

Fifteen field ambulances and nine combat ambulances. Five ambulances at U. S. Naval Hospital.

MOTOR FIRE APPARATUS:

(a) Firehouses Nos. 1 and 6 at Tent Camp: Two pumpers, 500 g.p.m.; one Forestry truck equipped with Panama Pump; 125-gallon water tank, forestry tools and pumps.

(b) Firehouse No. 2 at Midway Park: One pumper, 500 g.p.m. one $\frac{1}{2}$ -ton International Pickup equipped with two-way radio and fire extinguishers. The pickup is used as scout car for forest fires.

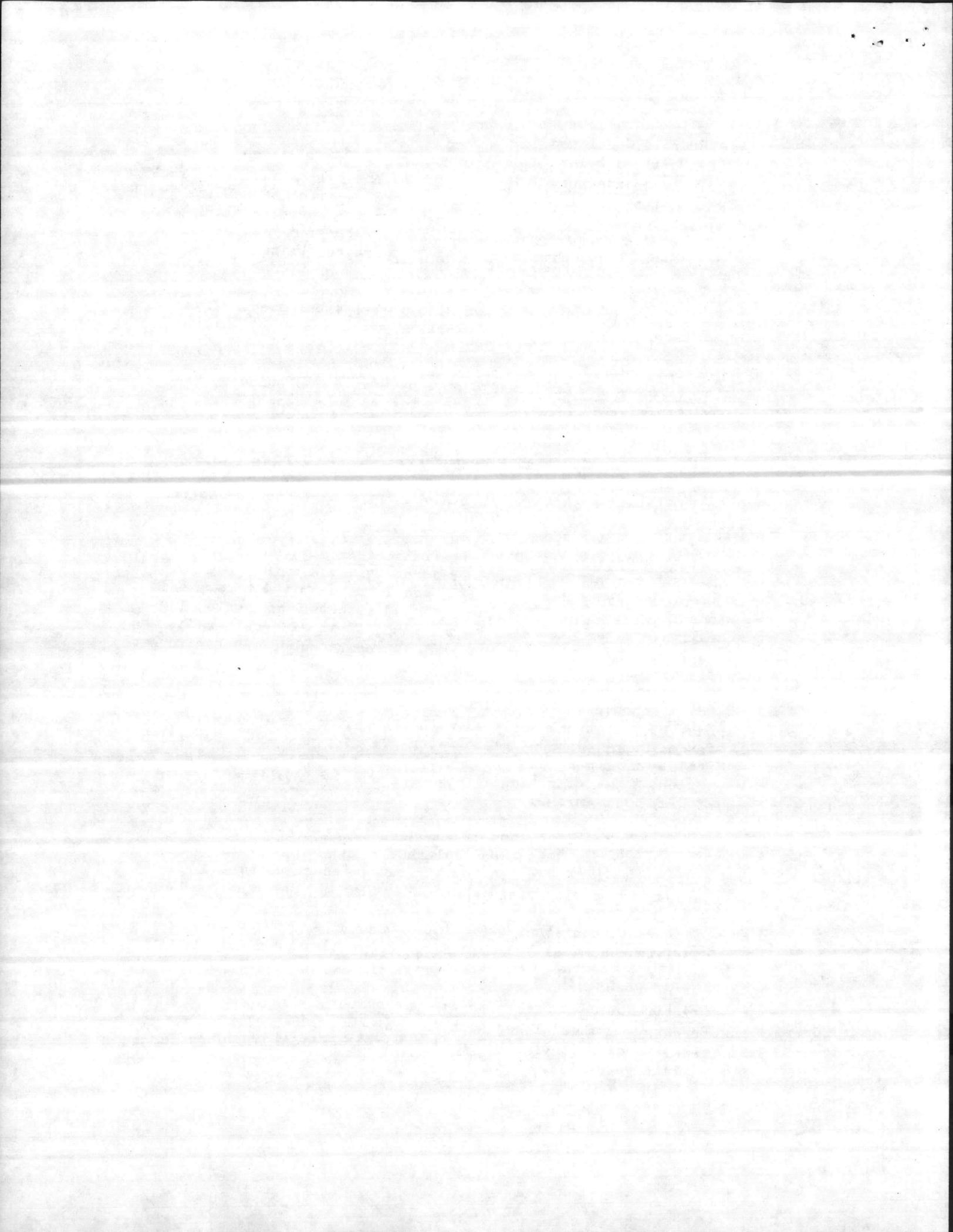
(c) Firehouse No. 3, Division Training Area: One pumper, 500 g.p.m.; one Mack high-pressure Fog truck with Hardy pump, U. S. War Dept. class No. 125; one 1-ton chemical truck; and one $\frac{3}{4}$ -ton Chevrolet truck equipped with two-way radio, 100-gallon booster tank with Panama pump, first-aid equipment, various fire extinguishers, and is used as scout car for forest fires.

(d) Firehouse No. 4, Paradise Point: Two pumpers, 500 g.p.m. one Forestry truck equipped with 125-gallon water tank and Panama pump; one 300-gallon water trailer, and other forestry tools, and pumps; one $\frac{1}{2}$ -ton pickup with 40-gallon Foam Tank and various types of extinguishers; and one $\frac{1}{2}$ -ton pickup for use of Camp Fire Marshal.

(e) Firehouse No. 5, Supply and Industrial Area: Two pumpers, 500 g.p.m.; one 1-ton chemical truck; and one $\frac{3}{4}$ -ton pickup equipped with 100-gallon booster tank, Panama pump, and various types of extinguishers.

(f) Firehouse at Montford Point: One pumper, 500 g.p.m.; one 1-ton Chemical Truck; and one 500-gallon pump Chrysler auxiliary trailer.

(g) Firehouse at Rifle Range: One pumper, 500 g.p.m.; one Forestry truck equipped with Panama pump, 125-gallon water tank, forestry tools and pumps; one 500-gallon pump Chrysler auxiliary trailer.



MOTOR FIRE APPARATUS: (Continued)

(h) Firehouse at Courthouse Bay: One pumper, 500 g.p.m.

(i) Firehouse at Onslow Beach: One Forestry truck, equipped with Panama pump, 125-gallon water tank, and 500 feet of $2\frac{1}{2}$ -inch hose.

SPECIAL MOTOR VEHICLE EQUIPMENT:

Nine load packers; two Caterpillar Tractors; three Street Sweepers; fourteen Carloaders; two cranes; one Air Compressor; seven Steam Cleaning Units; one Sewage Trailer; four mobile Machine Shops; two Tractor Dozer Shovers, three Tractors with power takeoff; one Tractor with winch; six Bullgraders; four Bull clam shovels; one Lubricating Oil Purifier Trailer.

SHIPBUILDING WAYS:

None

SHIPBUILDING CRANES:

None

DERRICKS:

Courthouse Bay: One 35-ton stiff leg, mounted on edge of dock wall; gasoline powered. One 25-ton Northwest Link-Belt Crane.

Supply and Industrial Area: One 35-ton stiff leg.

PILE DRIVERS:

One steam-operated pile driver.

LAND:

85,154.91 acres, land; 26,000 acres, water; 111,154.91 acres, total.

TOTAL NUMBER OF BUILDINGS:

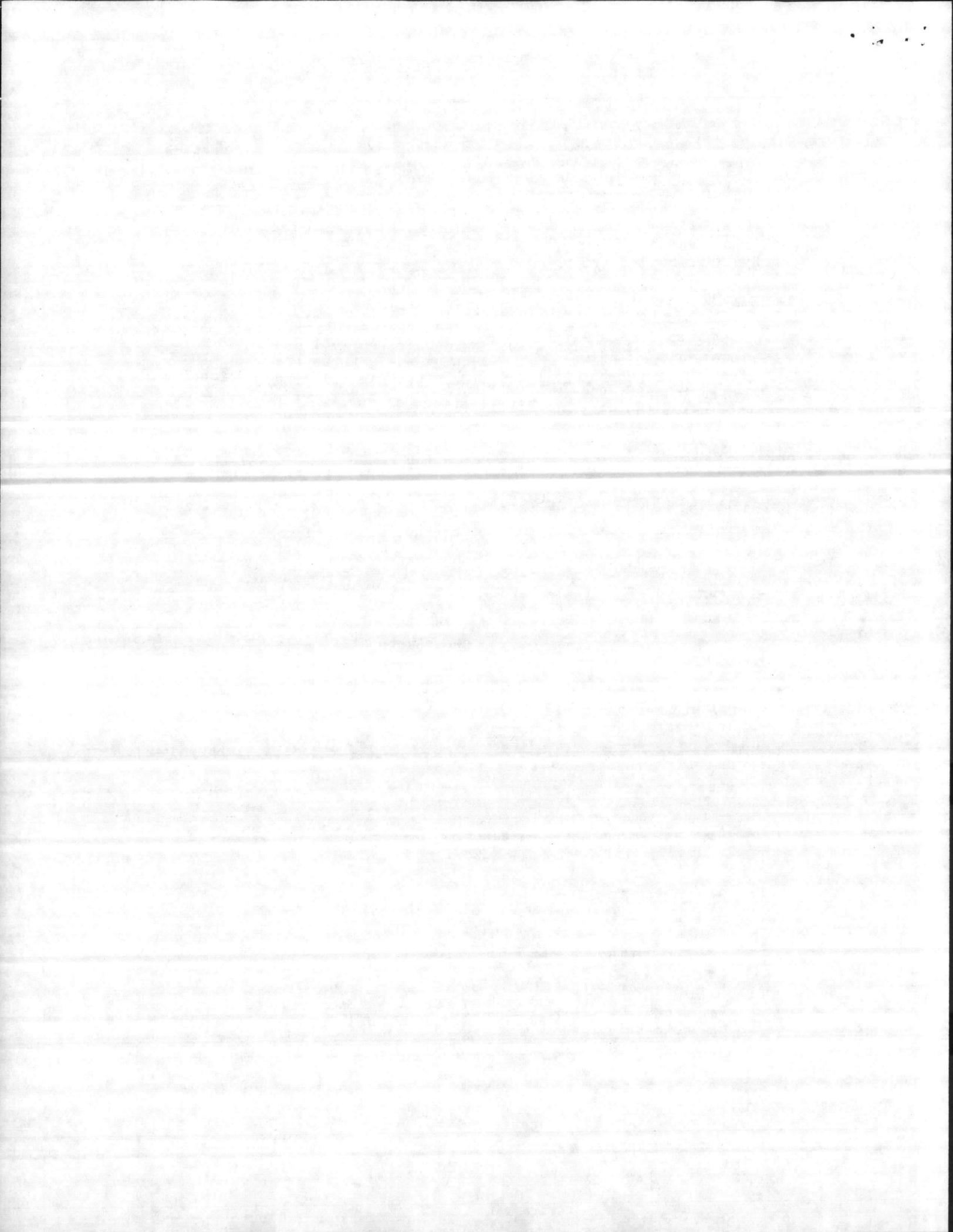
2589 buildings and structures, 751 Homosote huts, and 40 Quonset Huts. Total: 3,380.

TOTAL FLOOR SPACE, ALL BUILDINGS:

Buildings and structures: 8,905,014 sq. ft.
Homosote huts: 401,034 sq. ft.
Quonset Huts: 44,960 sq. ft.

TOTAL CUBIC SPACE, ALL BUILDINGS:

Buildings and structures: 125,993,900 cu. ft.
Homosote huts: 4,109,990 cu. ft.
Quonset Huts: 382,768 cu. ft.



TOTAL FLOOR SPACE:

Boat House	9,194 sq. ft.
Manufacturing	436,894 sq. ft.
Storage (Warehouse)	1,707,659 sq. ft.
Storage (Magazines)	62,522 sq. ft.
Office	265,613 sq. ft.
Housing	4,191,051 sq. ft.
Messing	830,417 sq. ft.
Instructional	263,370 sq. ft.
Medical	433,759 sq. ft.
Homosote Huts	401,034 sq. ft.
Miscellaneous	704,535 sq. ft.
Quonset Huts	44,960 sq. ft.
Total	<u>9,351,008 sq. ft.</u>

TOTAL CUBIC SPACE:

Boat House	124,448 cu. ft.
Manufacturing	6,411,389 cu. ft.
Storage (Warehouse)	26,201,469 cu. ft.
Storage (Magazines)	648,099 cu. ft.
Office	3,539,947 cu. ft.
Housing	50,877,758 cu. ft.
Messing	14,706,909 cu. ft.
Instructional	4,618,764 cu. ft.
Medical	6,058,001 cu. ft.
Miscellaneous	12,807,116 cu. ft.
Homosote Huts	4,109,990 cu. ft.
Quonset Huts	382,768 cu. ft.
Total	<u>130,486,659 cu. ft.</u>

BERTHING SPACE:

None

ANCHORAGE OFFSHORE:

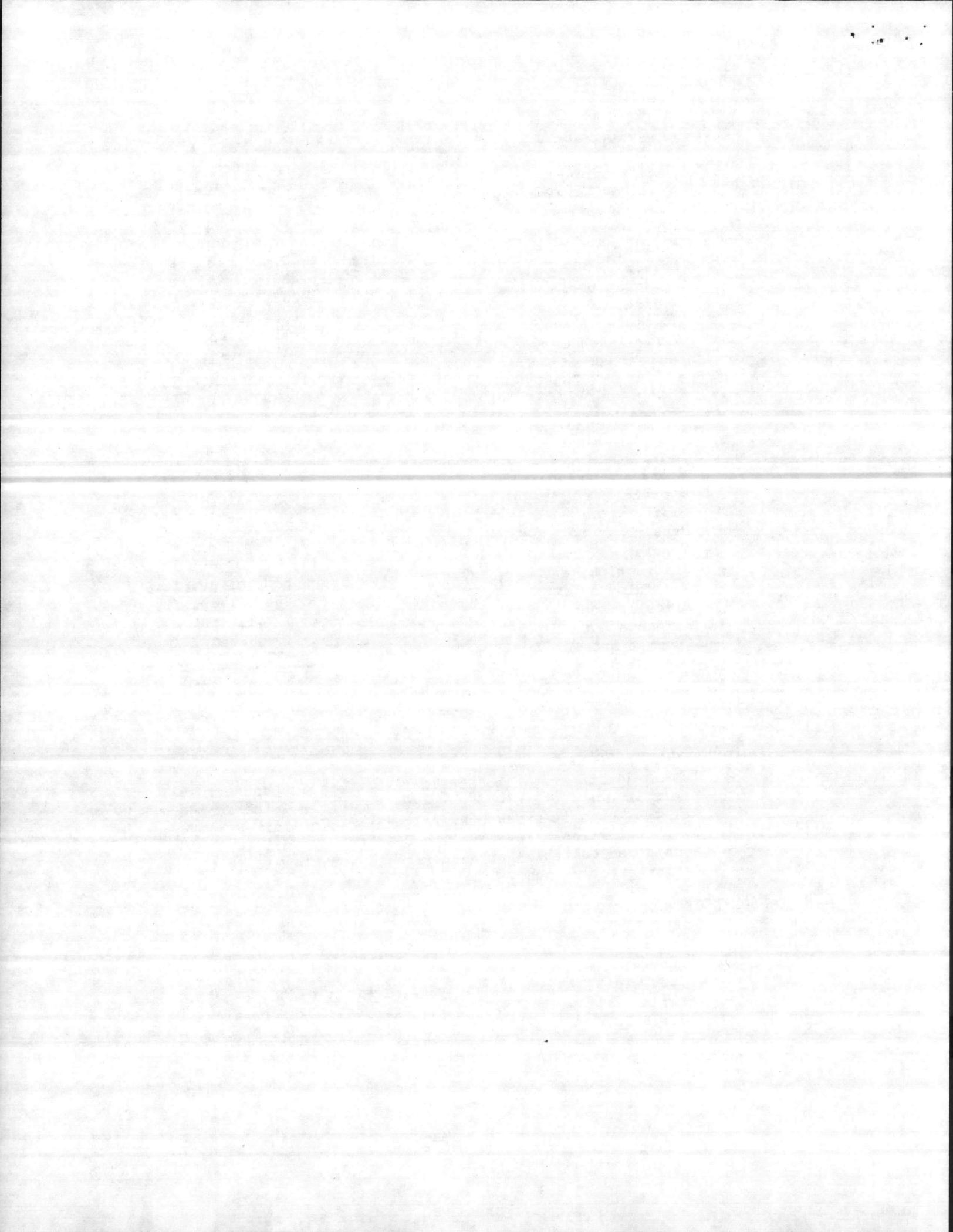
Within limits prescribed beginning at a point approximately one mile due South of Entrance to New River Inlet and paralleling the beach to the southward, there is unlimited anchorage about two miles wide. Similar area to the northward is not considered suitable for anchorage inasmuch as it is in the target practice zone.

DRYDOCKS:

None

PAVED STREETS:

9-foot width, 33,633.60 sq. yds.; 18-foot width, 54,913.02 sq. yds.; 20-foot width, 397,994.67 sq. yds.; 22-foot width, 1,037,672.27 sq. yds. Total all widths, 1,524,213.56 sq. yds.



STREETS AND ROADS NOT PAVED:

16-foot width, 24,780.80 sq. yds.; 18-foot width, 2,428.80 sq. yds.; 20-foot width 25,696.00 sq. yds.; 22-foot width, 74,181.00 sq. yds.; total, all widths, 127,086.60 sq. yds.

PAVED SIDEWALKS:

4-foot width, 62,868.37 sq. yds.; 5-foot width, 106,333.33 sq. yds.; 6-foot width, 1,056.00 sq. yds.; 8-foot width, 19,101.87 sq. yds. Total all widths, 189,359.57 sq. yds.

PARKS:

Parade ground, fourteen acres.

AIRCRAFT LANDING FIELD:

Peterfield Point, Camp Lejeune, N. C.

RECREATIONAL FACILITIES:

1 Golf Course, 6 Gymnasiums, 13 Theatres, 20 Tennis Courts, 11 Softball Fields, 9 Baseball Diamonds, 3 Football Fields, 4 Training Pools, 4 Outdoor Boxing Rings, 2 Indoor Boxing Rings, 1 Recreation Pavilion, 1 Golf Clubhouse for Enlisted men, Handball Facilities, Volleyball Facilities, Horseshoe Facilities, Surf bathing Facilities. Boating Facilities: 50 Sailboats, 90 Canoes, 5 Kayaks.

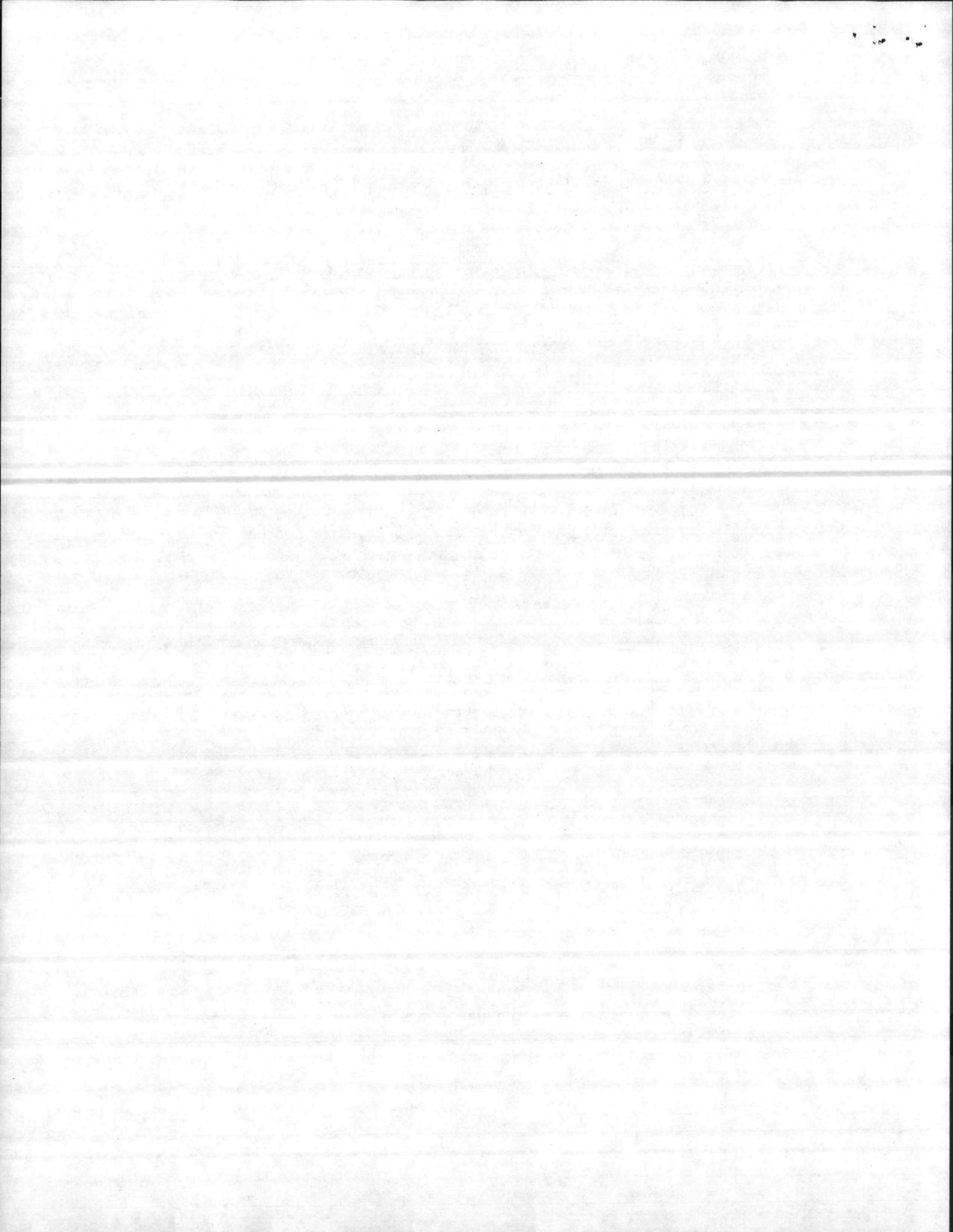
CLIMATOLOGICAL DATA:

The average annual temperature, over a period of 53 years, is 63 degrees F., with a high of 103 degrees F., and a low of 3 degrees F. Monthly average temperatures, degrees F.: January 47, February 49, March 55, April 62, May 70, June 76, July 80, August 79, September 74, October 64, November 55, and December 43.

The relative humidity averages 73 percent with a maximum for the summer months of 86 percent.

Average annual precipitation, over a period of 53 years, is 50 inches. Monthly precipitation averages as percentages of annual rainfall are as follows: January 7.22, February 7.38, March 7.33, April 6.42, May 7.59, June 10.73, July 13.48, August 12.60, September 9.38, October 6.33, November 4.76, and December 6.78.

Average annual snowfall is 2 inches. Average annual runoff available for sewage dilution in New River is estimated to be 20 percent of the rainfall. Sunshine 64 percent of possible time.



CLIMATOLOGICAL DATA: (Continued)

The prevailing direction of the wind is from the Southwest for 19 percent of the time. Percentages of time for other directions are: South 14, Southeast 7, East 7, Northeast 13, North 12, Northwest 12, and West 8. Average velocity, 8 miles per hour. Maximum velocity, 45 miles per hour. (Gusts of 60 miles per hour were logged at Courthouse Bay on 1 Dec. 1942.)

TIDES:

There is practically no periodic tide in New River above Hatch Point. Ordinary tides during 1941 and 1942 ranged between 0.1 and 0.4 above mean sea level. The highest tide observed during this period occurred on 16 October 1942, after several days of heavy rainfall with moderate winds. At this time, the tide reached an elevation of 2.3 feet above mean sea level.

DATUM:

All elevations are referred to mean sea level.

AIRPLANE PARKING AREA:

Total area for concrete Warm-up Platform, Apron, Seaplane Parking Area, and Ramp is 17,973 sq. yds.

AUTOMOBILE PARKING AREA:

Paved: 205,079 sq. yds. Not paved: 30,396 sq. yds.

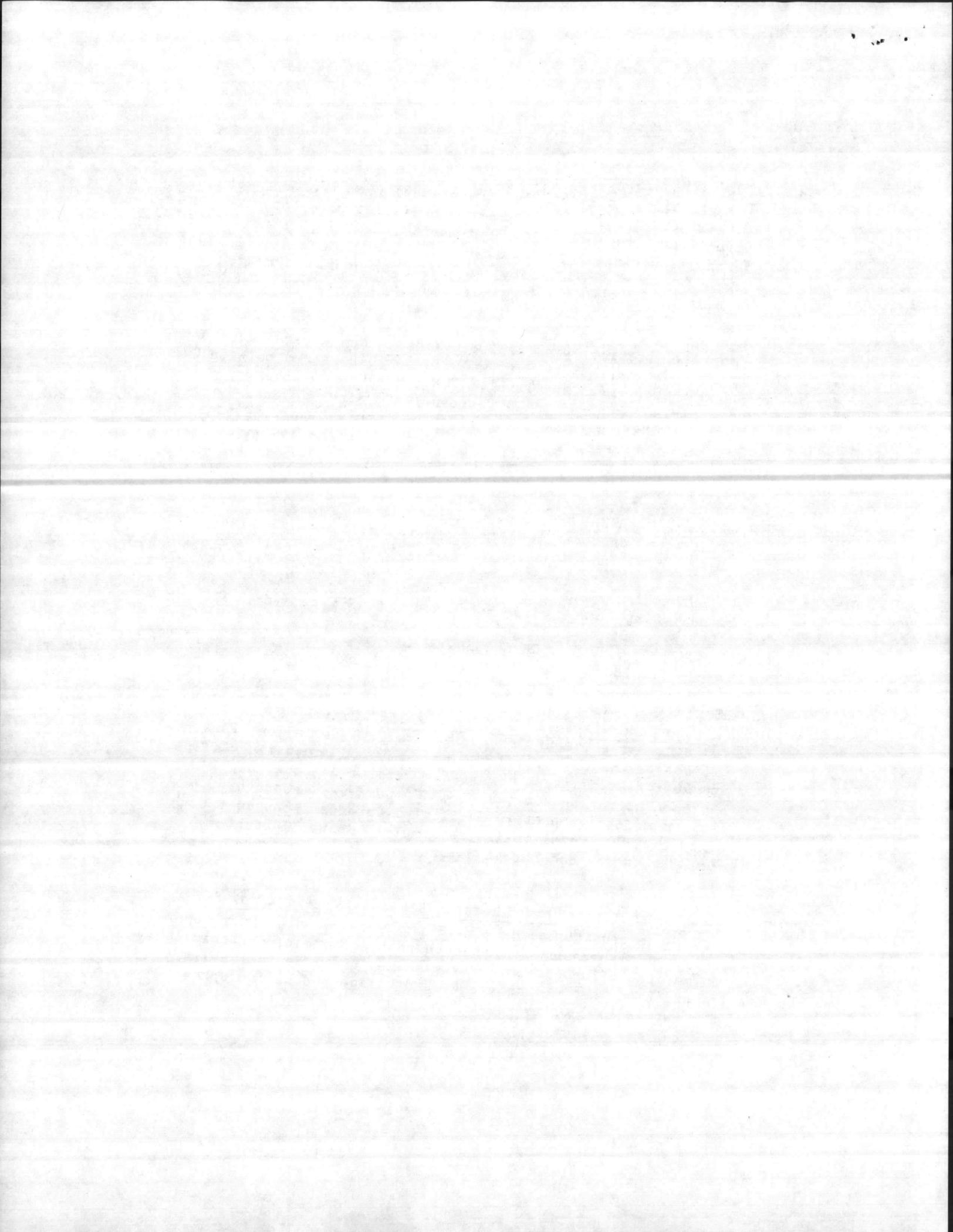
OUTDOOR ASSEMBLY, REPAIR, OR WORKING SPACE:

Paved: 74,280 sq. yds. Not paved: 87,580 sq. yds.

DISPENSARY FACILITIES:

(a) The Camp Dispensary, Bldg. No. 15: Office of the Camp Surgeon, Executive Office for the Medical Battalion, Personnel Office for the WAVES, and the Property and Accounting Office. Its medical facilities comprise a ward of 34 beds, and a well-equipped operating room, standard type X-ray laboratory, pharmacy, complete laboratory facilities, standard physio-therapy equipment, 19 dental chairs, a complete dental laboratory, Eye, Ear, Nose, and Throat department, and Out Patient Department.

(b) Womens Marine Corps Reserve Dispensary, Bldg. No. 66: Forty-one beds (possible 80). Complete operating room, pharmacy, and laboratory. Physio-therapy equipment, portable X-Ray 35 mm. photofluoroscopic X-Ray machine, and 2 dental chairs. In addition, has a complete Record Office and office space for two Medical Officers.

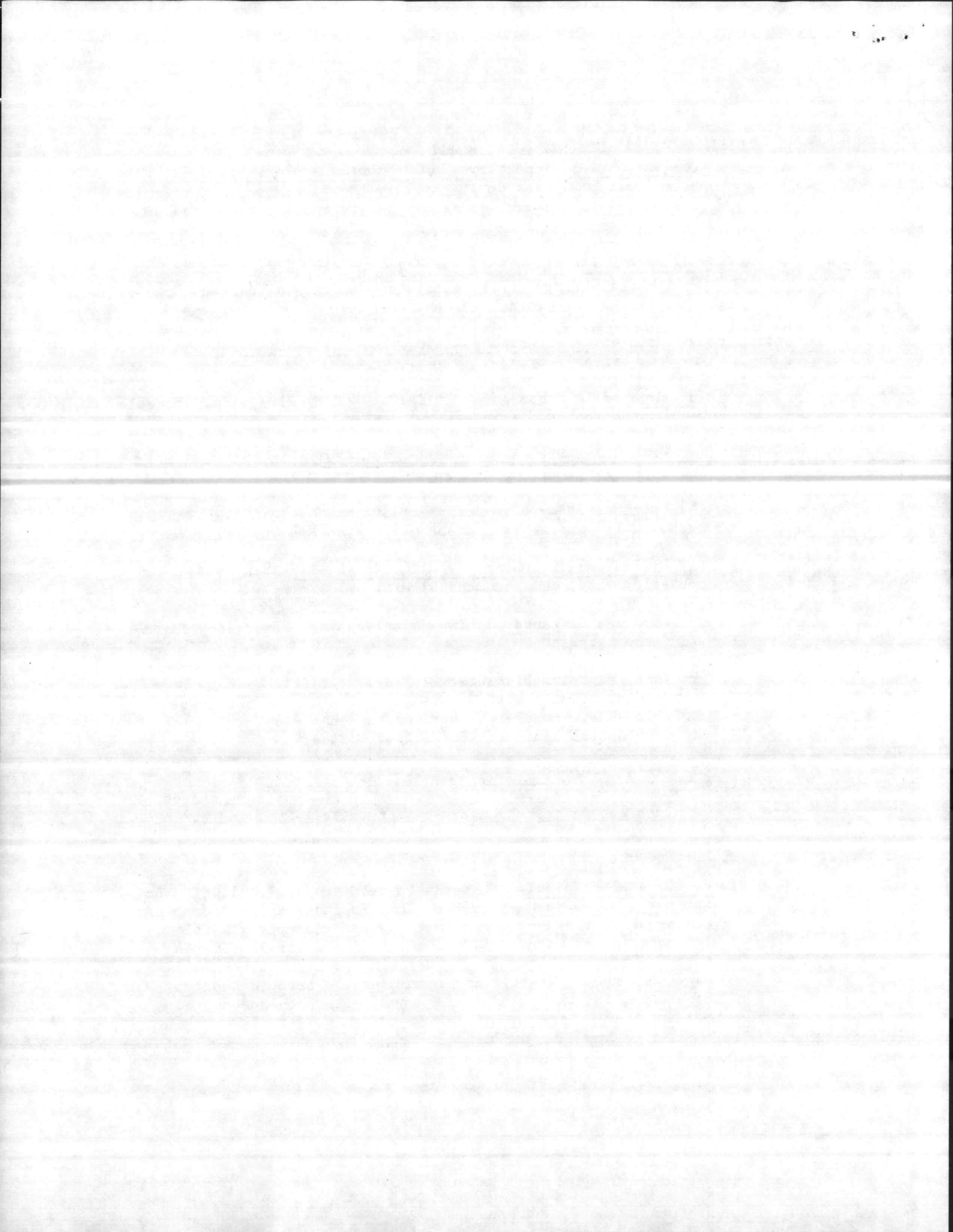


DISPENSARY FACILITIES: (Continued)

- (c) Area No. 1 Dispensary - WACR Schools - Bldg. No. 119: Five beds (possible 15). Small pharmacy and laboratory. Two Dental chairs. Small Record Office and office space for one Medical Officer.
- (d) Area No. 2 Dispensary - Bldg. No. 221: Office of the Camp Sanitation Officer. Laboratory for Malaria Control and Epidemiology Staff. Two dental chairs.
- (e) Area No. 3 Dispensary - Bldg. No. 524: Six beds, pharmacy, and one Medical Officer.
- (f) Area No. 4 Dispensary - Bldg. No. 421: Five beds, portable X-Ray, one Medical Officer.
- (g) Area No. 5 Dispensary - Bldg. No. 520: Six beds and a small pharmacy.
- (h) Courthouse Bay Dispensary - Bldg. No. BB-10: Eighteen beds, small laboratory and pharmacy. One Medical Officer.
- (i) Rifle Range Dispensary - Bldg. No. RR-12: Six beds, portable X-Ray, and one medical officer.
- (j) Stockade Dispensary: Two dental chairs. Emergency first-aid dispensary.
- (k) Montford Point Dispensary - Bldg. No. 128: Seventy beds, standard-equipped operating room, physio-therapy equipment, portable X-Ray, complete laboratory and pharmacy, incubator, and four dental chairs. Two Medical Officers.
- (l) Field Hospital - Tent Camp - Bldg. No. T.C. - 311: Two-Hundred-Twenty beds with possible expansion to four hundred. Complete laboratory and pharmacy, portable X-Ray, and two dental chairs.

MEDICAL FACILITIES:

U. S. Naval Hospital: 22 wards in main hospital. 1,981 beds set up as of 7 February 1945. (This includes a considerable number of double-deck bunks in the wards and approximately 120 beds in the corridors.) There is one general operating suite. This comprises three operating rooms with the necessary work rooms, sterilizing rooms, etc. There is one Eye, Ear, Nose, and Throat operating room, with bronchoscopy room



U. S. Naval Hospital: (Continued)

completely equipped. Dental facilities comprise two dental chairs. There is a complete X-Ray department, including superficial and deep therapy equipment. The main hospital has one general laboratory, equipped to handle hematology, serology, biochemistry, histology, urinalysis, and bacteriology.

Dependents' Ward: (U. S. Naval Hospital) The Dependents' Ward, housed in a separate building, has 49 beds, 27 bassinets, and 8 cribs. The operating suite in this ward comprises two completely equipped operating rooms with necessary work rooms, sterilizing rooms, etc.

SEWAGE DISPOSAL:

(a) Main Sewage Treatment Plant, Division Training Area Supply and Industrial Area, Parachute Training Area, U. S. Naval Hospital, Officers' Quarters at Paradise Point, and Midway Park Housing Project: Method of disposal: Comminutors - primary sedimentation tanks - activated sludge treatment - sludge drying beds - chlorination - effluent outfall to New River. Capacity: 38,400 men.

(b) Montford Point Camp (Including Camp Knox): Method of disposal: Bar screens - Imhoff or separate sludge digestion tanks - sludge drying beds - post chlorination - effluent to New River. Capacity: 16,000 men.

(c) Tent Camp and Hut Camp: Method of disposal: Primary sedimentation tank - sludge digestion tank - chemical precipitation - sludge drying beds - post chlorination - effluent to New River. Capacity: 16,000 men.

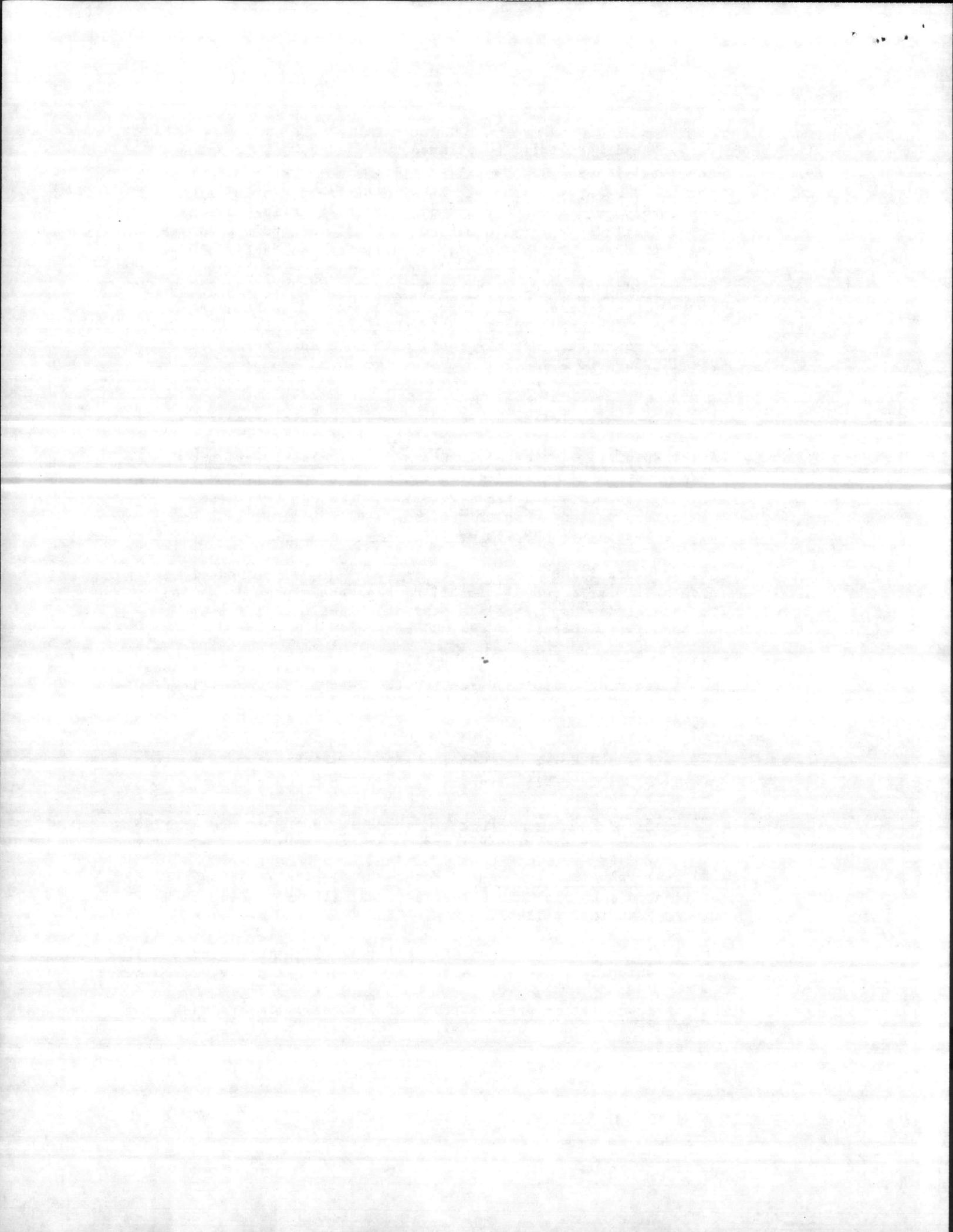
(d) Peterfield Point Hut Camp: Method of disposal: No treatment - outfall to New River.

(e) Peterfield Point Airport: Method of disposal: Septic tank - drain field along New River. Capacity: 50 men.

(f) Tank Battalion Hut Camp: Method of disposal: No treatment effluent discharging directly into small stream leading to New River. Chemical toilets in use. Capacity: 600 men.

(g) Rifle Range: Method of disposal: Imhoff tank - sludge drying beds - chlorination - effluent to New River. Capacity: 2,100 men.

(h) Balloon Barrage Area: Method of disposal: Imhoff tank - sludge drying beds - chlorination - effluent to New River. Capacity: 1,800 men.



SEWAGE DISPOSAL: (Continued)

(i) Amphibian Base: Method of disposal: Septic tank - open joint disposal field. Capacity: 50 men.

(j) Beach Area: Method of disposal: Imhoff tank - sludge drying beds - post chlorination - effluent into Intra-Coastal Waterway. Capacity: 1,800 men.

QUAY WALLS:

Four-hundred lineal feet with approximately 5 feet of water, full length. A 150-foot pier extends out at a right angle to this wall.

BREAKWATER:

None

HOUSING, BARRACKS:

Enlisted Men: 217 Permanent structures - 32,744 men. 751 Homosote Huts - 12,016 men. 40 Quonset Huts - 640 men.
Officers: 14 Bachelor Officers Quarters - 1,120 Officers.
Civilians: 100 men.

HOUSING, HOUSEKEEPING:

Officers: 203 units.
Civilians: 1042 units.

CAFETERIA:

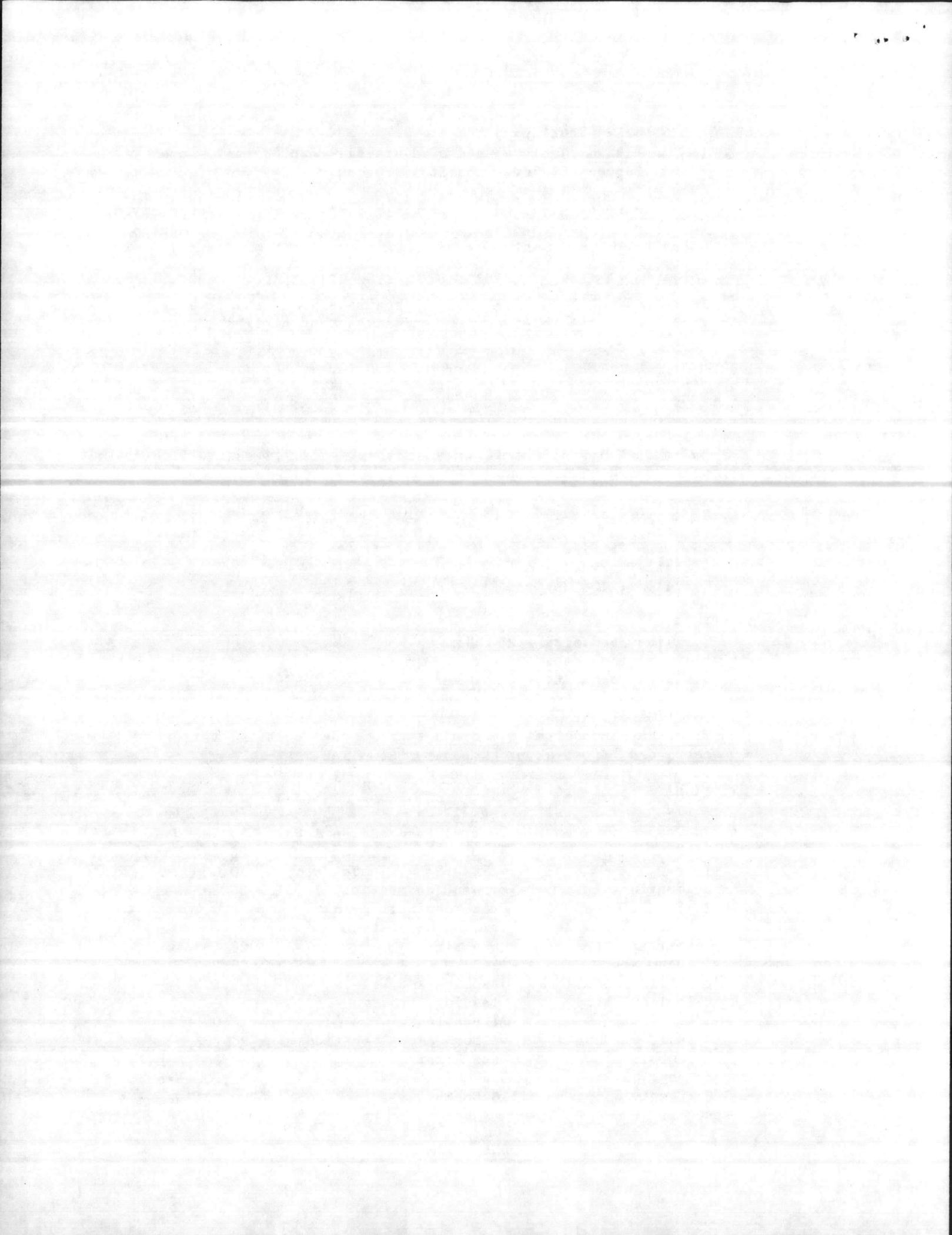
Civilian, capacity - 250 men.
Enlisted Men, capacity - 38,000 men.
Officers, capacity - 2,500 men.

SHIPS SERVICE STORE:

U. S. Naval Hospital: A small store, soda fountain, tailor shop, and barber shop. Capacity 2,500 men.

POST EXCHANGES:

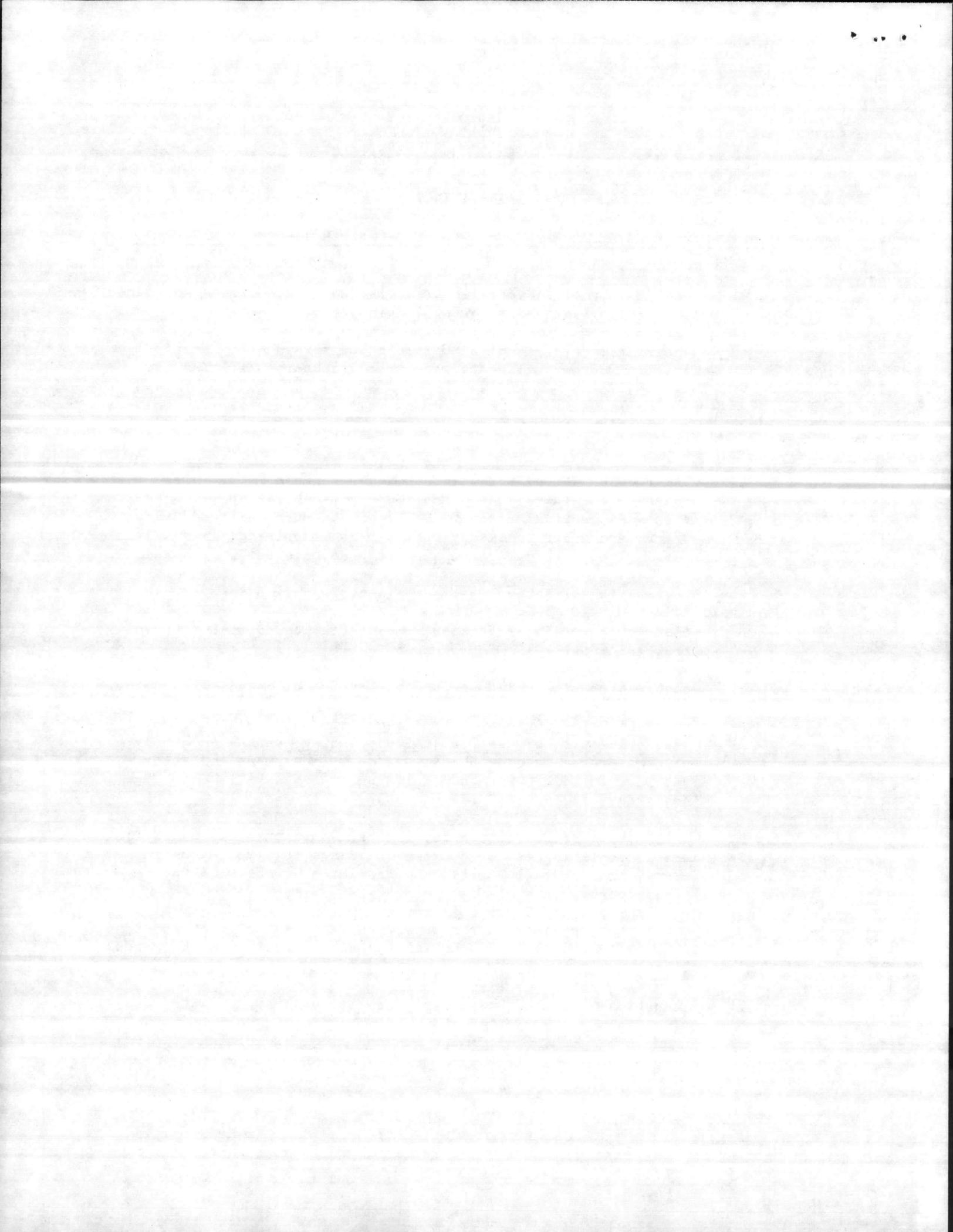
<u>Activities:</u>	<u>Facilities:</u>	<u>Available for:</u>
20 Camp Exchanges	General Merchandise & Bar	26,283 Men
2 Camp Exchanges	General Merchandise	26,283 Men
1 Bar	Soft drinks, lunch, etc.	10,000 Men
5 Service Clubs	Bar and Recreation	26,283 Men
2 Fountains	Lunch and soft drinks	2,000 Men
1 Staff NCO Club	Bar and Recreation	200 Men
16 Barber Shops	95 chairs	26,283 Men
1 Book Shop		26,283 Men
2 Filling Stations	Gasoline and Oil	1,573 Cars
3 Tailor Shops	Cleaning, Pressing Alterations.	28,000 Men
2 Uniform Shops	Uniform and Alterations	26,283 Men
1 Cobbler Shop	Shoe Repair	28,000 Men
2 Beer Halls	Bar	12,000 Men
2 Beauty Shops	16 Booths	2,201 Women



MARINE BARRACKS
CAMP LEJEUNE, NORTH CAROLINA
NAVAL DISTRICT FIVE
1 April 1947

CHANGES TO PHYSICAL PLANT, PERIOD OF 1 OCTOBER 1946 to 1 APRIL 1947.

1. Construction of 140 Married Officers Quarters, Streets and other necessary utilities at Paradise Point Area.
2. Construction of 18 Medical Officers Quarters and two Married Civilian Quarters, Streets and other necessary utilities, at Hospital Area.
3. Construction of 60,000 sq. yds. of Muster Parking and Access Areas in Division Training Area.
4. Construction of one Optical Shop, one Ordnance Shop, three Ordnance Warehouses, one Signal Supply Warehouse, two Quartermaster Warehouses, approximately 5800 ft. of Standard Railroad track, Streets and other necessary utilities at Supply and Industrial Area. Also, fire damage repairs to Warehouse building No. 1101.
5. Construction of Water Treatment Plant, Tent Camp Area.
6. Construction of Water Booster Pumping Station, Division training Area, and water wells improvement.
7. Construction of Guard House and Sentry Booth, Sneads Creek Area.
8. Construction of Engineer School Facilities at Courthouse Bay Area, consisting of one Demolition Building, one Water Supply Building, three Tractor Sheds, one Heavy Equipment and Motor Transport Building, one Shop Building, one Saw Mill, one Photogram Building, and all necessary utilities.
9. Construction of Recreation Facilities, Courthouse Bay and Rifle Range, consisting of two Storage Buildings, two Volley Ball Courts, two Handball Courts, two Badminton Courts, and two Tennis Courts.
10. Construction by Maintenance Department and Marine Corps Personnel, 40 Quonset Huts at Tent Camp, also 7 Butler Buildings at various points over the camp.
11. Alterations to Sales Commissary - additional refrigeration facilities.



CHANGES TO PHYSICAL PLANT, PERIOD OF 1 OCTOBER 1946 TO 1 APRIL 1947.
(Continued)

12. Air Conditioning of Telephone Exchange - Hadnot Point and B. O. Q. Mess.
13. Telephone System - Midway Park.
14. Construction of Athletic Field at Camp Lejeune School.
15. Asphalt surfacing of Drive and Parking Area Camp Electric Plant.

MARINE BARRACKS
CAMP LEJEUNE, NORTH CAROLINA
NAVAL DISTRICT FIVE
1 April 1947

PROPOSED CHANGES WHICH WERE APPROVED DURING PERIOD 1 OCTOBER 1946 TO
1 APRIL 1947

1. 200 yds. X 600 yds. Open Storage Area, Loading Ramp and Railroad Siding.
2. Field Medical Research - Buildings 55 and 56.
3. Maintenance Boathouse - Northeast Creek.
4. Cafeteria - Midway Park School.
5. Parking Lot - Adjacent to Building # 1710 - Supply & Industrial Area.
6. Air Conditioning - Camp Theatre.

