

PART II - CHAPTER P - COMPLETION REPORT

RECORD MAPPING DEPARTMENT
MARINE BARRACKS, NEW RIVER, N. C.

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Section P-1 Introduction

P-101 At various times the Project Manager requested instructions from the Officer in Charge concerning preparation of record drawings. Notice was received that it would be necessary to prepare record drawings and it was advised that sample drawings and specifications be prepared and submitted. A preliminary scheme and approximate scope of the work was submitted by use of a sample 1"= 50' map, Quadrangle 160 G-3, G-4 and an index map M.B. Drawing No. 1174.

These were approved by the Officer in Charge, April 12, 1942, deleting the outlying areas.

P-102 The approved system was based on the following considerations and was essentially as follows:

All horizontal surveys for the New River Reservation are based on the North Carolina System of Plane Coordinates. The entire area has been divided into rectangles 10,000 feet north and south, and 15,000 feet east and west. For the purpose of basic mapping at 500' to the inch, these rectangles fit a standard Navy drawing with just sufficient room outside the limits of the rectangle for legend, notes, etc. This layout is shown on two 1:20,000 scale maps M.B. Dwg. No. 1174 and M. B. Dwg. No. 2157. These rectangles are numbered in such a manner that the system may be extended in all directions in order that the 500' scale maps, and their numbering system, may also serve as a perpetual index of larger scale maps and other survey data.

For the purpose of Record Mapping of utilities, the quadrangles were subdivided further into four rectangles, to scale of 1"= 50', covering an area 1000 ft. north and south, by 1500 ft. east and west, and fitting a standard Navy sheet. These rectangles are identified in each next larger rectangle by a system of numbering, starting with No. 1 in the upper right hand corner and

Received of the Treasurer of the City of Baltimore
the sum of \$100.00 for the purchase of
City of Baltimore Bonds for the year 1918
and the same is hereby acknowledged.

BALTIMORE BOND

Witness my hand and the seal of the City of Baltimore
this 1st day of October 1918.

Mayor of Baltimore

running clock-wise up to and including No. 4. This method furnished an easy access to maps filed by quadrangle number.

Elevations shown are referred to mean sea level.

P- 1.03 To carry out this plan a record mapping department was created. From a letter of March 28, 1942, to Engineers, Contract NOy-4751, Subject: Record Dwgs. "It is not intended that an additional force of workmen be employed for this purpose, but that a portion of your present force will be used, as available", signed, Madison Nichols, Officer In Charge. These instructions were carried out and men were transferred, either permanently or temporarily, from other departments. The average force in this department was 3 men.

215VLMH05E BOND

Section P-2 Sources of information

Section P-2.0 In view of the fact that all construction inspection was under the supervision of the Navy, we were entirely dependent upon their records for "as-built" data. This method is not the most desirable and caused considerable delay before a steady flow of information could be established. Wherever possible, the Navy notes were used as a check as well as a source of information. They served also to show where construction differed from plan; and in all cases, the work was mapped according to the "as-built" information furnished. Our own survey field notes furnished a large amount of the control for the maps, but the field work done by this organization solely for the purpose of record mapping was kept to a minimum. Where as-built field notes were not available the work was plotted as shown on the plan and verified as far as possible by a field inspection before the map was inked. ^{actual locations} Where ~~larger scale maps~~ were not on hand,

shore lines were transferred ~~graphically from sheets 5049 and 5050.~~

from U. S. Coast and Geodetic Survey

Compilation of Aerial Photographs, *Sheets 5049 and 5050*

~~Photographs by: U. S. Army Air Corps~~

~~Compilation by: U. S. Coast and Geodetic Survey~~

~~State: North Carolina~~

~~General locality: Atlantic Coast~~

~~Locality: New River and Alligator Bay to Bear Inlet~~

~~Time and date of photographs:~~

10:30 a. m., 1:30 p.m. January 29, 1933

Scale: 1:20,000 1"= 1666.67 feet

Frequent reference was also made to U.S.C. & G.S. ^{Chart #} ~~Quadrangle~~ 777 particularly during sweeping and dredging operations in New River and Courthouse Bay.

All channels, markers and lights, ^{located} have been shown on 1"= 500' maps.

A valuable source of information during the entire job was the aerial mosaic

entitled:

Jacksonville, North Carolina

Pilot Mears, H. F. N.A.P.

Photo Edgett, M.M. P 1/c

Baran, A. P 1/c

Date: February 12, 1941

F.L. 81/4 F.56

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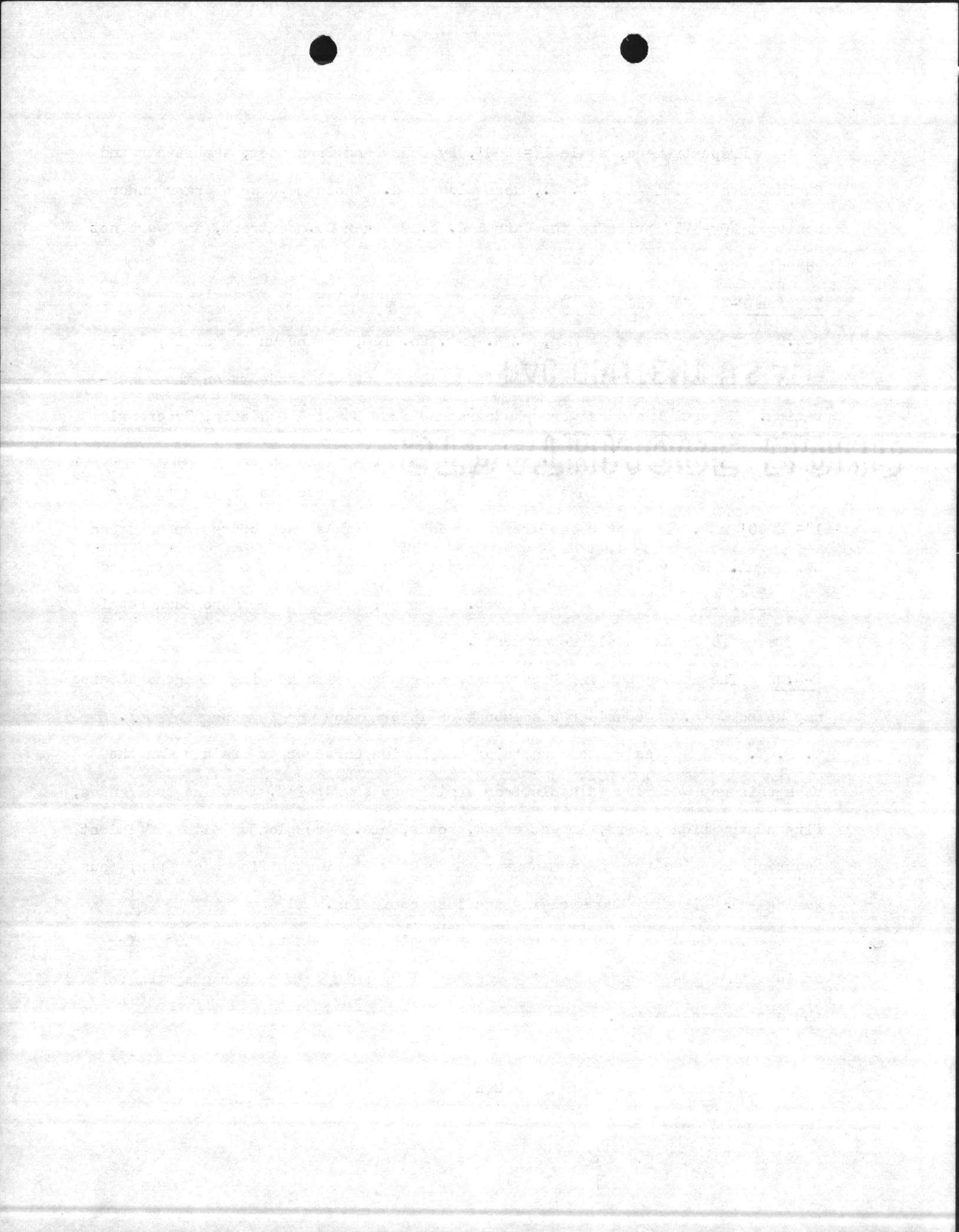
Property maps, scale 1"= 660', by Boney and Broadfoot, Architects and Engineers at Wilmington, N. C., were also used. These maps were drawn under contract NOy-4717 prior to the Carr & J. E. Greiner Co. contract, and were not coordinated.

Section P-3 General Area Map

P-3.01 The General Area Map, M. B. Dwg. No. 138, was begun August 15, 1941 with the intent of furnishing a unified picture of all projects on the reservation. Natural features were ^{pantographed} photographed from Coast & Geodetic ^{photographic} Quadrangle 777 and aerial ^{photographic} compilations previously referred to. Site plans frequently were reduced in scale by the same method prior to tracing on this 1"= 2000' map. In many cases ^{buildings & roads} areas were shown on this map before construction had begun. Naturally, ^{there} ~~these~~ are inaccuracies in scale in a map so constructed and this fact was recorded on the map. However, its cost was more than repaid by its usefulness to all departments.

P-3.02 The Record Mapping Department was charged with keeping the general area map up to date. A considerable amount of information was furnished by Col. W. P. T. Hill and as various units of the Marine Corps began training on the base this map was very valuable from a military standpoint. Machine gun ranges, fire observation towers, impact areas, roads, etc. were plotted with sufficient accuracy to guide troops on maneuvers and quickly orient officers and men, thus saving valuable time and avoiding needless confusion.

The Quadrangle numbering system is also shown on this map thus tying it in with all subsequent mapping work and furnishing a key to the system for the entire reservation.



~~Section P-4~~

Section P-4

EXTRACTS FROM ~~SPECIFICATIONS~~

Not all capital letters.

~~FROM~~ SPECIFICATION NO. 1000 titled:

"SPECIFICATIONS FOR THE PREPARATION OF RECORD DRAWINGS"

MARINE BARRACKS

NEW RIVER, NORTH CAROLINA

P-401. 3. PREPARATION & GENERAL STYLE OF DRAWINGS

Drawings generally will be divided into two groups as follows:

(a) Original Drawings: Original drawings shall be made on the best quality of white paper with muslin backing.

(b) Linen Tracings: Linen tracings shall be made on the best quality linen tracing cloth.

Unnecessary work shall be avoided. Simplicity shall be practiced in every detail in inking tracing; lines shall never be shaded; lettering shall be plain and simple, and shall be limited to the amount required for clarity in reading the drawings. Ornateness in rendering borders or other figures will not be permitted; standard north points, symbol, and title blocks shall be used.

4. SIZES OF DRAWINGS:

(a) Original drawings on muslin backed paper shall be $33\frac{1}{2}$ " x $45\frac{1}{2}$ " overall.

(b) Linen tracings shall be 29" x 35", overall.

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100% CONTENT U.S.A.

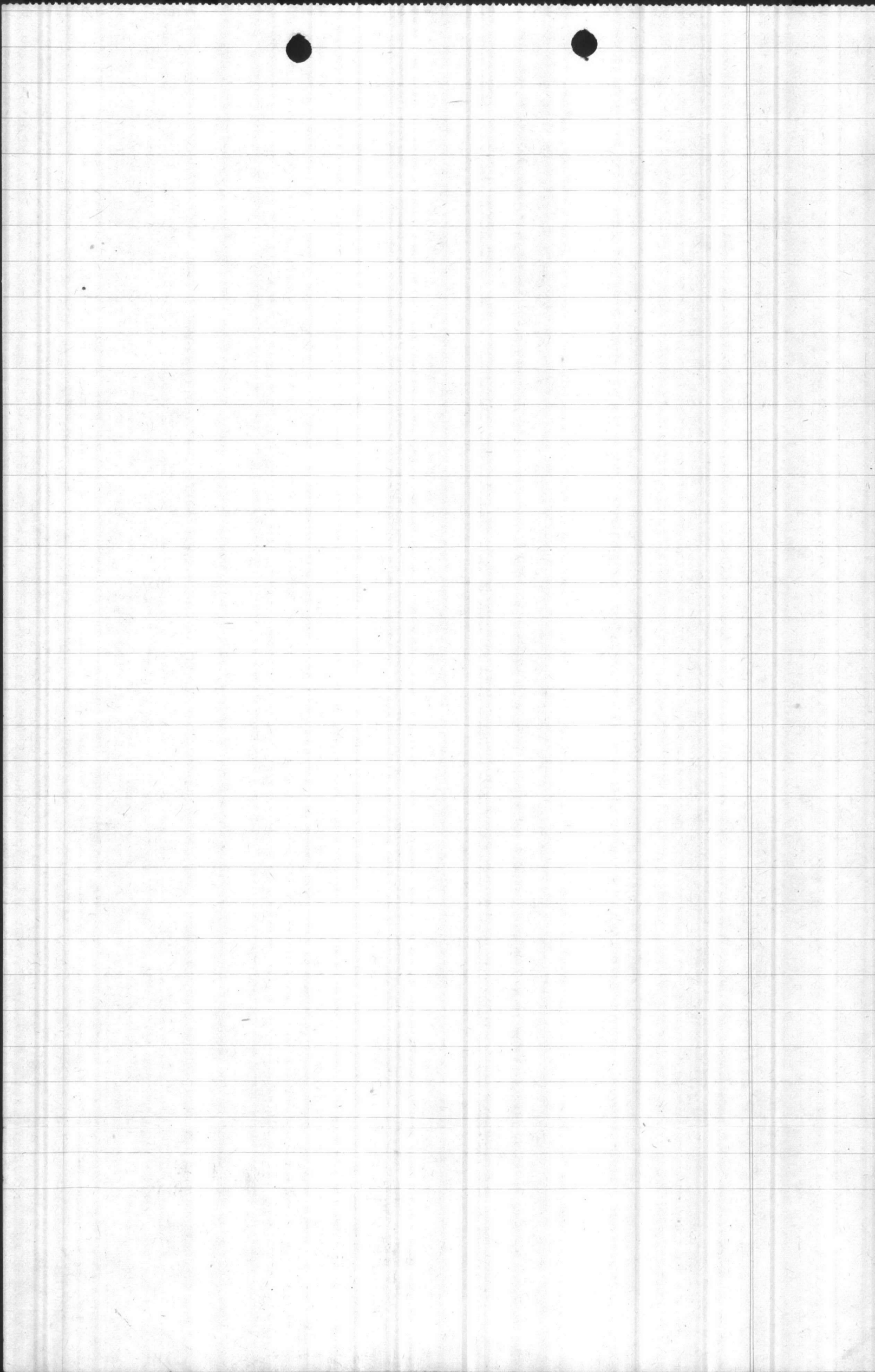
Section P-5 1" = 500' scale maps

P-5.01

TABULATION OF 1" = 500' MAPS

ORIGINAL DWG.		TRACING	
QUADRANGLE NO.	Y. & D. NO.	P.W. NO.	
98 ✓	228, 331	1 ✓	
118	228, 334	4 ✓	
Double space → 99 ✓	228, 332	2 ✓	
" " → 119	228, 335	5 ✓	
100 ✓	228, 333	3 ✓	
120	228, 336	6 ✓	
" " → 101 x	—	—	
121 x	228, 412	76	
102	—	—	
122 x	228, 413	77	
137 x	228, 408	72	
157 x	228, 350	20	
138	—	—	
158 x	228, 419	81	
139 ✓	228, 337	7 ✓	
159	228, 339	9 ✓	
140 ✓	228, 338	8 ✓	
160	228, 340	10 ✓	
142 x	228, 409	73	
162 x	228, 410	74	
177	228, 400	70 ✓	
197 x	228, 401	71 ✓	
178 ✓	—	—	
198	228, 344	14 ✓	
179 ✓	228, 341	11 ✓	
199	228, 345	15 ✓	
180 ✓	228, 342	12 ✓	
200	228, 411	75	
181 ✓	228, 343	13 ✓	
201	228, 355	25 ✓ ✓	
182 x	228, 414	78	
202 x	228, 415	79	
217 ✓	228, 346	16 ✓	
237	—	—	
218 ✓	228, 347	17 ✓	
238	—	—	
219 ✓	228, 348	18 ✓	
239	—	—	
220 ✓	228, 349	19 ✓	
240	—	—	
221	228, 416	80	
241	—	—	
Total 42		Total 33	

6r



P-502 The original drawing of 1"= 500' covers an area 20,000 north and south by 15,000 east and west, and contains the following data:

- Building outline
- Building numbering plan *approved*
- Road right-of-way lines and names
- Railroads
- Natural features
- Triangulation net
- New River channel, markers, and lights

Accurate control was established for all 1"= 500' maps by means of triangulation and by coordinated traverses. Monuments set on the Reservation Boundary or in areas not covered by 1"= 50' maps were plotted accurately and coordinates tabulated. Certain boundary line courses and distances also were shown.

P-503 After the basic 500' scale maps were completed several reproductions were made on ~~tracing cloth~~ ^{which} and the various departments ^{may} plotted their main utility layouts, resulting in small scale planning and operating maps, showing respectively the various utilities. The utilities ^{to be} ~~are~~ mapped and P.W. Nos. assigned were as follows:

UTILITY	SUFFIX TO P.W. NO.
Electrical Distribution	E
Heating, Mains and Plants	H
Street lighting, circuits	L
Sewerage Systems	S
Communications lines	T
Water Collection and Distribution	W
Propane Gas	G

(Thus a sewerage map drawn on a reproduction of P.W. Dwg. No. 10 would be numbered P.W.10-S)

Planning & operating maps
[^] ~~Key Maps~~ Prepared are as follows:

P. W. NO.	QUADRANGLE NO.	^{TO BE} UTILITIES MAPPED
1	98	E, H, L, S, T, W,
3	100	W
4	118	E, T, W
5	119	E, L, S, T, W
✓ 6	120	E, S, W
7	139	E, L, S, T, W
8	140	E, H, S, T, W
9	159	W

21151 WYOMING BOND

<u>P.W. NO.</u>	<u>QUAD. NO.</u>	<u>UTILITIES MAPPED</u>
10	160	E, G, H, L, S, T, W
17	218	E, T
18	159	W

Section P-6

P-601 1"= 50' scale Maps

This phase of the work was by far the most extensive. The original authorization of this project, as instructed by the Officer in Charge, on M.B. Dwg. No. 1174, April 1942, included only the Main Division Area, Industrial Area, and Tent Camps, ^{This} but was ~~later~~ expanded (August 25, 1942) by the Officer in Charge, to twice the original assignment thus including the following areas: Amphibian Base, Tent Camp, Rifle Range, Mumford Point Tent Camp, and Officers Quarters Area.

P-602 The 50' scale maps constitute the basic final record of utilities and show the following data:

- Outlines of buildings and other structures
- Culverts and invert elevations
- Bridges
- Water Mains, including valves, fire hydrants, tanks, etc.
- As-built elevations where such information was available
- Sewers
- Gas lines
- Steam lines
- Pole lines
- Underground electric and communication lines
- Gasoline and fuel oil lines and pumps
- Permanent coordinated monuments and triangulation stations
- Bench Marks
- Areaways and pits
- Wells
- Storm drains
- Railroad tracks, roads and sidewalks

P-603 A color scheme was selected to comply as closely with Bureau of Yards and Docks standard for operating maps as possible, diverging only where it was ^{not} apparent that the standard color would not furnish satisfactory photostatic reproduction. The final scheme as set forth in Specification No. 1000, Addendum No. 1 is as follows:

THE AMERICAN SOCIETY FOR THE IMPROVEMENT OF THE LIVING CONDITIONS OF THE PEOPLE

... of the ... and ...

... of the ...

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... of the ...

Fresh Water
 Salt Water
 Steam Mains
 Sewers
 Propane Gas
 Fuel Oil
 Gasoline
 Electrical lines
 Communications
 Paved Roads and Sidewalks

Blue
 Green
 Orange
 Black
 Carmine
 Carmine
 violet
 Scarlet
 Brown
 Gray

P-604

TABULATION OF ~~THE~~ 1" = 50' SCALE MAPS

AREA	QUADRANGLE
Mumford Point Tent Camp	99 U-1 _x & U-2 U-3 _x & U-4
Amphibian Base Tent Camp	119 A-3 _x & A-4
Residential Area	118 H-1 _x H-2 119 L-3 _x L-4 Q-1 _x Q-2, Q-3 _x Q-4 R-1 _x R-2, R-3 _x R-4, S-1 _x S-2, S-3 _x S-4 W-1 _x W-2, X-1 _x X-2 X-3 _x X-4 139 D-1 _x D-2, E-3 _x E-4, J-3 _x J-4 O-1 _x O-2 O-3 _x O-4 T-1 _x T-2, T-3 _x T-4
Rifle Range	198 Q-1 _x Q-2, Q-3 _x Q-4 V-1 _x V-2, V-3 _x V-4 W-3 _x W-4 218 B-3 _x B-4
Balloon Barrage & Amphibian Base	219 D-1 _x D-2, E-1 _x E-2 E-3 _x E-4 J-1 _x J-2 J-3 _x J-4, I-1 _x I-2 O-1 _x O-2 O-3 _x O-4

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TABULATION OF THE 1"= 50' SCALE MAPS (Cont'd)

AREA	QUADRANGLE
	220 F-3, F-4 K-3, K-4
Tent Camps 1 & 2	98 K-1, K-2, <i>double space</i> K-3, K-4 P-1, P-2 P-3, P-4 Q-3, Q-4 V-1, V-2 U-1 & U-2 ✓ V-3, V-4 U-3 & U-4 ✓
Industrial Area Hospital Area	118 A-1, A-2 A-3, A-4 <i>double space</i>
	140-139 W-1, W-2 W-3, W-4
	160 C-1, C-2, C-3, C-4 B-1, B-2 G-1, G-2 H-3, H-4 " "
Regimental Area	140 P-3, P-4 U-1, U-2 U-1 & U-2 ✓ U-3, U-4 U-3 & U-4 ✓
	159 E-1, E-2
	160 A-1, A-2 A-3, A-4 B-3, B-4 F-1, F-2 F-3, F-4 G-3, G-4 K-1, K-2 K-3, K-4 L-1, L-2 L-3, L-4 M-3, M-4 Q-1, Q-2 Q-3, Q-4 V-1, V-2 " "
Parachute Buildings	140 R-3, R-4
Landing Field	118 R-1, R-2, " " R-3, R-4 S-3, S-4 " "
Hospital Area	139 X-1 & X-2 X-3 & X-4 Y-1 & Y-2 Y-3 & Y-4

Total: 79



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PHYSICS DEPARTMENT

1941

EXHIBIT

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Section P-8

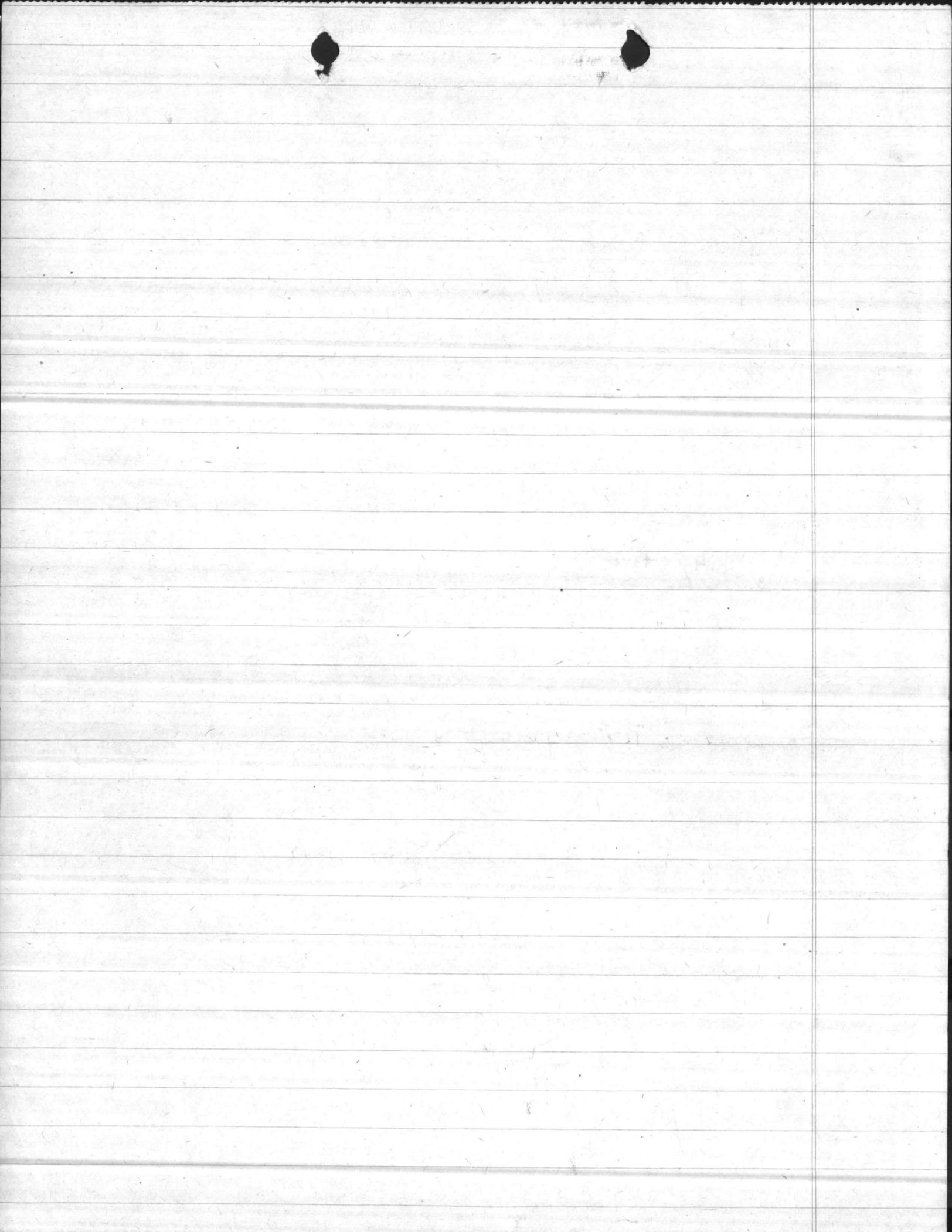
P-8.01 Summary

To summarize briefly, there were completed, with due regard to status of construction and information available, the following:

1. One General Area Map tracing, $1" = 2000'$ (See Sect. P-3)
2. Twenty one hard copy drawings, each covering two $10,000' \times 15,000'$ quadrangles, scale $1" = 500'$
(See tabulation Sect. P-4)

3. ~~Twenty three~~ ^{Thirty-three} tracings, each covering one $10,000' \times 15,000'$ quadrangle, scale $1" = 500'$
(See tabulation Sect. P-6)

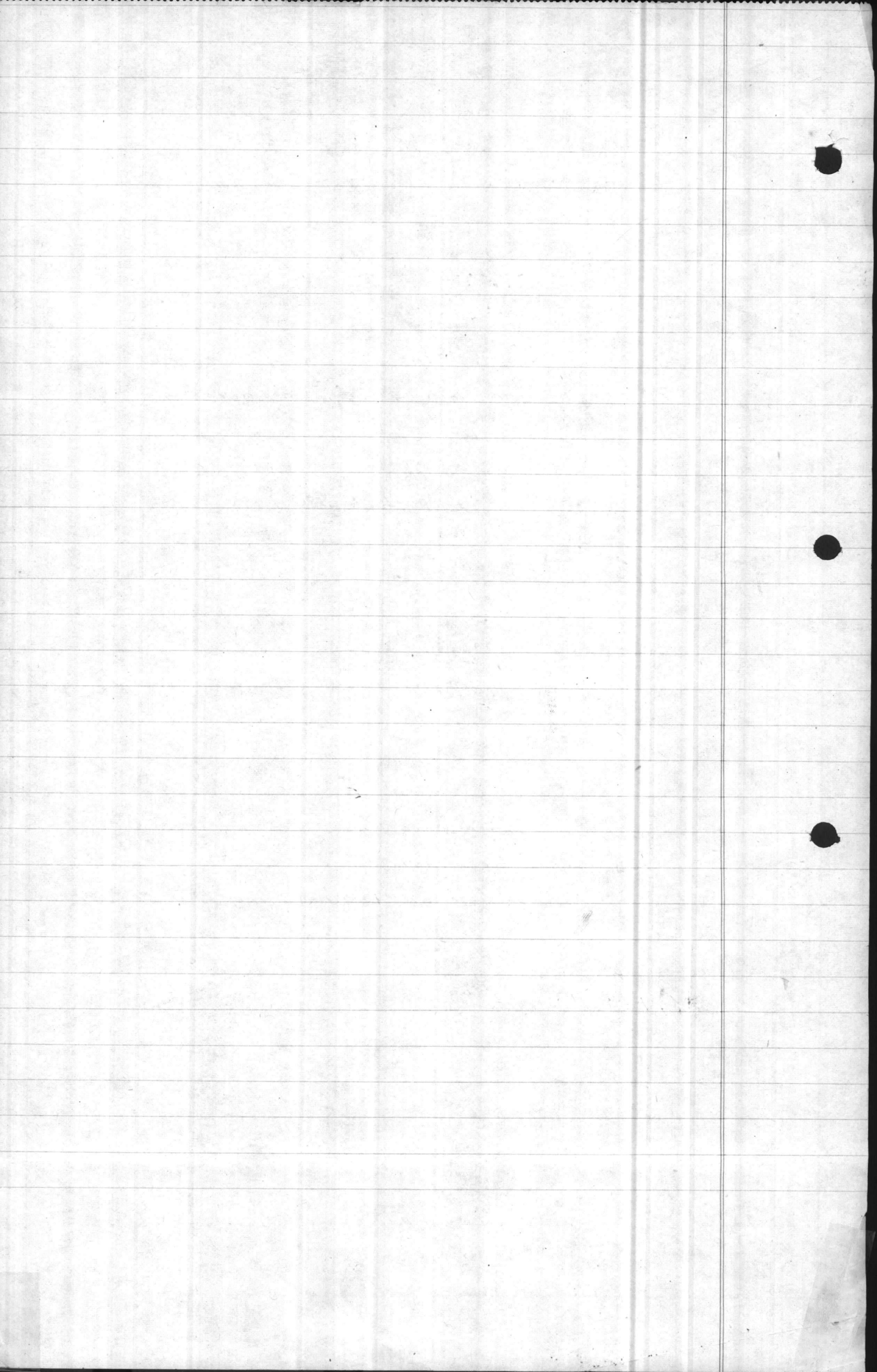
4. Seventy nine hard copy drawings, each covering two $1000' \times 1500'$ quadrangles
(See tabulation Sect P-6)

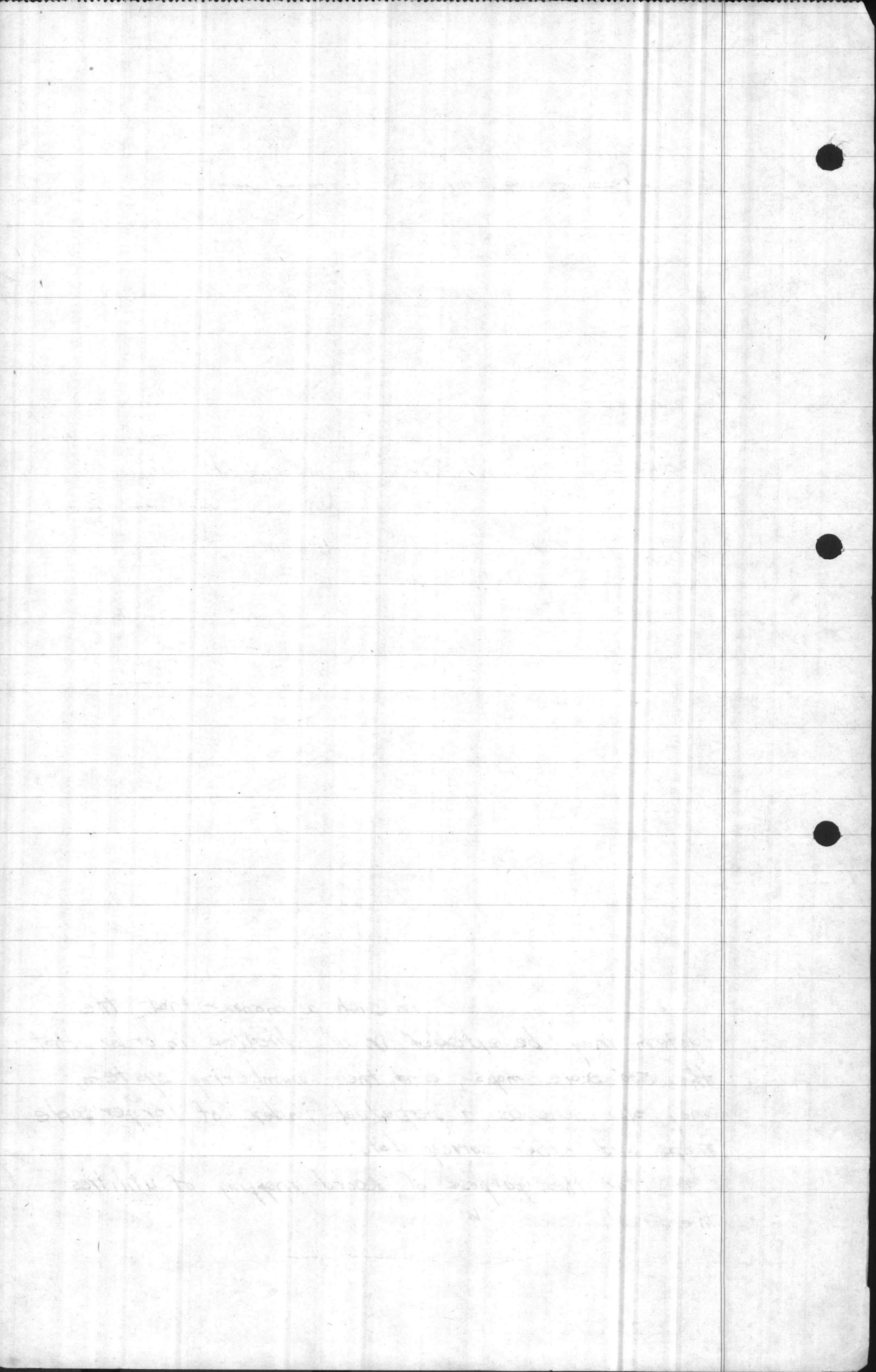


Part II Chapter P - Completion Report
Record Mapping
Marine Barracks, New River, N.C.

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 - 301 Intent & drafting method
 - 302 Utility
 6. Sect. P-5 1" = 500' Scale Maps
 - 501 Tabulation
 - 502 Gen. description
 - 503 Key Maps
 8. Sect. P-6 1" = 50' Scale Maps.
 - 601 Area covered
 - 602 Information Plotted
 - 603 Color scheme
 - 604 Tabulation of 1" = 50' maps
 15. Sect. P-4 Extracts from Specifications
 - 401 Preparation & general style of drawings
 13. Sect. P-7 Symbols
 - 8" x 11" linen (bound on left)
 14. Sect. P-8 Summary
 - 801 Final status
 - 802 Total No. maps





identified in each next larger rectangle by a system of numbering, starting with No. 1. in the upper right hand corner and running clock-wise up to and including No. 4. This method furnishes an easy access to maps filed by quadrangle number.

Elevations shown are referred to Mean Sea Level.

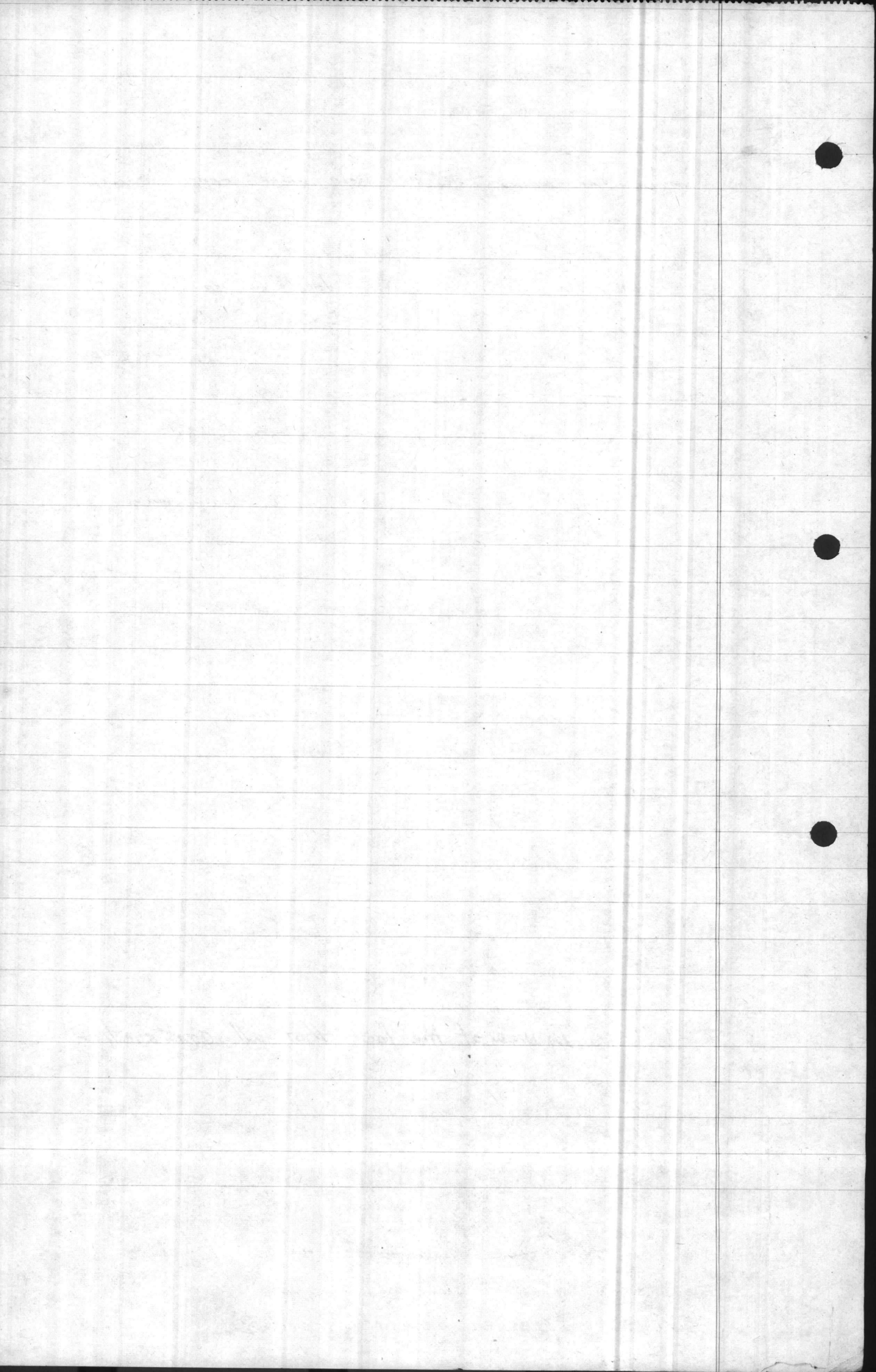
103 To carry out this plan a Record Mapping Department was created.

From a letter of March 28, '42 to Engineers, Contract. NOy-4751, subject: Record Dugs.

"It is not intended that an additional force of workmen be employed for this purpose, but that a portion of your present force will be used, as available.", signed by Madison Nichols, Officer in Charge. These instructions were carried out and men were transferred either permanently or temporarily from other departments. The average force in this department was 3 men.

Section P-2

P-201 In view of the fact that all construction inspection was under the supervision of the Navy we were entirely dependent upon their records for "as built" data. This method is not the most desirable and caused considerable delay before a steady flow of information could be established. Whenever possible the Navy notes were used as a check as well as a source of information. They served also to show where construction differed from plan & in all



according to the "as-built" info furnished ^③

cases the work was mapped, ^{"as-built"} ~~as-built~~. Our own survey field notes furnished a large amount of the control ~~information~~ ^{for} the maps, but the field work done by this organization solely for the purpose of record mapping was kept to a minimum. Where ^{as-built} field notes were not available the work was plotted as shown on the plan and verified ^{in ~~field~~ positions} by a field inspection before the map was inked. shore lines were transferred graphically

From sheets 5049 & 5050
U.S. Coast & Geodetic Survey

Compilation of Aerial Photographs

Photographs by U.S. Army Air Corps

Compilation by U.S. Coast & Geodetic Survey

State: North Carolina

Gen. Locality: Atlantic Coast

Locality: New River & Alligator Bay to Bear Inlet

Time & date of photographs

10:30 am. - 1:30 pm. Jan 29, 1933

Scale 1:20,000 1" = 1666.67 feet.

Frequent reference was also made to U.S.C. & G.S. quad. 777 particularly during sweeping and dredging operations in New River and Courthouse Bay. All channels, markers and lights have been shown on 1" = 500' maps.

A valuable source of information during the entire job was the aerial mosaic titled:

Jacksonville, N.C.

Pilot Meare, H.F. N.A.P.

Photo Edgett, M.M. P 1/2

Baran, A. P 1/2

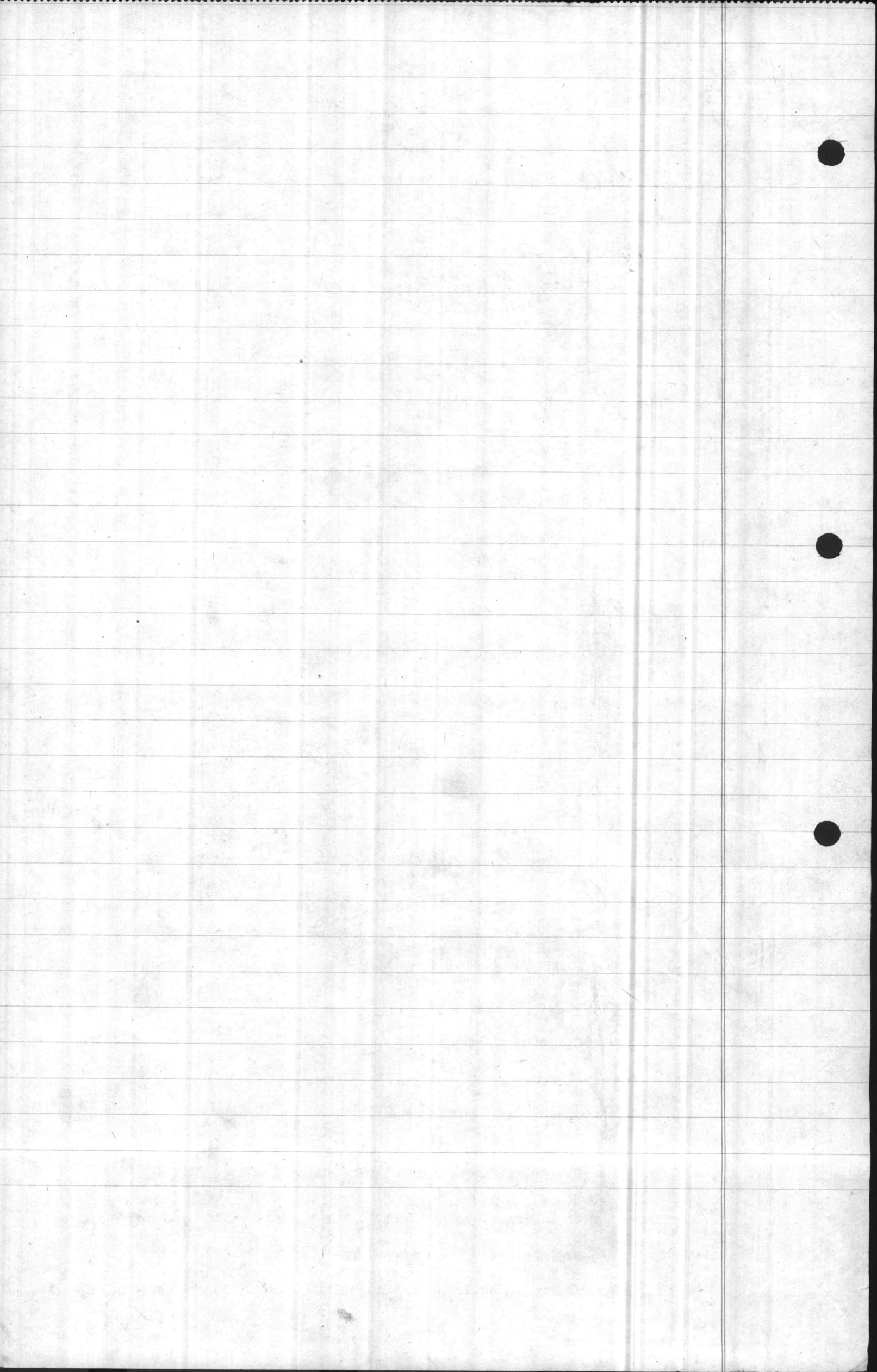
Date 2/12/41

F.L. 8 1/4 F. 56

Property maps, scale 1" = 660', by Boney & Broadfoot, architects & engineers of Wilmington N.C., were also used.

These maps were drawn under contract NOy 4717 prior to the Carr & J.E. Greiner Co. contract, and were not coordinated.

When larger scale maps were not on hand

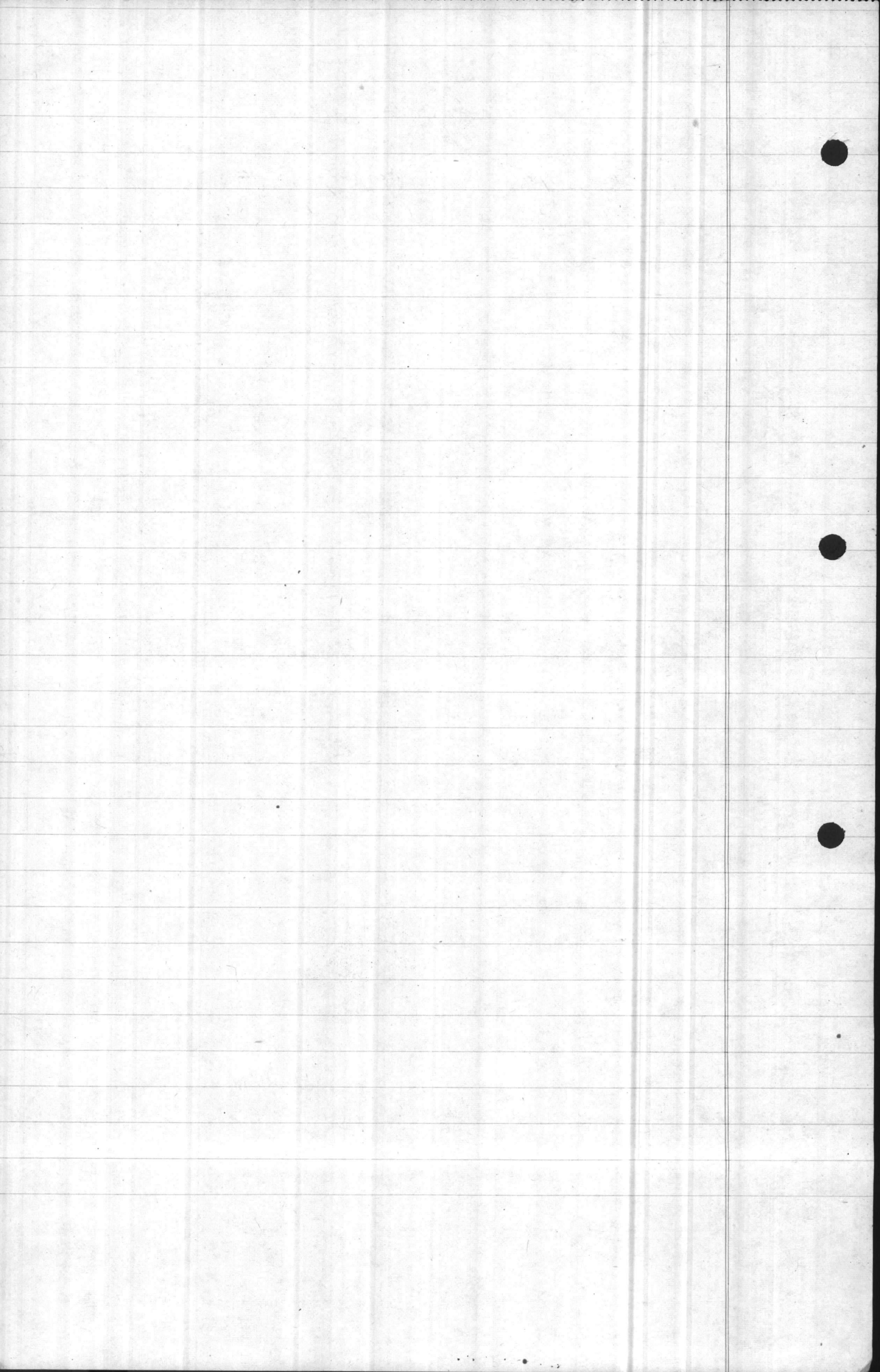


Section P-3

P-301 The General Area Map, M.B. dwg. No 138 was begun Aug 15, 1941, with the intent of furnishing a unified picture of all projects on the reservation. Natural features were photographed from Coast & Geodetic quadrangle 777 and aerial photographic compilations previously referred to. Site plans (were frequently) reduced in scale by the same method prior to tracing on this 1" = 2000' map. In many cases areas were shown on this map before construction had begun. Naturally there are inaccuracies in scale in a map so constructed and this fact was recorded on the map. However, its cost was more than repaid by its usefulness to all departments.

P-302 The Record Mapping Department ^{was} ~~took~~ charge of ~~it~~ with keeping the general area map up to date. A considerable amount of information was furnished by Col. ^{W.P.T.} Hill and as various units of the Marine Corps began training on the base this map was very valuable from a military standpoint. Machine gun ranges, fire observation towers, impact areas, roads etc. ~~are~~ were plotted on the map with sufficient accuracy to guide troops on maneuvers and quickly orient officers and men, thus saving valuable time and avoiding needless confusion.

P-303 The Quadrangle numbering system is also shown on this map thus tying it in with all subsequent mapping work and furnishing a key to the system for the entire reservation.



Section P-4

Extracts from Specifications

From Specification No 1000 titled:

"Specifications for the Preparation of Record Drawings"

Marine Barracks

New River, North Carolina

P-401 3. PREPARATION & GENERAL STYLE OF DRAWINGS

Drawings generally will be divided into two groups as follows:

(a) Original Drawings: Original drawings shall be made on the best quality of white paper with muslin backing.

(b) Linen Tracings: Linen tracings shall be made on the best quality linen tracing cloth.

Unnecessary work shall be avoided.

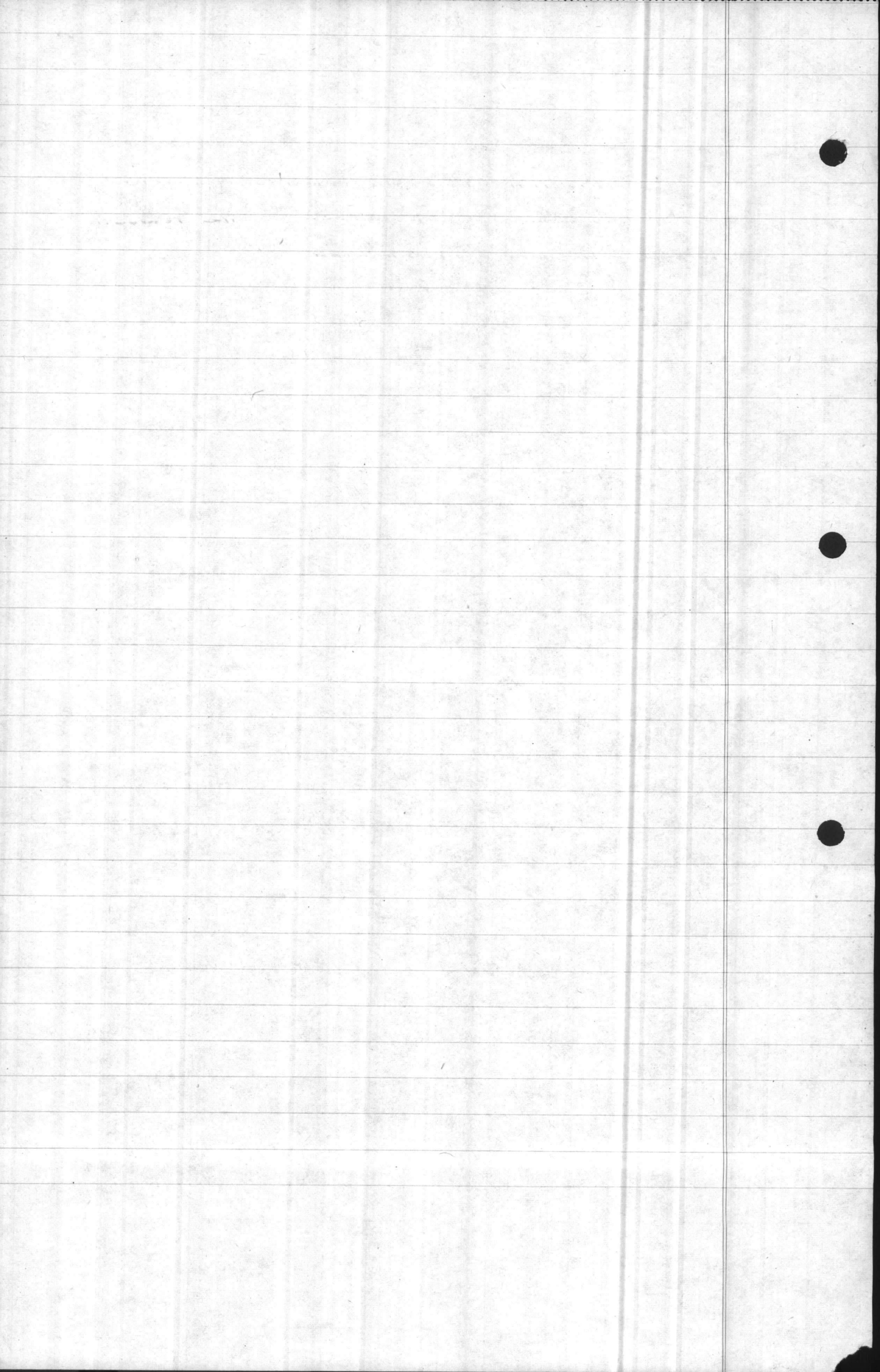
.... Simplicity shall be practiced in every detail in inking tracing; lines shall never be shaded; lettering shall be plain & simple, and shall be limited to the amount required for clarity in reading the drawings.

Ornateness in rendering borders or other figures will not be permitted; standard north points, symbol, and title blocks shall be used.

4. SIZES OF DRAWINGS

(a) Original drawings on muslin backed paper shall be 33 1/2 x 45 1/2 overall.

(b) Linen tracings shall be 29" x 35", overall

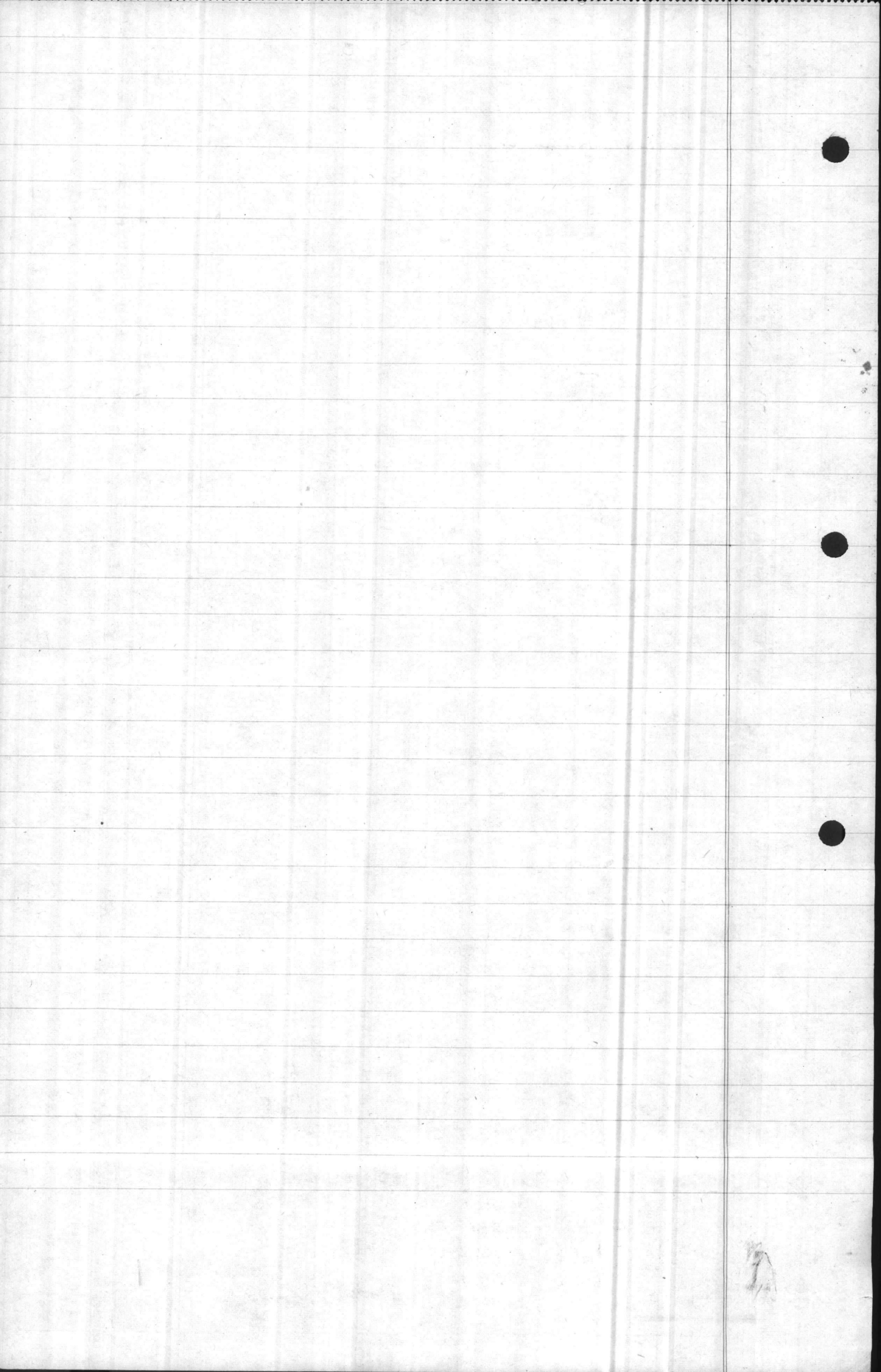


Section P-5

6

P-501: The following ^{Quadrangles} ~~areas~~ were authorized to be mapped ~~and tracings made~~ at a scale of 1"=500'

Quadrangle No.	Tracing		Remarks
	Y & D. No.	P.W. No.	
98	228, 331	1	✓
99	228, 332	2	✓
100	228, 333	3	✓
118	228, 334	4	✓
119	228, 335	5	✓
120	228, 336	6	✓
139	228, 337	7	✓
140	228, 338	8	✓
159	228, 339	9	✓
160	228, 340	10	✓
179	228, 341	11	✓
180	228, 342	12	✓
181	228, 343	13	✓
198	228, 344	14	✓
199	228, 345	15	✓
217	228, 346	16	✓
218	228, 347	17	✓
219	228, 348	18	✓
220	228, 349	19	✓
157	228, 350	20	Not traced 11/22/42
201	228, 355	25	✓
177	228, 400	70	✓
197	228, 401	71	✓
137	228, 408	72	Not traced 11/23/42
142	228, 409	73	" " "
162	228, 410	74	" " "



Expand?

P-502 Accurate control was established for all 1"=500' maps by means of triangulation ~~lines~~ and by coordinated traverses. Monuments set on the reservation boundary or in areas not covered by 1"=50' maps were plotted accurately & coordinates tabulated. Certain boundary line courses and distances (were also) shown. (See pg. 14 for addition to beginning of this ppg.)

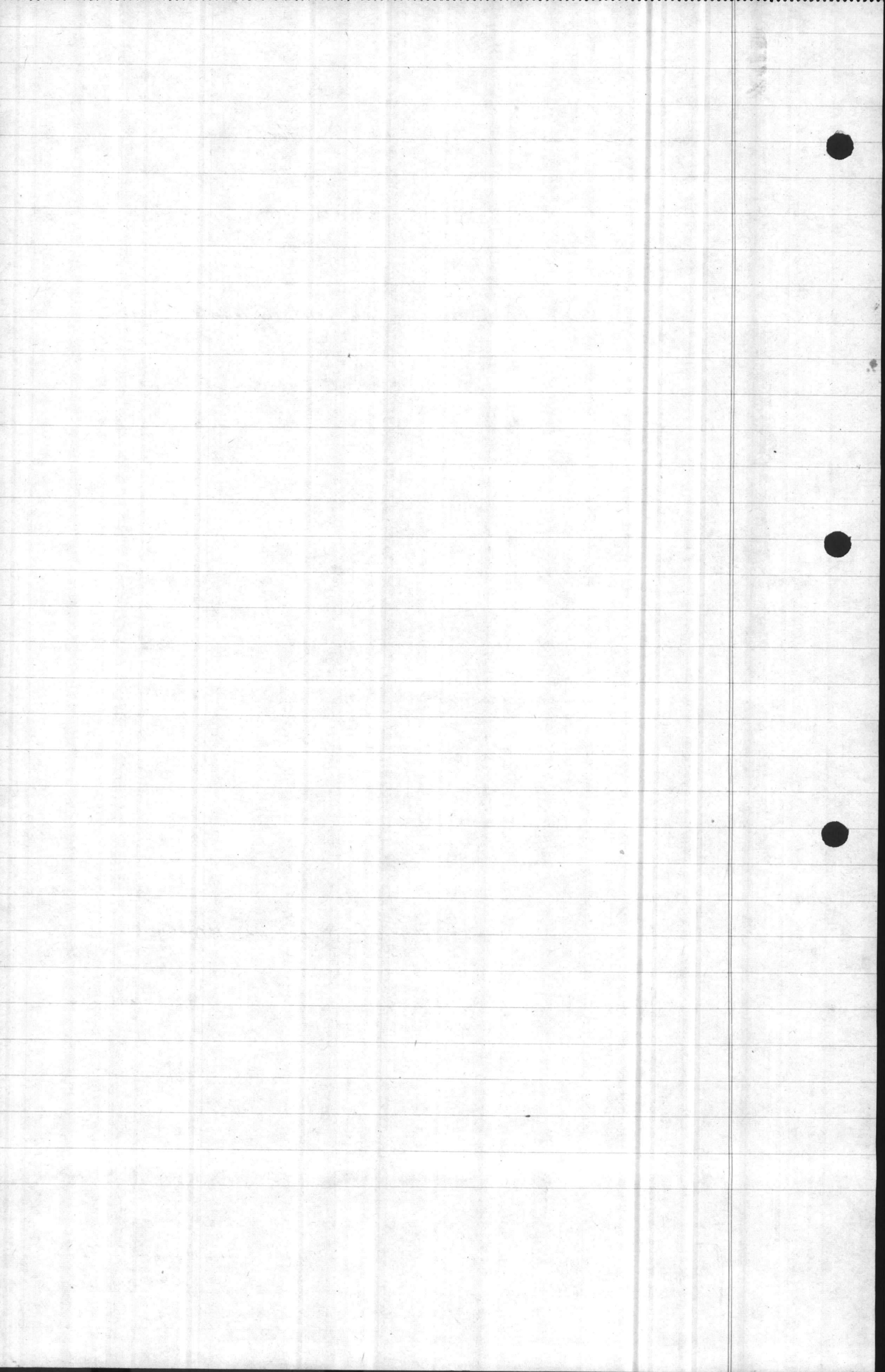
P-503 After the basic 500' scale maps were completed several reproductions were made on tracing cloth and the various departments ~~obtained them~~ plotted their main utility layouts, resulting in small scale planning and operating maps showing respectively the ~~distributing systems of~~ the various utilities. The utilities so mapped and P.W. Nos. assigned were as follows:

Utility	P.W. No.	Suffix to
Electrical Distb.		E
Heating, Mains & Plants		H
Street Lighting, Circuits		L
Sewerage Sewage Systems		S
Communications Lines		T
Water Collection & Distribution		W
Propane Gas		G

(Thus a sewerage map drawn on a reproduction of P.W. Div. no 10 would be numbered P.W. 10-S)

Key maps prepared:

P.W. No.	Quad. No.	Utilities mapped
1	98	E, H, L, S, T, W
4	118	E, T, W
3	100	W
5	119	E, L, S, T, W
6	120	E, S, W
7	139	E, L, S, T, W
8	140	E, H, S, T, W
9	159	W
10	160	E, G, H, L, S, T, W
17	218	E, T



Section P-6

P-601 (See page 9)

P-602 The 50' scale maps constitute the basic final record of utilities and show the following data:

Outlines of buildings and other structures

Culverts and invert elevations

Bridges

Water Mains, including valves, fire hydrants, tanks, etc.

As built elevations where such info. was available

Sewers

Gas lines

Steam lines

Pole lines

Underground electric & communication lines

Gasoline & fuel oil lines & pumps.

Permanent coordinated monuments and Δ sta.

Bench Marks

Arcaways and pits

Wells

Storm drains

Railroad tracks, roads & sidewalks

P-603 A color scheme was selected to comply as closely with Bureau of Yards & Docks standard for operating maps as possible, diverging only where it was apparent that the standard color would not furnish satisfactory photostatic reproduction. The final scheme as set forth in Specification No. 1000 addendum No. 1 is as follows

Fresh Water - Blue

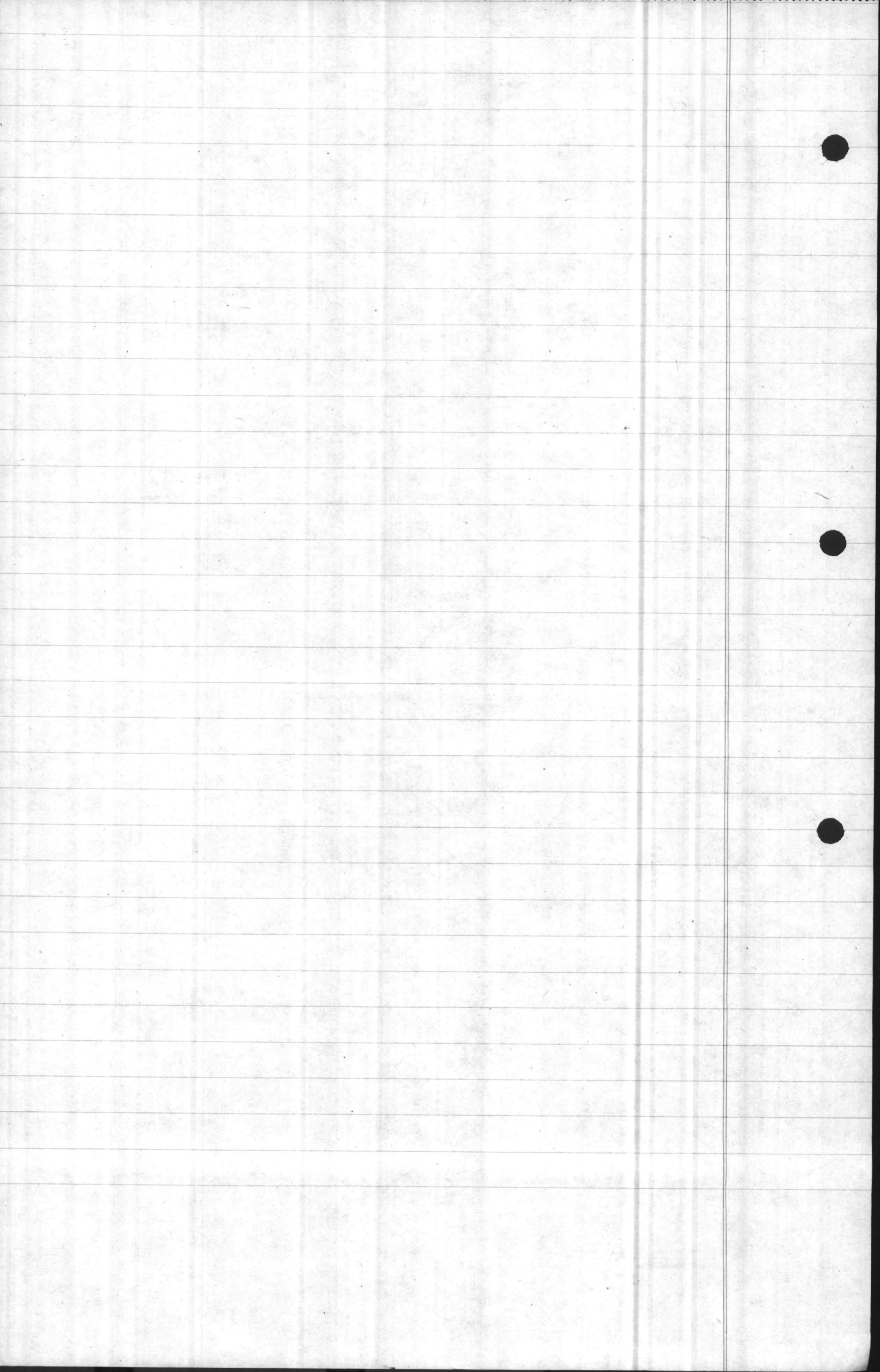
Salt Water - Green

Steam Mains - Orange

Sewers - Black

Propane Gas - Carmine

Fuel Oil - Carmine



P-403 (continued)

Gasoline - Violet

Elect lines - Scarlet

Communications - Brown

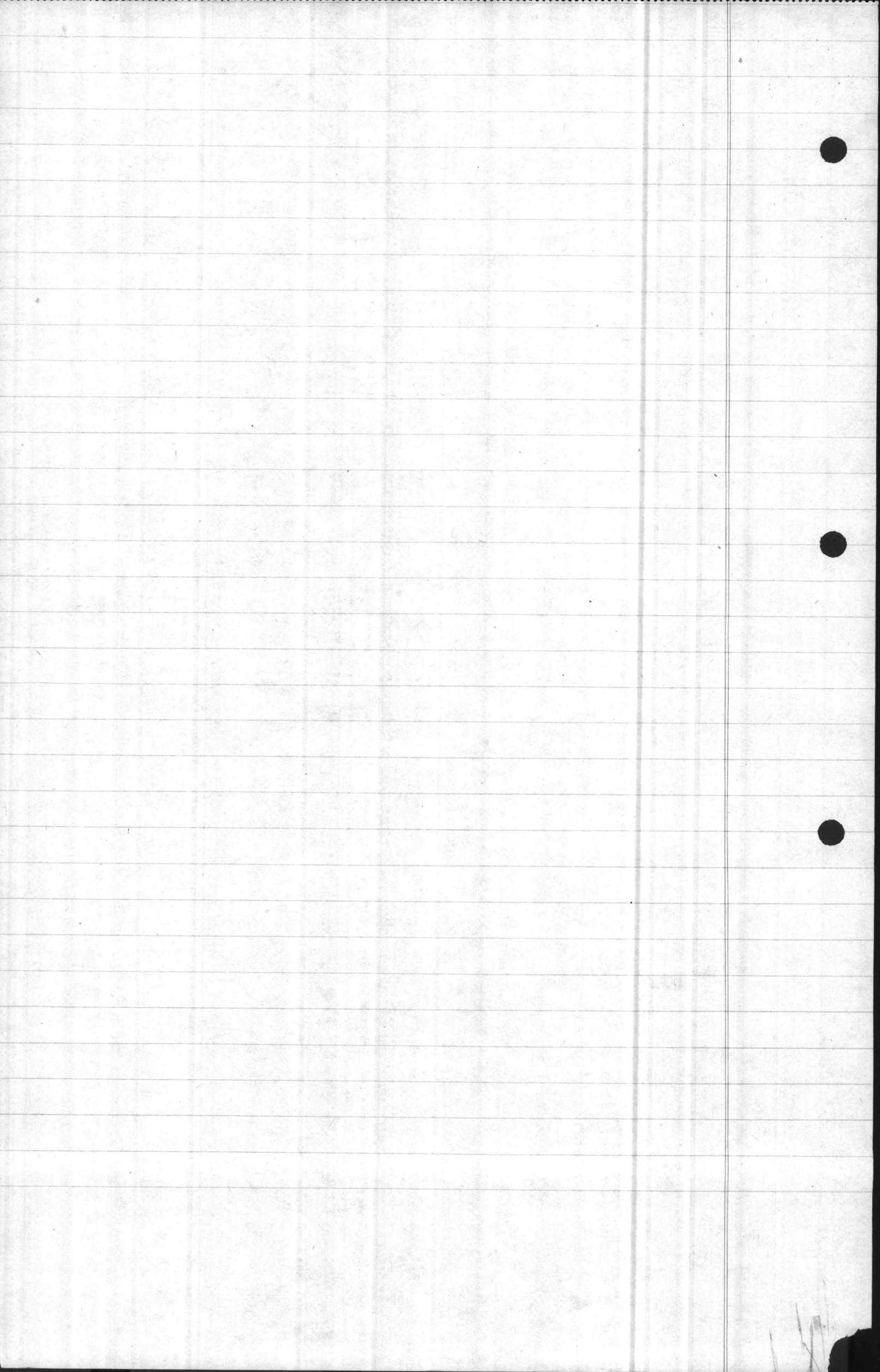
Paved Roads & Sidewalks - Gray

P-601 1"=50' Scale Maps

This phase of the work was by far the most extensive. The original authorization of this project, as ^{instigated} ~~indicated~~ by ~~the OIC and shown~~ ^{Commander Nichols} on M.B. Drawing No 1174, ^{April '42} included only the Main Division Area, Industrial Area & Tent Camps but was later ^{(Aug 25, 42),} expanded by ~~the~~ ^{OIC} ~~Commander Williams~~ to twice the original assignment thus including the following areas: Amphibian Base & Balloon Barrage School, Landing Field, Amphibian Base Tent Camp, Rifle Range, Mumford Point Tent Camp and Officers Quarters Area. ~~The last item to extend from Wallace Creek to the northern limits of construction on Paradise Point.~~

P-604 ~~A~~ Tabulation of the 1"=50' scale maps. ~~Follows:~~

Area	Quadrangles	Remarks
Mumford Point T.C.	99 U-1 & U-2, U-3 & U-4, A-3 & A-4	✓
Amphibian Base Tent Camp	118 H-1 & H-2	✓
Officers Qtrs	119	



(1" 50' tabulation continued)

Residual Area
~~1000' (Area)~~

- 119 L-3 & L-4
- Q-1 & Q-2
- Q-3 & Q-4
- R-1 & R-2
- R-3 & R-4
- S-1 & S-2
- S-3 & S-4
- W-1 & W-2 ✓
- X-1 & X-2
- X-3 & X-4

- 139 D-1 & D-2
- E-3 & E-4
- J-3 & J-4
- O-1 & O-2
- O-3 & O-4
- T-1 & T-2
- T-3 & T-4

Rifle Range

- 198 Q-1 & Q-2
- Q-3 & Q-4
- V-1 & V-2 ✓
- V-3 & V-4
- W-3 & W-4

- 218 B-3 & B-4

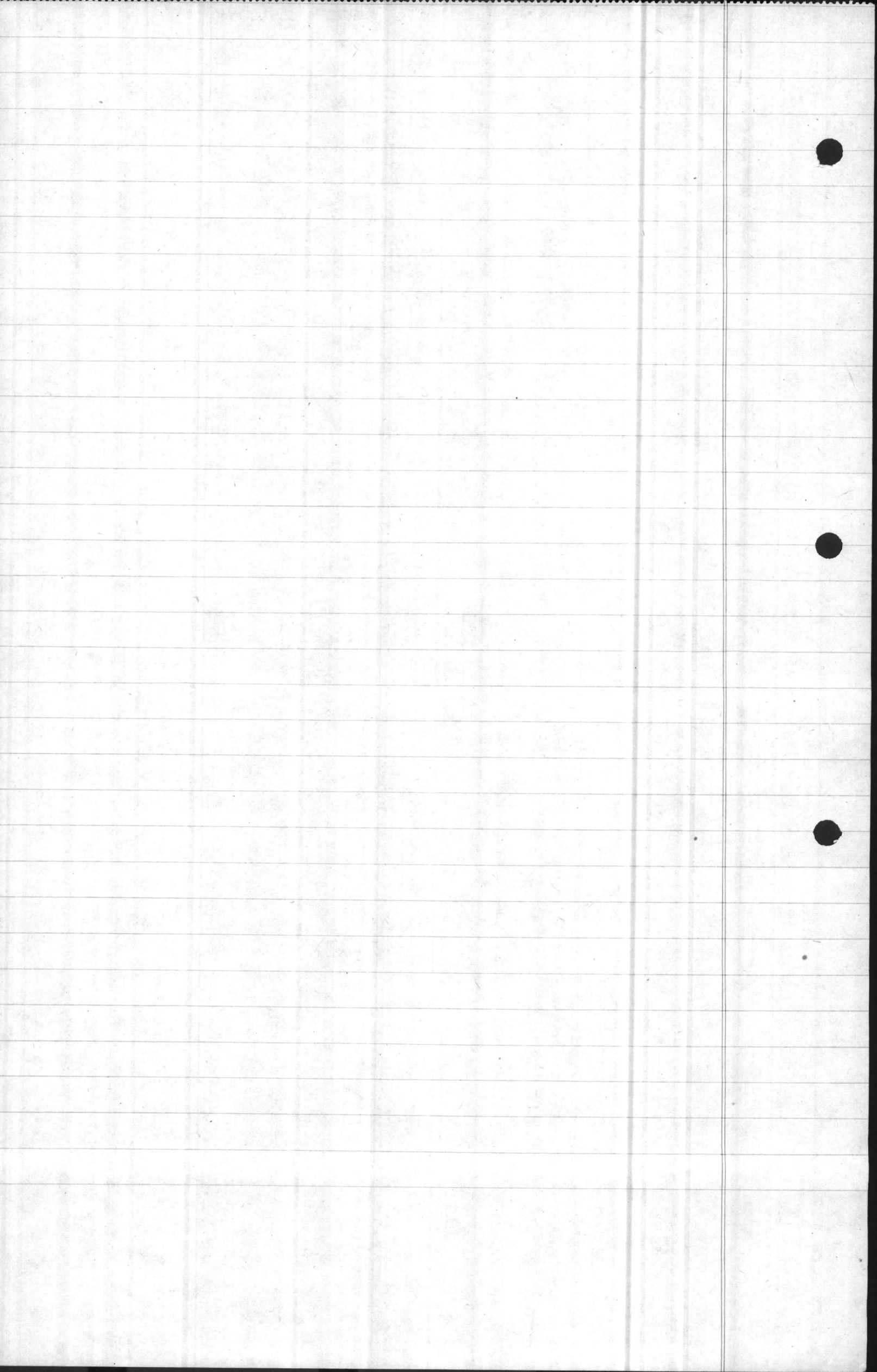
Balloon Barrage

~~Base~~ & Amph.

Base

- 219 D-1 & D-2
- E-1 & E-2
- E-3 & E-4
- I-1 & I-2 ✓
- J-1 & J-2
- J-3 & J-4
- O-1 & O-2
- O-3 & O-4

- 220 F-3 & F-4
- K-3 & K-4



(1" = 50' scale map tabulation continued)

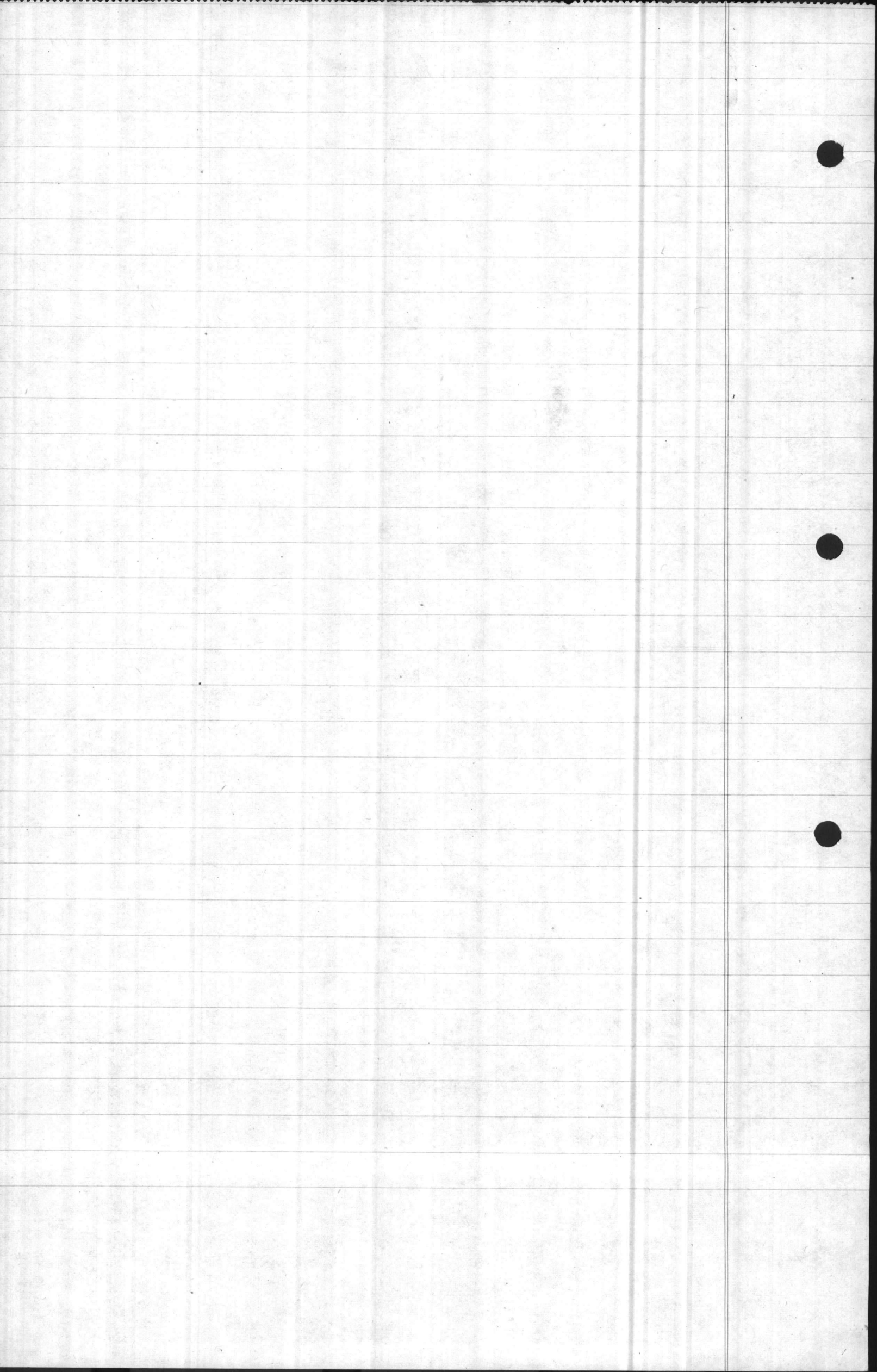
Tent Camp 1 & 2	98	K-1 & K-2	
		K-3 & K-4	
		P-1 & P-2	
		P-3 & P-4	✓
		Q-3 & Q-4	
		U-1 & U-2	
		U-3 & U-4	
	118	A-1 & A-2	
		A-3 & A-4	

Hospital Area	139	X-1 & X-2	
		X-3 & X-4	
		Y-1 & Y-2	
		Y-3 & Y-4	↑ 50

Industrial Industrial Area	140	W-1 & W-2	
		W-3 & W-4	
	160	C-1 & C-2	
		C-3 & C-4	
		B-1 & B-2	
		G-1 & G-2	
		H-3 & H-4	

Parachute ^{Bldg} T	140	R-3 & R-4	
--	-----	-----------	--

Regimental Area	140	T-3 & T-4	
		U-1 & U-2	
		U-3 & U-4	
	159	E-1 & E-2	
	160	A-1 & A-2	
		A-3 & A-4	
		B-3 & B-4	
		F-1 & F-2	
		F-3 & F-4	
		G-3 & G-4	

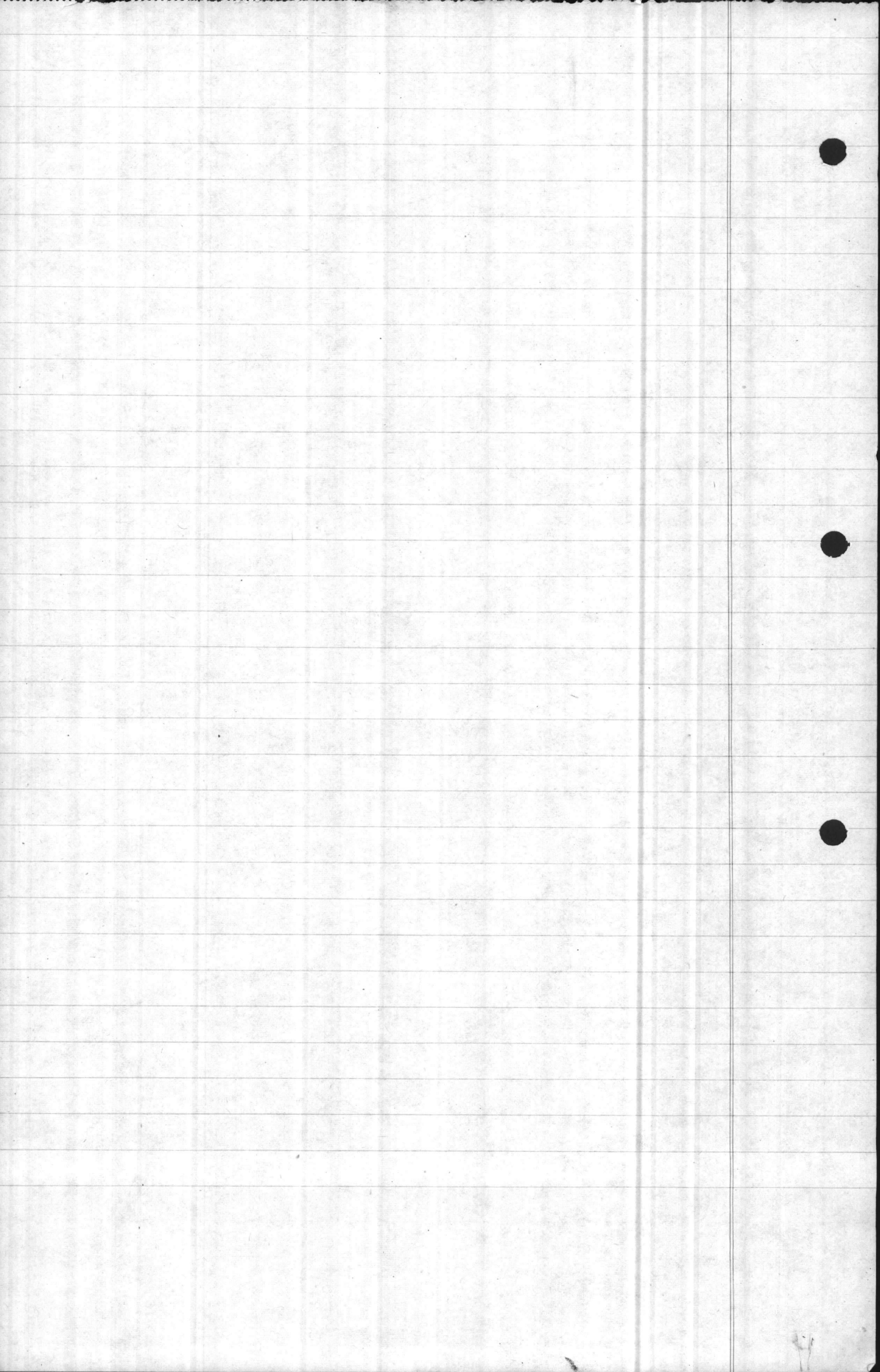


(1" = 50' map tabulation continued)

Req. Area. (cont.)	160	K-1 & K-2
		K-3 & K-4
		L-1 & L-2
		L-3 & L-4
		M-3 & M-4
		Q-1 & Q-2
		Q-3 & Q-4
		V-1 & V-2

Landing Field	118	R-1 & R-2
		R-3 & R-4
		S-3 & S-4

Total 79



Section P-8

P-801 To summarize briefly, there were completed, ~~as of~~
Oct 1, 1942, with due regard to status of construction and
information available, the following maps:

1. One General Area Map 1" = 2000'
(See Sect P-3)
2. _____ quadrangles at 1" = 500'
(See tabulation Sect. P-4)
3. _____ tracings
(See tabulation Sect P-4)
4. Seventy nine 1" = 50' scale maps.
(See tabulation Sect. 6)
5. _____ sets planning & operating maps.
1" = 500' (See tabulation Sect 5, p 503)

—H—

P.-502 (beginning)

The original drawing at 1" = 500' covers an area
20,000 north and south by 15,000' east and west, &
contains the following data:

- Building outline
- Building numbering plan
- Road right of way lines & names
- Railroads
- Natural features
- Triangulation net.
- New River channel, markers, and lights

