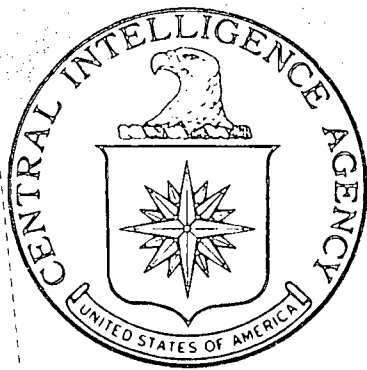


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ANALYSIS  
DIVISION

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DATE: 05-10-2012

PHOTOGRAPHIC INTELLIGENCE REPORT

SELECTED SOVIET MILITARY

STORAGE AREAS, USSR

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CIA/PIR 67009



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SELECTED SOVIET MILITARY STORAGE AREAS, USSR

Analysis of recently obtained [redacted] photography has revealed large numbers of vehicles and equipment stored at several ordnance and ammunition depots. Six of these installations have been selected for the report in an attempt to identify similarities between the installations.

They are Bryansk Ordnance Depot Bryansk II, located in the Moscow Military District; Kegichevka Ordnance Depot Territorium, located in the Kiyev Military District; an ordnance depot and machine plant in Tbilisi, located in the Transcaucasus Military District; Omsk Ordnance and Ammunition Depot PUG, located in the Siberian Military District; Staraya Kuka Ammunition Depot SW [redacted]

[redacted] and Khabarosk Ordnance Depot Krasnaya Reckha 154, located in the Far East Military District.

All but the Tbilisi installation were at least double secured by fences with fire breaks and guard towers located between the fences. Internal security was present in some of the installations but lacking in others. All depots were rail served and contained a large number of storage buildings capable of storing vehicles or equipment. Field artillery pieces were observed in all installations but Kegichevka. Most of the equipment observed on 1965 [redacted] photography was not present on earlier 1957-60 TALENT coverage indicating either a change in function of the installation to include the storage of vehicles and equipment or an increase of the quantity of material beyond that which can be housed.

The depots analyzed in this report are but a few that probably exist in the Soviet Union. Large numbers of pieces of equipment are also observed at depots in Kamenets-Podolskiy and Nezhin but quality of the photography precludes identification.

All measurements have been made by the CIA/IAD analyst. They should not be construed as being mensuration data compiled by the NPIC Technical Intelligence Division.

USSR



36702 10-62

FIGURE I

CIA IMAGERY ANALYSIS DIVISION

BRYANSK ORDNANCE DEPOT BRYANSK II  
53 13N-034 23E

LOCATION:

The depot is located on the east side of the River Desna on the NW edge of Fokinskiy.

SUPPORT AREA:

The support area for the depot is located adjacent to the south part of the installation.

TRANSPORTATION FACILITIES:

The area is served by the Bryansk street system and by a rail siding from the Moscow-Kiyev rail line which splits into five sidings within the depot.

SECURITY:

The depot is double secured by fences with 5 guard towers and a probable guard building located between the fences. The support area is secured by a single fence. No internal security is discernible.

FUNCTIONAL ANALYSIS OF BUILDINGS:

I. Depot Area:

A. Storage:

2 buildings  
52 buildings  
12 buildings  
1 building  
2 buildings  
3 buildings

B. Maintenance Building:

1 building

\* all building measurements are IAD's

CIA IMAGERY ANALYSIS DIVISION

C. Other buildings and facilities in the depot in support of ordnance and storage functions:

- 1 probable barracks associated with guard functions
- 2 multistory U-Shaped barracks/administration buildings
- 1 probable power/heat plant
- 3 buildings probably associated with rail to road transfer functions
- 3 support buildings

II. Support Area:

- 2 probable barracks
- 22 quarters
- 3 possible storage buildings
- 17 support buildings

VEHICLES AND EQUIPMENT:

- 326 possible FA pieces (3 groups)
- 200 (approximate) pieces of equipment in 1 group
- 240 (approximate) pieces of equipment in 1 group
- 34 pieces of equipment in 1 group

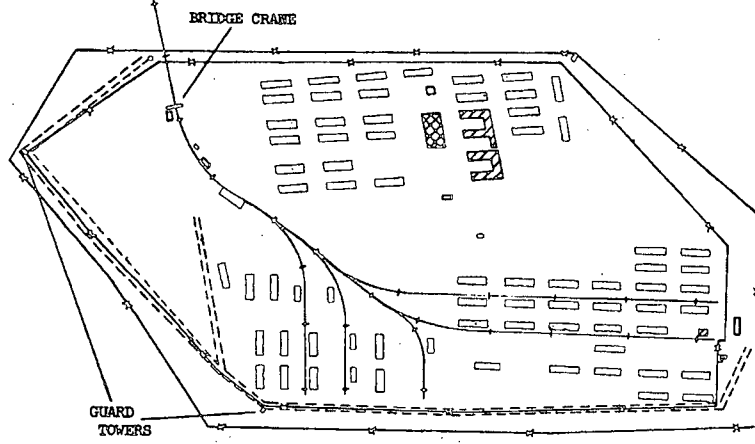
PI COMMENTS:

The north, west, and part of the south boundaries of the depot have a levee to protect the installation from river flooding. No significant changes in equipment in open storage areas can be observed through comparative analysis of [ ] photography through 1964.

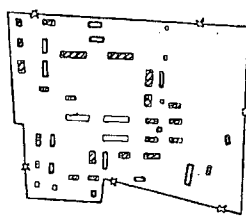
TOP SECRET CRESS-RUFF

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BRYANSK ORDNANCE DEPOT BRYANSK II



- +— FENCE
- +— RAILROAD (SINGLE TRACK)
- - - LEVEE
- ▭ STORAGE BUILDINGS
- ▨ MAINTENANCE BUILDINGS
- ▧ BARRACKS AND ADMINISTRATION BUILDINGS
- ▩ SUPPORT BUILDINGS



GUARD TOWERS

BRIDGE CRANE

FEET  
 0 500 1000  
 (Approximate)

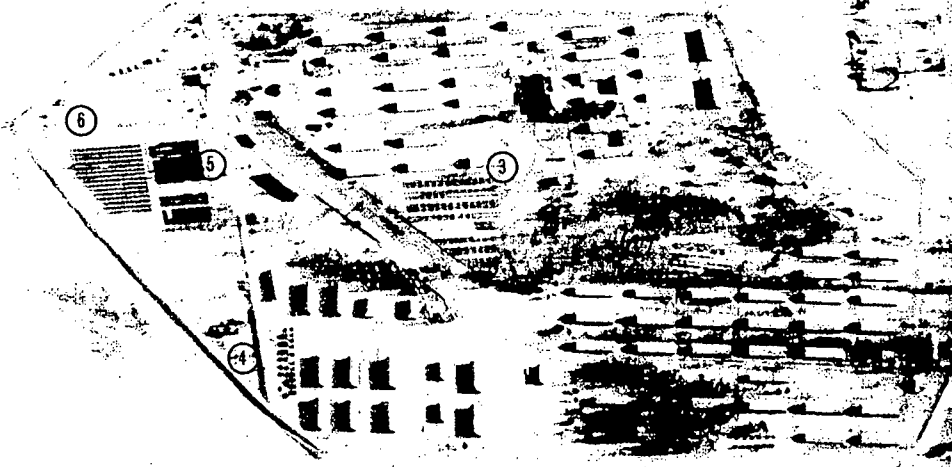
TOP SECRET CRESS-RUFF

FIGURE 2

TOP SECRET CHESS-RUFF

# BRYANSK ORDNANCE DEPOT BRYANSK II

1002/65  
/PIR4600



- 1. 25 POSSIBLE FA PIECES
- 2. 60 POSSIBLE FA PIECES
- 3. 241 POSSIBLE FA PIECES
- 4. 34 PIECES OF EQUIPMENT
- 5. APPROXIMATELY 240 PIECES OF EQUIPMENT
- 6. APPROXIMATELY 200 PIECES OF EQUIPMENT

JANUARY, 1965

FIGURE 3

TOP SECRET CHESS-RUFF



CIA IMAGERY ANALYSIS DIVISION

KEGICHEVKA ORDNANCE DEPOT TERRITORIUM  
49 16N-035 45E

LOCATION:

The depot is located on the SW side of Kegichevka.

SUPPORT AREA:

The support area is located on the NE end of the installation.

TRANSPORTATION FACILITIES:

The installation has access to the secondary road network in the Kegichevka area. The nearest all-weather primary road is located 13 nm west. A rail siding from the Krasnograd-Slavyansk rail line divides into two sidings within the storage area.

SECURITY:

The storage area is double secured by fences with guard towers at the corners. No internal security is observed within the depot. The support area is singly secured with an internally secured open storage area, a secured probable vehicle park, and a secured unidentified area.

FUNCTIONAL ANALYSIS OF BUILDINGS:

I. Depot Area:

A. Storage:

- 9 buildings 340 x 50 (1 firewall each)
- 1 building (1 firewall)
- 1 building
- 9 buildings
- 13 buildings
- 3 buildings
- 13 buildings
- 1 building
- 2 buildings
- 1 building
- 1 building 65 x 25
- 7 drive-through buildings

CIA IMAGERY ANALYSIS DIVISION

B. Maintenance Building:

1 building 185 x 105

C. Other Buildings and Facilities in Depot Area:

2 power/heat plants  
1 bridge crane  
10 support buildings

II. Support Area:

1 administration building  
7 barracks  
11 quarters  
2 vehicle sheds  
24 support buildings  
1 water tower  
1 athletic field  
1 obstacle course

VEHICLES AND EQUIPMENT:

(grouped by different sizes) approximately 1680 pieces of equipment

73 pieces of equipment

88 pieces of equipment

Approximately 75 pieces of equipment

21 pieces of equipment

18 pieces of equipment

14 pieces of equipment

PI COMMENTS:

Two of the drive-through buildings were present in February 1960 and the other 5 were added by June 1964. Approximately 400 pieces of equipment were observed in 1960, in the area where the group of 740 pieces are now located. The lack of stereo coverage precludes the identification of the equipment as to type.

~~TOP SECRET CHESS RUFF~~

[redacted]  
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ORDNANCE DEPOT AND MACHINE PLANT-TBILISI  
41 42N-044 49E

[redacted]  
COMOR none

[redacted]  
LOCATION:

The ordnance depot and machine plant are located on the NE side of the Kura River in the center of Tbilisi.

SUPPORT AREA:

There are 2 support areas. One is located in the SE corner of the installation and one in the NE corner.

TRANSPORTATION FACILITIES:

The area is served by a siding from the main rail line which passes through the city and by the local street network.

SECURITY:

The installation appears to be secured by a single fence although there is much internal security. The machine plant is separately secured from the ordnance depot. There are 6 separately secured areas within the perimeter fence of the depot. The internal security is primarily in the form of walls.

FUNCTIONAL ANALYSIS OF BUILDINGS:

I. Ordnance Depot:

A. Storage:

3 buildings 375 x 45  
1 building [redacted]  
1 building 235 x 60 with a 125 x 40 extension  
1 building 230 x 75  
1 building 210 x 50  
1 building 200 x 50  
1 building [redacted]  
1 building [redacted]  
1 building [redacted]  
1 building [redacted]

\* The ordnance depot is carried under [redacted] Tbilisi  
Munitions Storage and the machine plant under [redacted]  
Tbilisi Ordnance and machine plant Ordzhonikidze.

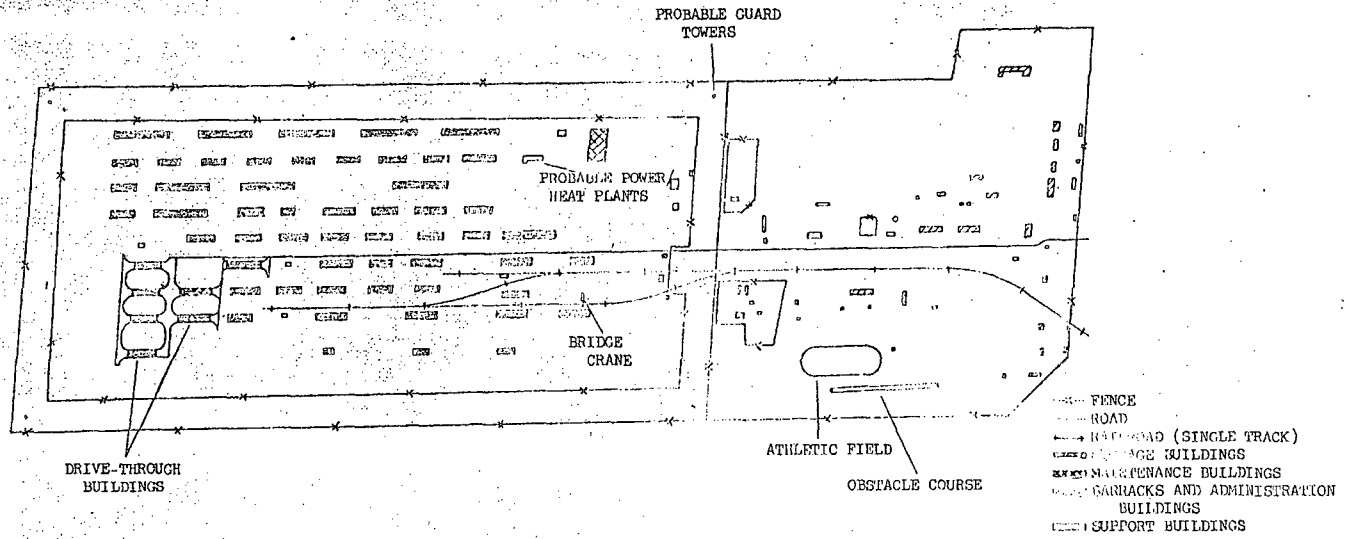
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~~TOP SECRET CHESS RUFF~~

[redacted]

~~TOP SECRET CROSS-RUFF~~

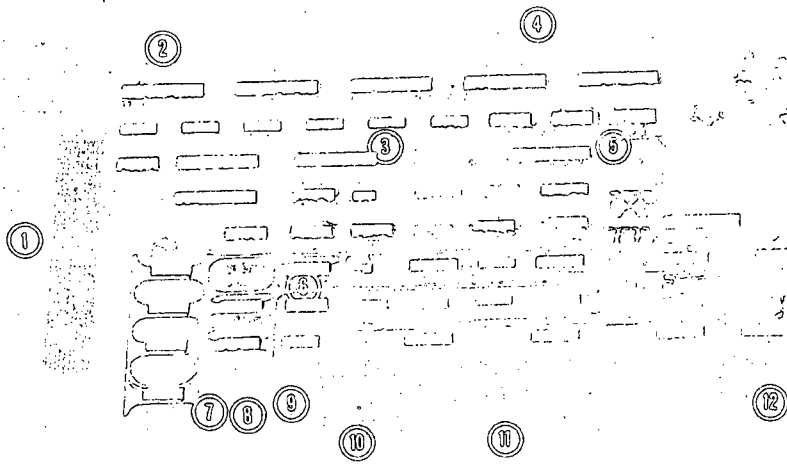
KEOTICHEVKA ORDNANCE DEPOT TERRITORIUM



FEET  
 0 500 1000  
 (Approximate)

FIGURE 4

~~TOP SECRET CROSS-RUFF~~



- 1. 760 PIECES OF EQUIPMENT
- 2. 14 PIECES OF EQUIPMENT
- 3. 64 PIECES OF EQUIPMENT
- 4. 18 PIECES OF EQUIPMENT
- 5. 8 PIECES OF EQUIPMENT
- 6. 65 PIECES OF EQUIPMENT
- 7. 21 PIECES OF EQUIPMENT
- 8. APPROXIMATELY 75 PIECES OF EQUIPMENT
- 9. 14 PIECES OF EQUIPMENT
- 10. 248 PIECES OF EQUIPMENT

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*Available*

THROUGHOUT

FOLDER

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- 1 building [redacted]
- 1 building 155 x 50
- 2 U-Shaped 150 x 35 with 2-[redacted] legs
- 1 building 145 x 50
- 1 building 140 x 50 (extension of unidentified building)
- 1 building 135 x 55
- 1 building 135 x 40
- 1 L-Shaped building 130 x 60 with a [redacted] leg
- 2 buildings 130 x 60
- 1 building 130 x 50
- 1 building 130 x 40
- 2 buildings 125 x 60
- 4 buildings 120 x 75
- 3 buildings 120 x 45
- 11 buildings [redacted]
- 4 buildings [redacted]
- 2 buildings 105 x 45
- 1 building 100 x 75
- 1 building 100 x 40
- 1 building [redacted]
- 1 building 85 x 45
- 1 building [redacted]
- 1 building 75 x 55
- 1 building [redacted]

B. Maintenance:

- 1 building 275 x 125
- 1 building [redacted]

C. Unidentified Buildings:

- 1 irregular 375 x 40 with 4-75 x 45 legs
- 1 irregular 350 x 40 with 4-75 x 45 legs
- 2 U-Shaped 155 x 35 with 2-75 x 45 legs
- 6 buildings [redacted]

(These buildings may formerly have been barracks. However, [redacted] photography reveals trucks adjacent to these buildings and the presence of electronic gear in the depot which may indicate an association with electronics maintenance or training.)

D. Other Buildings and Facilities in Depot Area:

- 1 probable administration building
- 1 L-Shaped vehicle shed 125 x 50 with a 85 x 50 leg
- 1 vehicle shed 175 x 30
- 1 vehicle shed 150 x 40
- 1 power/heat plant
- 1 bridge crane

CIA IMAGERY ANALYSIS DIVISION

30 support buildings

II. Machine Plant:

A. Storage:

1 building  
1 building

B. Maintenance:

1 L-Shaped 765 x 45 with a 100 x 45 leg  
1 building 480 x 50  
1 building  
1 building 385 x 105  
1 building 275 x 60  
1 building 230 x 95  
1 building 205 x 85  
1 building 125 x 60  
1 building

C. Other Buildings and Facilities in Machine Plant Area

3 research/administration buildings  
4 vertical tanks  
26 support buildings

III. Southeast Support Area:

2 barracks/administration buildings  
4 probable quarters  
1 vehicle shed 150 x 30  
1 vehicle shed  
1 vehicle shed  
9 support buildings

IV. Northeast Support Area:

10 barracks  
1 support building

V. Probable Munitions Storage Area:

5 widely dispersed buildings and  
1 support building.



CIA IMAGERY ANALYSIS DIVISION

VEHICLES AND EQUIPMENT:

- 17 possible SCUD (SS-1) transporters
- 19 pieces of possible SCUD missile support equipment
- 97 probable FA pieces
- 57 possible AAA pieces
- 5 probable prime movers
- 222 van trucks
- 2 cargo trucks
- 23 small trailers
- 1 probable bar lock radar
- 4 possible flat face radars
- 88 unidentified vehicles/pieces of equipment

PI COMMENTS:

The machine plant is reportedly a producer of wine-making equipment. However, 8 probable FA pieces are observed in the plant area indicating the installation also has a probable ordnance function. The munitions area is located at the extreme north end of the installation with the larger part of the facility serving as an ordnance depot. It appears that many of the buildings now have a function other than for what they were originally intended. Most of the possible SCUD equipment is separately secured within the installation.

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ORDNANCE DEPOT AND MACHINE PLANT-TBILISI

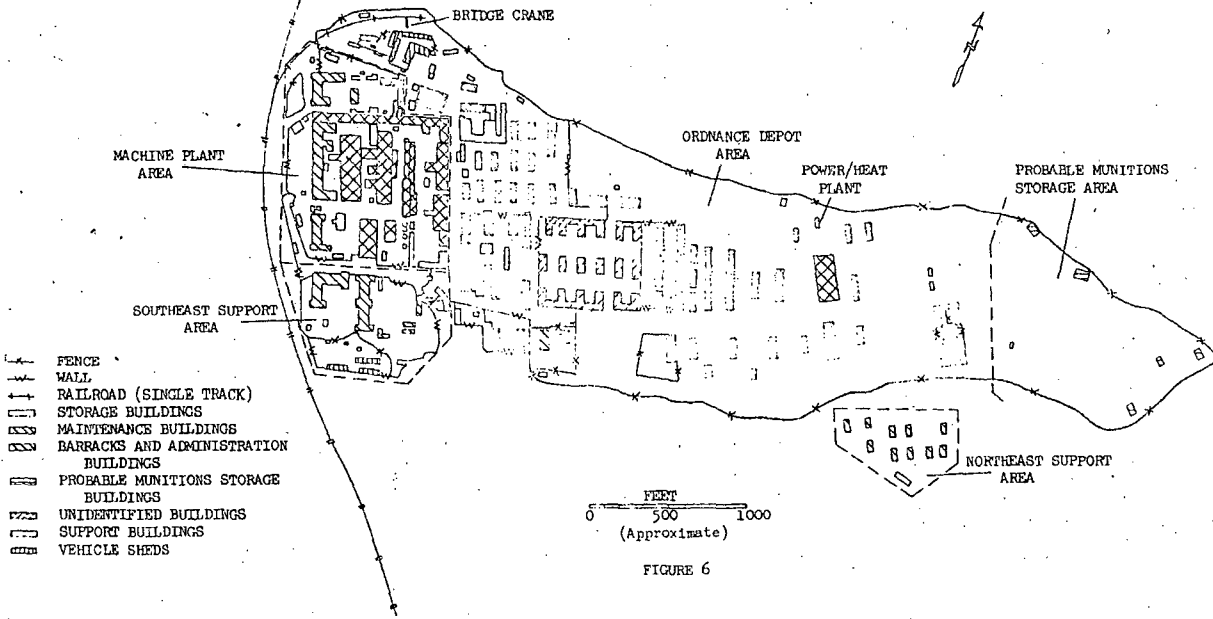


FIGURE 6

~~TOP SECRET CHESS-RUFF~~



CIA IMAGERY ANALYSIS DIVISION

OMSK ORDNANCE AND AMMUNITION DEPOT PUG  
55 OON-073 24E

LOCATION:

The depot is located in the north central part of Omsk.

SUPPORT AREA:

The depot has two support areas. One is separately secured and adjacent to the SW edge of the depot. The other is located within the SW part of the installation.

TRANSPORTATION FACILITIES:

The installation is served by the Omsk street system and a spur off the Trans-Siberian rail line which splits into 2 sidings within the secured area.

SECURITY:

The depot is secured by 4 fences with the SW support area separately secured by a wall. Ten probable guard towers and 2 security related support buildings are located between the fences and the perimeter area adjacent to the outside fences appears to be void of vegetation. Internal security consists of a wall-secured area in the SW part of the depot which probably has a transportation function. Two additionally secured areas within the wall secured area may have a refueling function.

FUNCTIONAL ANALYSIS OF BUILDINGS:

I. Depot Area

A. Storage:

- 4 buildings
- 1 building
- 3 buildings
- 1 building
- 1 building
- 1 building
- 1 building
- 1 building
- 1 building
- 1 building

CIA IMAGERY ANALYSIS DIVISION

- 2 buildings
- 54 buildings
- 4 buildings
- 1 building
- 1 building

B. Maintenance Building:

- 1 building

C. Other Buildings and Facilities in the Depot in Support of Ordnance and Storage Functions:

- 4 administration buildings
- 1 probable rail to road transfer building
- 6 ammunition storage buildings (revetted)
- 40 support buildings
- 1 small-arms firing range

II. Buildings in Support Areas:

- 2 administration buildings
- 16 barracks
- 26 quarters
- 19 support buildings

VEHICLES AND EQUIPMENT:

- Approximately 660 possible FA pieces
- 92 vehicles/pieces of equipment
- approximately 770 pieces of equipment
- 5 rows of equipment
- 46 rows of unidentified open storage

PI COMMENTS:

Approximately 300 possible pieces of equipment were discernible on August 1957 TALENT photography. At least 1500 vehicles and pieces of equipment are discernible on January 1965 photography. coverage is not of satisfactory quality to delineate the location or presence of equipment. No significant change to the facilities has occurred.

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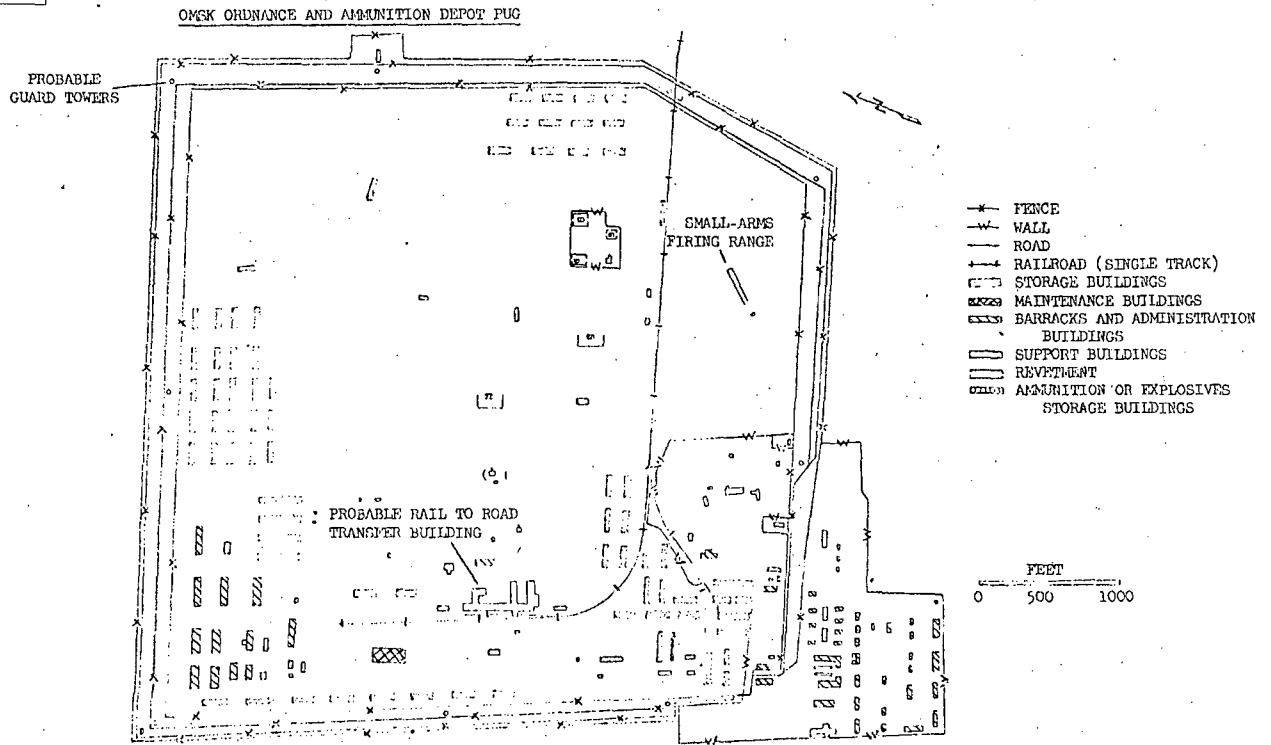
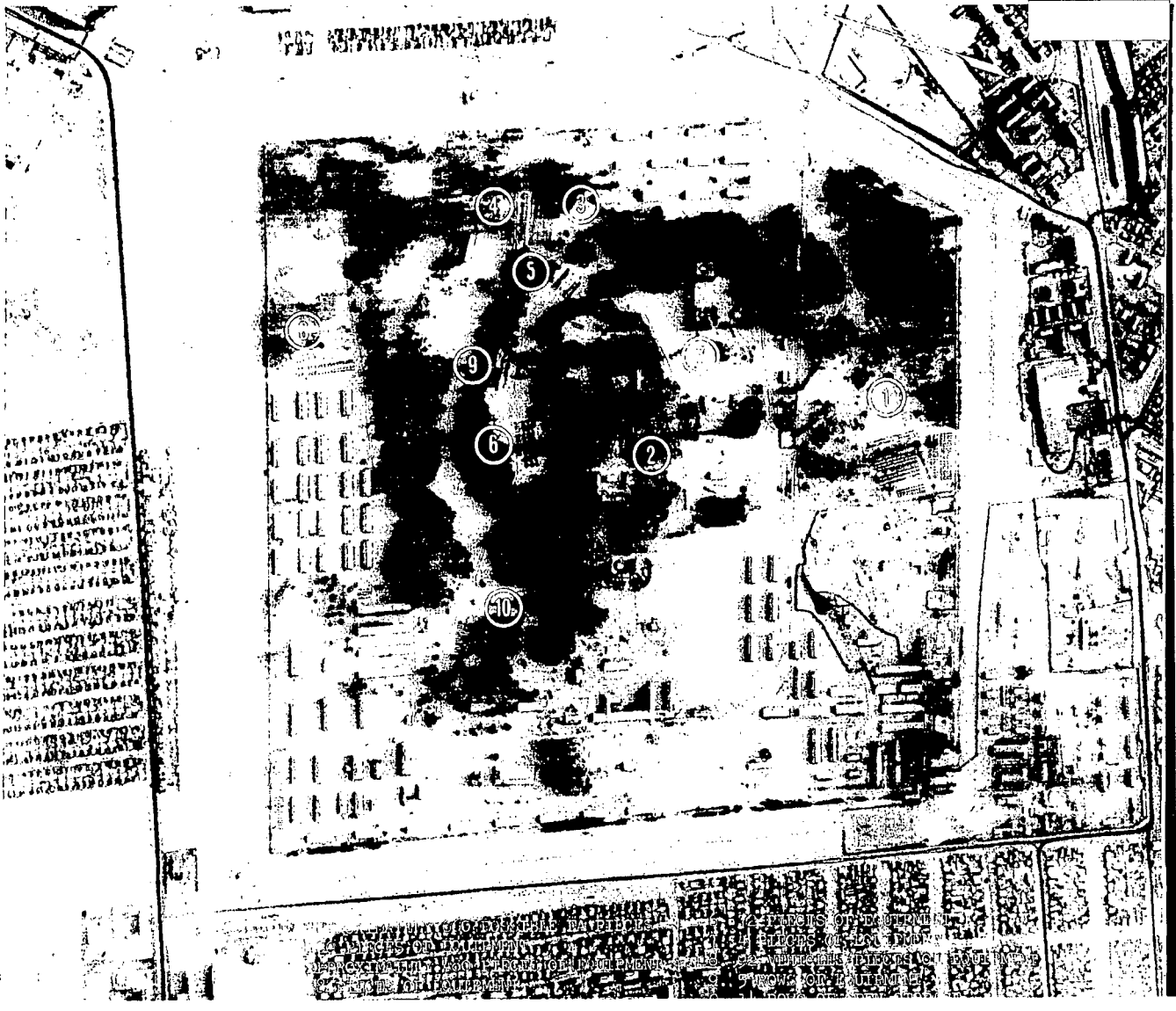


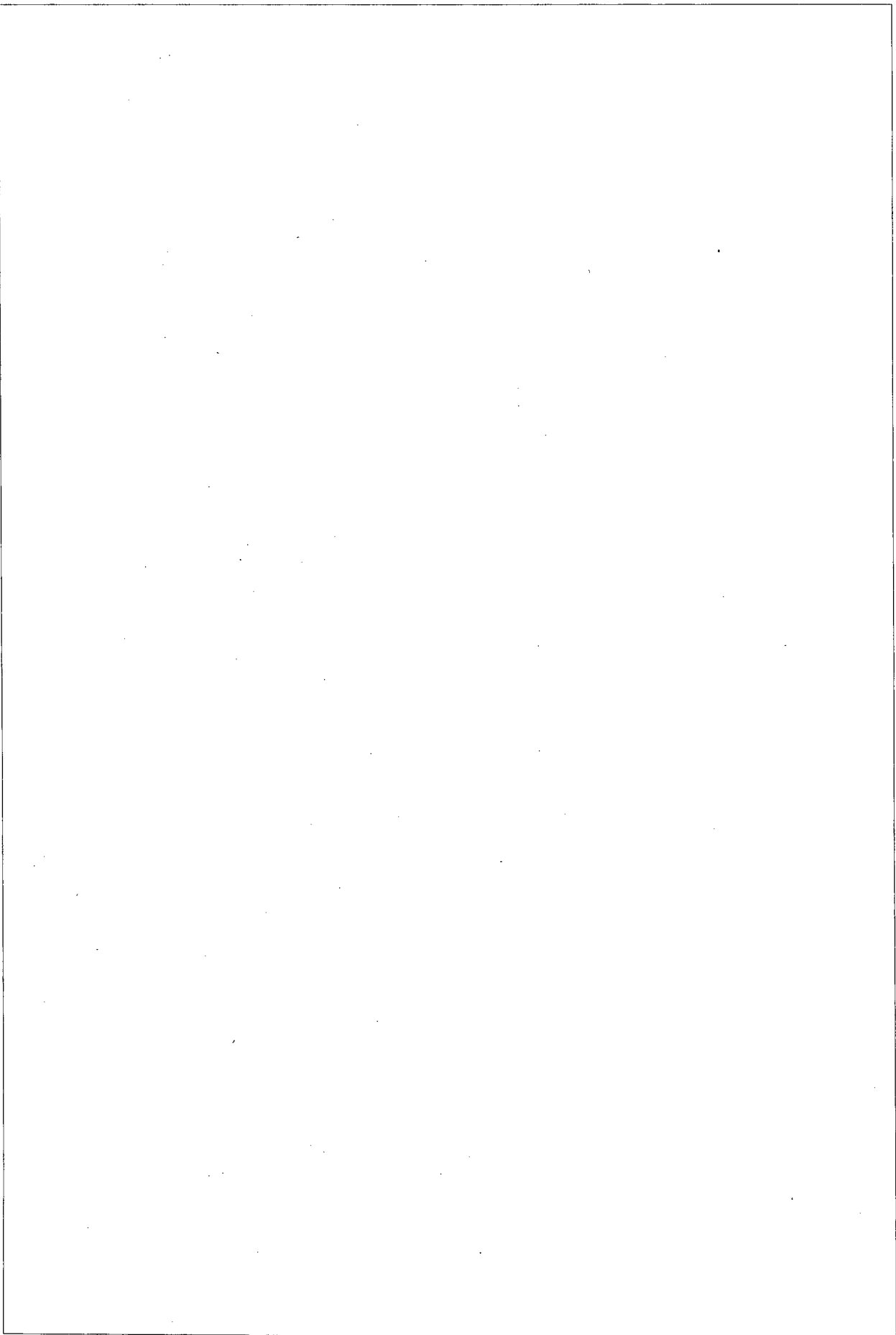
FIGURE 8

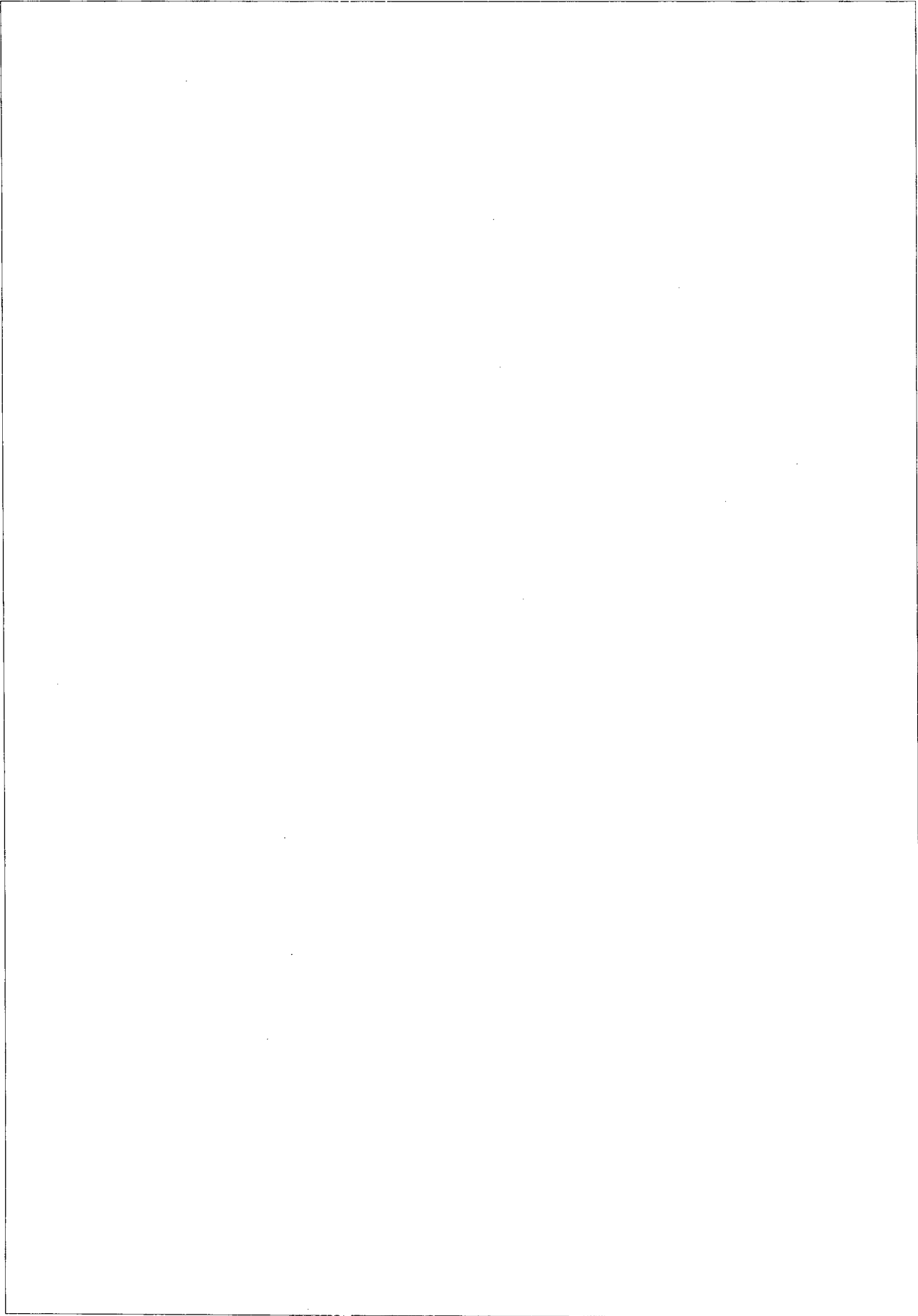
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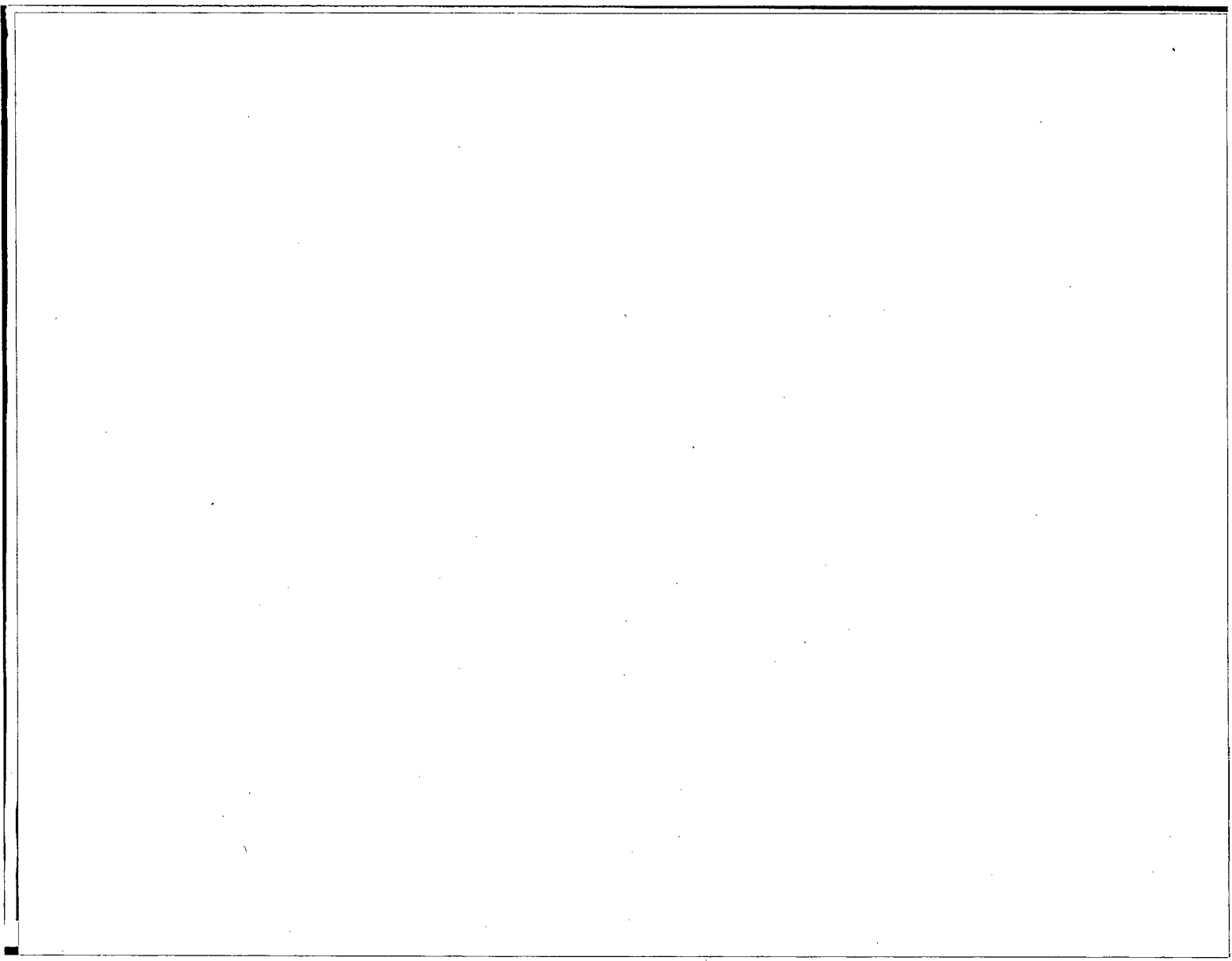


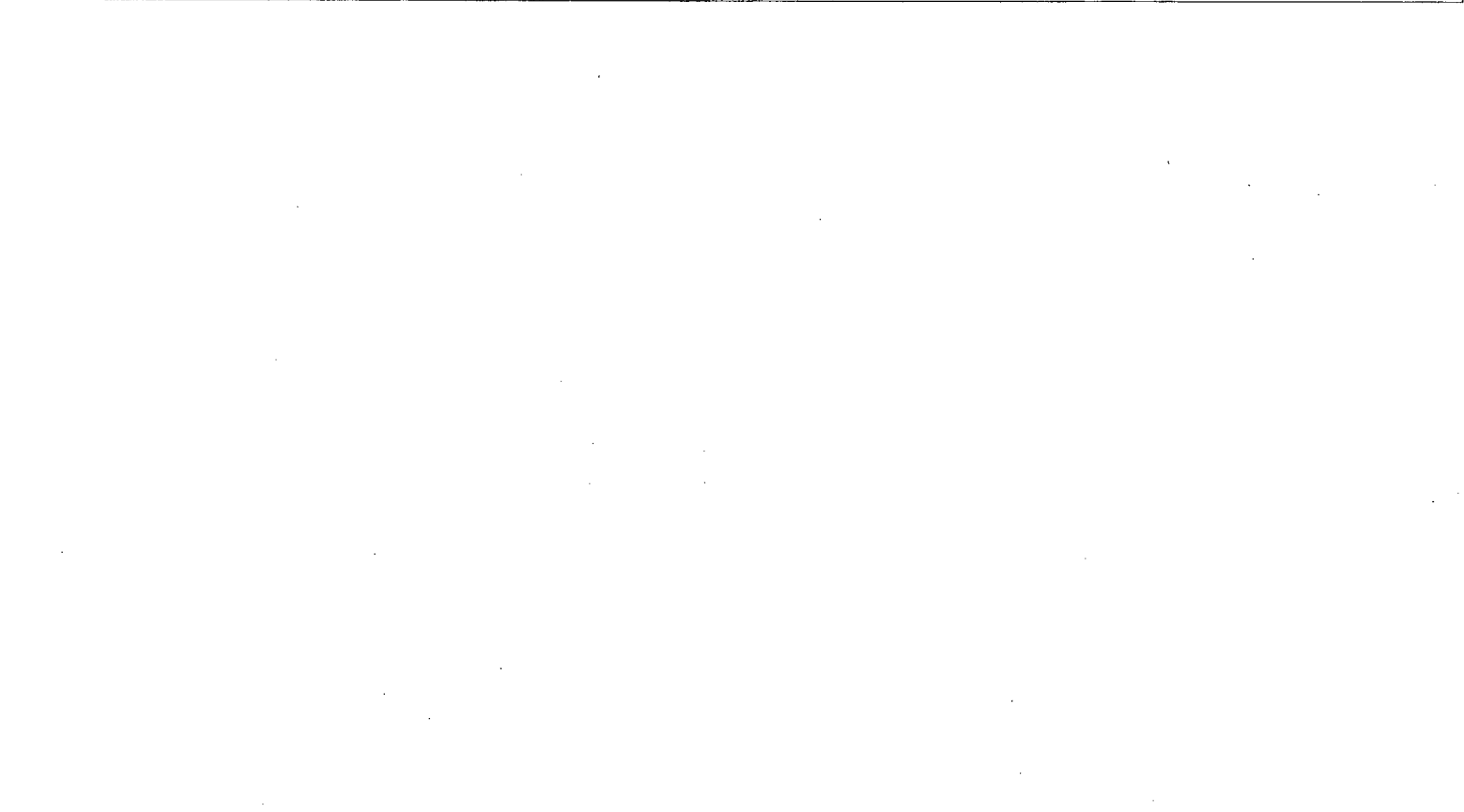
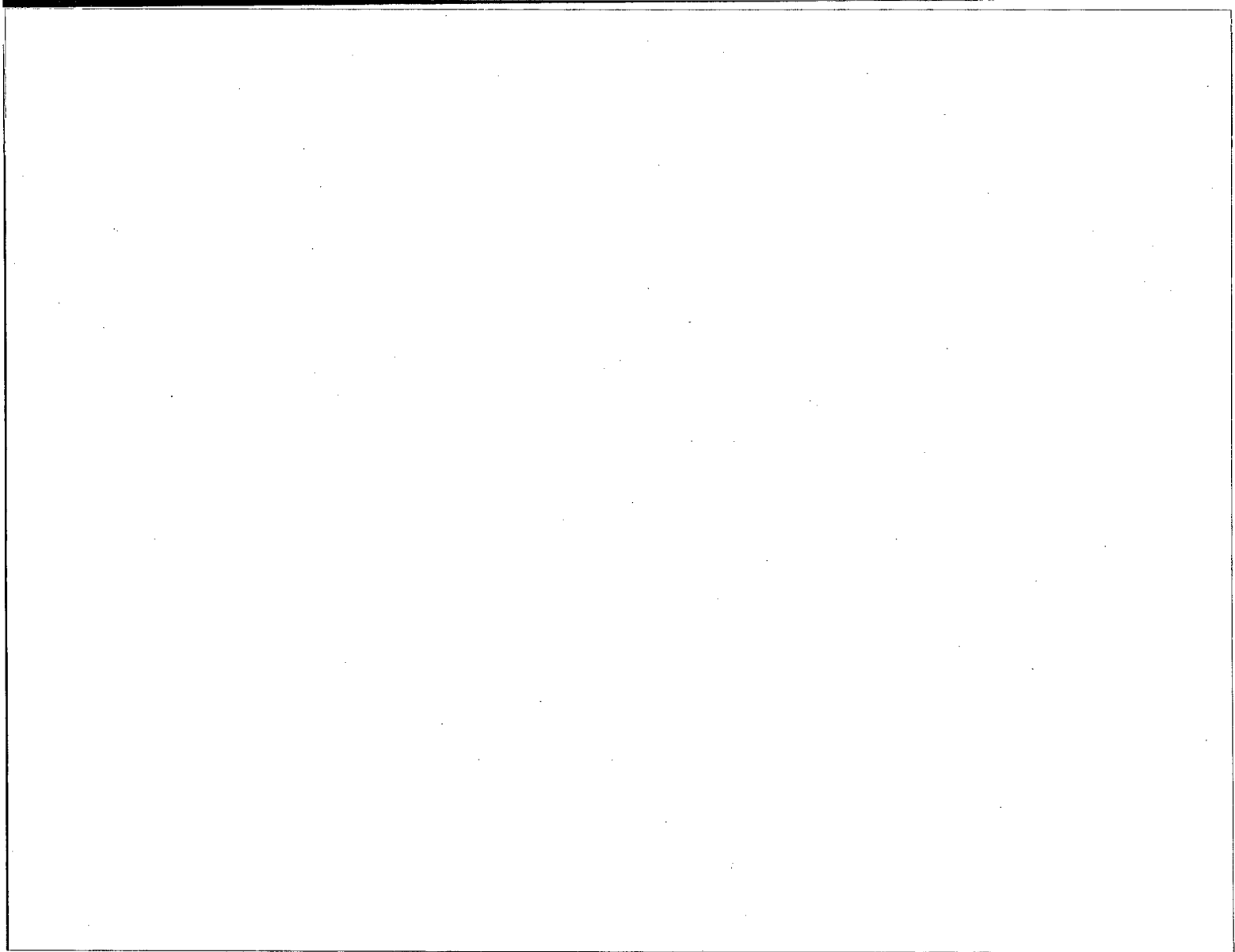












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KHABAROVSK ORDNANCE DEPOT KRASNAYA RECKHA 154  
48 21N-135 02E

COMOR none

LOCATION:

The depot is located on the south edge of Khabarovsk.

SUPPORT AREA:

The probable support area is a housing area located immediately north of the depot.

TRANSPORTATION FACILITIES:

The installation is served by the Khabarovsk street system and a spur from the Trans-Siberian rail line which splits into 4 sidings within the secured area.

SECURITY:

The area is double secured by fences with a firebreak and 3 guard buildings located between the fences. Internal security consists of a fence separating the north and south parts of the installation, a wall-secured vehicle park, and a separately secured vehicle/equipment shed and maintenance building.

FUNCTIONAL ANALYSIS OF BUILDINGS

I. Buildings with Storage Functions:

A. Vehicle/Equipment Storage:

2 buildings 360 x 50  
1 building 250 x 50  
1 building 225 x 45  
2 buildings 185 x 50  
1 building 180 x 45 with a 60 x 45 leg  
1 building 165 x 35  
1 building 150 x 40  
1 building 125 x 45  
1 building 90 x 50

B. Other Storage:

1 building 290 x 50  
1 building 265 x 45

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~~TOP SECRET CHESS RUFF~~

CIA IMAGERY ANALYSIS DIVISION

3 buildings 250 x 40  
3 buildings 230 x 40  
1 building 225 x 30  
1 building 215 x 45  
1 building 215 x 20  
1 building 205 x 50  
2 buildings 200 x 60  
3 buildings 200 x 40  
1 building 180 x 40  
2 buildings 155 x 60  
2 buildings 150 x 70  
1 building 150 x 60  
7 buildings 150 x 45  
1 building 150 x 35  
3 buildings 125 x 25  
1 building 100 x 50  
2 buildings 100 x 35  
2 buildings 75 x 55  
1 building 75 x 35  
3 buildings 60 x 50

II. Maintenance Buildings:

1 building 330 x 115  
1 building 330 x 95  
1 building 250 x 70  
1 building 215 x 75  
1 T-Shaped 150 x 55 with a 200 x 85 leg  
1 H-Shaped 150 x 50 with 2-75 x 25 posts

III. Tents:

5 probable tents buildings 100 x 20

IV. Other Buildings and Facilities:

1 probable barracks/administration building  
3 probable administration buildings  
3 barracks  
1 probable barracks  
2 quarters buildings  
2 power/heat plants  
3 guard buildings  
23 support buildings  
1 water tower  
1 bridge crane

CIA IMAGERY ANALYSIS DIVISION

- 1 suspect test facility (function undetermined)
- 1 possible test facility (function undetermined)

VEHICLES AND EQUIPMENT:

- 4 probable SS-4 erectors
- 1 mobile service platform
- 75 (approximate) SA-2 launchers
- 36 probable tracked prime movers
- 22 probable prime movers
- 75 probable SAM transporters
- 49 van trucks (6 with probable generator trailers)
- 8 cargo trucks
- 72 probable FA pieces
- 550 (approximate) unidentified vehicles/pieces of equipment

PI COMMENTS:

The extreme south end of the installation appears to be no longer in use. All but one of the storage buildings have been removed and the rail appears to be dismantled. The firebreak is still evident but no security is discerned. The separately double secured area in the NW part of the installation was added between 1958 and 1964. Most of the equipment identified on [redacted] although film quality precluded a detailed readout.

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KHABAROVSK ORDNANCE DEPOT KHASNAYA RECHKA 154

CIA/FIR-67009

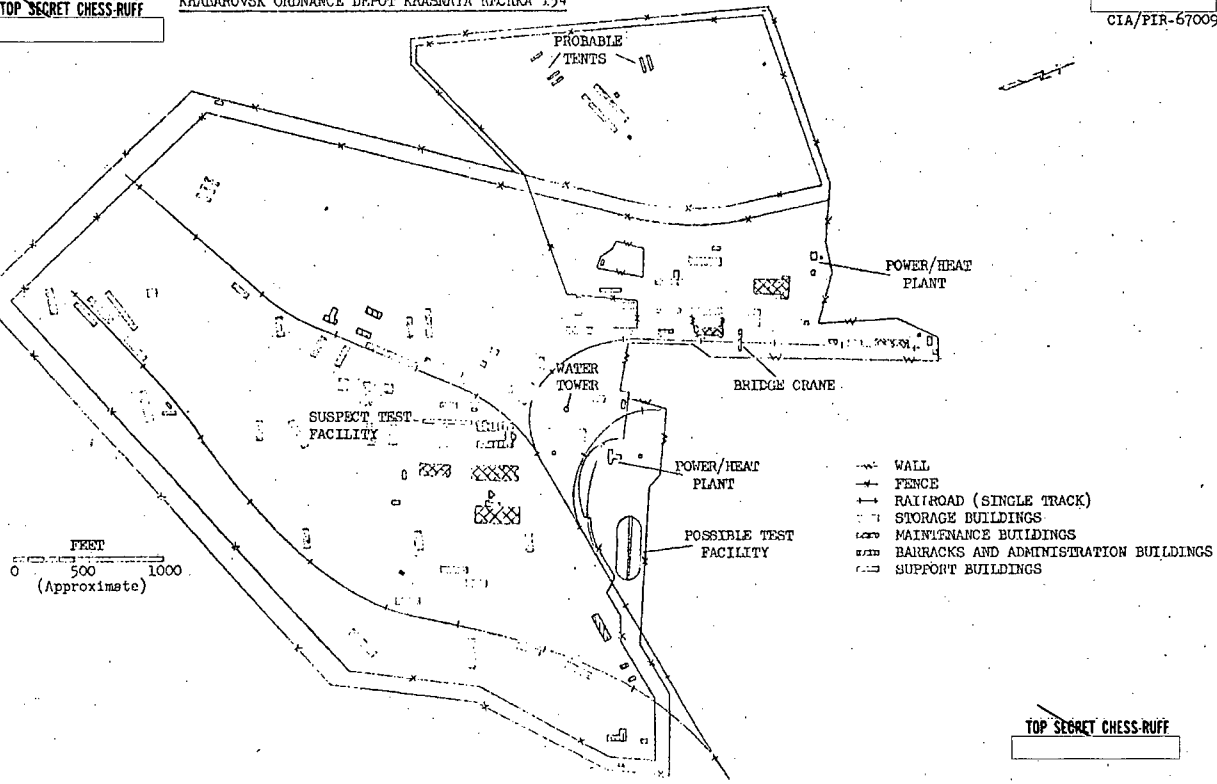


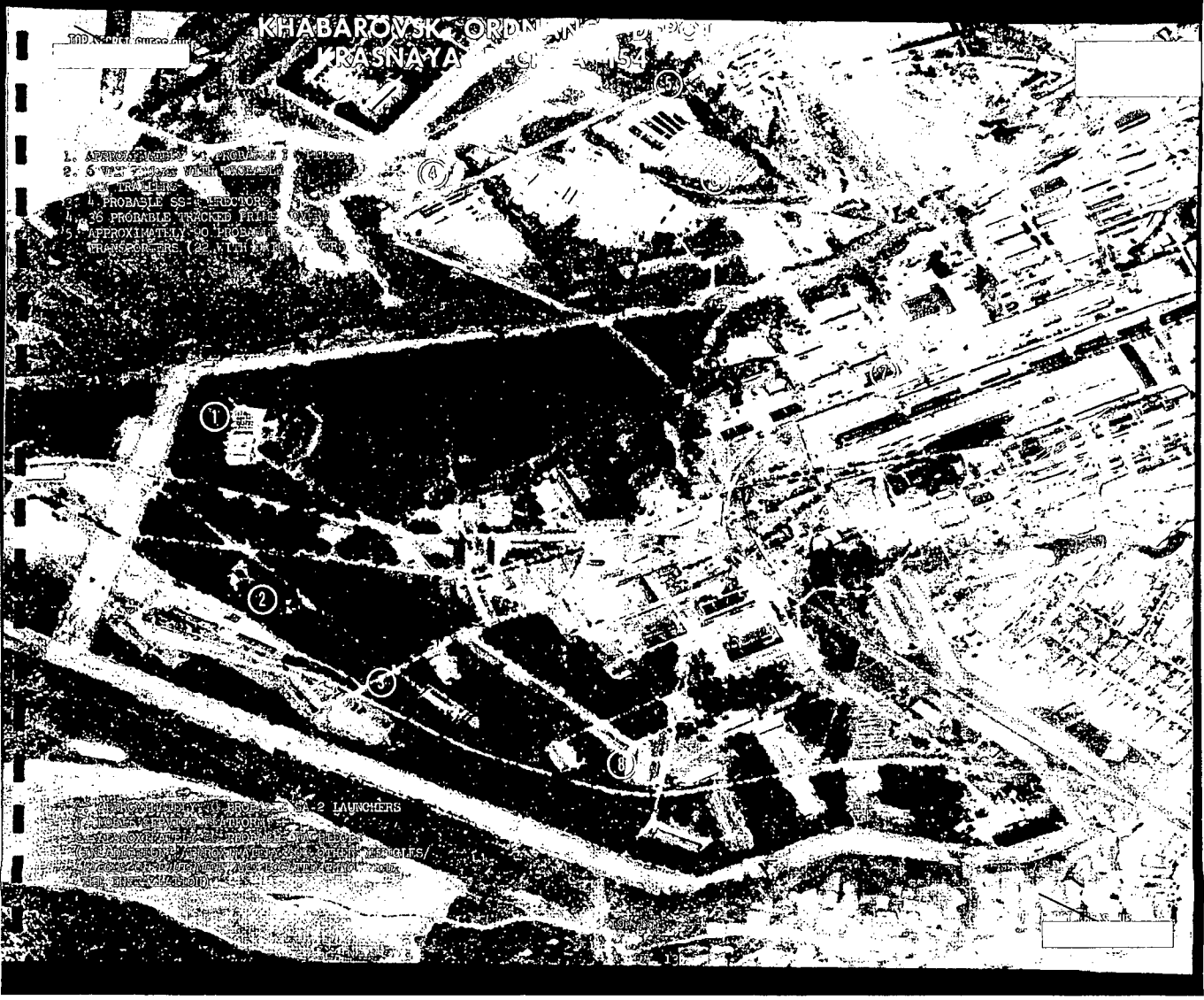
FIGURE 12

TOP SECRET CHES-RUFF



KHABAROVSK ORDNI  
KRASNAYA 54

1. APPROXIMATELY 50 PROBABLY
2. 5 VEHICLES WITH APPROXIMATELY
3. PROBABLY 36 PROBABLY TRACKED
4. APPROXIMATELY 20 PROBABLY



2 LAUNCHERS

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REQUIREMENT:

C-RR5-82,757

CIA/IAD PROJECT:

30027-6

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