

INTELLIGENCE



CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	USSR (Ukrainian SSR)	REPORT	
SUBJECT	Area Description of Rubezhnoye and the Khimkombinat	DATE DISTR.	9 November 1953
DATE OF INFO.		NO. OF PAGES	14
PLACE ACQUIRED		REQUIREMENT	50X1
		REFERENCES	50X1-HUM

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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The following changes should be made:

1. Rubezhnaya should read Rubezhnoye throughout.
2. Nachalniks, page 2, should read nachalniki.
3. Tratsh, page 2, should read Trach.
4. Lissichansk should read Lisichansk throughout.
5. Donetz should read Donets throughout.



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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#")

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SECURITY INFORMATION

REPORT

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COUNTRY : USSR (Ukrainian Oblast)

DATE DISTR. 4 SEPT 53

SUBJECT : Area Description of Rubeshnaya and the Khimkombinat

NO. OF PAGES 23

PLACE ACQUIRED

NO. OF ENCLS (LISTED BELOW)

DATE ACQUIRED

SUPPLEMENT TO REPORT NO. 50X1-HUM

DATE OF IN

THIS IS UNEVALUATED INFORMATION

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GENERAL INTRODUCTION

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1.

[Redacted]

2.

[Redacted] in Rubeshnaya itself [Redacted] recently constructed hangarows /see points 23 and 23a, page 4 / [Redacted] /see point 7, page 2 / which were quite below [Redacted] previous German standards, for the duration of [Redacted] "contract" with the Soviets.

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AREA DESCRIPTION OF RUBEZHNYA50X1-HUM
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3. [redacted] sketch of the layout of Rubezhnaya [redacted] but it is admittedly rough and incomplete /see page 11 /.

Point 1. Militia Headquarters

30-40 x 15-20 x 8-10 meters, red brick building with a flat roof. Houses unknown number of blue-uniformed militiamen.

Point 2 Culture Park

400 x 200-300 meters. Surrounded by wooden fence about two meters high. Children's playground, restaurant, summer movie theater.

Point 3 Textile Department Store

10-20 x 10-20 x 8-10 meters. Gray brick building with a flat roof. During the last year or so (1950-51) textiles (partly imported from Czechoslovakia), carpets and furs were available here on the free or unrationed market.

Point 4. Bank

30 x 15-20 x 10-15 meters. Gray brick building with flat roof.

Point 5 House of Culture

40-50 x 40-50 x 40 meters. Concrete construction with a flat roof. Big theater on first floor where movies were shown in winter. Smaller rooms for cultural purposes (music rooms) and party meetings on upper floors.

Point 6 Store III

30-40 x 15-20 x 10-15 meters. Gray brick building with a flat roof. Sold foodstuffs, soap and other toilet articles.

Point 7 Apartment Building

100 x 10-15 x 15 meters. Gray brick construction with a flat roof. Housed German families and a number of Soviet plant officials (Nachalniks). The building contained about 40-50 apartments of two rooms plus kitchen.

Point 7a Apartment Building

30-40 x 10-15 x 15 meters. Gray brick construction with a flat roof. Housed Soviet Khimkombinat director TRATSH and a number of Soviet families.

Point 8 Nursery

30-40 x 10-15 x 8-10 meters. Gray brick construction with a flat roof. Room for about 50-80 babies and children up to three years of age.

Point 9 Hotel

20-30 x 20-30 x 10-15 meters. Gray brick construction with a flat roof. Capacity, about 20-30 beds.

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Point 10 Vegetable Store

8-10 x 8-10 x 5-6 meters. Gray brick construction with a flat roof. Vegetables, potatoes, meat, vodka, wine were sold here.

Point 11 UNIVERMAG

20-30 x 20-30 x 10-12 meters. Grayish-yellow brick construction with a flat roof. Dishes, glassware, Soviet cameras (copies of the German Rolleiflex), bicycles, ready-made suits and dresses for men and women were sold here.

Point 11a Department Store

8-10 x 8-10 x 5-6 meters. Gray brick construction with a flat roof. At first specialized in baby articles; later, general department store goods.

Point 12 Bookstore and Gastronom

30-40 x 15-20 x 10-15 meters. Gray brick construction with a flat roof. Bookstore sold books in Russian and a few German books plus sheet music. The Gastronom sold department store articles, vodka, wine, chocolate, sweets.

Point 13 Stocking Factory

40 x 40 x 10-12 meters. Gray concrete construction with a flat roof. Employed about 50 - 100 female workers. Produced simple socks and stockings for men and women. Other details unknown.

Point 14 Store IV

20-30 x 20-30 x 8-10 meters. Grayish-yellow brick construction with a flat roof. Sold same goods as Gastronom (see Point 12 above).


Point 15 School for Artisans (Handwerkerschule)

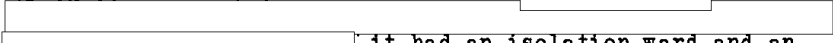
40-50 x 30 x 30-40 meters. Gray brick construction with a flat roof. Training of apprentices (artisans) and music students. Capacity of about 150-200 students.

Point 16 Technical College

40-50 x 30 x 30-40 meters. Gray, probably concrete, construction with a flat roof. Allegedly technical college for chemistry and engineering students. Capacity of about 200-300 students.

Point 17 Hospital

Comprised five or more buildings, barracks style, light brick construction. details unknown. 

 it had an isolation ward and an operating room. No further details.

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Point 18 Khimkombinat [For details see pages 12]

18a
and 18b

Point 19 Railroad Station, Rubezhnaya

30-40 x 20 x 10-15 meters. Brown brick construction with a flat roof, located on double track (double since 1949) railroad Kupyansk - Lissichansk. Very heavy freight traffic in both directions. [redacted] cars carrying timber, sand, stone [redacted] 50X1-HUM

[redacted] One fast train came through Rubezhnaya going in the direction of Kupyansk around 0800 or 0900 hours, and another going in the direction of Lissichansk came through about 1600 hours. Also, at least one passenger train came through Rubezhnaya in the morning and one in the afternoon [redacted]

[redacted] the fast and passenger trains were frequently late. 50X1-HUM

Point 20 School

30 x 30 x 15-20 meters. Concrete construction with a flat roof. The children of German scientists and Soviet officials and technicians were taught here. The language spoken in the school was Russian while the language taught was Ukrainian. About 400 students in attendance.

Point 21 School

30 x 30 x 15-20 meters. Concrete or brick construction with a flat roof. A seven year, popular school; as a whole, the teachers were less qualified than in Point 20 above. The language spoken in the school was Ukrainian while the language taught was Russian. There were about 300-400 students.

Point 22 Apartment Building

80-100 x 40 x 40 meters. Yellowish brick construction with a flat roof. Completed in 1951 but apartments not yet occupied.

Point 22a Former Prisoner of War Camp

80-100 x 40 x 40 meters. Yellowish brick construction with a flat roof. After the prisoners were evacuated in 1950, the building was used as an apartment building. Number of the camp is not known.

Point 23 & Bungalows

Point 23a

10-15 x 10-15 x 8 meters. Groups of seven to ten; brown brick constructions with flat gabled roofs, each having three rooms and kitchen. Intended for use by the German scientists, they were taken over in 1949 by directors and officials of the Khimkombinat.

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Point 24 New Laboratory

Gray brick construction with a flat roof, new construction with outer shell finished in 1951. [redacted] 50X1-HUM
[redacted] it was to house the new main 50X1-HUM
laboratory of the Khimkombinat.

Point 25 Ambulatory Clinic (Poliklinik)

20-25 x 20-25 x 8-10 meters. Brown brick construction with a flat roof. General and specialized treatment of out-patients. About 10-12 physicians, mostly women.

Point 26 Store

8-10 x 8-10 x 5-6 meters. Brownish brick construction with a flat roof. Foodstuffs, vodka, wine were sold here.

Point 27 Pharmacy

15-20 x 15-20 x 8-10 meters. Brown brick construction with a flat roof. Medicines, bandages, medicinal soaps, reading glasses were available here.

Point 28 Orphanage

No details.

Point 29 Postal and Telegraph Office

15-20 x 15-20 x 8-10 meters. Brown brick construction with a flat roof. About six to eight employees. No further details.

Point 30 School

Language spoken was Ukrainian; language taught was Russian. No further details.

Point 31 School and Court of Justice

30-40 x 30 x 15-20 meters. Brown brick construction with a flat roof. No further details.

Point 32 City Soviet

30-40 x 30 x 15-20 meters. Grayish yellow brick construction with a flat roof. Meeting place of the local Soviet. No further details.

Point 33 Wooden Bridge Across Swamps

About 1000 meters long and three to four meters wide, resting on wooden pilings spaced about ten meters apart and about three to five meters above the swamp. On either side of the bridge were wooden handrails about 60-70 centimeters high. The bridge was for pedestrian use only and in very bad condition because many of the boards had been stolen by the local inhabitants for firewood. Very dangerous to use at night.

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Point 34 Pontoon Bridge Across the Donetz River

About 50 meters long and three to four meters wide. A temporary bridge for cars, trucks and horse-drawn vehicles, taking the place of a permanent construction blown up during the war, concrete pillars of which could still be seen.



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Point 35 Donetz River

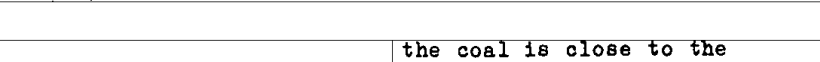
Of varying widths as it flowed past Rubezhnaya, the average width at normal water level was between 40 and 80 meters. 50X1-HUM



It is frozen over from the beginning of December to the middle of February and floods the surrounding area in spring. The banks vary from sandy, rocky to swampy and flat to steep.

Point 36 Coal Mine

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the coal is close to the surface and is obtained by both surface or open pit mining and shaft mining. The shafts are not steep. the quality of the coal varies from poor to good. 50X1-HUM



Point 37 Aerial Cableway

About 1 1/2 kilometers long, supported on steel masts about 150 meters apart. The cableway leads from the mine to the boilerhouse of the Khimkombinat [see Point 18b].

Point 38a Waste Water Disposal

A natural lake about 200 x 100 meters of unknown depth which receives waste water from the Khimkombinat.



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The overflow runs from here via a brook to the river.

Point 38b Waste Water Disposal

Same as 38a, 100 x 50 meters in size, depth unknown.

Point 39a Lake

300 x 200 meters. Depth unknown.

Point 39b Lake

400 x 600 meters. Depth unknown.

Point 39c Lake

200 x 300 meters. Depth unknown.

Point 39d Lake

700 x 400 meters. Depth unknown. These lakes, Points 39a to 39d, are partly grown over with reeds.

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Point 40. Main Road, Varvarovka-Lissichansk

About four to five meters wide, cobblestone or asphalt surface in poor condition. Heavy traffic as well as horse-drawn vehicles. Cargo, origins or destinations unknown. There is also a bus route between Varvarovka and Rubezhnaya.

Point 41. Main Road, Staro Krasnenko - Rubezhnaya

This road connects with Point 40 above, about five to six meters wide, asphalt surface, partly in poor condition. Heavy traffic, no details.

Point 42. Bazaar

Area 300 x 200 meters. Mainly foodstuffs sold here, vegetables, milk, eggs, fruit, potatoes and meat.

Point 43. Apartment Building

40 x 15-20 x 8-10 meters. Gray concrete and brick construction with a flat roof.

Point 44. Stadium

300 - 400 x 200 meters. No further details.

Point 45. Block Huts

and

Point 46 Dimensions vary from 3 x 2 x 4 meters to 6 x 8 x 4 meters. Loam or brick constructions, whitewashed. Housed Soviet workers.

SITE LAYOUT OF KHIKOMBINAT

4. In connection with the Khimkombinat itself, [redacted] 50X1-HUM

[redacted] there were certain aspects about the Khimkombinat and its layout that are shown in another sketch [redacted] /see Page 12/.

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Point 1. Car Repair Shop

A one or two story building, 40 x 15 x 10 meters. Probably concrete construction, with a flat roof.

Point 2. Boiler House

Three or four story brick building covered with gray plaster, 40 x 30 x 30 meters. Three or four black, sheet-metal smokestacks, about four meters high and 80-100 centimeters in diameter, rise above the flat roof.

Point 2a. Aerial Cableway

Leads south about 1 1/2 kilometers from boiler house to coal mine located on south bank of the Donetz River. Cableway is mounted on steel or concrete masts spaced about 150 meters apart.

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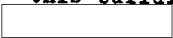
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Point 3 Production Building for Intermediates

Three-story building, 30 x 20 x 20 meters. Probably of brick construction covered with gray plaster, flat roof.

Point 4a and 4b New Laboratory and Pilot Plant

Two-part building of concrete construction, flat roof. About 60 x 25 meters (a), the laboratory, about 15 meters high and (b), the pilot plant about 30 meters high. In this building the Wolfen specialists worked



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Points 5, 6, 7, and 8 Production Buildings

Three-story buildings, about 30 x 20 x 20 meters, probably brick construction covered with gray plaster, flat roofs.

Point 9 Shed

Point 10 Old Central Laboratory

Two-story, brick construction covered with gray plaster, flat roof, 25 x 25 x 15 meters; dye shop, library and several offices on ground floor, laboratory with five or six work benches on second floor.

Point 11 Production Installation for Nitration

Probably concrete construction, flat roof; 40 x 25 x 15 meters.

Point 12 New Production Building

Building consists of two parts, concrete construction, flat roof; 80-120 x 30 x 25 meters; for vat dyes and probably Naphthol AS products.

Point 13 New Power Plant

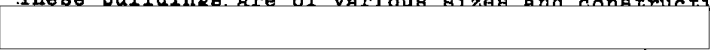
Concrete or brick construction covered with gray plaster, flat roof; 40 x 40 x 30 meters. According to rumor, plant houses high-pressure boiler installation and steam turbines. No further details.

Point 14 Laboratory Building

Brick construction covered with gray plaster, flat roof. 20' x 15' x 15 meters.

Point 15 Area Including 20-25 Buildings

These buildings are of various sizes and construction, but



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Point 16 Another Area Including 8 - 12 Buildings



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Point 17 Administration Building

Three story, concrete construction, slightly gabled roof; 25 x 20 x 20 meters. Houses plant director and chief engineer.

Point 18 Building for Educational Purposes

Two story, concrete construction, slightly gabled roof; 20 x 15 x 15 meters.

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Point 19 Concrete Construction

20 x 15 x 15 meters. Purpose unknown.

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Points 20 Gates, with Guard Rooms

through
25

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SECURITY PRACTICES

5. In order to gain entrance to the plant and laboratory building, [redacted] had to show the gate guards a pass or propusk; the pass issued [redacted] was of plain brown calico, the outside of which was blank. The inside contained the data illustrated on the rough sketch [redacted] which is approximately to scale [see page 13]. There were two or three rubber stamps on the right lower half of the pass to indicate the gate [redacted] permitted to use [redacted]. All of the German specialists and the Soviet laboratory personnel carried the same passes. [redacted]

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[redacted] passes were provided [redacted] yearly through the Soviet liaison official assigned to take care of the needs of [redacted] group and [redacted] [redacted] were issued from the personnel office. Each time [redacted] to receive a new pass, [redacted] had to supply two recent photos to the official, one of which was used on the pass. [redacted]

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If one [redacted] forgot a pass, [redacted] had to return to his home to find it. Once one [redacted] lost his pass, but apparently he was able to give a valid excuse because he was issued another without being punished. [redacted] Occasion- ally the gate guard would spot-check the briefcases or bundles carried by the German or Soviet personnel.

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6. Our working papers were locked up by a Soviet woman laboratory worker in charge of security at the end of each day in an old, worn metal cabinet fitted with a padlock. They could be taken out of the plant after obtaining written permission from the director of NIOPIK. However, members of our group often took their papers home whenever they felt like doing so and nobody was ever caught. The papers themselves bore no manner of classification but were identified by the signature of the individual submitting the paper.

7. [redacted]

The workers [redacted] did not wear identification badges while at work.

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8. Each of the six gates of the plant was tended by a gateman (or woman) armed with a pistol and a civilian guard (man or woman) armed with a rifle. Some of the civilian guards wore Communist Party jackets, part of the official CP uniform, or sometimes red arm bands. In addition to the gate guards, there were about 40 civilian men and woman patrolling the plant area at one time. The gate men or women were usually middle aged while the civilian guards were between 17 and 30 years of age.

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No alarm systems, barred windows, flood lights, steel safes or other physical security precautions existed

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dogs kept in kennels in the northeast part of the plant were supposed to accompany the guards while patrolling the plant area at night.

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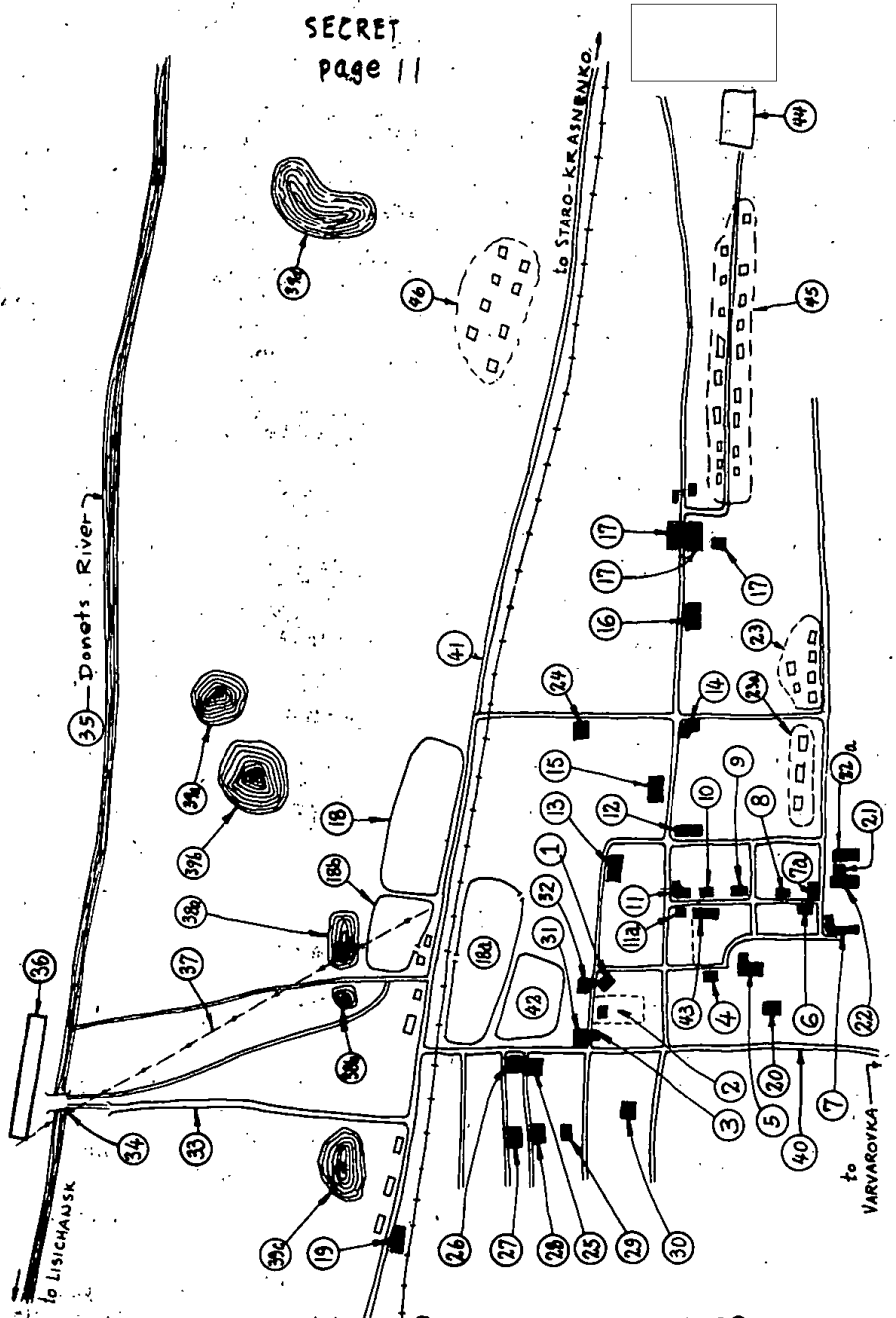
dogs barking during the day.



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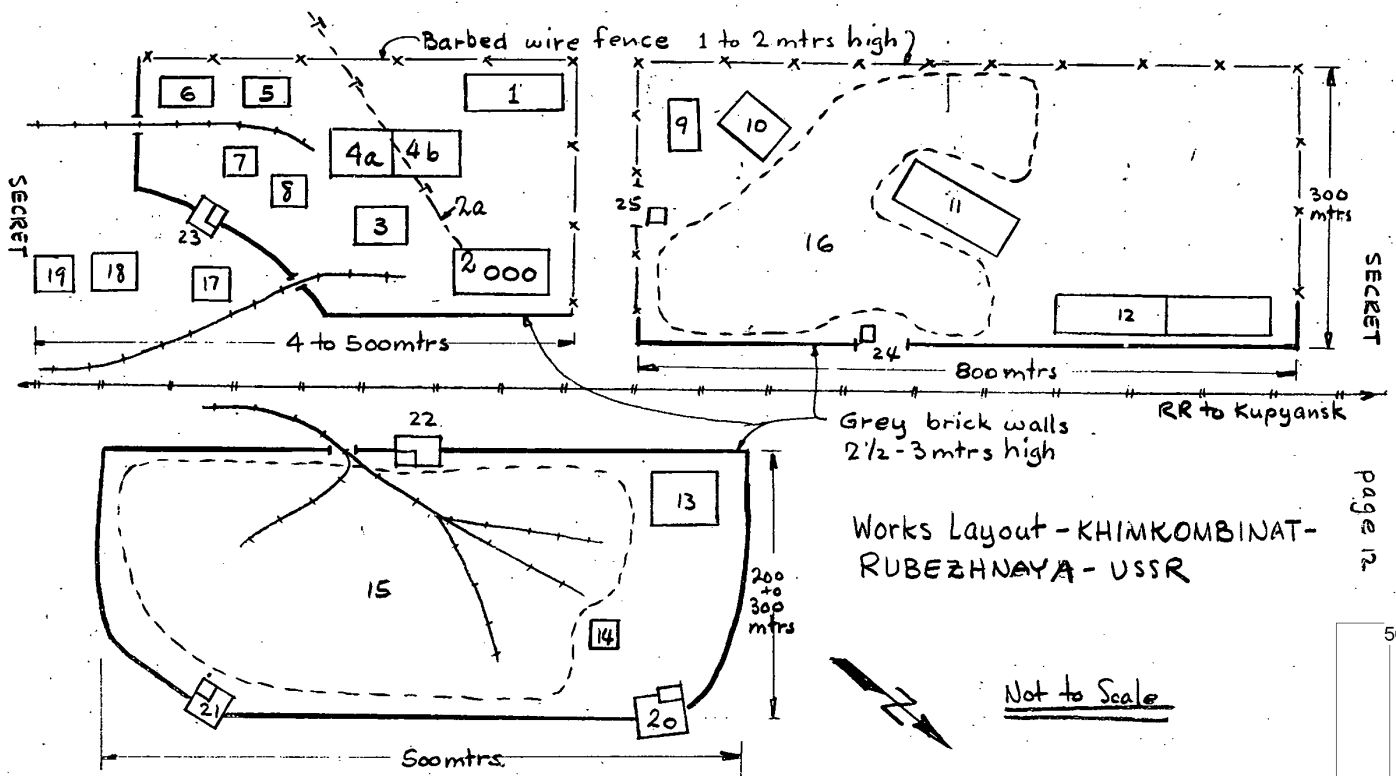
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Area Description - RUBEZH NAYA - USSR

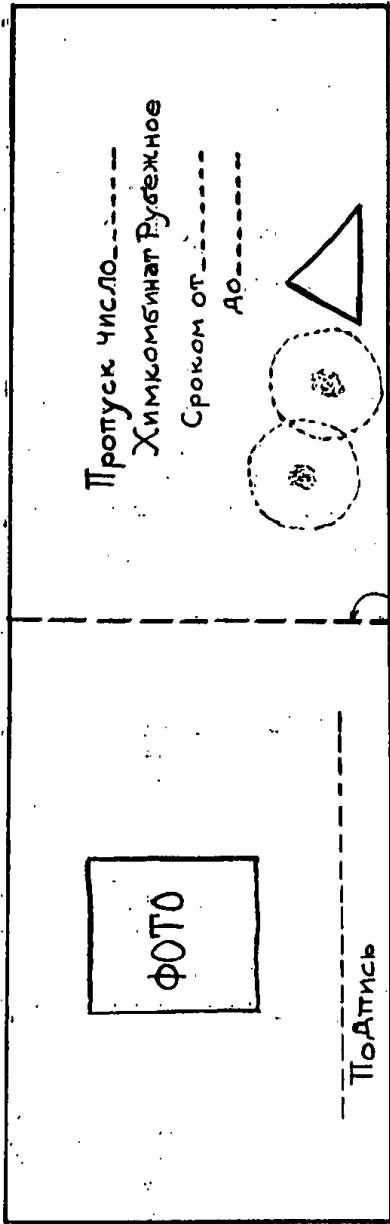
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full size

Inside details of pass used at RUBEZHNYAYA



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