

CLASSIFICATION
CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

Encl 2

COUNTRY Poland
SUBJECT Starachowice Metallurgical Works/Zgoda
Metallurgical Plant

NO. OF PAGES 4 50X1

PLACE ACQUIRED []

NO. OF ENCLS. 2
(LISTED BELOW) (Encl "A" & "B")
50X1

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1. []
2. The Starachowice Metallurgical Works produced chassis for both passenger cars and trucks (1.5 to 3 tons). These chassis were welded after having been stamped and cleaned. Studies on production and its potential increase were intended with an eye to accepting orders for automobile assembly in Lublin. Customers for chassis were Panstwowe Zaklady Inzynierii (State Engineering Works) and Polski FIAT (Polish FIAT).
3. Regarding armored cupolas, tank turrets were made of single castings of high quality electric steel. I do not know the composition of the steel; it was produced by the electric steel works. 50X1
4. There was no basic difficulty in connection with the dimensions of the castings. Weight was limited by the efficiency of furnaces. The heaviest castings [] at Starachowice electric steel works weighed about eight thousand kilograms. This was a roller for rolling equipment in a foundry. Three furnaces were in operation at the same time. 50X1
5. Depending upon the quality of steel, with the maximum production load, and not allowing for stoppages for repair (assuming production is set up for one type of steel), with an average of 15 to 20 heats with a two-day cooling period, removing one casting and setting up for the following one, the average production is assumed to be about 40 to 55 tons of steel in a 24-hour period.
6. Two open-hearth furnaces with production capacity of 16 tons each and three to four heats per day produced

$$2 \times 16 \times 3 \text{ equals } 96 \text{ tons to } 128 \text{ tons}$$

$$2 \times 16 \times 4$$

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The open-hearth furnaces operated on a charge consisting for the most part of scrap, particularly in production of ingots for artillery purposes. [redacted] 50X1
 [redacted] instances of breaking-up and remelting old guns under supervision of 50X1
 military personnel. Large amounts of pig iron were also brought in from Slask, at least enough to satisfy requirements for casting. [redacted] no 50X1
 large source of scrap iron other than the Department of Defense which supplied heavy scrap derived from old demobilized equipment and engines.

7. Zgoda Metallurgical Plant at Swietochlowice, Katowice Wojewodztwo is the key plant for metallurgical and mining equipment [Enclosures (A) and (B)]. It produces and repairs heavy metallurgical machinery, transportation equipment and coal mine hauling equipment, and plant and port hoists and cranes. In 1945 special heavy gears were made for tanks for the Soviet Army under Soviet military supervision. The full working crew of the plant (three shifts) totals two thousand including installation workers. The plant has its own bureau of engineering design.
8. This firm's electric power plant satisfies present requirements and is also part of the Slask electric power system. The plant has four flame boilers with an efficiency of approximately four to six tons of steam per hour. The building is of masonry with dimensions of 35 x 40 x 12 meters high.
9. The foundry specializes in large casts, as for example, wheels for mining winches. The foundry is 40 x 40 x 12 meters high.
10. Machine shops are well equipped with heavy machine tools and tempering furnaces. During World War II, 88 to 105 millimeter gun barrels were produced here. Machine shops are housed in buildings of masonry construction about 16 meters high. The roofs are of steel frame construction covered with boards and tar paper.
11. The shop in which structural steel shapes, hoists, and cranes are produced is 100 x 30 x 12 meters. This division handles practically all the repair work on Szczecin and Gdynia port hoists and cranes.
12. The building which houses the management and the Bureau of Engineering Design is 30 x 20 meters and is four stories high.
13. The metallurgical plant cannot be camouflaged. It can be identified in its relation to the location of Nowy Bytom and Swietochlowice.

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Enclosure (A): Map showing location of Zgoda Metallurgical Plant.

Enclosure (B): Layout of Zgoda Metallurgical Plant.

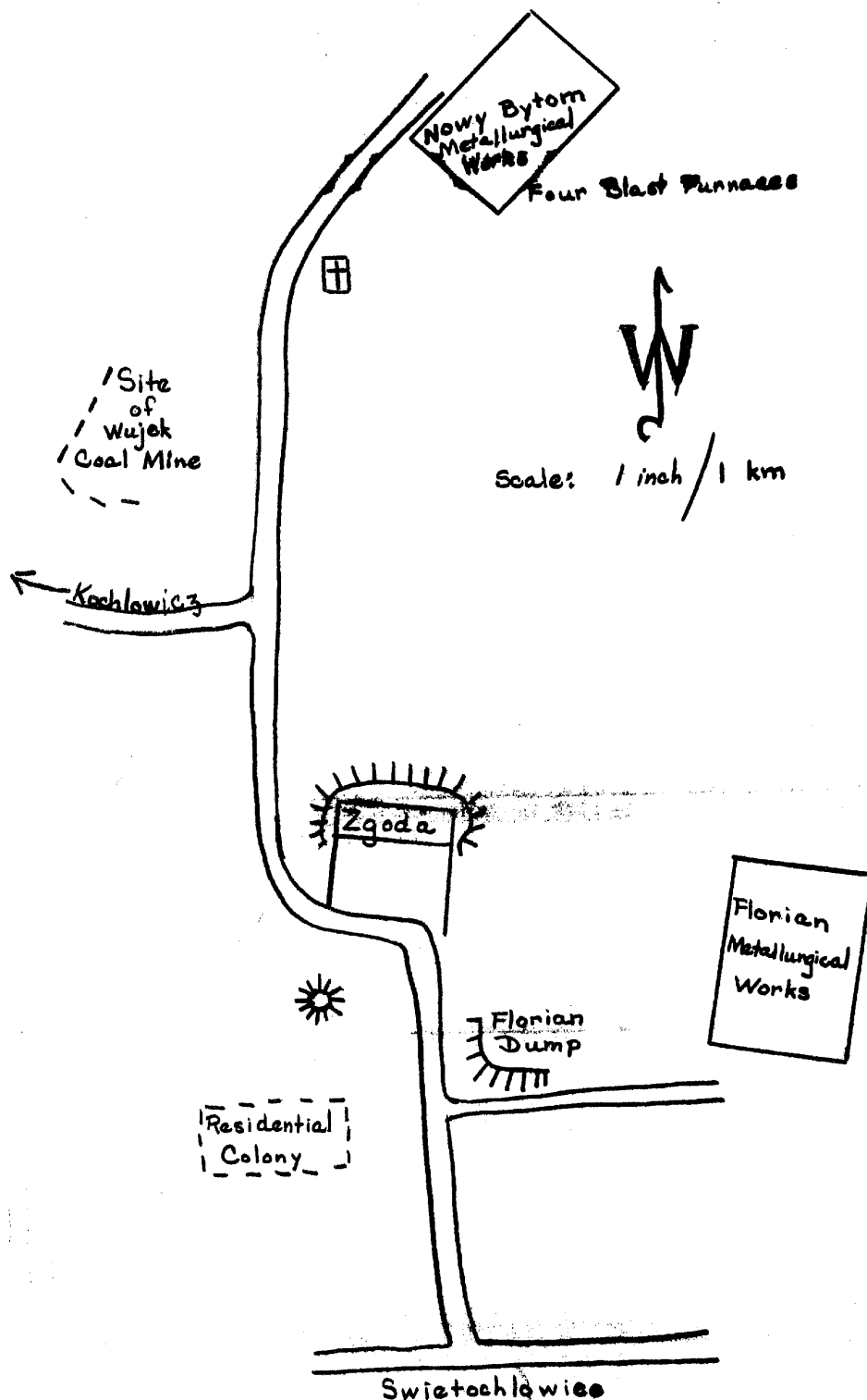
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ENCLOSURE A: LOCATION OF ZGODA METALLURGICAL WORKS

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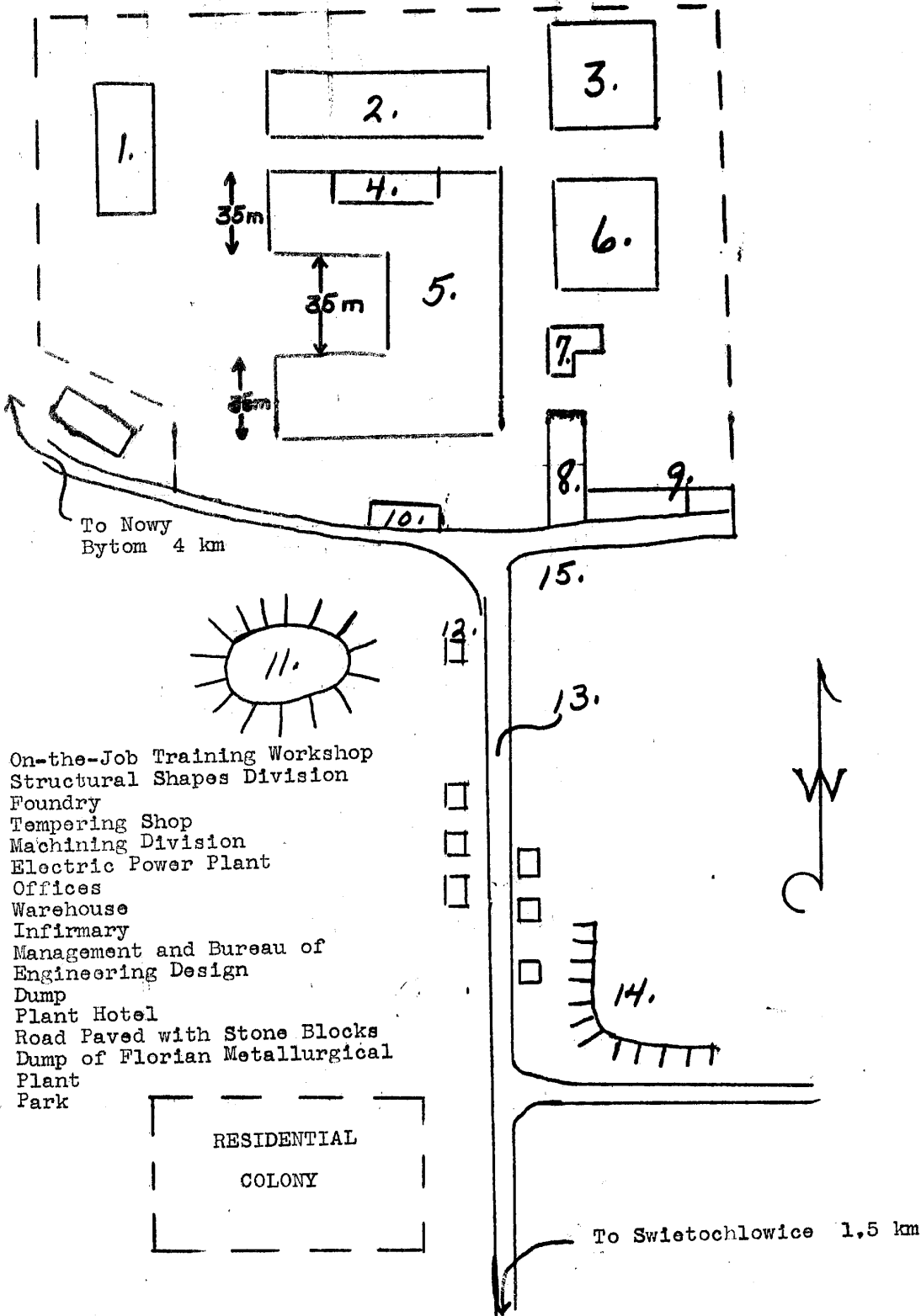


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ENCLOSURE (B) -- LAYOUT OF ZGODA METALLURGICAL PLANT

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- 1. On-the-Job Training Workshop
- 2. Structural Shapes Division
- 3. Foundry
- 4. Tempering Shop
- 5. Machining Division
- 6. Electric Power Plant
- 7. Offices
- 8. Warehouse
- 9. Infirmary
- 10. Management and Bureau of Engineering Design
- 11. Dump
- 12. Plant Hotel
- 13. Road Paved with Stone Blocks
- 14. Dump of Florian Metallurgical Plant
- 15. Park

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