50X1-HUM

CLASSIFICATION

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

COUNTRY East Germany

DATE DISTR. 29 August 1955

SUBJECT Layout and Organizational Setup of the Jena VEB Carl Zeiss

NO. OF PAGES 14

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

50X1-HUM

DATE OF INFO.

SUPPLEMENT TO REPORT

THIS IS UNEVALUATED INFORMATION

50X1-HUM

1. In 1954, the Jena VEB Carl Zeiss included the following plants:

   Jena Main Plant 1
   Jena Southern Plant 2
   Saalfeld Plant 3
   Weimar Plant 4
   Eisfeld Plant 5

50X1-HUM

2. After termination of the dismantling program in April 1947, the Soviet High Command ordered speedy reconstruction of the Zeiss Works. These orders were carried out by GDR government agencies. Between 1947 and 1954, the labor force increased from 5,000 to 18,000 persons. 50X1-HUM The Soviets were greatly interested in a speedy expansion of the works with a view on the one hand, to extracting the highest possible volume of reparation goods and, on the other, to obtain the highest possible volume of high quality export goods - involving heavy outlay for wages and low material costs - for their barter agreements with satellite countries. On this trade depended the success of all efforts to relieve the tense situation in the field of raw materials and foodstuffs. The Soviets, therefore, ordered GDR agencies to allocate a total sum of 70 million DME to VEB Zeiss, one third of which was to be spent on construction of new structures or the repair of war-damaged buildings, one third was slated for the procurement of new machine tools, and one third for the procurement of miscellaneous equipment including such items as steam turbines, elevators, air-conditioners and ventilation equipment, cranes, etc.

3. In 1953 and 1954, no substantial new appropriations were made to VEB Zeiss except for small allocations for special constructions and equipment, machine tools, etc. It may be assumed that a final construction stage was reached in late 1953. At this time, the labor force amounted to 18,000 persons.

S-E-C-R-E-T

CLASSIFICATION

50X1-HUM

STATE	X	NAVY	X	NSRB		DISTRIBUTION					
ARMY	X	AIR	X	FBI							

In 1952, the Seebach subsidiary plant of the Thiel firm was turned over to VEB Zeiss. The Seebach plant, which covered an area of 11,000 square meters, did not suffer any war damage. During the war it had a 3,000-man labor force and manufactured AA fuses after the Thiel/Ruhla clockwork system. The labor force in its majority consisted of captured Soviet men and women. Between late 1952 and early 1953, VEB Zeiss started remodeling of this plant for its own purposes. In 1954, the plant was returned to the VEB Thiel Works in Ruhla. Presumably the plant is engaged in the development of fuses with a view to taking up the manufacture of fuses at a later period.

1. [redacted] Comment. For layout sketch of the Jena VEB Carl Zeiss, see Annex 1.

2. [redacted] Comment. For layout sketch of the Jena Southern Plant of VEB Carl Zeiss, see Annex 2.

3. [redacted] Comment. For layout sketch of the Saalfeld plant, see Annex 3.

4. [redacted] Comment. For layout sketch of the Weimar plant, see Annex 4. 50X1-HUM

5. [redacted] Comment. For layout sketch of the Eisfeld plant, see Annex 5.

6. [redacted] Comment. For organizational setup of the Jena VEB Carl Zeiss, status 1 April 1953, see Annex 6.

[redacted]

Layout Sketch of VEB Carl Zeiss Jena Main Plant

Block No 4	Basement	- storage room
	1st floor	- library
	2nd floor	- Graul's laboratory
	3rd floor	- Measuring laboratory
	4th floor	- Chemical laboratory
	5th floor	- Electrical laboratory
Hall No 5a		dump for waste material, chips, paper, etc.
Building No 6	Basement	- photographic laboratory
	1st floor	- final precision department
	2nd floor	- precision parts shop
	3rd floor	- ZPruef[illegible] (testing shop)
	4th floor	- Wunderlich's engineering bureau
	5th floor	- heliographic and reproduction shop, registration bureau
Hall 5b	Depot of chemical raw material	
Building 7	Basement	- Supply depot and plumber shop
	1st floor	- Outpatient department and paper storage
	2nd floor	- wood-pattern shop
	3rd floor	- ABL offices (sic)
	4th floor	- Weissenborn's LIV-shop
	5th floor	- Apprentices engineering shop and patent department
Block 15	Basement	- Compressors and liquid air equipment
	1st floor	- Joinery and painter shop
	2nd floor	- Electrical workshop
	3rd floor	- ABL offices, hydro (sic)
	4th floor	- Saddler's shop
	5th floor	- Patent office
Block 16	Basement	-Locksmith shop and blacksmith shop
	1st floor	- Carpenter's shop
	2nd floor	- Electrical workshop
	3rd floor	- Offices
	4th floor	- Saddler's shop
Hall 25		Locksmith shop
Hall 25a		Machine repair shop
Block 14	Switching station and storage of electrical equipment	
Block 14 a	Storage of lubricants and solvents	
Building 15	Basement	- Manufacture of abrasives and polishing red
	1st floor	- Mess hall, [illegible] shop, Fire brigade

	2nd floor	- Optics engineering department, chemical laboratory, processing and cleaning of solvents, OBL (sic) administration
	3rd floor	- Spectacle lenses manufacture
	4th floor	- Lens manufacture
	5th floor	- Assembly of **astronomical** instruments (Astro-Montage)
Building 15		old skyscraper
	Basement	- kitchen supply depot
	1st floor	- Mess hall and kitchen, kitchen administration
	2nd floor	- Optics (former machine repair shop)
	3rd floor	- Manufacture of spectacle lenses
	4th floor	- Machine tools F.BL. 50X1-HUM
	5th floor	- Offices and depot
	6th floor	- "Geo-Montage"(assembly of surveyor's or photogrammetric equipment?) and adjusting workshop
	7th floor	- Lens manufacture, and training shop for polishers
	8th floor	- Machine repair shop
	9th floor	- Storage of optical equipment
Building 13	Basement	- Storage of raw glass, cloak room, and materials depot
	1st floor	- Manufacture of machine tools, flat-optics department
	2nd floor	- OEB , reflection and deflection department
	3rd floor	- Manufacture of spectacle lenses
	4th floor	- Manufacture of optical equipment
	5th floor	- Precision assembly and adjusting department
Building 13 a	Basement	- Manufacture of spectacles, abrasive material and polishing red
	1st floor	- Glass cutting
	2nd floor	- Glass pressing and cooling
Building 10	Basement	- Raw materials depot, storage of boxes and advertising material, perforated-card equipment
	1st floor	- Shipping and acceptance office, offices, storage rooms, polishing shop.
	2nd floor	- Sales department, and storage of finished lenses

	3rd floor	- Sales department, adjusting of spectacles
	4th floor	- Storage of camera objectives, photographic laboratory, manufacture of calibrated scales, reproduction department
	5th floor	- Accountant
Skyscraper	Basement	- Depot
	1st floor	- Entrance hall, work police
	2nd floor	- Cashier's office, bookkeeper
	3rd floor	- Sales office
	4th floor	- Sales office
	5th floor	- Lecture room
	6th floor	- Sales managers
	7th floor	- Sales managers
	8th floor	- Administration
	9th floor	- Business management
	10th floor	- Labor manager
	11th floor	- Conference hall and other rooms
	12th floor	- Planning department and administration office
	13th floor	- Production management and administration office
	14th floor	- Legal department
Building 98	Basement	- Laboratories, depot, and Gitter-teilmaschine (grid-drawing machine)
	1st floor	- Purchasing department
	2nd floor	- Sales department
	3rd floor	- Engineering department
	4th floor	- Engineering department
	5th floor	- Photographic department
Building 51	Basement	- Raw-materials depot
	1st floor	- Visitors' room, and manufacture of spectacle fittings
	2nd floor	- Administration and production management
	3rd floor	- Laboratory, administration, and Kobol (engineering office?)
	4th floor	- Chemical laboratory and accountant
Building 9	Basement	- Raw-materials depot
	1st floor	- Automatic-lathes department and FBL (sic) machine-tool shop
	2nd floor	- MBL (sic) finished-parts depot, and development department
	3rd floor	- MBL and FBL management

50X1-HUM

Hall 12		Raw materials depot, metals depot. and cutting department
Building 29	Basement	- Hardening shop and E FBL grinding shop
	1st floor	- MBL manufacture of bulbs, and projectors
	2nd floor	- FBL turning shop
	3rd floor	- FBL acceptance and assembly of cameras, adjusting shop
	4th floor	- DF assembly of opera glasses and "Geo-Montage" (assembly of surveyor's or photogrammetric equipment?)
	5th floor	- Microscope accessories, assembly of microscopes
	6th floor	- MOB (sic) and "Mikrofaserei" (sic) *
Building 11	Basement	- Raw materials depot and depot of special materials; switching station; turning, boring and milling shops.
	1st floor	- MBL turning, boring and milling shop
	2nd floor	- FBL " " " " "
	3rd floor	- Engraving department, FBL and assembly of cameras
	4th floor	- FBL surface treatment, assembly of field-glasses
	5th floor	- Testing and assembly of microscopes
	6th floor	- MOB

*Note: Probably Mikrofaserei (microscope mounting).

50X1-HUM

[redacted]

[redacted] 50X1-HUM

Installations of Jena-Suedwerk status of mid-1954

Building 28 — a single-story building with a basement and, partly, a double basement.

Lower basement: washing rooms, cloak rooms,
Upper basement: castings-cleaning room, laboratory, compressors, repair shop for foundry machinery.
1st floor : iron, metal, and light-metal foundry
Annex : 2 cupola furnaces with smokestack

Building 34 — a five-story building about 26 meters high
1st floor : gears shop, grinding shop
2nd floor : pattern shop
3rd floor : grinding shop and wood-pattern shop
4th floor : electrical workshop
5th floor : administration - supply shop -ZBL (sic)

Building 36 — a four-story building with a basement
Basement : timber depot and miscellaneous
1st floor : Wood-working shop and plastic forcing machines
2nd and 3rd floor: Wood-working shops
4th floor : pattern shop

Building 37 — a four-story building, some 27 meters high, with basement.

Northern portion of basement: cloak rooms, washing rooms and storage rooms

Southern portion of basement: General optics department

1st floor : Flat-optics and prism department
2nd floor : Finished-products depot (to be transferred to Saalfeld), and apprentice shop.
3rd floor : Training shop and class-rooms for apprentices
4th floor : Pressing department, diamond-cutting, and ball treatment

Northern annex:
1st floor : nonspherical optics
2nd floor : Administration

Northeastern annex
1st floor : Outpatient department and sick bays
2nd floor : oscillating quarters
3rd floor : Photoelectric cells

Building 37a — a two-story building some 10 meters high used for ABL craftsmen, construction workers, and electricians (to be converted into optical department)

Building 38 — a four-story building some 24 meters high with a basement.
Basement : cloak rooms
1st, 2nd, and 3rd floor: apprentices' school
4th floor : vocational training

Hall 1 — a single-story building with a wing, partly provided with a basement. Machinery department equipped with 2 x 5-ton cranes and one 10-ton crane.

Hall 2 — a single-story building, partly provided with a basement, housing the **astronomical** equipment department (to be enlarged for the assembly and adjusting of **astronomical** instruments)

Hall 3 — a single-story building with a basement
Basement : Plumbing and punching shop
1st floor : AI equipment[1], portable sound motion-picture equipment, tape recorders

Hall 4 — single-story building with basement
Basement : wood-drying shop, wood-cutting shop, storage room.
1st floor : "astrodome" assembly - storage room - motor-vehicle repair shop - garage

Hall 5 — single-story building, partly with a basement
Basement : pumping station for pressure casting
1st floor : pressure casting and chill casting department - cleaning shop for castings - storage rooms

Hall 7 — single-story building partly with a basement
Basement : kitchen supply depot
1st floor : kitchen and mess hall

Shed 18 — single-story building some 6 meters high without a basement. Housing a low-temperature room, storage room, fire-fighting equipment (scheduled to be transformed into **a hardening shop**).

Shed 26 — single-story building some 10 meters high with a basement.
Basement : storage room
1st floor : kitchen and mess-hall in its southern portion. Acceptance and shipping department is to be installed in the annex.

Sheds 28 and 29 — single-story building some 7 meters high without a basement. Storage rooms and raw materials dump.

Building 22 — a four-story building with basement, formerly housing the carpenter's shop, at present turned over to Jena-Pharm.

Building 23 — four-story building with a basement, formerly housing the spectacle lens manufacture, now turned over to the penicillin production.

1 [redacted] Comment. **Aerial gunnery training device**

50X1-HUM

50X1-HUM

50X1-HUM

Layout Sketch of the Saalfeld Plant

Legend

Building 13	Basement :	semi-finished products turning and milling shop, etc
	1st floor:	Optics and OBB
	2nd floor:	Surface treatment department and optics
	3rd floor:	Assembly and adjusting department
Building 13a		single-story structure housing storage rooms
Building 36	Basement :	ABL workshops, fire brigade
	1st floor:	optics
	2nd floor:	optics
	3rd floor:	management office, assembly shop
Building 38	Basement :	Acceptance department, material depot
	1st floor:	Storage rooms
	2nd floor:	Training workshop
	3rd floor:	rented
Building 39	Basement) 1st floor) 2nd floor) 3rd floor)	rented

50X1-HUM

50X1-HUM

Annex 4

Layout Sketch of the Weimar Plant

Legend.

1 - Former piano factory, turned over to VEB Zeiss in 1953. An old 3-story building with a basement, with weak floors rated at 300 kg/sq.meter, housing aseembly shops and adjusting shops, as well as the management of the production department of 8-mm portable projector equipment and subassemblies (to be delivered to Jena)

2 - Shed without basement with 3,000 sq.meters floor space. Manufacture of subassemblies to be delivered to Jena and of 8-mm portable projector equipment.

3 - Planned concrete 5-story structure, 18 x 170 meters, with a basement. Construction work was not yet under way in late 1954.

Layout Sketch of the Eisfeld Plant

Legend

Building 1	Basement	: storage rooms
	1st floor	: Semifinished products
	2nd floor	: Assembly shop - surface treatment
	3rd floor	: Assembly shop
Building 2	Basement	: storage rooms
	1st floor	: Semi-finished products
Building 3	Shed	
	ABL workshops, garages	
	Fire brigade	
Building 4	Two-story administration building with basement.	

Annex 6

Organizational Setup of the Jena VEB Carl Zeiss

Status as of 1 April 1953.

General Manager

Dr Hugo Schrade

Chief Planning Office (GLIM)

The mission of this office was the coordination of all plans related to production, investments, plant capacity, labor force , research work, construction projects, and finances.

Organizational department

Factory records: Dr Ortlepp
Main accounting department: Dr Rueber
(financial planning and financial control)

Secretariat: Dr Jobst (?) (in charge of the collective work contracts and of the so-called "Strukturkommission")

Technical manager, simultaneously deputy of the plant manager, Rudolf Mueller

Production manager : Dipl.Ing.G. Schmitz

Chief technologist : Dipl.Ing.Reindl (fnu), chief of the technical office and responsible for the technological setup of the production process.

Chief construction manger: Dipl. Ing. Trostmann (fnu) (investments, execution and control of projects)

Management of F-department: Ing. Blume (fnu), in charge of the manufacture of camera objectives, field-glasses, precision measuring sets, surveyor outfits, photogrammetric equipment, projectors, motion-picture projectors, **astronomical** equipment, electrical equipment, electronic microscopes, calibrated scales (Feinteilerei)

Management of L-department: Ing. Thiele (fnu) The department included the manufacture of microscopes, measuring sets, medical equipment, and opthalmological equipment.

Management of O-department: Ing. Schubert (fnu). This department included the manufacture of glass, crystal and optical lenses, prisms, and calibrated scales, diamond dies, bearing stones, oscillating quartzes, precision balls.

Annex 6

Management of spectacle lenses department
Ing. Grossherr (fnu)

Management of Z-department (Zulieferungsbetrieb = subsidiary department); Dr. Ing. Bartsch (fnu). This department included the manufacture of machinery, the machine repair shop, the foundry, the carpenter shop, pattern shop, plumber shop, punching shop, manufacture of tools, and cogwheel shop.

Management of A-department (Allgemeine Betriebsleitung = General Management) headed by Dipl. Ing. Viehl (fnu). This department included the power plants and the production of steam, the planning and execution of construction projects, manufacture of electrical equipment, hoisting gear, elevators, ventilation and air-condition equipment, compressed air, gas, hot water, heating equipment, technical furnaces, etc.

Management of L-department (Lehrlingsbetrieb = apprentice department) headed by Ing. Rombach (fnu), supervising apprentice training and all kind of vocational training.

Management of S-department (Saalfelder Betrieb = Saalfeld Plant) headed by Ing. Kohler (fnu).

Management of W-department (Weimarer Betrieb = Weimar Plant) headed by Ing. Gerhard Senf.
A management for the Eisfeld Plant is to be established at a later period.

Chief business manager
Dr. Hueber (fnu)

Sales department, headed by Fromm (fnu)
Procurement department, covering subdepartments for the purchase of materials, semi-finished parts, tools and equipment, financial management.

Finance department, headed by Petermann (fnu) in charge of all financial activities.

Labor manager
Fritz Roehrdanz

Table of organization, technical work norms (TAN = Technische Arbeitsnormen), salaries, wages, and bonuses.

Cultural manager.

Political training, health service, outpatient department, kindergarten, food supply, kitchen, and sports activities.

WHL (Main scientific department) = Wissenschaftliche Hauptleitung)
Dr. Paul Robert Goerlich

Including research activities, and development work. This department consisted of the following subdepartments:

Prof. Kurt Schuster's department (electrical equipment, electronic microscopes, supersonic apparatus, etc.)

50X1-HUM

Dr. Harry Zoellner's department (camera objectives, and other special objectives)

Dr. Lukas' department (measuring sets, spectrographs, etc)

Dr. Karl A. Sonnefeld's department (computation of objectives, astronomical instruments, non-spherical lenses, etc.)

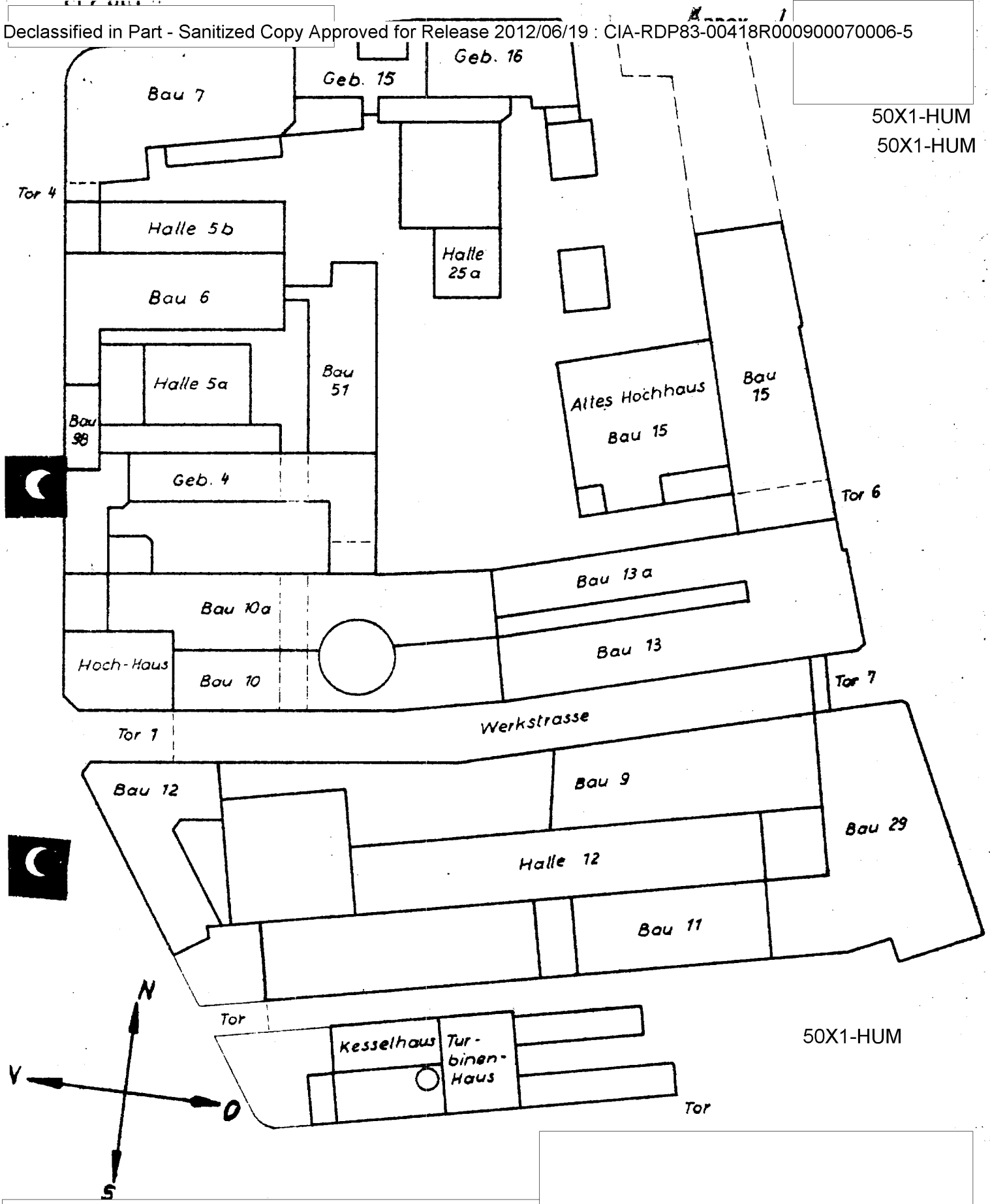
Dr. Boegehold's department (computation of microscope objectives)

EHL (Entwicklungs-hauptleitung = Main development department) Dr. Herbert Kortum	This department controlled the work of all designing bureaus attached to the individual production departments. It also supervised Entwicklungsbuero W (tools development department), and Entwicklungsbuero M (machine development department)
PHL (Personalhauptleitung = personnel management)	Assignment of cadre personnel selecting only able and politically reliable persons.
BPO (Betriebs-Partei-Organisation = SED works organization)	Communist control center established by the SED Central Committee
BGL (Betriebs-Gewerk-schafts-Leitung = local trade union management) headed by Fritz Wolf His deputy is Seifart (fnu)	The FDGB control organ

50X1-HUM

1. [redacted] Comment: Dropped from plant January 1955 [redacted]

[redacted]



50X1-HUM

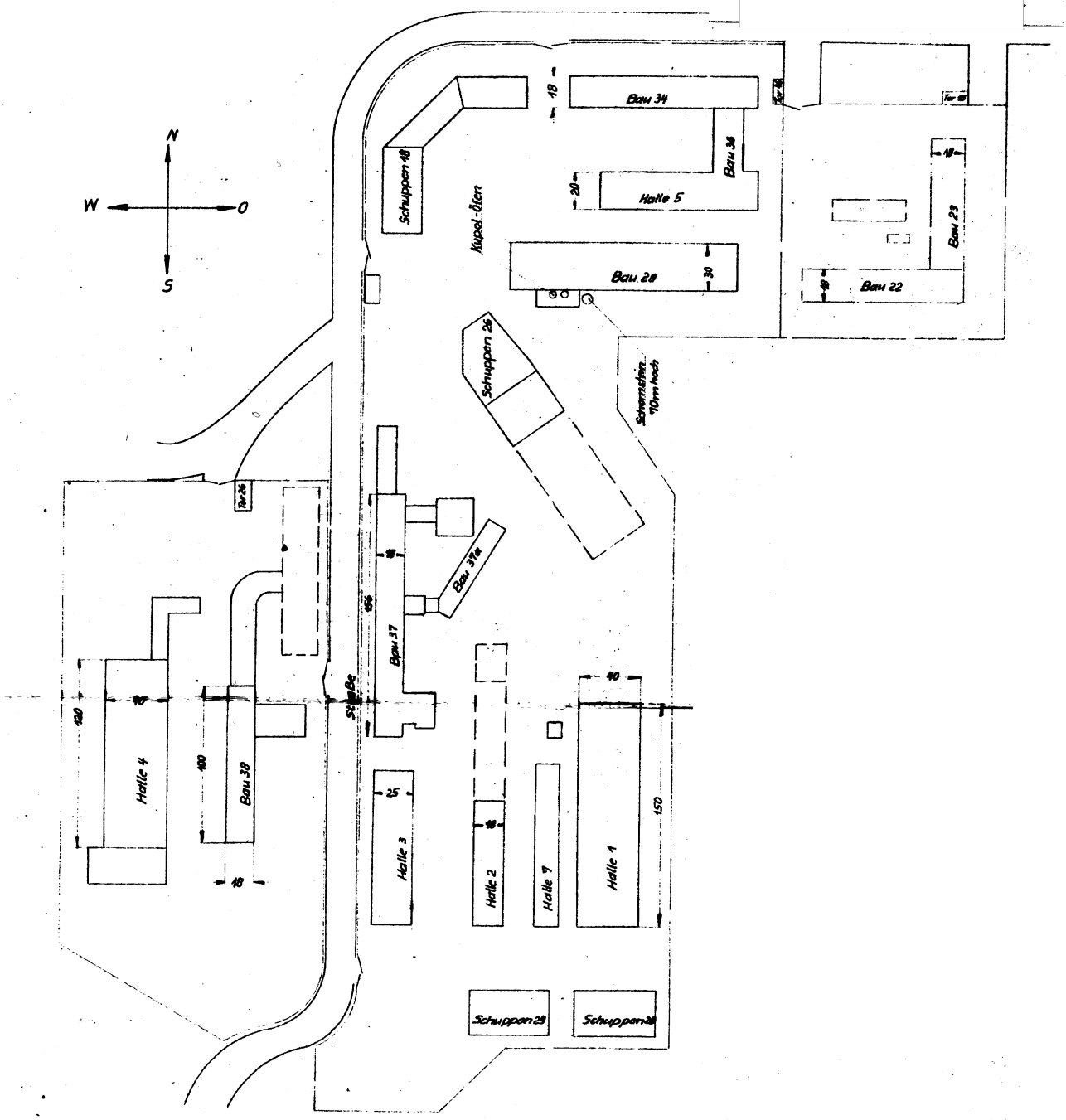
50X1-HUM

50X1-HUM

Annex 2

SECRET

50X1-HUM

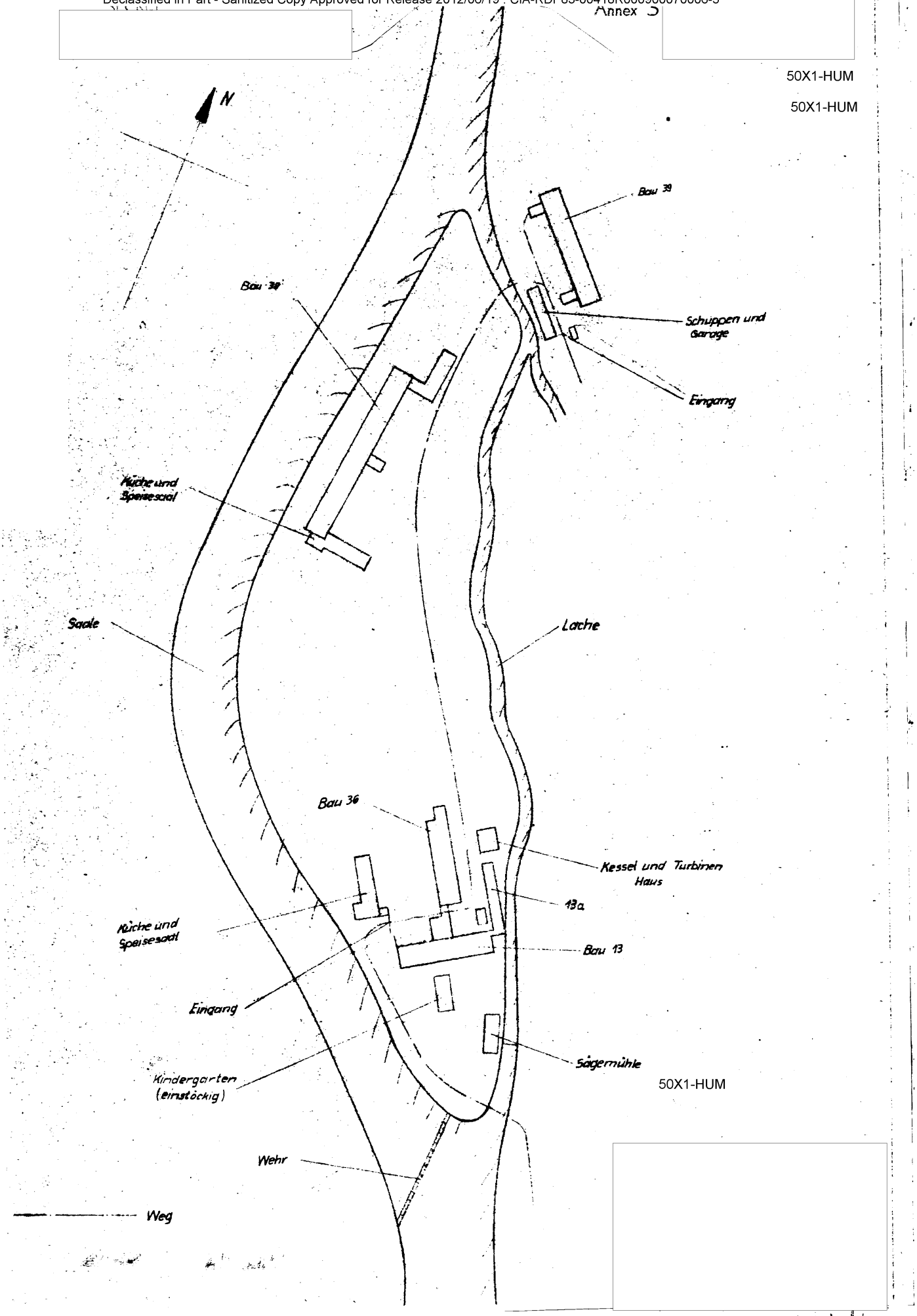


50X1-HUM

Annex 3

50X1-HUM

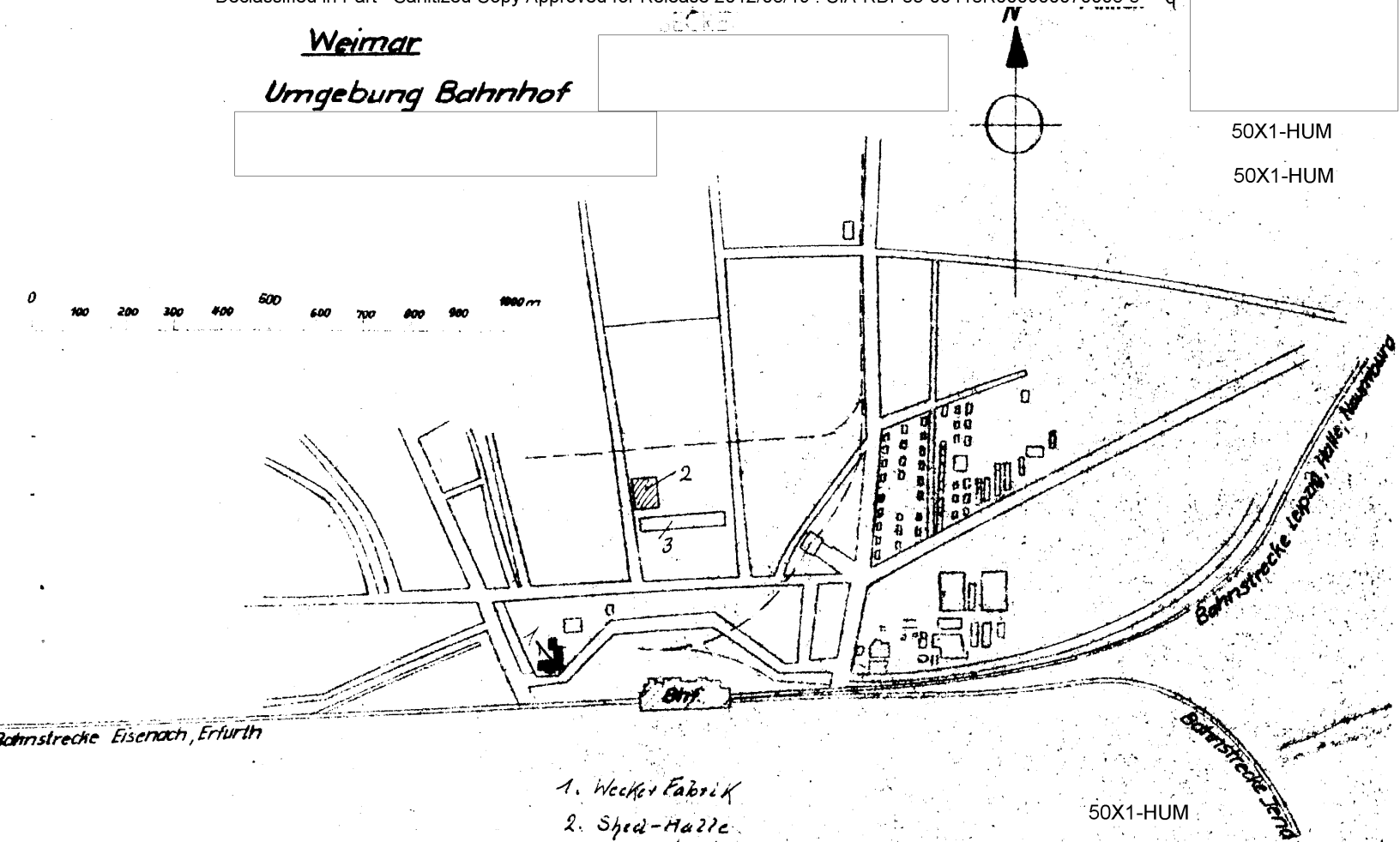
50X1-HUM



50X1-HUM

Weimar

Umgebung Bahnhof



1. Wecker Fabrik
2. Shed-Halle
3. geplanter Fertigungsbau

SECRET

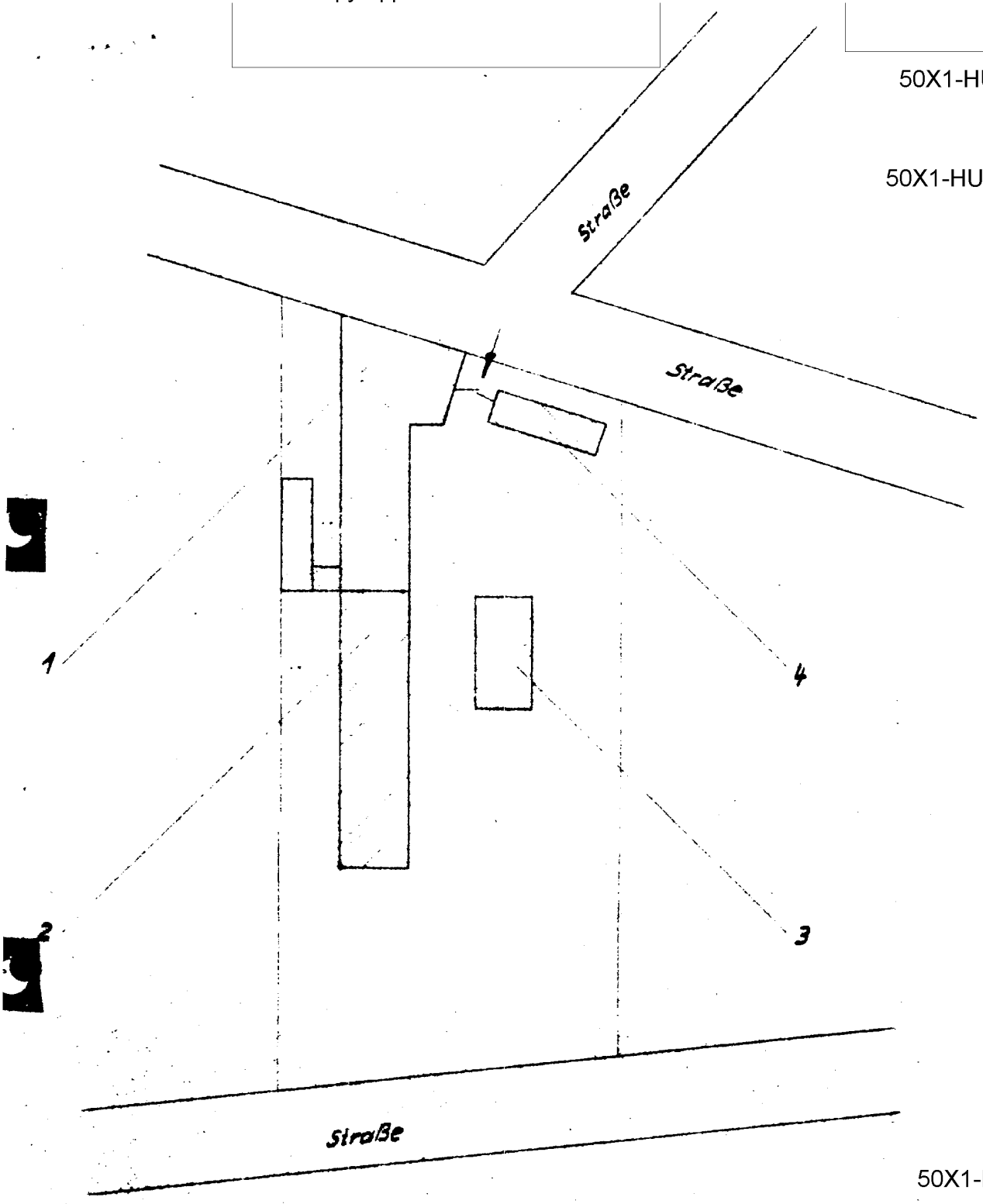
50X1-HUM

50X1-HUM

50X1-HUM

50X1-HUM

50X1-HUM



50X1-HUM

50X1-HUM