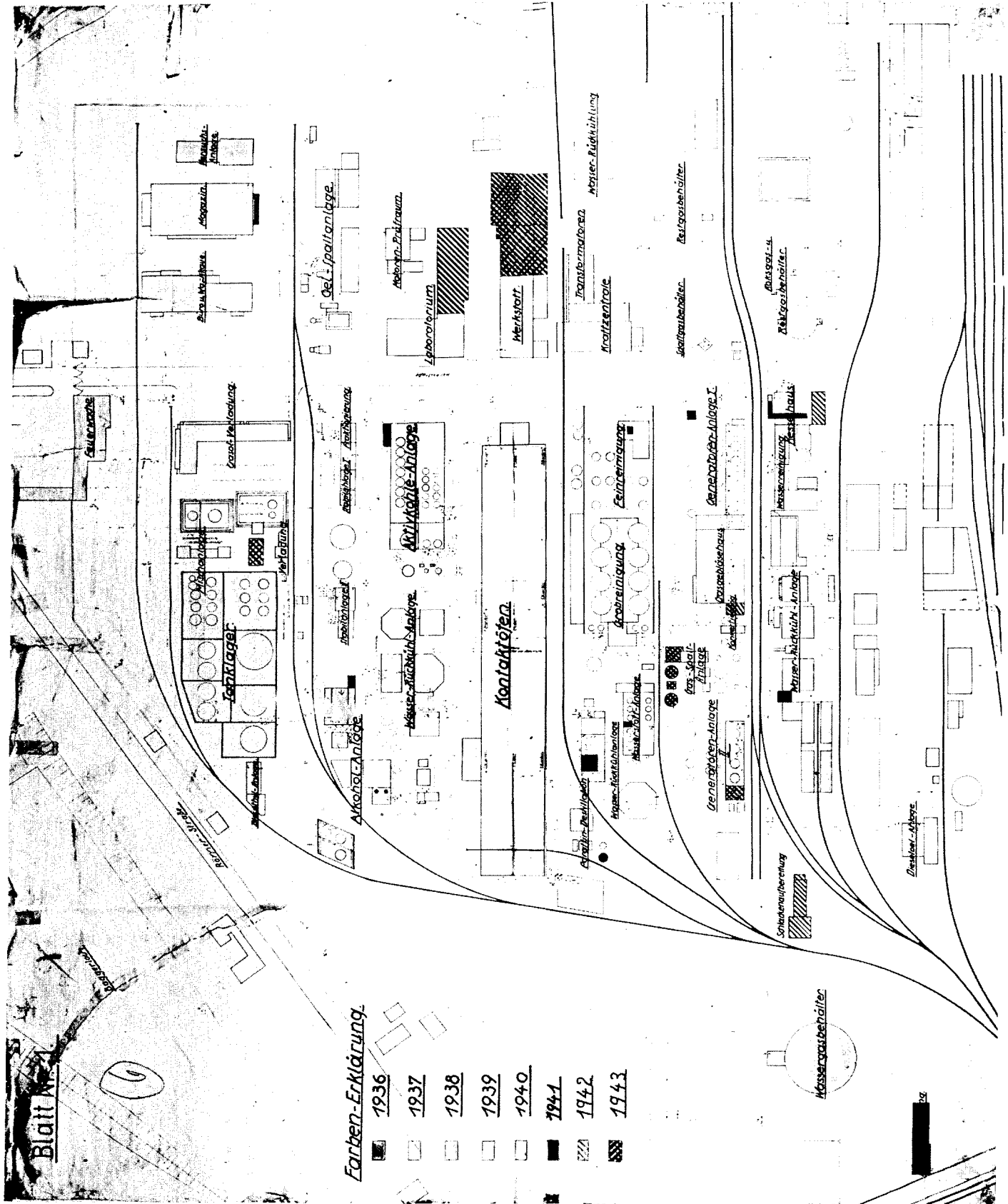


III Plant Layout

Among the documents seized were large plot plans of the coking plant (Plan No. 3) and of the synthetic fuel plant (Plan No. 6). The latter has been reproduced as Figure 3 page 6 and both have been used to check the identity of the buildings in the target area against the identities shown by Figure 4 which was the best previous information. In table I page 8 is a list of only those buildings for which more accurate or more informative identification could be obtained from the plantplans. In general the previous identification was sufficiently accurate for the purpose at hand. However it will be noted that the laboratory building, 96, was thought to be a workshop, while the engine testing laboratory, 97, the research laboratory, 120, were unidentified. Building 121 thought to be a laboratory or workshop proved to be a storehouse. These mistakes are not surprising in view of the similarity in structures of the buildings in question. Just southwest of the research laboratory, 120, was a new building for pilot plant research not shown in the DID plan. In the area just north of gasholder 95, was a large bomb shelter or "bunker", also not indicated on Fig. 4. This was reported to be capable of sheltering 600 to 1000 people and appeared to have suffered no real damage from bombing.

From one of the captured plot plans of the Treibstoffwerke it is possible to determine the years in which various additions to the plant were made. It is assumed that the pilot plant research building, southwest of building 120, and the bunker were built in 1944 since they are not shown on the plan which includes 1943 construction.

In normal times the synthetic fuel plant (Treibstoffwerke) employed about 1000 men and women in the operating departments and about 25 research workers.



- Farben-Erklärung.
- | | |
|--------------------|------|
| [Solid Black] | 1936 |
| [Diagonal Lines /] | 1937 |
| [Diagonal Lines \] | 1938 |
| [Horizontal Lines] | 1939 |
| [Vertical Lines] | 1940 |
| [Stippled] | 1941 |
| [Cross-hatch] | 1942 |
| [Wavy Lines] | 1943 |

Figure 3

Plot Plan of Synthesis Plant
Rheinpreussen Moers

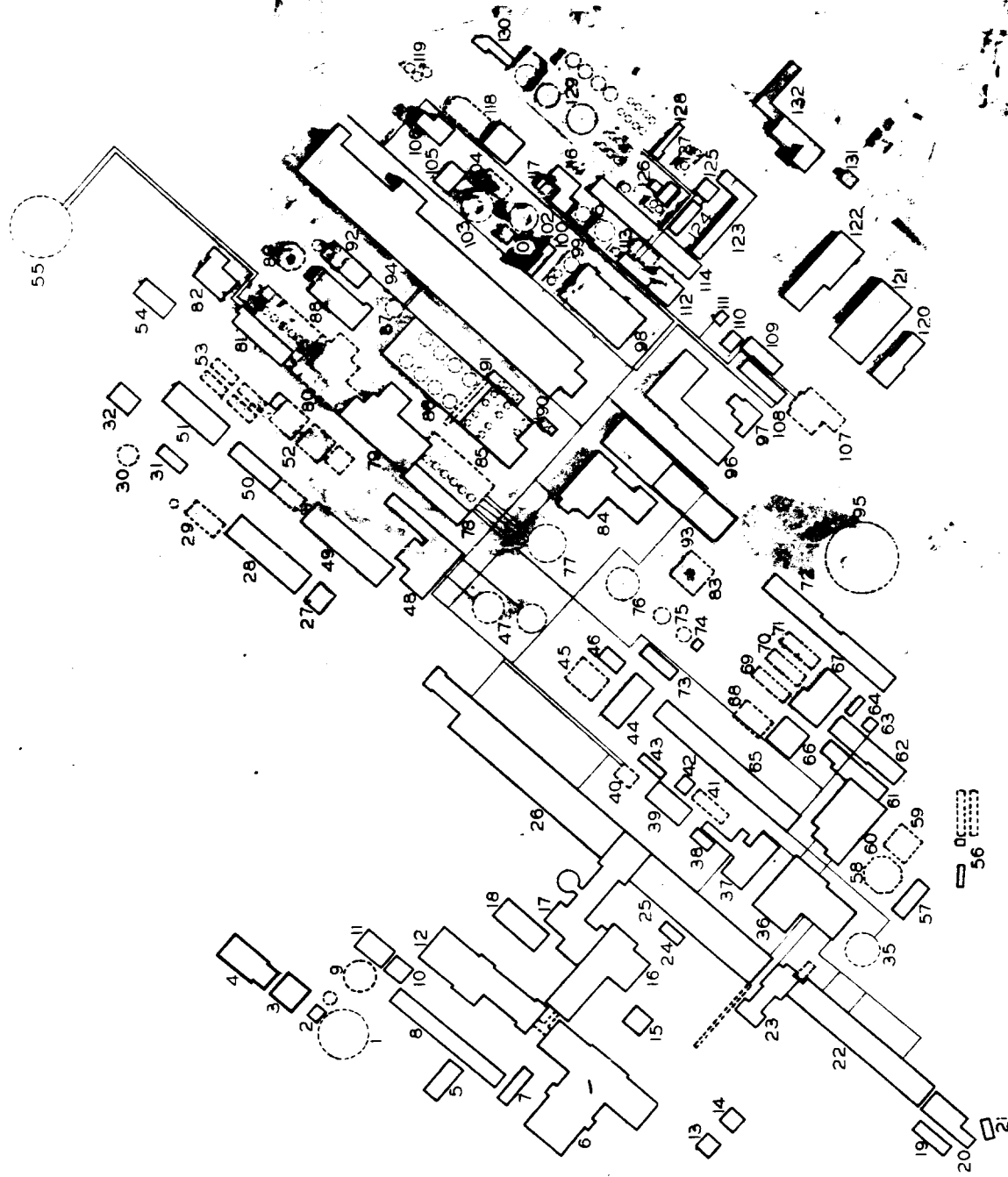
RESTRICTED

- 1. Two filter tanks?
- 2.
- 3.
- 4.
- 5.
- 6. Colliery offices.
- 7.
- 8. Lamp rooms, etc.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16. Mine headgear.
- 17. Brushing and loading plant.
- 18.
- 19.
- 20.

- 21.
- 22. Modern coke oven plant and crushing plant.
- 23. Cooling tower.
- 24.
- 25,26. Old coke oven plants.
- 27.
- 28.
- 29. Storage cylinders.
- 30.
- 31.
- 32.
- 33.
- 34.
- 35. Cooling tower.
- 36. Condensation and tar recovery.
- 37. Tar stills.
- 38.
- 39. Distillation unit.
- 40.

- 56. Water purification?, Mineral dumps and pitch bays.
- 57. Pump house.
- 58. Cooling tower.
- 59. Cooling tower.
- 60. Boiler house.
- 61. Covered loading bay.
- 62. Pump house.
- 63.
- 64.
- 65. Ammonium sulphate preparation.
- 66. Ammonium sulphate factory.
- 66,67. Linde plant.
- 68. Cylinder storage.

- 69-71. Cooling towers.
- 72. H₂S removal boxes.
- 73.
- 74.
- 75. Two benzol tanks.
- 76. Washholder.
- 77. Wet gasholder.
- 78. Water gas plant.
- 79. Blower house.
- 80. Converter unit.
- 81. Water gas plant.
- 82. Pump house.
- 83. Cooling tower.
- 84. Pump house.
- 85. Organic sulphur removal.
- 86. H₂S removal.
- 87. Let down point.
- 88. Nitrogen plant.
- 89. Cooling tower.
- 90. Catalyst recovery.
- 91. Nitrogen plant.
- 92.
- 93.
- 94. Contact oven house.
- 95. Dry gasholder.
- 96. Workshops.
- 97.
- 98.
- 99.
- 100. Condensers.
- 101.
- 102,103. Cooling towers.
- 104.
- 105.
- 106. Condensation columns.
- 107. Storage cylinders.
- 108-111. Distillation plants.
- 112. Distillation plant.
- 113.
- 114. Distillation plant.
- 116,117. Distillation plant.
- 118.
- 119.
- 120. Laboratory or workshop.
- 121. Main offices.
- 122. Packed products shed.
- 123.
- 124.
- 125.
- 126-128. Distillation plant.
- 129. Twenty two oil storage tanks.
- 130.
- 131.
- 132. Covered loading bay.



**FISCHER-TROPSCH SYNTHETIC OIL PLANT OF
GEWERKSCHAFT RHEINPREUSSEN**

HOMBERG (MEERBECK) GERMANY

D I D PLAN NO. 511 RF - 1/2850
DETAILED INDUSTRIAL DAMAGE ANALYSIS SECTION, A. C. I. U.

STRUCTURES SHOWN ON COVER PRIOR APR. 1941 ON COVER AFTER APR. 1941

STRENGTHENING WORKS SHOWN ON COVER AFTER APR. 1941

TABLE I.

Correction and Amplification of
Building Identities

Building Number	Assumed	Identity	Actual
1 - 5			Not shown on plans.
10 - 11	Unknown		Locomotive shops.
12	"		Workshops.
13	"		Gatehouse.
14	"		Lunch room.
15	"		Conveyor machinery.
17	Crushing & loading		Washing.
18	Unknown		Compressors.
23	Cooling tower		Coke conveyor.
24	Unknown		Coke breaker.
28	"		Pitch casting plant.
30	"		Impregnating oil tank.
32	"		Diesel oil refining.
33	"		Decarbonating plant.
34	"		" "
36	Condensation & tar recovery		Power house.
37	Tar stills		Boiler house.
39	Distillation unit		Pump house.
40	Unknown		Gas cooler.
41	"		" "
49	"		Distillation building.
50, 51	Ammonium Sulfate Preparation		Tank pits and Crystallizing building.
53	Pitch bays		Water settling basins.
55	Wet gas holder		Water gas holder.
56	Water purification		Water settling basins.
57	Pump house		Permutit plant.
62	Pump house		Store house.
73	Unknown		Cooling pans.
74	"		Pump house.
76	Gasholder		Holder for residue gas.
77	Wet gasholder		Holder for "cracked" gas.
84	Pump house		Central power house.
88	Nitrogen plant		Hydrogen plant.
92	Unknown		Paraffin distillation.
93	"		Machine shops.
96	Workshops		Laboratory.
97	Unknown		Engine test laboratory.

TABLE I (continued)

Building Number	Assumed	Identity	Actual
98	Unknown		Charcoal absorption towers.
99	"		Water scrubbers.
106	Condensation columns		Alcohol plant.
107	Storage cylinders		Oil cracking unit.
108 - 111	Distillation plant		" " "
113	Unknown		Stabilization unit.
117	Distillation plant		" "
118	Unknown		Alcohol plant.
120	"		Research laboratory.
121	Lab. or workshop		Storehouse.
123	Packed products shed		Liquefied gas shipping.
124	Unknown		Liquefied gas storage.
125	"		" " "
126	Distillation plant		Liquid fuel shipping.
127	" "		Liquid fuel blending.
128	" "		" " "
130	Unknown	Lead tetraethyl blending.	
131	"	Gate house.	
132	Covered loading bay	Fire apparatus & garage.	