

TOP SECRET

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PHOTOGRAPHIC INTERPRETATION REPORT



[Redacted]

LENINGRAD ARMAMENT AND
TANK PLANT BOLSHEVIK 232

LENINGRAD, USSR

Declass Review by NIMA / DoD

[Redacted]

JULY 1965

COPY

5 PAGES

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GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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LENINGRAD ARMAMENT AND TANK PLANT BOLSHIEV 232 LENINGRAD, USSR

SUMMARY

The Leningrad Armament and Tank Plant Bolshiev 232 in the outskirts of Leningrad, USSR, has produced heavy guns and other armament in the past. The majority of the structures in the plant were present in [redacted]. Two large buildings constructed since [redacted] contain sections capable of housing vertical checkout and testing facilities for missiles.

[redacted] is located at 59-51-40N 30-28-40E in the southeastern outskirts of Leningrad, USSR (Figure 1). The plant is reported to have produced naval, coastal, and anti-aircraft guns as well as other armament. 1/ This report is based on overhead photography of [redacted]

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25X1D

DESCRIPTION OF PLANT

The Leningrad Armament and Tank Plant Bolshiev 232 (BE No [redacted])

Plant 232 (Figure 2) occupies a site measuring approximately 5,200 by 1,700 feet on the west bank of the Neva River; the site is secured by a wall on the landward side. The

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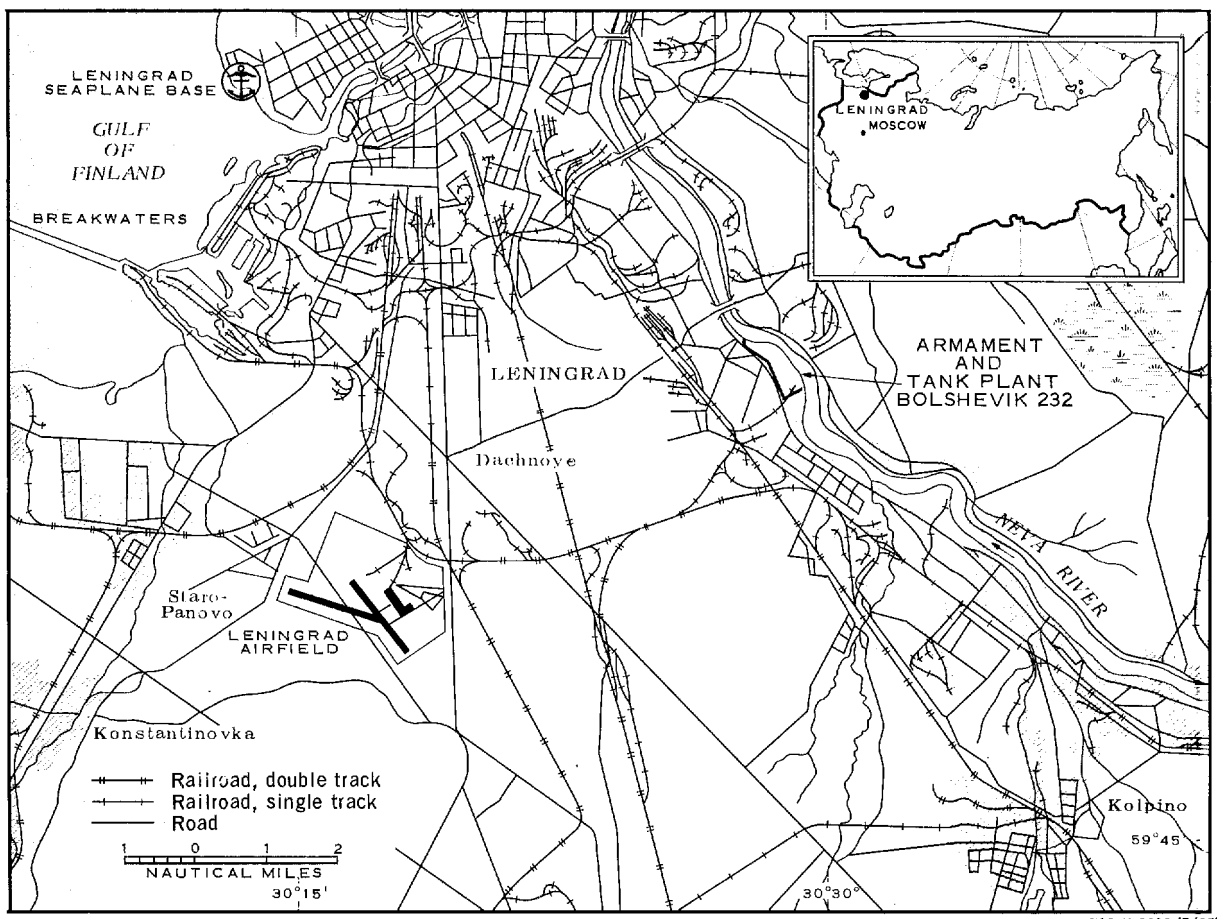
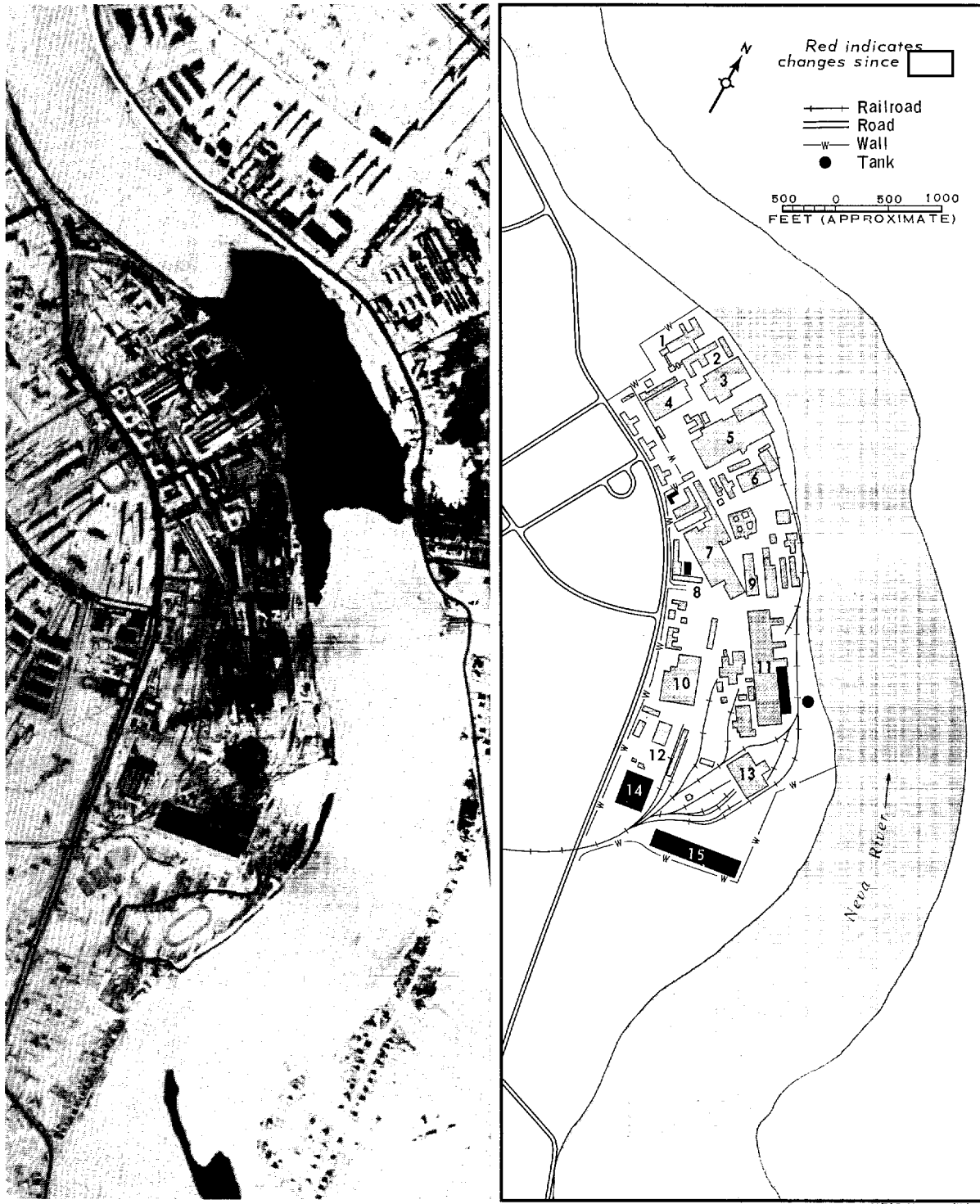


FIGURE 1. LOCATION MAP.

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FIGURE 2. LENINGRAD ARMAMENT AND TANK PLANT BOLSHEVIK 232, LENINGRAD, USSR, [redacted]

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plant contains 15 major buildings representing a roof coverage of about 1,636,800 square feet and approximately 45 other structures. The major facilities include an open-hearth furnace, probable rolling mills, assembly buildings, machine shops, storage buildings, and administration buildings.

The only significant changes in the plant since [redacted] Among the additions were 2 buildings which may have a missile association (items 14 and 15, Figure 2).

Building 14 is a monitor-roofed machine shop which was observed under construction in [redacted] The building is 55 feet high, and it includes a corner tower 90 feet high which measures 40 by 40 feet. Building 15 is a 2-level high-bay assembly and checkout building which was under construction in [redacted] It measures

830 by 185 feet; the 2 bays are 80 and 45 feet high. Both buildings have capabilities for vertical missile checkout and testing operations. Figure 3 presents a perspective view of Buildings 14 and 15. The only other building of significant height at Plant 232 is an assembly and shop building (item 5) which was present in [redacted] this building, probably used for gun-barrel production, has a 55-foot high bay measuring 265 by 140 feet. Other new construction at the plant since [redacted] includes an addition to the reheat furnace (item 11) in [redacted] an office building in [redacted] and an addition to a storage building (item 8) in [redacted]

Descriptions and the dimensions of the major buildings in Plant 232 are presented in Table 1; because of the irregular shapes of most of these structures, only the overall measurements of length and width are given.

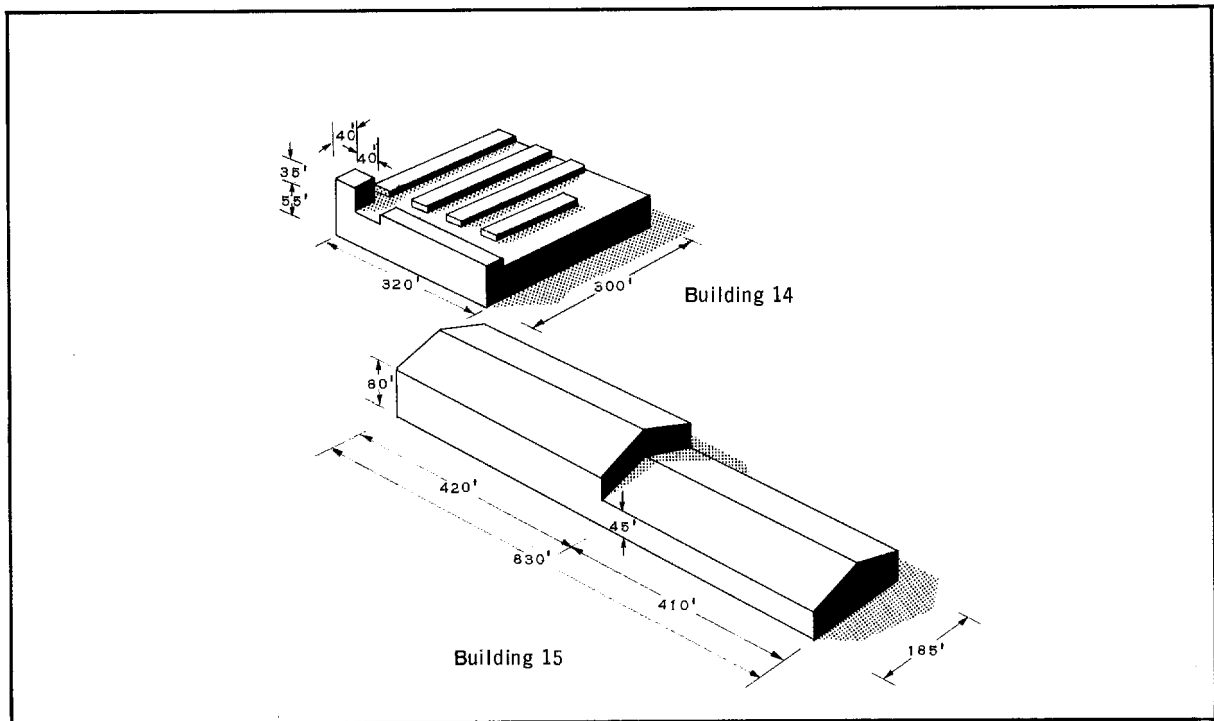


FIGURE 3. PERSPECTIVE VIEW OF BUILDINGS 14 AND 15 AT PLANT 232.

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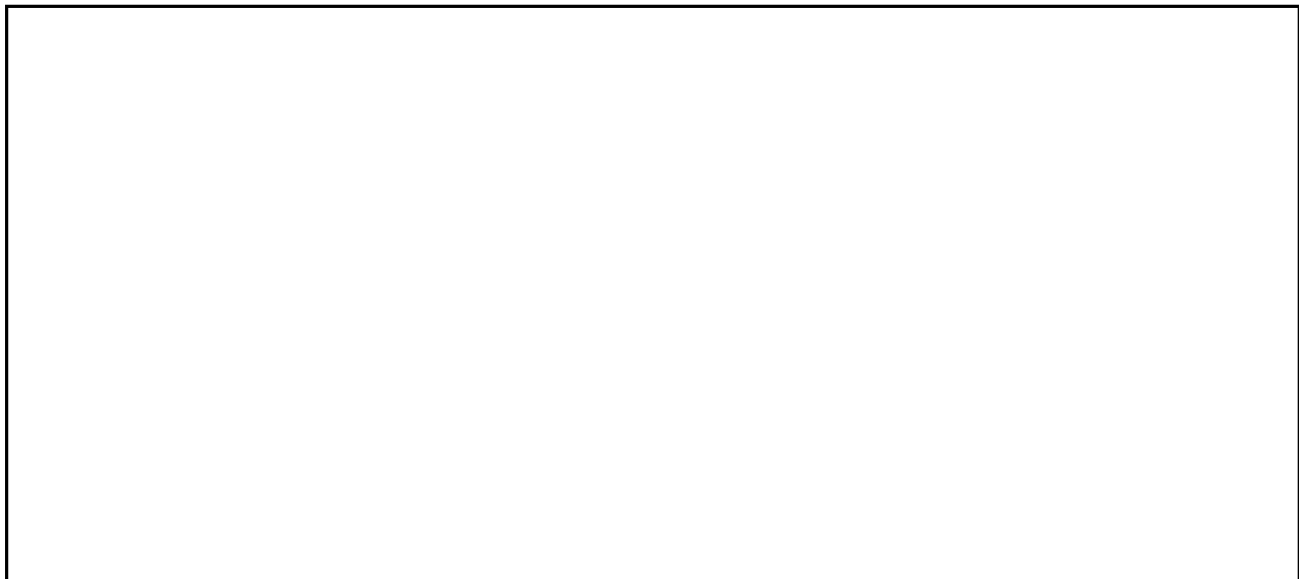
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Table 1. Major Buildings In Plant 232

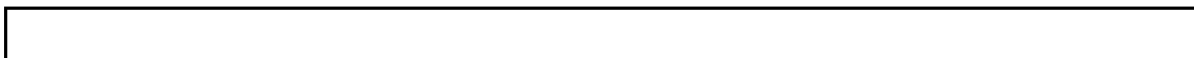
Item	Description	Overall Dimensions (ft)	Roof Coverage (sq ft)
1	Administration bldg	415 x 160	34,400
2	Administration bldg	385 x 235	40,250
3	Machine shop	460 x 280	96,250
4	Probable assembly bldg	430 x 115	48,400
5	Assembly and shop bldg High bay: 265 x 140 x 55 ft high	765 x 435	176,200
6	Machine shop	275 x 210	57,750
7	Probable rolling mill	1,170 x 425	248,000
8	Storage bldg	400 x 300	59,700
9	Probable machine shop	485 x 145	56,575
10	Storage bldg	430 x 290	116,750
11	Reheat furnace and rolling mill	1,110 x 375	342,625
12	Bulk products storage bldg	175 x 90	15,750
13	Open-hearth furnace	440 x 215*	94,600
14	Machine shop Corner tower: 40 x 40 x 90 ft high	320 x 300	96,000
15	Assembly and checkout bldg High bay: 420 x 185 x 80 ft high Low bay: 410 x 185 x 45 ft high	830 x 185	153,550
Total Roof Coverage			1,636,800

*Dimensions of main structure only.

AERIAL PHOTOGRAPHY



MAPS OR CHARTS



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[redacted] [redacted]

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REFERENCES (Continued)

DOCUMENTS

- 1. NSA. 3/ARU-E/C3496, *Evidence of Production of Gun Factory No 232, Leningrad, at PVO Unit in Crimea*, 28 Dec 62 (TOP SECRET [redacted])

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RELATED DOCUMENTS

CIA. HTA-M33-57, *Armament and Tank Plant Bolshevik 232, Leningrad, USSR*, 8 Jul 57 (TOP SECRET [redacted])
[redacted]

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REQUIREMENT

NSA. P0432/R52-65

NPIC PROJECT

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