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## РАБОТЕН ПРОЕКТ

**Обект:** 1550/ Район за обслужване и боеприпаси във войскови район 1550 – Граф Игнатиево  
**Project:** 1550 / Area for servicing armaments and ammunition in military area 1550 - Graf Ignatievo

**Подобект:** 1550/Хангар за обслужване и ремонт на горивната система на самолет F-16 във войскови район 1550 – Граф Игнатиево  
2. Aviation ammunition service building

**Част:** Геодезия  
**Volume:** Geodesy

**Фаза:** Работен проект  
**Design stage:** Working Design

**Възложител:** Министерство на Отбраната чрез Главна дирекция „Инфраструктура на отбраната“  
**Client:** Ministry of Defence through the General Directorate for Defence Infrastructure

Редакция/ revision:	Дата/ Date:	Р-л Проект/ Project Manager:	Проверил/ Checked by:	Одобрил/ Approved by:
1	06.06.2022	инж. Ю. Орманлиев Eng. J. Ormanliev		

Проектант/ Designer:

Инж. Кр. Зиновиев / Eng. Kr. Zinoviev

Архитектура / Architectural	арх. Ат. Димитров / Arch. At. Dimitrov	.....
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Геодезия / Geodesy	инж. Красимир Зиновиев/ Eng. Kr. Zinoviev	.....
ВИК / Water supply and sewerage	инж. Г. Карамуков/ Eng. G. Karamukov	.....
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Пожарна безопасност / Fire safety	инж. Eng.	.....
ПБЗ / Health and Safety	инж. Д. Спасов / Eng. D. Spasov	.....
План за управление на строителните отпадъци /Waste Design	инж. Д. Спасов/ Eng. D. Spasov	.....
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София/Sofia, 2022

## **EXPLANATORY NOTE**

The current investment project, in the conceptual design phase, has been prepared on the basis of a contract № VI-06-90 / 17.12.2020, with subject: Design and execution of construction and installation work on site: „1550 / Hangar for maintenance and repair of the fuel system of an aircraft F-16 in the military area 1550 - Count Ignatievo.

The project was prepared on the basis of an initial assignment for investment design with reg. 16.

The site is part of the necessary infrastructure to meet the requirements for acceptance and operation of the F-16 Block 70 aircraft.

The subject and goal of the investment project is the construction of a hangar with the necessary adjacent infrastructure, which will provide the necessary conditions for the maintenance, maintenance and repair of the F-16 Block 70 aircraft.

Location of the site - on the territory of the active Military District № 1550 - Count Ignatievo, with user Military formation 28000, in a land property constituting public state property, according to APDS № 0061 from 09.04.1998.

The exact location of the site is in the new area for maintenance and repair of the F-16 Blok 70 aircraft, located south of the southern highway taxiway.

A geodetic survey made in 2021 and 2022 was used to make the project.

For the territory designated for construction, a contour for the scope of design provided by the Contracting Authority is provided. According to a separate project, the road connections in front of the hangar are presented.

The geodetic survey has been transformed into the Cadastral Coordinate System BGS2005, and an ellipsoidal altitude system, as the altitudes have been transformed by means of the software product BGSTrans 4.5.

Drainage will be done by gravity, with a smooth change of slopes.



The zero level of the building has been determined - 198.00 m. Sidewalks have been designed, and the transverse slopes are accepted at 1.0% and 2.0%.

The vertical planning is presented in Annex 1.

Appendix 2 presents a tracing carnet for tracing characteristic points of the engineering infrastructure.

Appendix 3 presents a cartogram of earthworks.

In connection with the performed design, folders were handed over to the investor, each of which contains:

- Vertical planning, M 1:250;
- Stakeout plan, M 1:250;
- Cartogram of earthworks, M 1:250;
- Quantitative accounts;
- Certificates and certificates.

Made by: . . . . .  
/eng. Krassimir Zinoviev/