

TECHNICAL DESCRIPTION

of a zip line, in N.P. Pelister

1. GENERAL INFORMATION

1.1 Introduction

The preparation of the Project for the construction of a zip line, in N.P. Pelister, K.O. Magarevo, KP. no. 351/6, Municipality of Bitola, is in accordance with the requirements and needs of the investor, after consultations and meetings of the planners and the investor. The project documentation is prepared in accordance with the applicable legislation, standards and regulations for the construction of this type of facilities.

1.2 Location

The zip line is located at KP. no. 351/6 in KO Magarevo, Municipality of Bitola. The location is accessible, because it is located in close proximity to the so-called "Kamena Reka" in N.P. Pelister.

2. DESCRIPTION OF THE NEW FUNCTION

2.1 Function

The zip line will be used exclusively for the recreation and adrenaline experience of the visitors of NP. Pelister, who in order to use it will have to be equipped with protective suits and respect the safety and recommendations of the employees. The zip line will be installed with all necessary fittings as per the manufacturer's specification. The zip line will have one starting point, marked with no. 1 in the graphic attachments, and one starting platform with dimensions of 2x2m, i.e. 4m², placed at a height of 4m, marked with the letter "A" in the graphic attachments. The starting point will have to be approached along a mountain path that will have a length of about 500m, which will have to be profiled additionally to obtain the necessary slope, i.e. a slope that will be within the limits of standards and regulations, with a maximum slope of 30%. For this purpose, only the trajectory of the mountain path will be presented in the graphic attachments, according to the elevations that the authorized surveyors have attached in the updated geodetic base. The construction, that is, the profiling of the hiking trail will be defined in detail according to the situation on the spot, as well as according to the needs and directions of the developer.

The zip line has a length of about 250m overhead line, with the slope that will appear at the steel rope, the length will be 300m, that is, the steel rope itself will have a length of about 300m. The arrival, that is, the end point 2, also has a platform marked with the letter "B". The metal cable will be hung on two metal poles that have a height of at least 5m, fastened and anchored in AB single foundations. In more detail, the entire installation

process will be shown by the manufacturer. Protection will normally be installed according to the manufacturer's recommendations and specification. In the composition of the whole, that is, the zip line as content in N.P. Pelister, an auxiliary building built entirely of wood and covered with "shingle" material will appear. The auxiliary facility will have two rooms and a canopy. One room will be used as storage for the equipment needed to use the zip line, and the other room will be used as a pantry. Under the canopy, there will be one fixed wooden bench with 6 seats and space for installing assembly tables and a chair. The entire area of the auxiliary building will be 24m².

2.2 Construction

In addition to the function, the shape of the gauge is inevitably reflected in the design of the park's structural elements. The structural elements will be mounted and fastened according to the recommendations and specifications of the manufacturer.

2.3 Shaping

In the domain of aesthetic appearance, the construction of the zip line, i.e. the installation of a new form and function in the space will certainly have a positive impact on the visual impression.

The performance of the works and the installation of the construction materials should be carried out in accordance with the applicable norms and standards in the field of construction, by an authorized, licensed company.