

Full name of the object:
Chapel of All Valaam Saints

Address of the object:
Russia, Republic of Karelia, Sortavala district, Valaam island

Year of start and end of design work: 2015- 2016

Year of start and end of construction: 2016 - 2020

Name of the general designer:
OOO "Workshops of Andrey Anisimov"

Personal composition of the author's team:
Architects: Anisimov A.A., Vasiliev S.A., Penrashko O.A. , Polovinkin D.Yu.,
Kanterin S.S., Khil G.V.
Engineers: Raiberg V.S., Pokhiliak Yu.M., Taraskin N.E., Gomboeva D.N.
Kraus S.V., Yakovlev Ya.I.
Mosaic icons: Borisenko V.O.
Stone carving: Perov O.I.

Name of the customer:
Spaso-Preobrazhensky Valaam Stavropegic Monastery

Name of the general contractor:
OOO "Andrey Anisimov Workshops"

Name of the subcontractors, suppliers of the main technological materials and components:
ANO "Russkie Nachala" and OOO "Severnaya Skazka" - construction of wooden tents and
roofs, OOO "Sobornye Masterskie-NN" - carpentry work, OAO "Tversteklo" - lighting fixtures,
OOO "Priorglass" - glazing of the canopy.

Technical and economic indicators of the facility - volume, development area, total area,
useful area, number of apartments or office premises, etc.:

Development area - 455 sq.m

Total area - 345 sq.m

Area of observation platforms - 190 sq.m

Construction volume - 2250 cubic meters

Height to the cross (from 0.00) - 15.4 m

Characteristics of the stylistic architectural and figurative solution of the facility:

The complex is made in the traditions of northern wooden architecture. With its powerful inclined columns and stylobate made of large stones, wooden roof covering and tents over the chapels, it echoes the architecture of the fortifications of the monasteries of ancient Russia. The monumental stone foundation and wooden top organically fit into the nature of the island. The visitor walking along the galleries gradually discovers the beautiful decoration of the chapels with white-stone carved arches and icon boxes with mosaic icons.

A brief description of the volumetric planning solution of the object:

The chapel meets the ships of pilgrims on their way to the bay of the central monastery. This is a landscape object, widely spread along the coast. It consists of two chapels and an observation deck on the water, connected by galleries. The tents serve as vertical dominants. Due to the relief, several levels are formed, smoothly leading down.

The author's solution to the functional tasks of the object:

The complex is designed for pilgrims to rest in nature on the way to the Nikolsky Monastery. After visiting the chapels, visitors can admire the view of the bay from the benches of the observation deck and have a snack, fortunately a small kitchen is included in the complex.

List of the most interesting modern construction technologies and materials used at the site:

In the lower part of the canopy above the observation deck, wooden boards have been replaced with glass (triplex sections) to avoid excessive shading.

Supporting structures:

monolithic reinforced concrete platforms, stairs and column cores; tent walls, beams and rafters made of logs

Finishing materials and technologies for external and internal walls:

The reinforced concrete base and columns are faced with a thick layer of wild flagstone laid flat on top of each other. The arches and internal walls of the main chapel are faced with white stone slabs with relief.

Materials for covering floors, stairs, etc.:

Floors and stairs are laid out of shungite slate.

Accessories for window and door openings:

not required

Ceiling finishing:

not required

Internal engineering systems – water supply, sewerage, heating:

Water supply and sewerage are not required (brought-in water is used for the kitchen).

Connection of infrared heaters for the observation deck is provided.

Power supply and modern low-current systems:

Power supply is carried out from the general network of the island.

Ventilation systems and climate control equipment:

not required

Security systems:

full lightning protection of wooden roofs

Use of energy-saving technologies:
use of LED lamps in lighting

Color solutions:

natural colors - silver-gray color of sun-bleached wood, light beige color of the stone of the foundation and columns, black-brown color of stone floors