

STATEMENT OF THE CORE SET OF WORKING DRAWINGS

[illegible]

STATEMENT ANNEXED DOCUMENTS

Designation	Name	Note
	<u>Attached documents</u>	
VL46-2011-EM.C	Specification of equipment, products and	
	materials	
VL46-2011-EM.H1	Electrical panel EpI1. General view	
VL46-2011-EM.H2	Electrical panel EpI2. General view	
VL46-2011-EM.H3	Electrical panel EpD1. General view	
VL46-2011-EM.H4	Electrical panel EpD2. General view	
VL46-2011-EM.H5	Electrical panel EpF. General view	

MAIN TECHNICAL DATA

Name	Unit measurement	Num.
1. Installed capacity	κWt	73,4
for ighting	κWt	6,1
2. Rated capacity	κWt	53,6
for ighting	κWt	6,1
3. $\cos \varphi$	—	0,95
4. Yearly number of peak load	hour	3650
5. Yearly energy consumption	thous. κWt hour	195,640

GENERAL INFORMATION

1. Electrical part of the project developed based on the design task, construction, engineering and plumbing parts of the project in accordance with the requirements of existing norms, rules, regulations and standards.
2. For distribution and metering of electricity in the building install:
 - Input-accounting-distribution el. panel EpI1 - ЩЛН-3-36 with 3-phase active energy meter.
 - Input-distribution el. panel EpI2 - ЯПР100+ EurolaP65-36.
 - Distribution panels EpD1 и EpD2 - EurolaP65-36, EurolaP65-24.
 - Electrical power panel ventilation system EpF-EurolaP54-24.
 - Voltage regulator СНПТТ-21.
3. To provide backup power install gasoline electric power station-Honda ET 12000.
4. Group network of lighting and power networks to perform wire flame retardant ПВСнгнд-380.
Cables should be laid hidden in the pipes and in a plastic box channel.
5. To protect personnel against electric shock when damaged isolation, and other fault In particular, the project provided grounding accession to external protective earthing system and shut down.
6. To equalize the electrical potential at the input, connect the main earthing conductor grounding devices, steel pipe systems water supply, sewerage, ventilation and structural metal.
7. Electricity power equipment provides the network with the grounding system TN-C-S, 380/220V. Division of PEN-conductor at the PE and N conductors in the el.panel EpI1.

Company Title



Job Title

Villa Clio

Twin private atrium-type building in the province of Phuket, Thailand.

Spot area of building

2x470.9m2

All Floors

2

Total gross floor area

1100

Total construction volume

2x1688.4m3

Geographic data

N 8.093313°, E 98.360338°

Project Number

VL46-2011- EM

Drawing Name

General information

Layout Name

Drawing Status

PROJECT

Chief architect of the project

Lokotaryov Vitaliy

Drawing Scale

Drawing sheet number:

1

All drawing sheet:

11