Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Tanguy Delaunoy

(first and last name)

Project of steel roof

(Project no.: 1 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 2** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 12 m

Structure length L = 73,50 m

Walls height H = 12,0 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Ahmed Elgharib

(first and last name)

Project of steel roof

(Project no.: 2 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 2** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 17 m

Structure length L = 45,00 m

Walls height H = 10,7 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Carla Garcia Muñoz

(first and last name)

Project of steel roof

(Project no.: 3 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 2** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 15 m

Structure length L = 72,00 m

Walls height H = 10,7 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Jakub Halicki

(first and last name)

Project of steel roof

(Project no.: 4 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 1** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 19 m

Structure length L = 48,00 m

Walls height H = 9,3 m



(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Ahmed Hassan

(first and last name)

Project of steel roof

(Project no.: 5 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 1** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 19 m

Structure length L = 54,00 m

Walls height H = 12,7 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Louis Hirgair

(first and last name)

Project of steel roof

(Project no.: 6 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 1** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 18 m

Structure length L = 63,00 m

Walls height H = 12,7 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Uwimpuhwe Honore

(first and last name)

Project of steel roof

(Project no.: 7 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 1** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 16 m

Structure length L = 63,00 m

Walls height H = 12,0 m



(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Marcelina Kamińska

(first and last name)

Project of steel roof

(Project no.: 8 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 2** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 19 m

Structure length L = 45,00 m

Walls height H = 11,4 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Eliot Legrand

(first and last name)

Project of steel roof

(Project no.: 9 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 2** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 17 m

Structure length L = 63,00 m

Walls height H = 12,7 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: <u>Tatenda Mashavave</u>

(first and last name)

Project of steel roof

(Project no.: 10 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 1** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 13 m

Structure length L = 52,50 m

Walls height H = 13,4 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Kurbon Mulla-Akhunov

(first and last name)

Project of steel roof

(Project no.: 11 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 1** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 20 m

Structure length L = 36,00 m

Walls height H = 14.8 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)

Department of Building Structures Faculty of Civil Engineering Wrocław University of Science and Technology

Student: Nazgul Sabitova

(first and last name)

Project of steel roof

(Project no.: 12 / W02BUD-SM0321P)

Create a technical design of steel roof **no. 2** of given parameters. Project consists of:

- 1. Estimation of environmental loads
- 2. Design of the main bearing structure including:
 - a. Purlins
 - b. Steel girder
 - c. Bracing system
- 3. Drawings:
 - a. General overview drawing of the structure
 - b. Workshop drawing of purlins
 - c. Workshop drawing of assembly part of the main structure (selected by tutor)
 - d. Drawing of structural details (selected by tutor)
- 4. Technical specification of structure

Roof scheme:



A

Project parameters:

Thermal insulation: mineral wool

Snow zone:

Wind zone:

Basic geometrical data:

Roof span A = 18 m

Structure length L = 96,00 m

Walls height H = 10,7 m

Issue date: 15.10.2024 Project must be finished and graded before first day of exam session (deadline is on last class / last office hours in given semester)

(signature)