



ENGINEERING DIPLOMA PROJECT

ARCHITECTURE ENCL DIVISION • WAPG KPS • SUMMER SEM. 2006

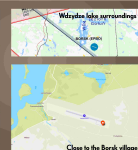
Problem: The severe lack of modern General Aviation infrastructure issues regional development, and actively isolates the aviation sector from the general public.

Project scope: • Revitalising the former Bork airport

- Open, multi functional space for locals
- Modern interpretation of local architecture
- Sustainable solutions and off-grid systems
- New aviation and educational facility

Plan combines military heritage and shows classical layout in new perspective

Location



Close to the Bork village

Kashubian embroidery

Bork school proposal
Addressing the architectural incoherence of modern villages, the project introduces a local character dominant Kashubian Embroidery.
However, since reviving school its Bork unique landscape, an original motif was created to establish identity without losing traditional rules.

- Design goals:**
 - Create a modern-like traditional motif
 - Utilization design principles
 - Establish Embroidery - Architecture Language



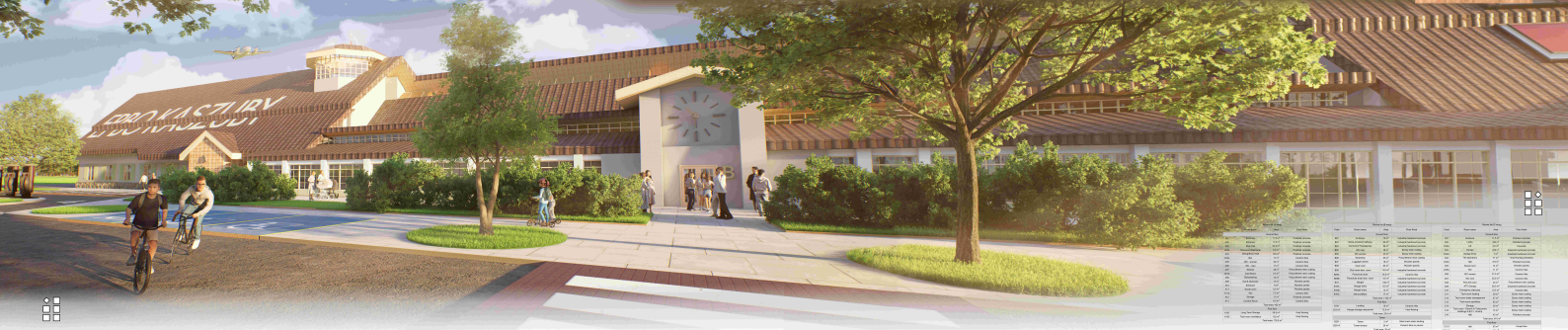
1:1 ratio

- Compact motif version
- Universal design
- Heavy tribute to nearby "Wyzyska school" flexibility

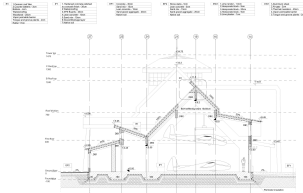
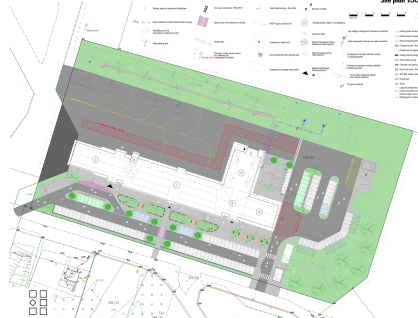
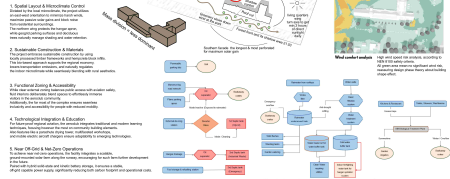


Full Composition

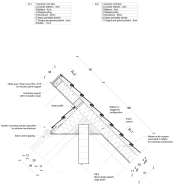
- Core motif suited for the aeroclub function
- Combination of traditional design and technical world
- Unitary version** • Inspired by Wyzyska, Januszewski Symbols
- Simple, Repetitive, Modern



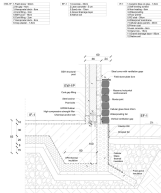
Design principles



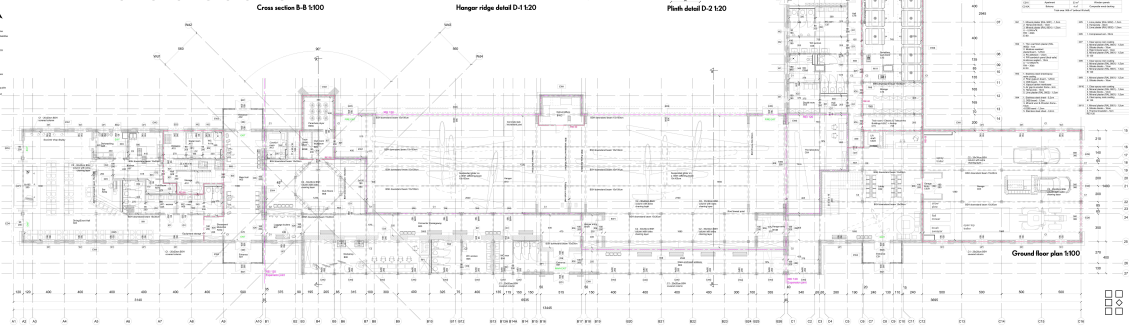
Cross section B-B 1:100



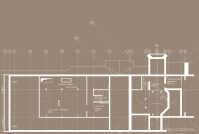
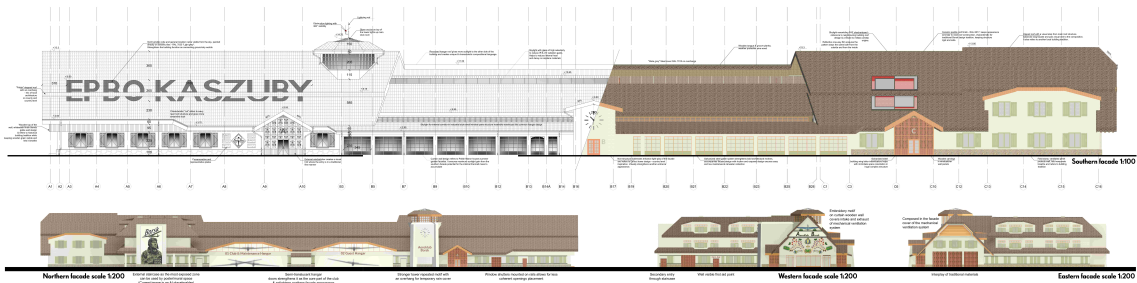
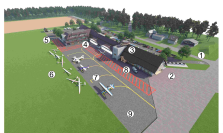
Hanger ridge detail D-1:100



Pitch detail D-1:100



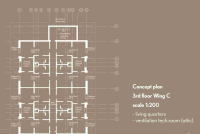
Ground floor plan 1:100



Concept plan 2nd floor Wing A scale 1:200



Concept plan 2nd floor Wing C scale 1:200



Concept plan 2nd floor Wing C scale 1:200



Concept section A-A scale 1:100