

Recovery Project

The Location



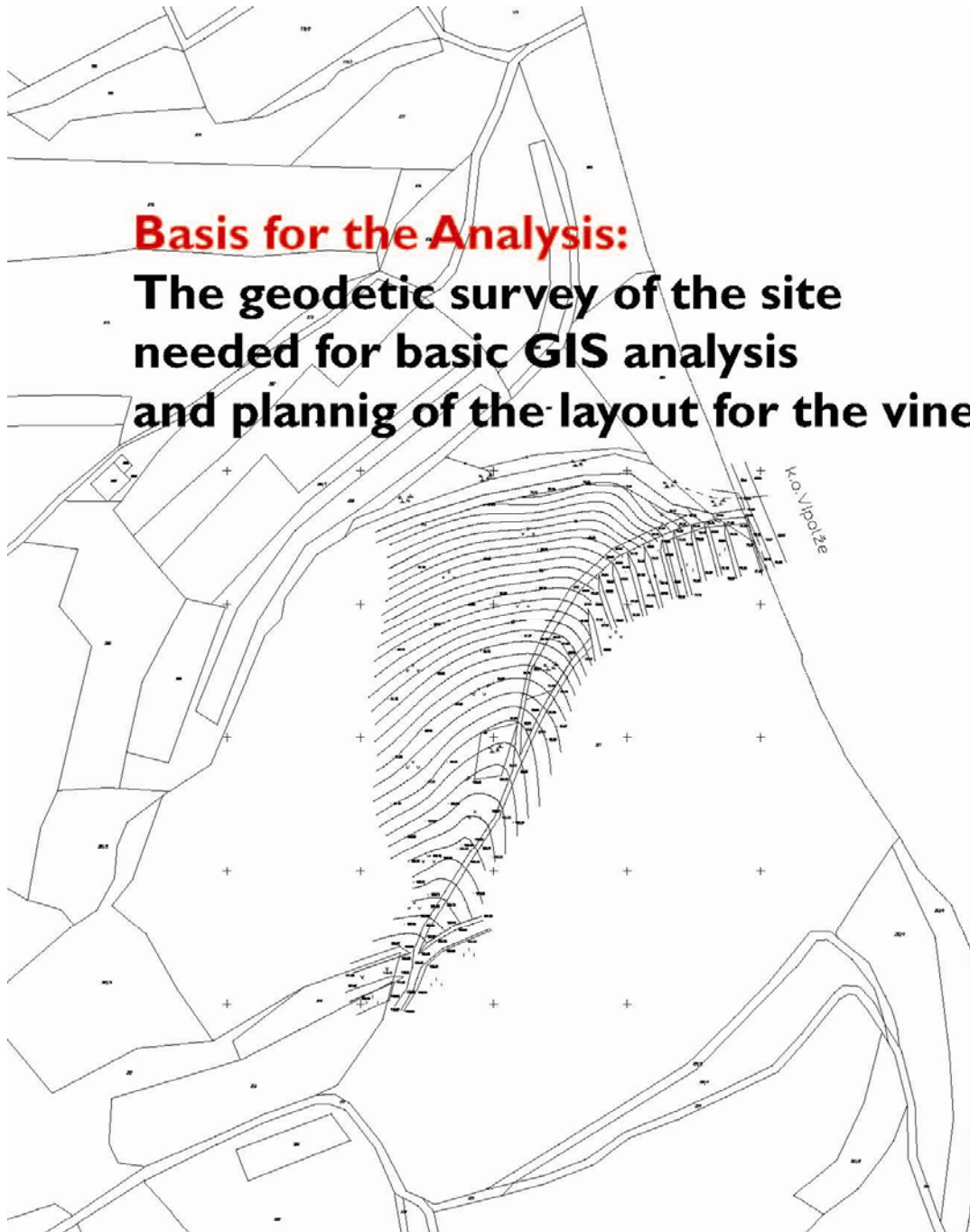
Project for recovery of terraces 11. - 13. 10. 2006 Goriška brda
Tomaž Berčič (University of Ljubljana, Faculty of Architecture)

The Site



Basis for the Analysis:

**The geodetic survey of the site
needed for basic GIS analysis
and planning of the layout for the vineyard**



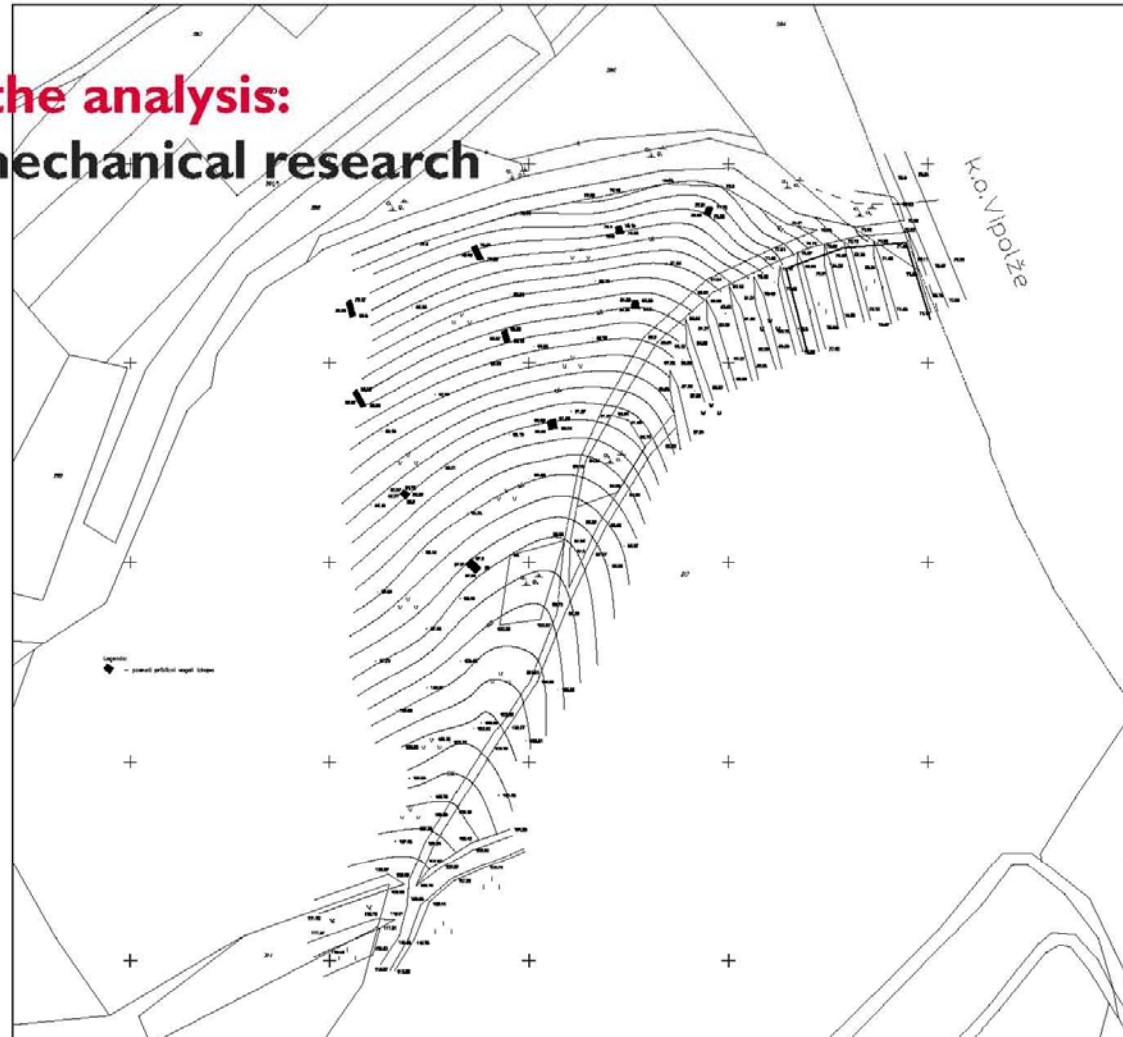
Basis for the analysis:
The geomechanical research



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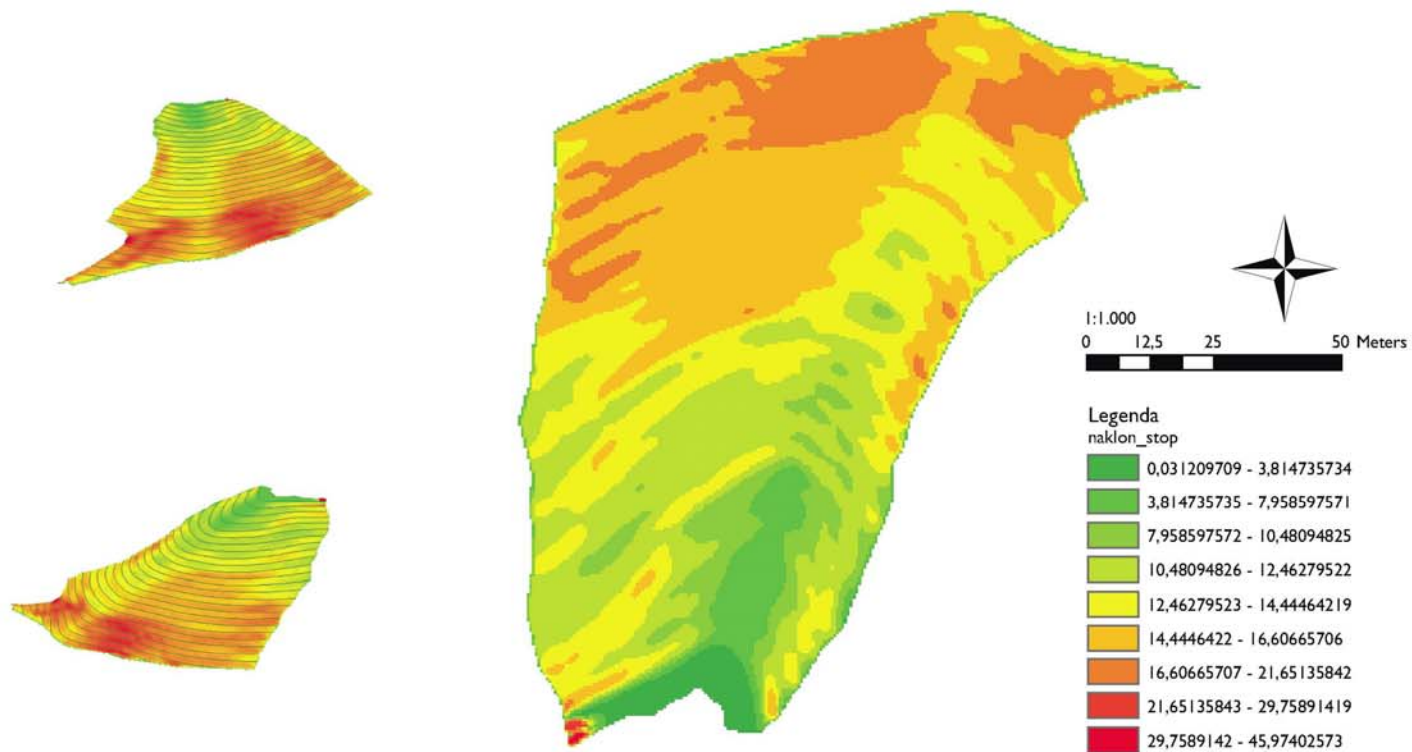
Basis for the analysis:
The geomechanical research
Video



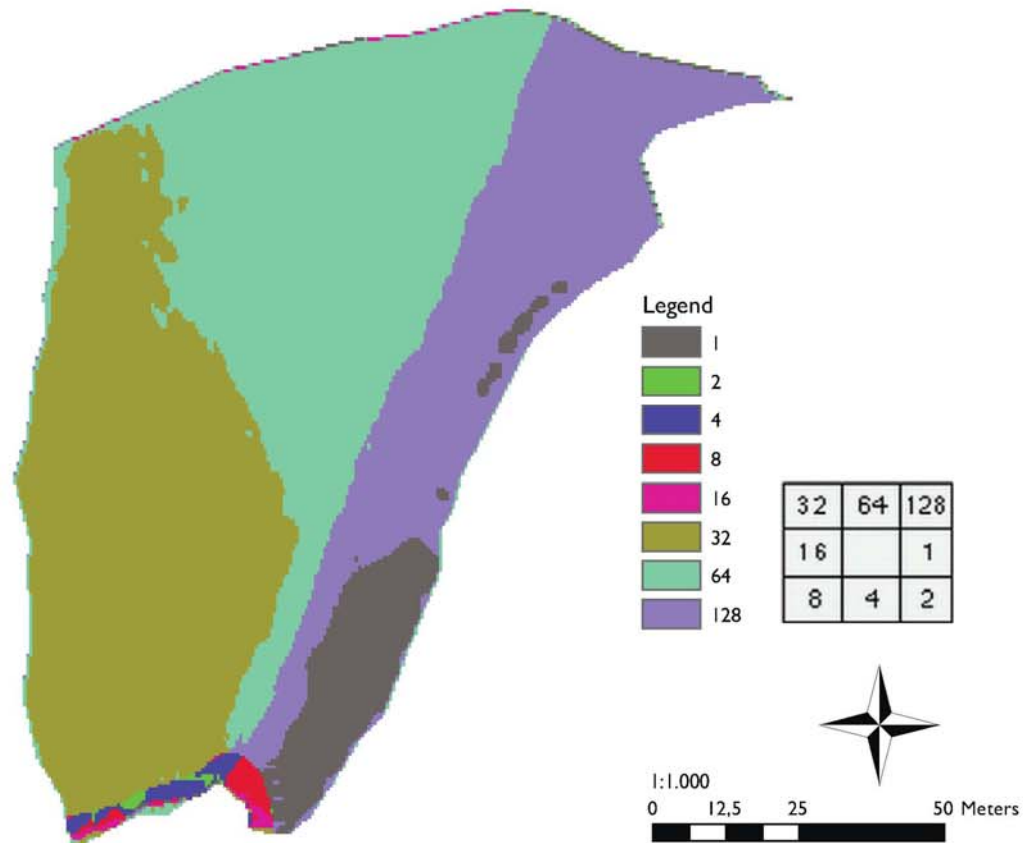
GIS analysis:
DEM (digital elevation model) & contour lines



GIS analysis: Slope

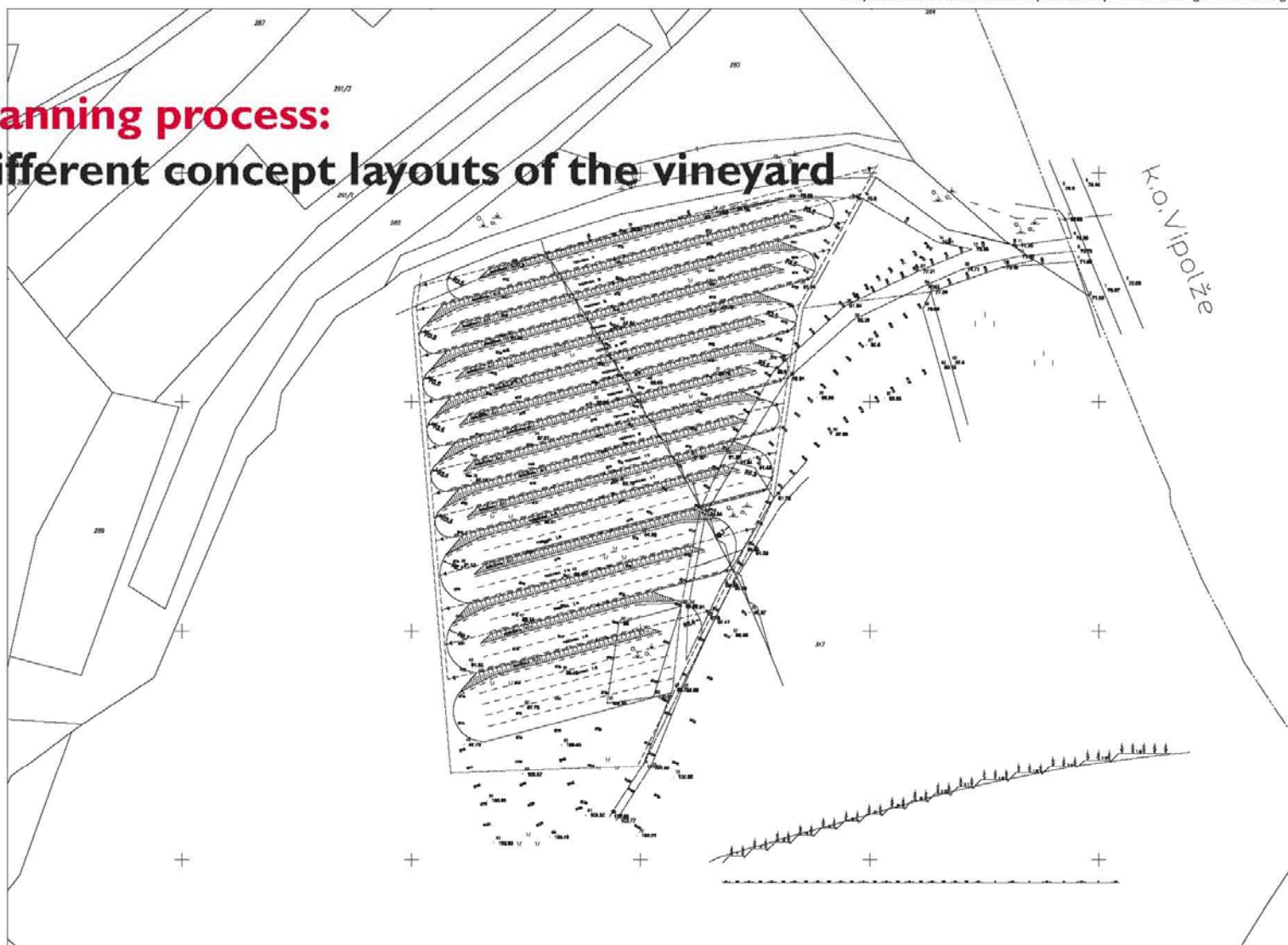


GIS analysis:
Water flow direction



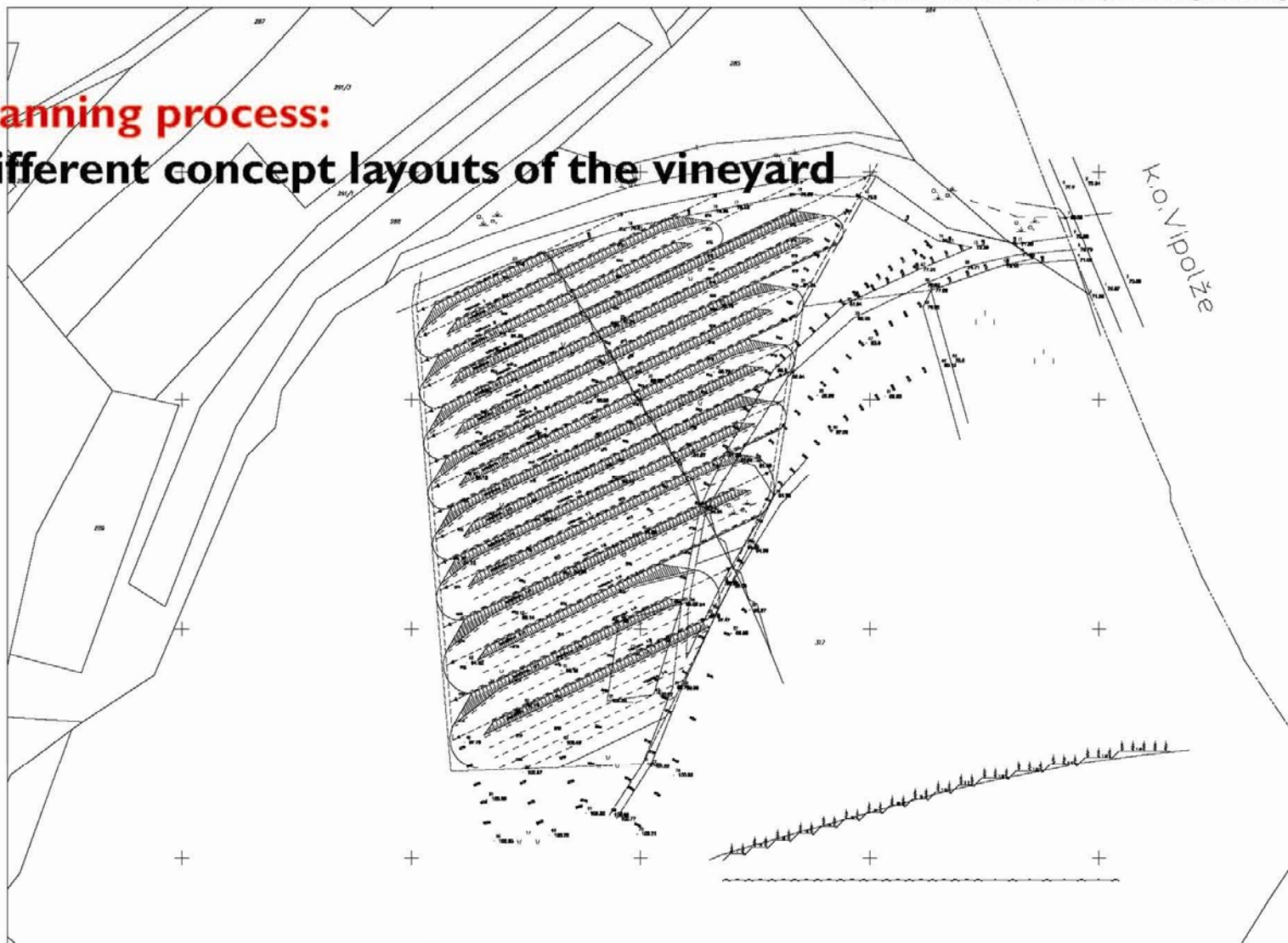


Planning process:
Different concept layouts of the vineyard



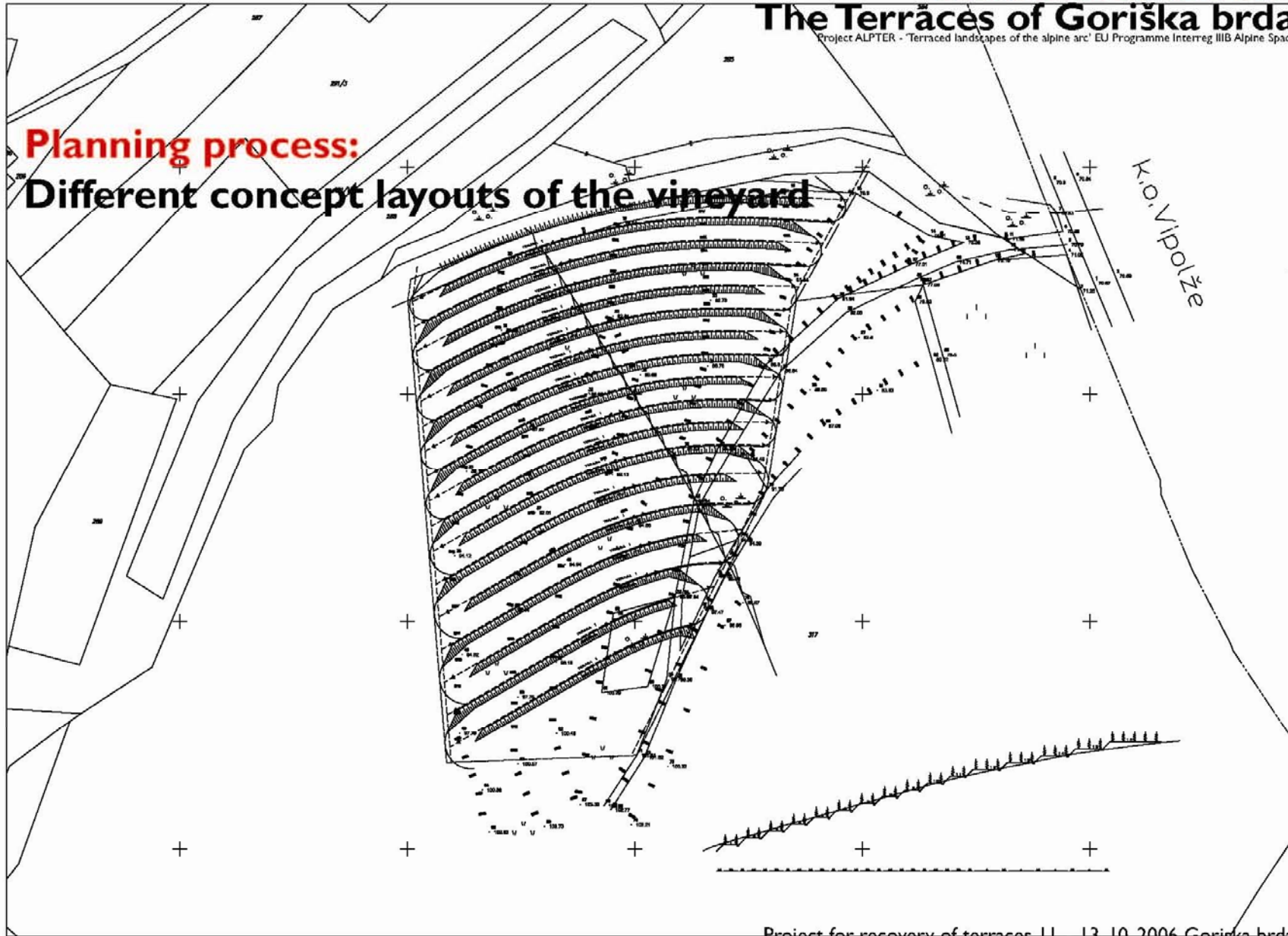


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Different concept layouts of the vineyard



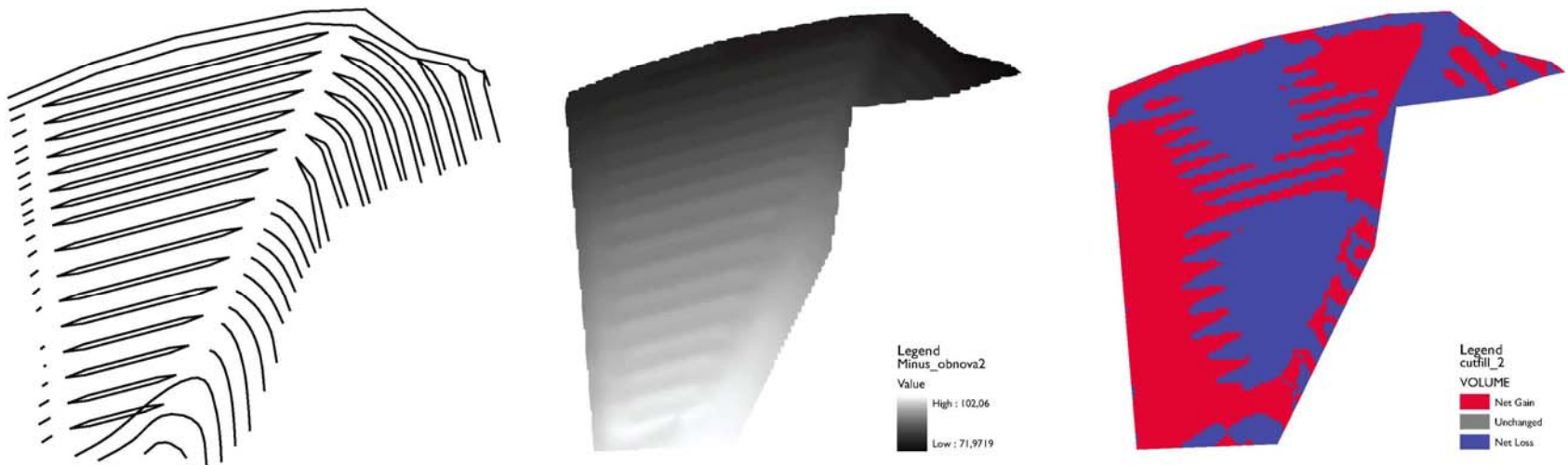
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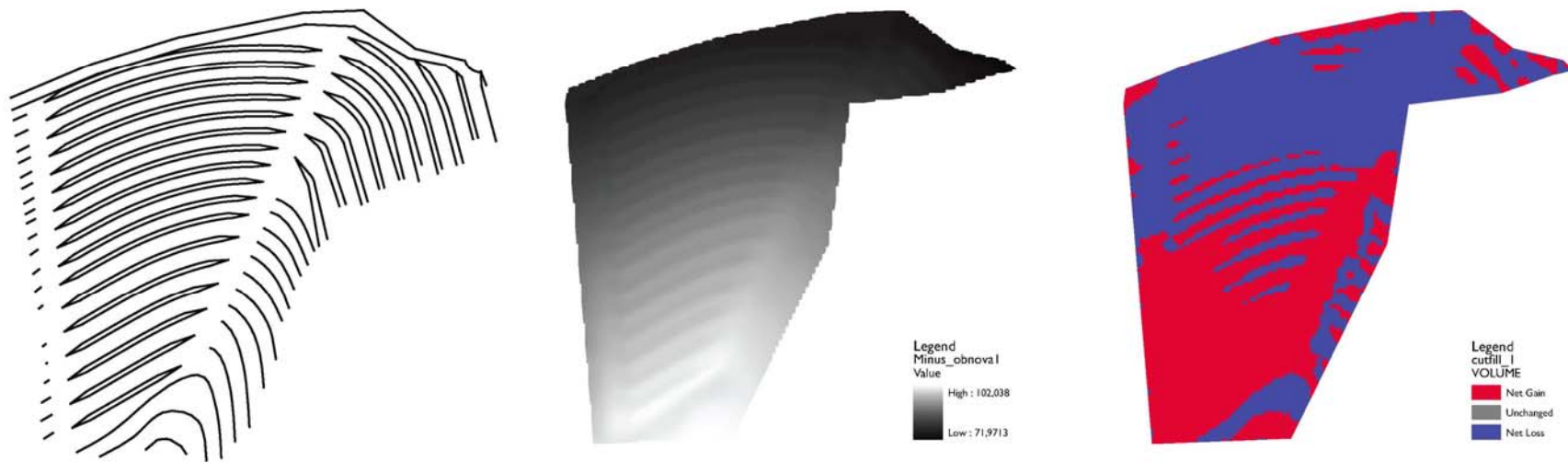
Planning process:

Different concept layouts of the vineyard
GIS simulation of material shifting

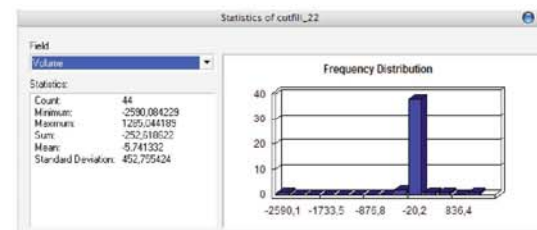
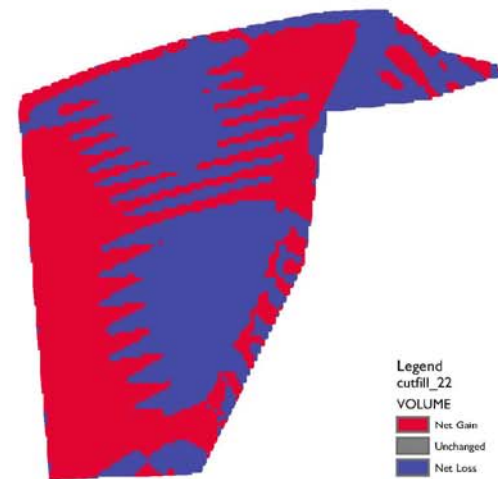
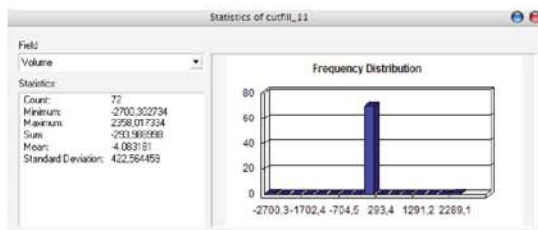
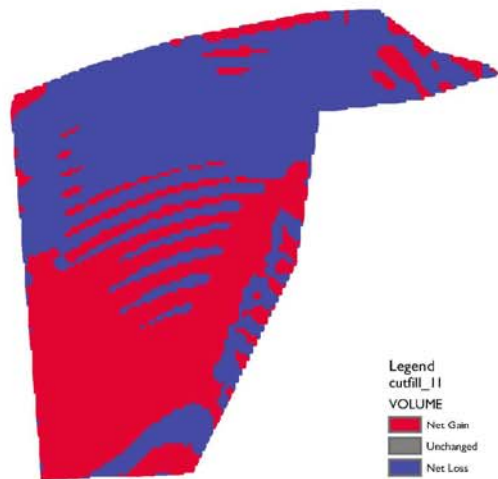


Planning process:

Different concept layouts of the vineyard
GIS simulation of material shifting

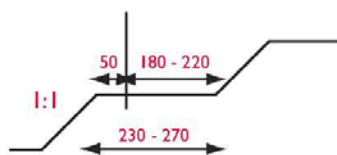


Planning process:
Different concept layouts of the vineyard
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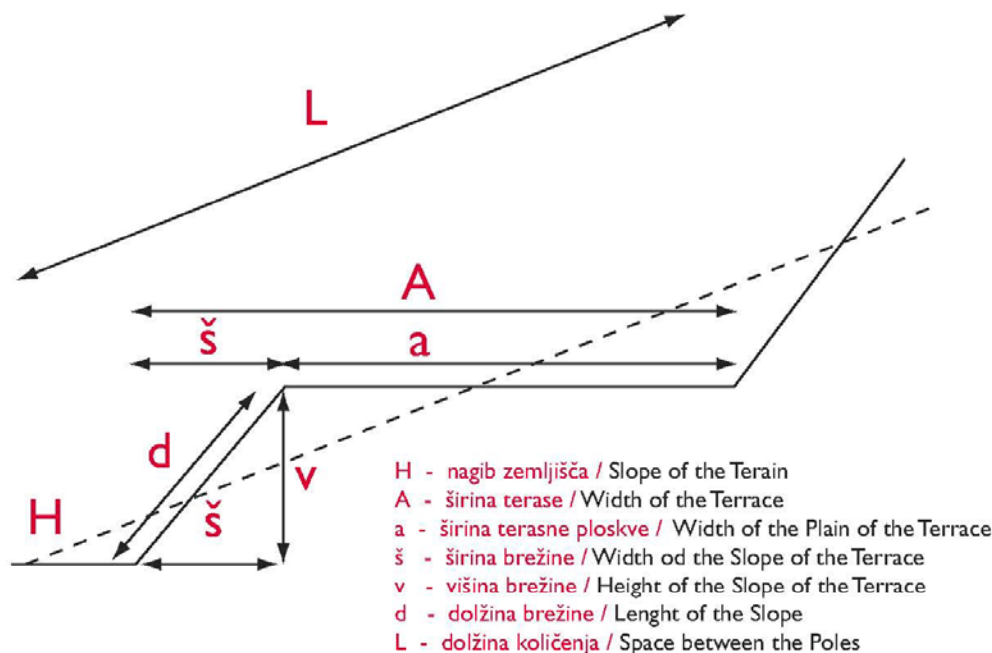
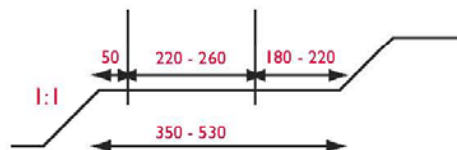
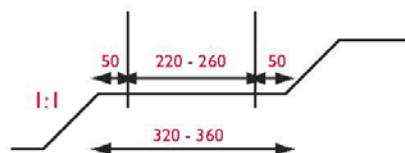


Planning process: Other criteria

Enovrstne terase
One-row Terraces



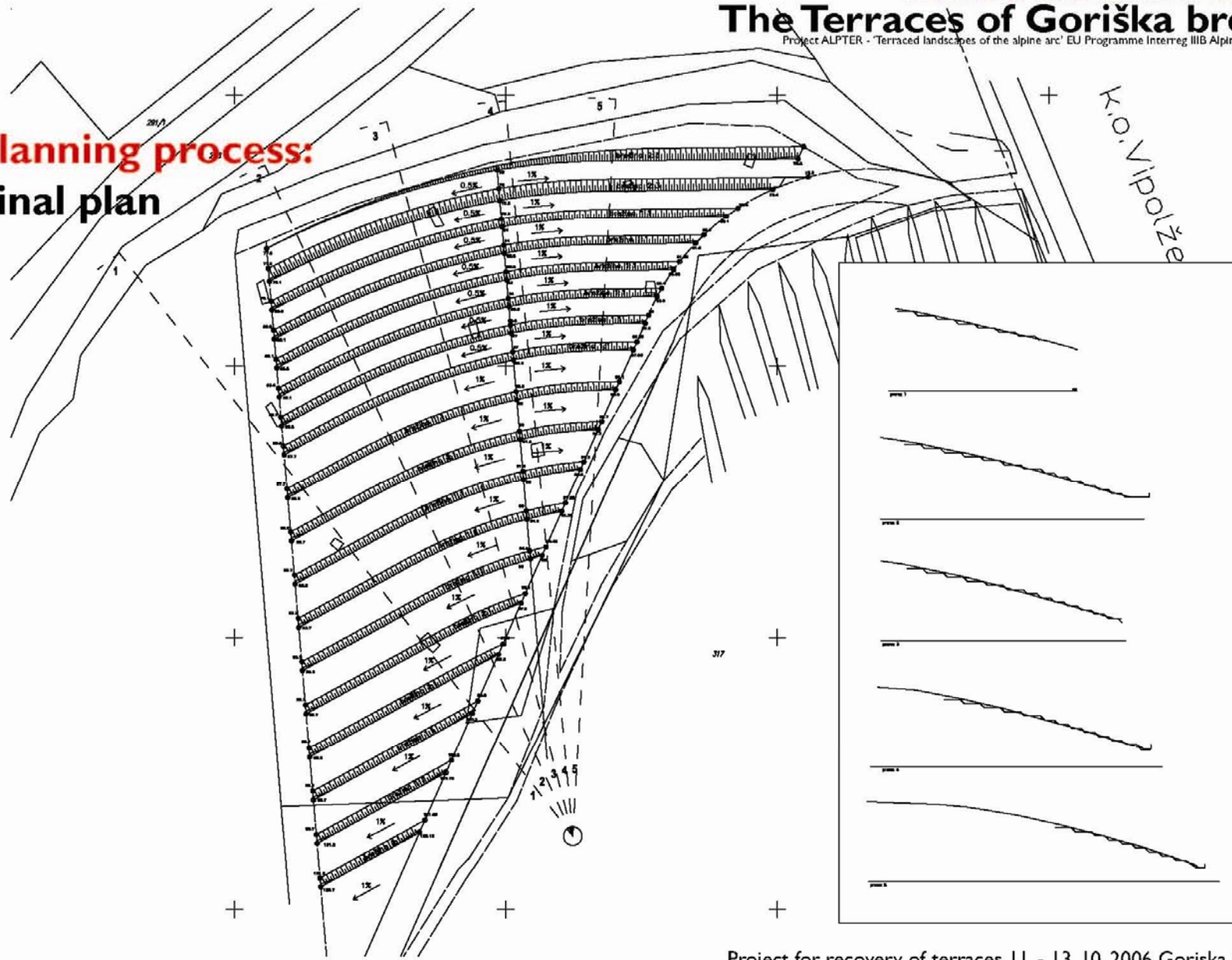
Dvovrstne terase
Two-row Terraces



- H - nagib zemljišča / Slope of the Terrain
- A - širina terase / Width of the Terrace
- a - širina terasne ploskve / Width of the Plain of the Terrace
- š - širina brežine / Width of the Slope of the Terrace
- v - višina brežine / Height of the Slope of the Terrace
- d - dolžina brežine / Length of the Slope
- L - dolžina količenja / Space between the Poles

Avtor / Author: Andreja Škvarč, univ. dipl. ing. agr.

Planning process:
Final plan



The making of terraces: Marking out the plan



The making of terraces: Video



The making of terraces



The making of terraces: Video



The making of terraces



The making of terraces: Video





The finished terraces





The terraces: Before & after

