

Dwg. 1. A fragment of the MDCP [base map for design purposes] showing the building on the plot No. 408/1. No visible control infrastructure on the left bank nearby the building.

The existing condition survey

The building and a fragment of the wall are located on the cadastral plot No. 408/1 in Lądek Zdrój city, on the left bank of the Biała Lądecka River, at km approx. 25+100. In the south-east part of the plot there is a fragment of stone wall which technical condition is very poor - only a fragment of it remains. The other part has been loosened what is characterised by its irregular and jagged shape.

Following a thorough analysis the Design Team have determined that:

- the wall's location is identical as the plot boundary,
- the wall's shape is rounded, with concrete parapet, less than 0.5 m thick within its crest,
- the wall is made from materials that are non-uniform and non-standard for that type of facility,
- the wall, due to its shape, is stylistically and architectonically similar to the wall located on the other side of the building (from the street photo 6)

The said parameters show the facility was not made within the control infrastructure of the river. Its location and shape show the wall is a facility formed for individual purposes of the former real property owner. Its installation manner and materials used for that do not match the solutions applied for that type of facilities. It needs to be noticed that the nearby bank walls constituting an element of the river's control infrastructure significantly differ from the said facility - they are made from standard stone of specific dimensions, placed as layers. The said wall was made from irregular stone placed ad-hoc. Its rounded shape, missing wingwall reaching the slope, small thickness, show total deviation from typical solutions adopted in this type of facilities (bank walls).

Apart from the aforelisted attention needs to be paid to the fact that the wall's location and route show its "adaptation" to the plots' and the building's shape. The wall's location does not constitute a logical continuity - no regulation walls have been surveyed neither in front of nor behind the building.



Dwg. 2. A fragment of the facility Photo taken in August 2022.



Photo 3. View from the right bank to the building and the wall fragment. Photo taken during the WTU survey, in April 2020.



Photo 4. View from the right bank to the building and the wall fragment. Photo taken during the WTU survey, in April 2020.



Photo 5. View from the right bank to the building and the wall fragment. A close-up to the wall ruins. Photo taken during the WTU survey, in April 2020.

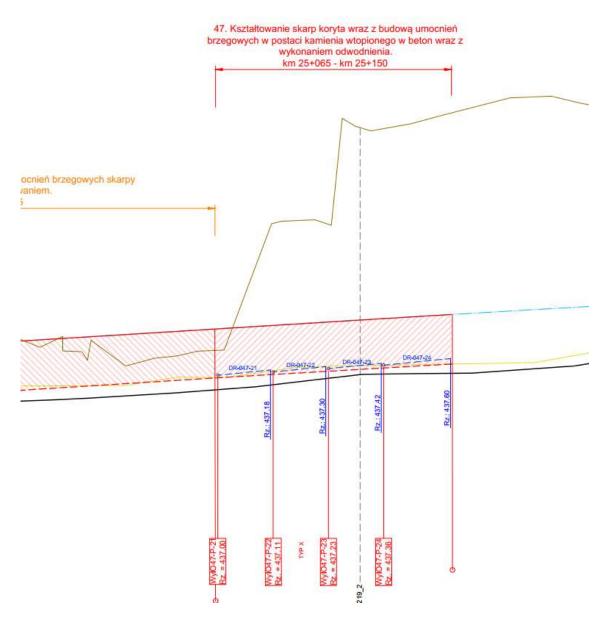


Photo 6. A section of the longitudinal profile - the right river bank at km 25+065 – 25+150.

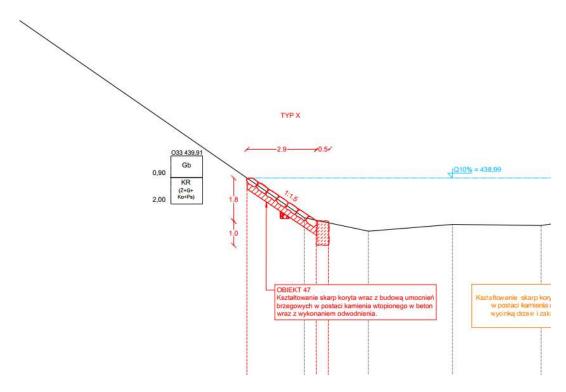


Photo 6. A part of the cross-section - the right river bank at km 25+065 – 25+150.

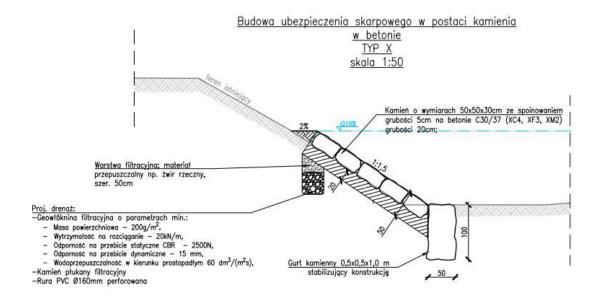


Photo 7. A typical cross-section of the revetment - X type - the right river bank at km 25+065 – 25+150.



Photo 8. View to the building from the street. The rounded stone wall visible from the left side.

Photo taken in August 2022.

Conclusions.

- 1. The charges of the real property owner regarding "no site visit and unfamiliarity of the land" of the Design Team are groundless. The Design team carried out a detailed survey and examined the technical condition of the control infrastructure, along the entire section of the investment, both "behind the wall" and from the river side.
- 2. The adopted design solution for flood control (protection of the urbanised areas against Q10 water) within the said real property, in the form of bank revetment (stone in concrete) is correct.