ABSTRACT

CREATIVE PROJECT: A Brownfield Redevelopment in Indianapolis

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Due to the nationwide transformation of manufacturing industry in the mid-late 20th century, a large number of industrial sites became underutilized or even abandoned. Most of those sites are defined as brownfields because their reuse processes are complicated by on-site environmental issues. Some of those brownfields used to play a significant role in the urban area, but now, negatively influenced the city on the aspects of environmental and economic impact. The creative project selected one typical brownfield site in the rust belt and applies reclamation design strategies, environmental friendly designs, and land redevelopments on the site. Evidences from Case studies and literature review are the basis of the design application. The creative project demonstrates how site planning and landscape design can offer solutions for further reclamation of the brownfield environments beyond the basic remediation. In addition, the project demonstrates how the brownfields redevelopment can propose an economically viable plan as a mixed-use community.