# **RESEARCH METHODOLOGIES** WHAT ARE THE ISSUES?

## CASE STUDY ANALYSIS

Comparing two buildings at the University of Oregon campus that are different based on the following criteria:

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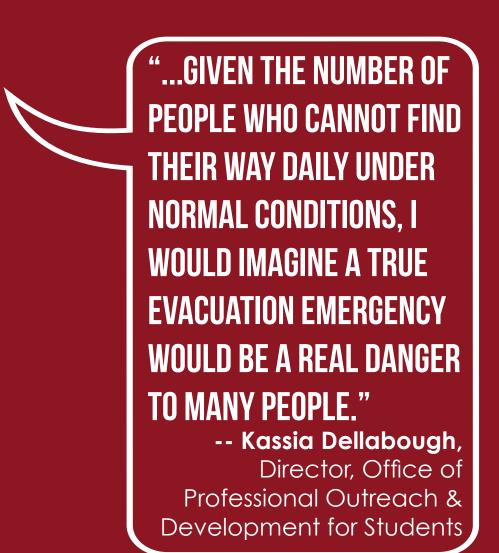


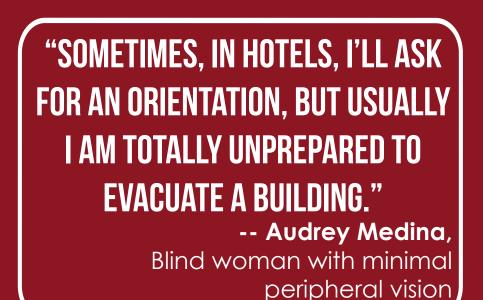
JOHN E.

	LAWRENCE	JAQUA ACADEMIC
CRITERIA	HALL	CENTER
Originally built?	1901	2010
Remodeled?	X	
Primary Users?	Students	Students
Square Footage	154,142	15,557

### INTERVIEWS

A small sample of interviews were made to get a glimpse of what the potential issues are with the accessibility of evacuation methods. All interviewees spend most of their time on campus at the University of Oregon, either as students or as employees. Two of the subjects have physical disabilities. Four subjects do not have visible disabilities: three spend most of their time in Lawrence Hall, one spends most of her time at the Jaqua Center.





## FUTURE OF THIS RESEARCH POTENTIAL SOLUTIONS

- A larger sample size of buildings analyzed can give a better idea of the breadth of this problems, as well as explore and determine strategies that work and those that do not work

- A larger sample size of interviews. By exploring a wider range of disabilities, including invisible disabilities, more issues that need to be solved can be discovered, making the research more complex, but still a necessary step.

- Exploring the economic implications of these solutions and creating cost-benefit analyses.



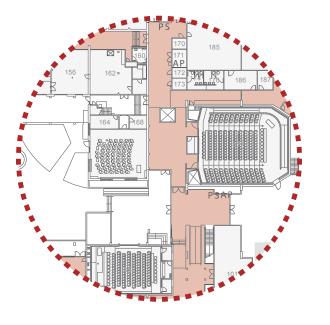








## ACCESSIBLE Improving Fire Safety + Building Evacuation for **EVACUATION** People with Disabilities

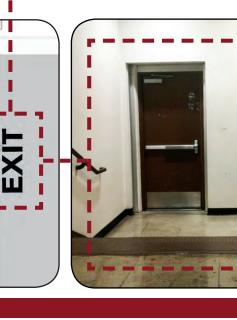


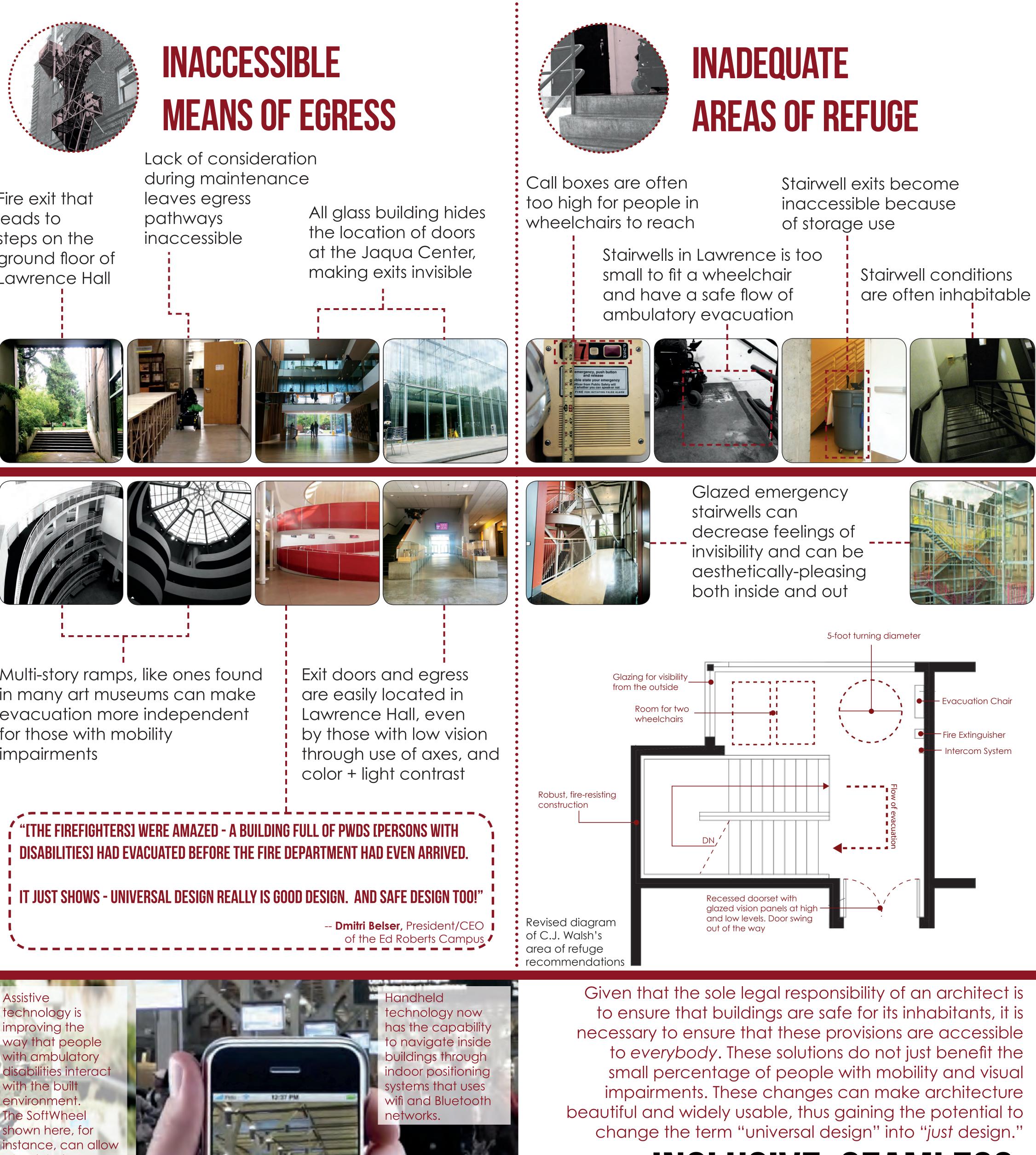
Evacuation maps are often too high and too small





Hall, shows an

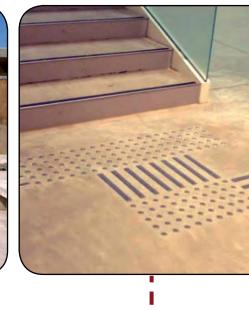


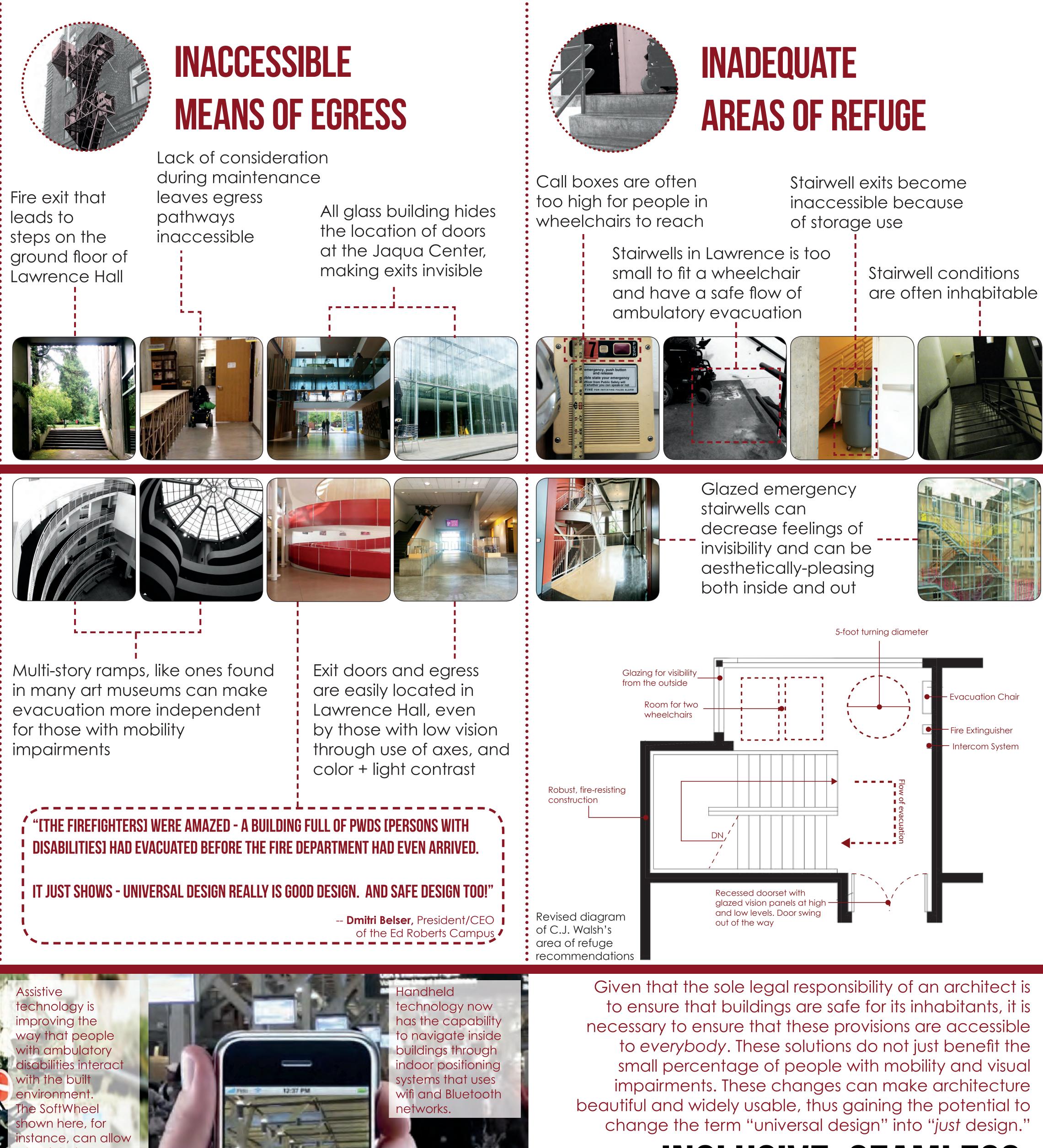










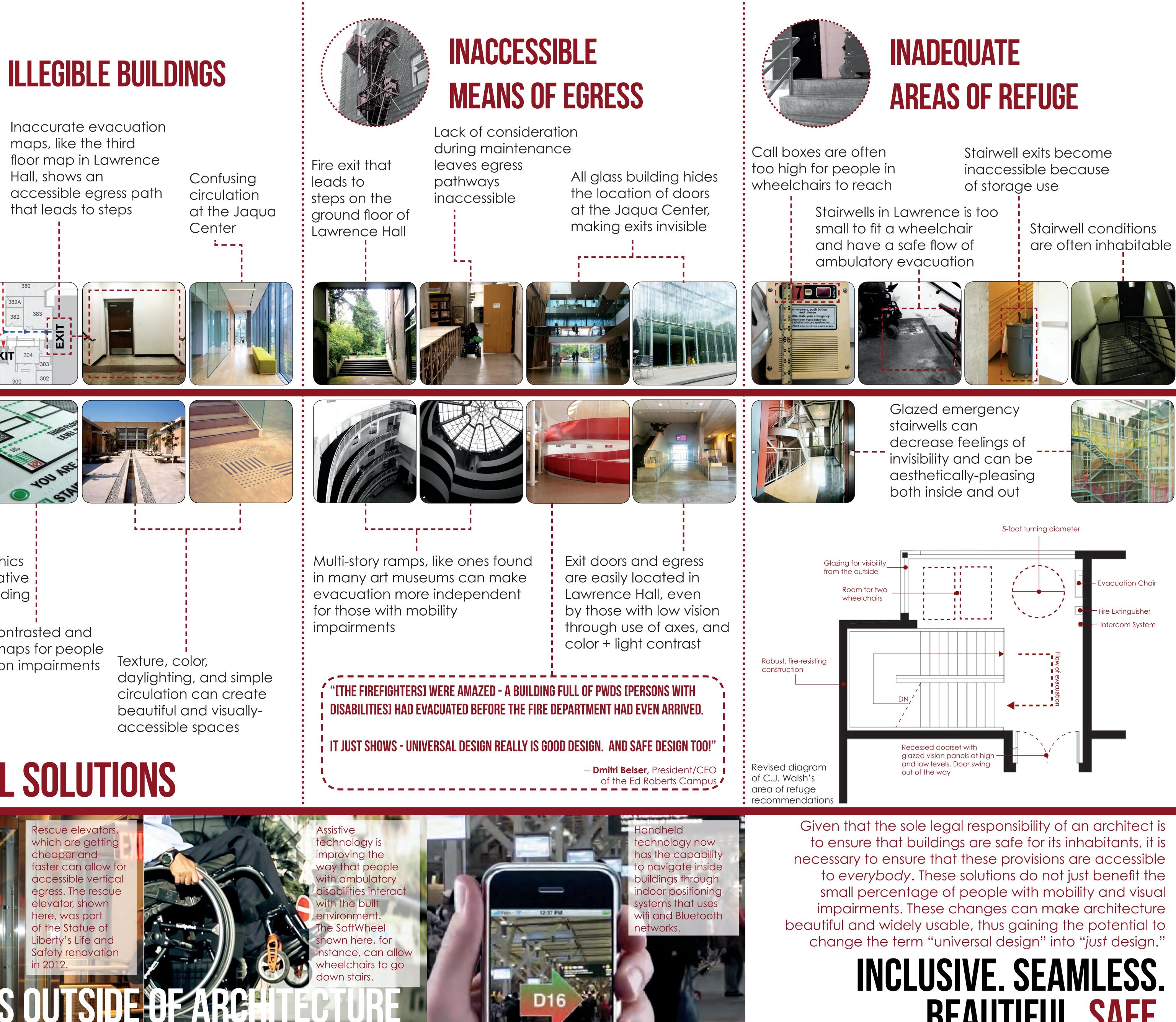


Environmental graphics can both be decorative and improve wayfinding

> Color-contrasted and tactile maps for people with vision impairments

Texture, color, daylighting, and simple circulation can create beautiful and visuallyaccessible spaces

vhich are gettin cheaper and faster can allow for accessible vertica earess. The rescue levator, showr





# olivia mae asuncion

## university of oregon

# **BEAUTIFUL. SAFE.**