



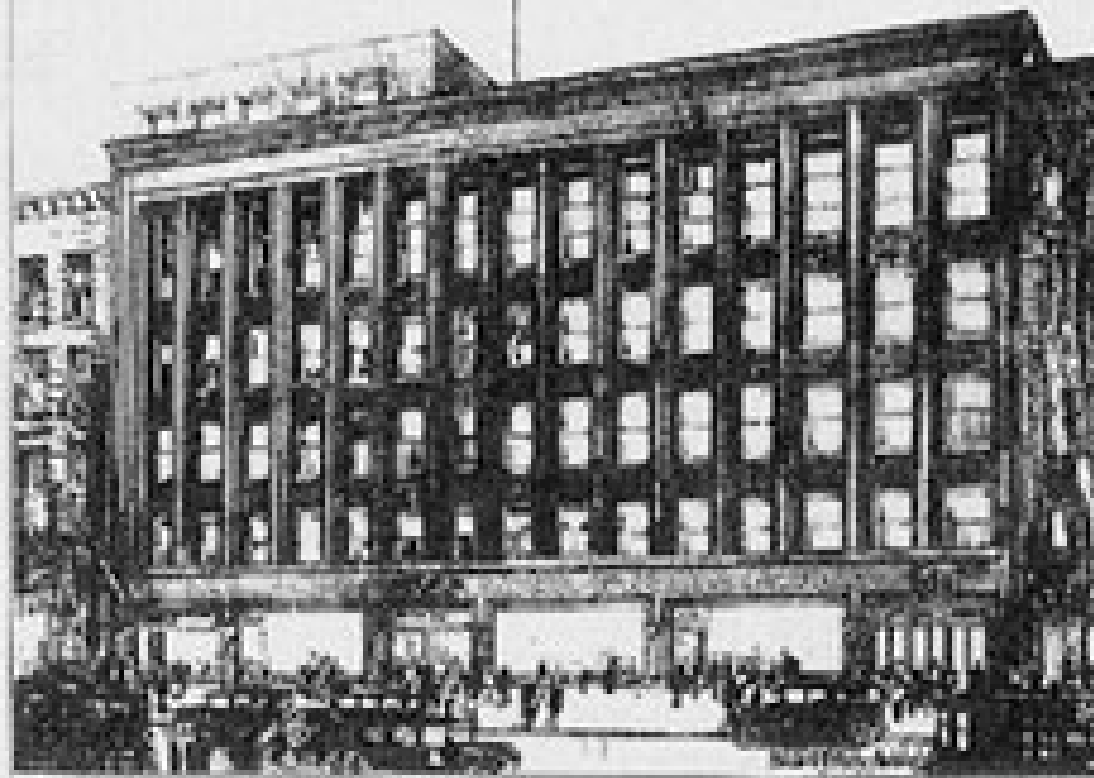
Recent Parking Structure Design

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Presentation Outline

1. A little background...
2. Why is this building type so hard to design attractively?
3. What are we seeing in the latest parking structure designs?



Keep your car in America's Finest Garage

HOTEL LA SALLE GARAGE

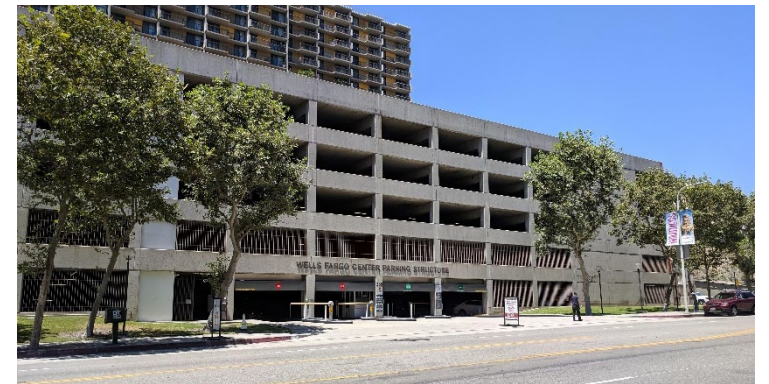
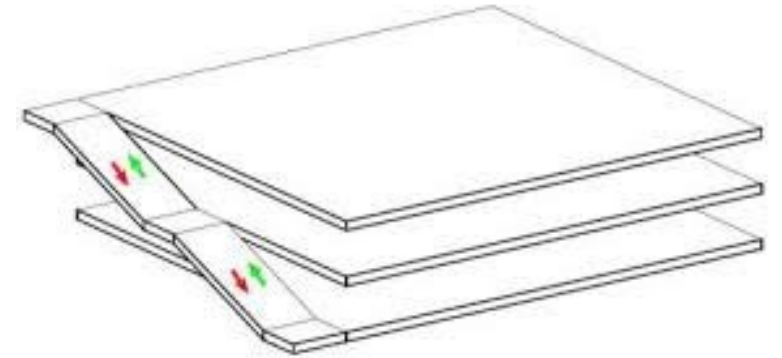
215 West Washington Street

Considered America's first parking structure, Chicago, Holabird and Roche, 1918, demolished 2005

A little background...

Why is it so difficult to design a good looking parking structure?

1. Unforgiving dimensional constraints
(long shallow layers)
2. Limited choice of materials
(durability & structural needs)
3. Cost (usually lowest is desired)
4. Single use/purpose



What are we seeing in recent parking structure designs?

1. Celebrate the structure

- Make art of the structure and materials

2. Dress it up

- Cloak the building to cover the structure

3. Break it down

- make the building into a composition of smaller interrelated forms to create better scale

4. Make it sustainable

5. Integrate art

6. Activate it

- Provide active uses and/or attractive pedestrian frontages
- Link the structure to adjoining pedestrian paths and networks



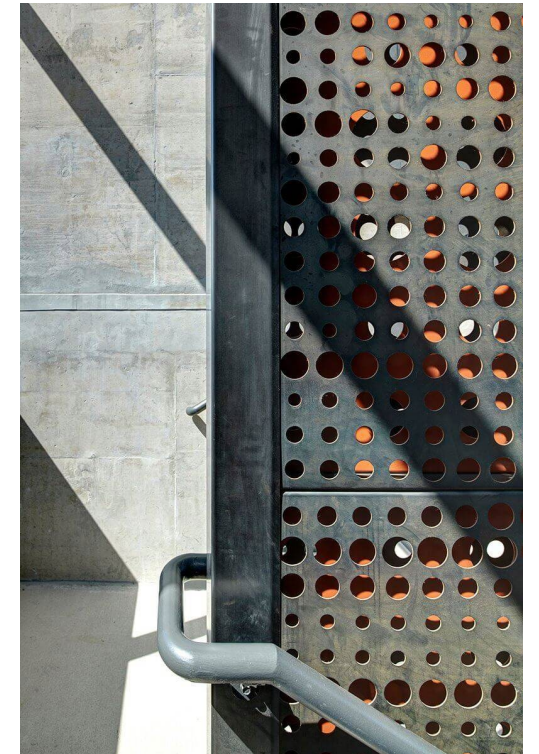
1111 Lincoln Road Parking & Mixed Use, Miami Beach, Herzog de Meuron

Celebrate the Structure



Marina City, Chicago, Bertrand Goldberg, 1964-1968

Harrison Street Parking Facility, Iowa City IA



Perforated aluminum panels allow for ventilation and daylight into building

Dress it up



Colored woven wire mesh screen Los Angeles Police Department

Dress it up



Terracotta cladding panels

Dress it up

Santa Monica Civic Center Parking Garage



Dress it up

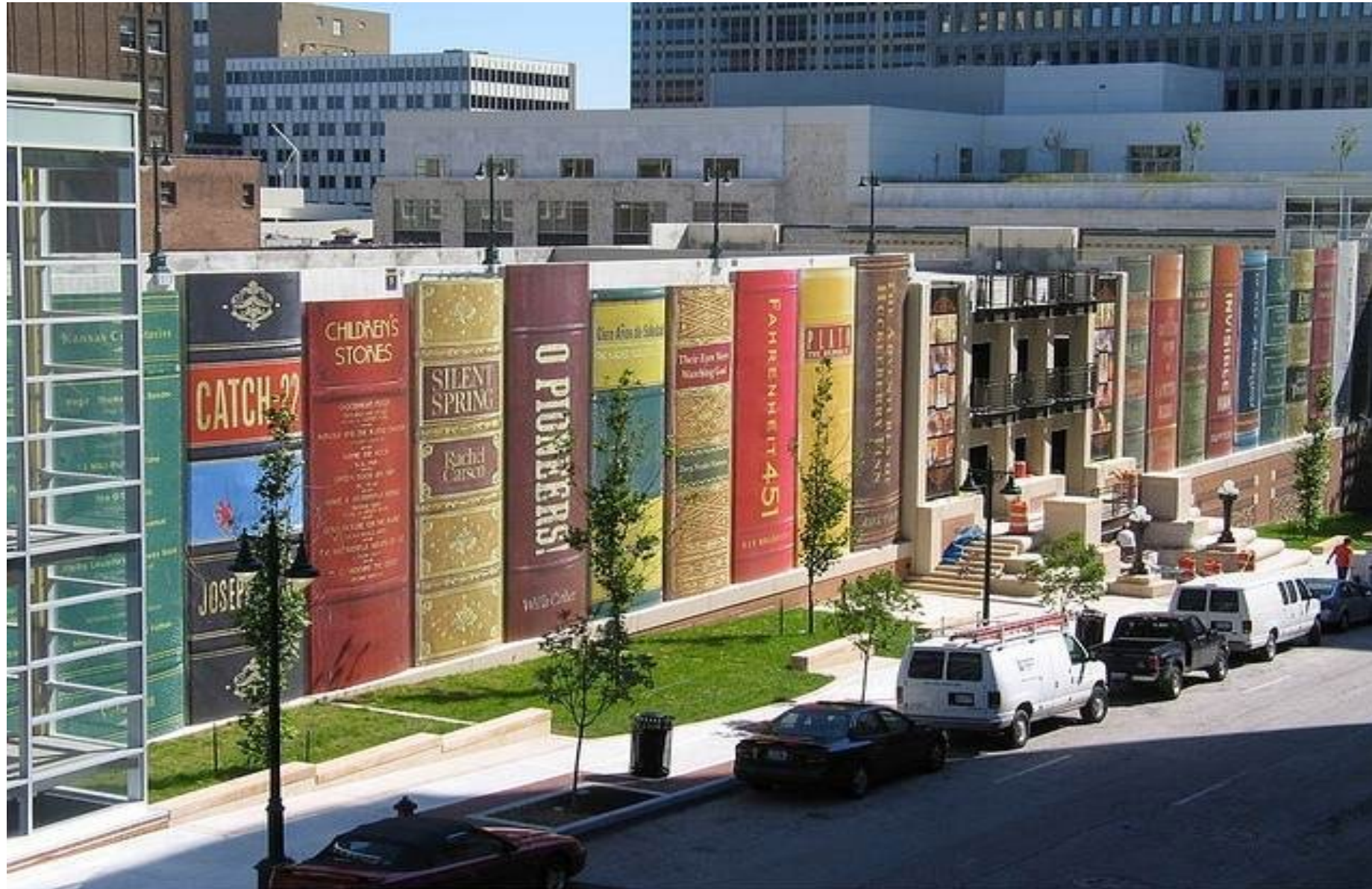
Dramatic lighting enlivens this structure in Santa Monica CA



Structure articulated as more traditional building forms and materials

Dress it up

Parking Structure, Central Library-Kansas City, Missouri



Dress it up

Get literal, not normally recommended!



An interplay of multiple forms, tower, grand staircase, and entrance “porch”

Break it down

UCSD Osler Parking Structure & Visitor's Center, La Jolla CA



Structure creates a gateway to campus, bridges to pedestrian/bike trail

Break it down





Photovoltaic (PV) Panels as “umbrellas” on roof



PV panels at edge of roof create a modern “cornice”

Make it “green”



Green walls



Lighting allows green wall to shine at night

Make it “green”

Greenway Self Park by HOK, Chicago IL



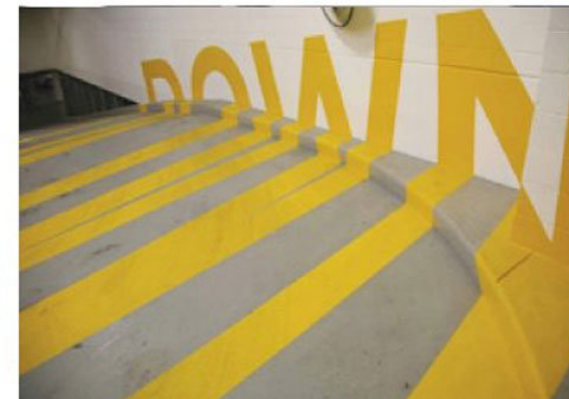
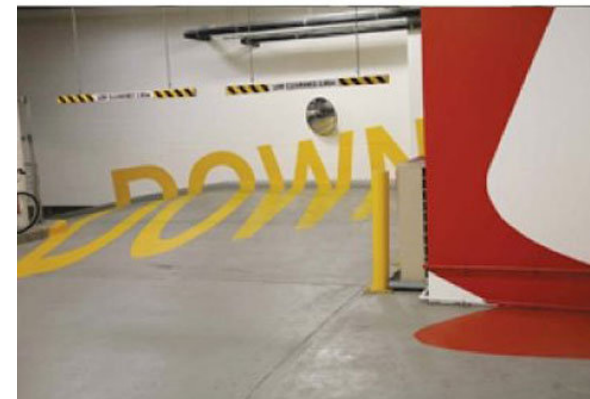
This garage features wind turbines, natural rainwater collection systems, and electric car charging stations.

Make it “green”



Integrate art

Eureka Carpark Melbourne



Integrate art



Ground floor retail, Belmar Garage, Lakewood CO

Activate it



Activate it: The Porch-what goes in it?



Thank You!