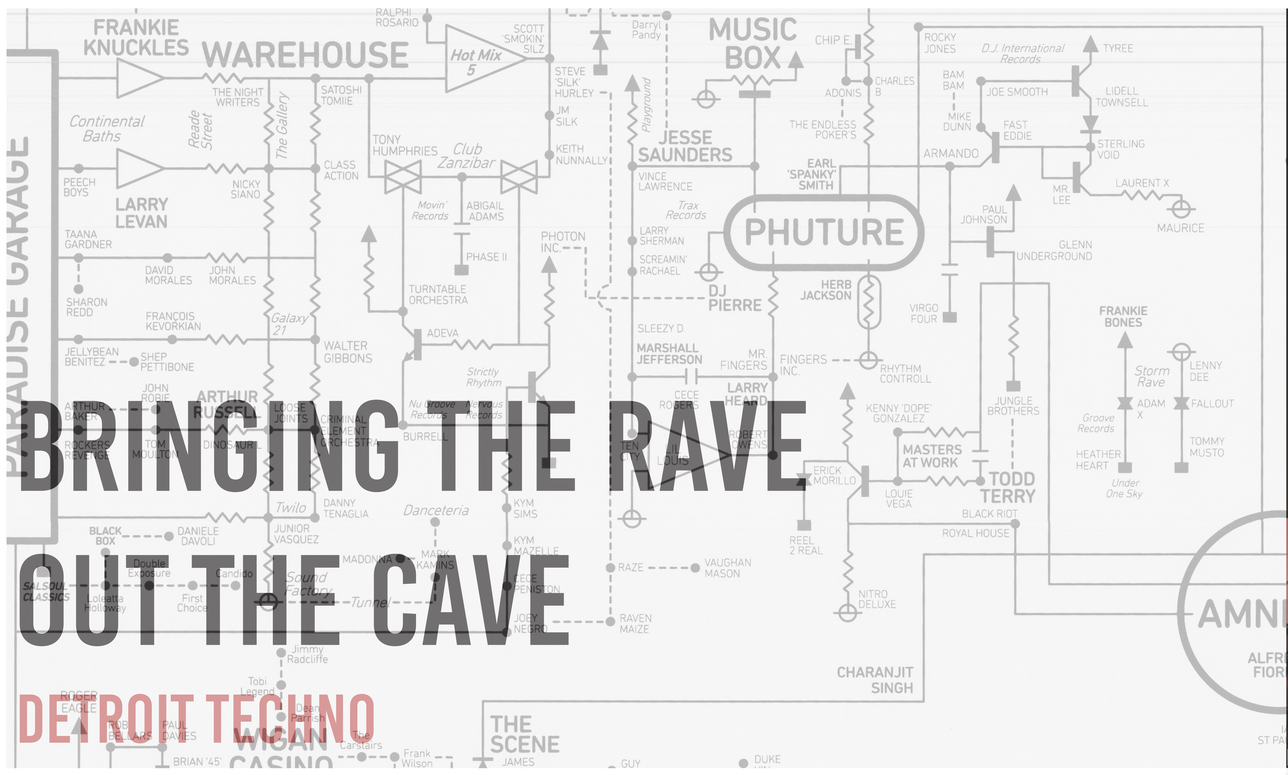
BRINGING THE RAVE OUT THE CAVE

DETROIT TECHNO



EXTERIOR PERSPECTIVE

THESIS PREMISE

Rave

(from the verb: to rave) is an organized dance party attended by large numbers of youth at a nightclub, outdoor festival, abandoned warehouses or other private property typically featuring performances by DJ's, playing a seamless flow of electronic dance music(EDM).

R — Radical
A — Audio
V — Visual
E — Experience

By examining the types of space raves inhabited, from the anarchist grass-root orgins of the urban undergrounds to the vast landscapes of commodified festivals of today, I question: what would the ideal 21st century rave space be?

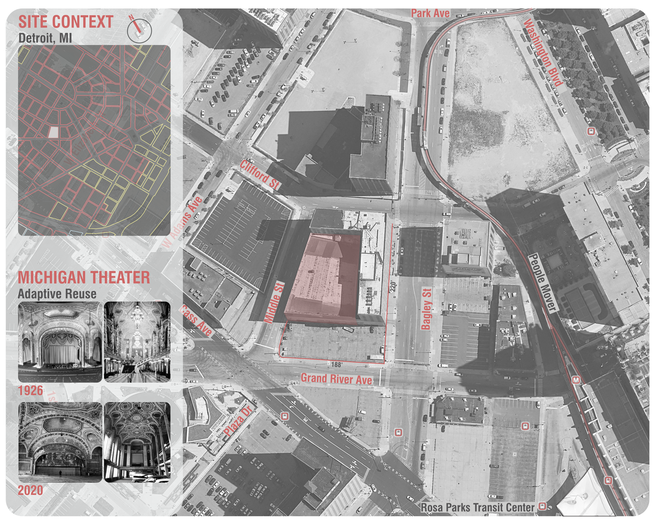
I propose to reinvent the new rave space, to structure the traditions, to reharmonize the powerful connections within body, spirit, culture and place. I aim to reconceptualize the club scene, sythesizing raves past sensibility of place with the innovative technology of today, resulting in an amorphous mixture of space, sound and light. The focus will be acoustically and visually rich environments within architectural forms that include a diverse variety of spatial experiences that enhance the physical, emotional, and spiritual responses of the users.

The result of this will be a combination of applied research into the past and present status of EDM/Rave scenes and their spatial implications along with experimenting the ideal acoustical environment and its variables through simulation.

Typology: Nightclub - Consumption & Production of EDM
Site: The Michigan Building & Theater - Downtown Detroit

SITE CONTEXT

Detroit, MI



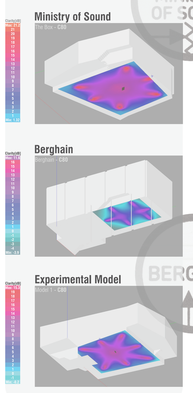
MICHIGAN THEATER

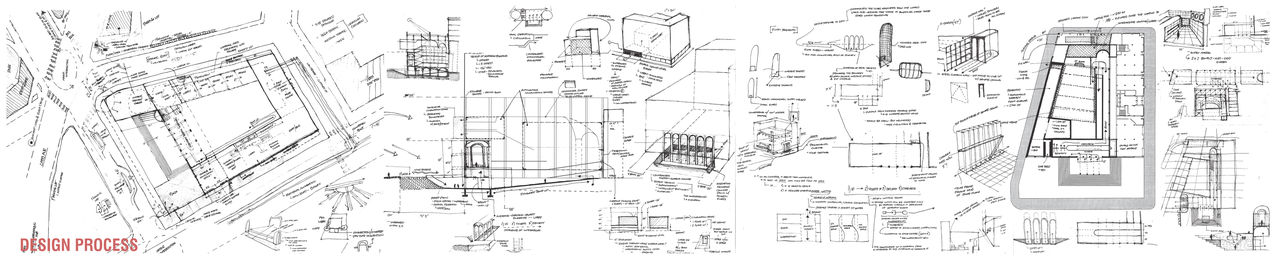
Adaptive Reuse

ACOUSTIC SIMULATION

Sound Matters

- A Study of The Ideal Acoustical/Spatial Environment for Rave/EDM Performance Spaces





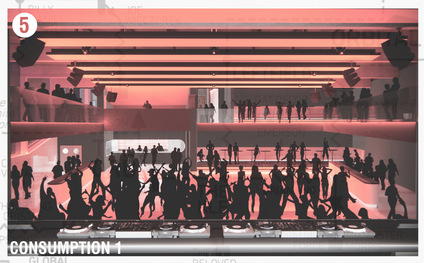
DESIGN PROCESS

1 ENTRY LOBBY

4 CONSUMPTION 1 ENTRY

7 CONSUMPTION 2

2 RAMP



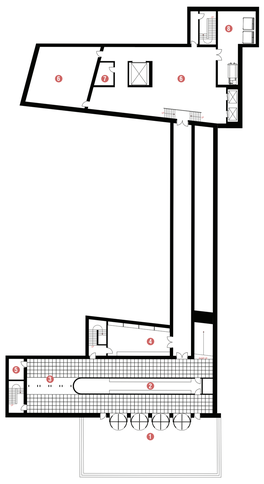
5 CONSUMPTION 1

8 CONSUMPTION 3 ENTRY

3 ELEVATOR LOBBY

6 CONSUMPTION 2 ENTRY

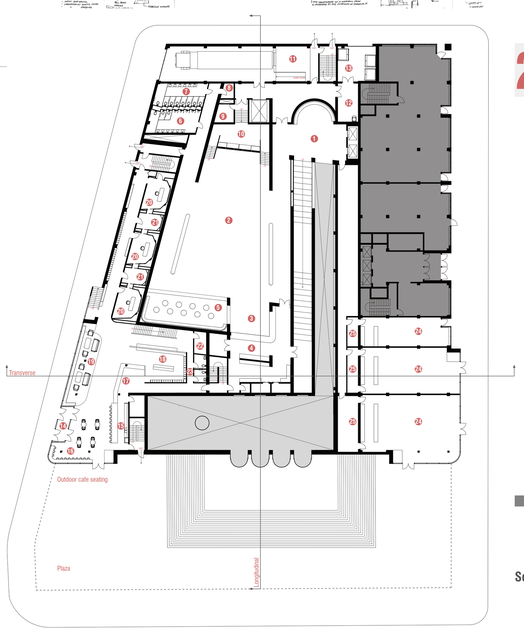
9 CONSUMPTION 3 LOUNGE



1 LEVEL -1

1. Entry
2. Tickets
3. Security
4. Coatroom
5. Storage
6. Mechanical room
7. Electrical room
8. Trash compactor room

Scale: 1/16" = 1'



2 GROUND LEVEL

Consumption Spaces

1. Acoustic elevator lobby
2. **Consumption 1**
3. Bar
4. Bar service/prep/storage
5. Lounge area
6. Male restroom
7. Female restroom
8. Janitors closet
9. Amp room
10. DJ booth
11. Closed loading dock
12. Trash chute room
13. Trash collection

Production Spaces

14. Entry vestibule
15. Cafe prep/service/storage
16. Cafe seating
17. Service front desk
18. Vinyl shop
19. Lounge Area
20. Transient mixing studio
21. Iso room
22. Storage
23. Restrooms

Commercial Spaces

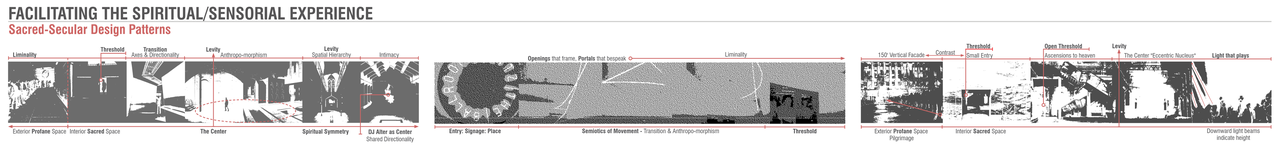
24. Leasable retail space
25. Backroom storage

Existing Michigan Building

Scale: 1/16" = 1'

FACILITATING THE SPIRITUAL/SENSORIAL EXPERIENCE

Sacred-Secular Design Patterns

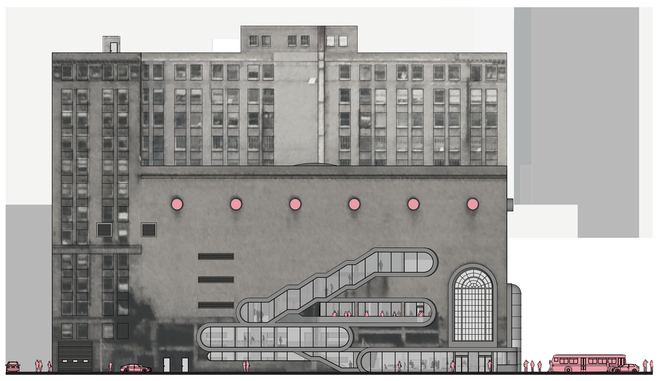


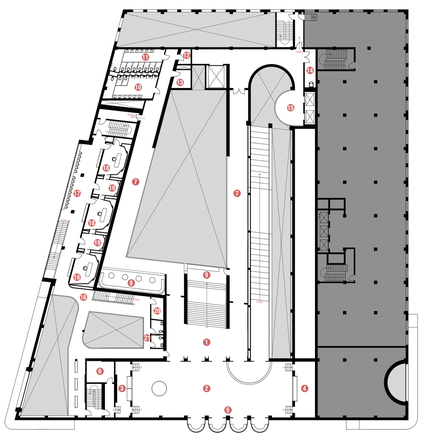
SOUTH ELEVATION

Scale: 1/16" = 1'

WEST ELEVATION

Scale: 1/16" = 1'





3 LEVEL 1

Consumption Spaces

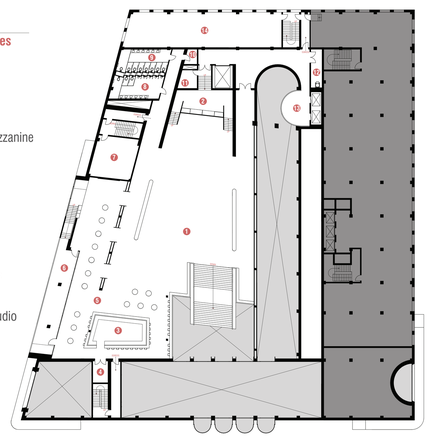
1. Acoustic lobby
2. **Consumption 2**
3. DJ booth
4. Control booth
5. Lounge area
6. Amp room
7. Consumption 1 mezzanine
8. Lounge area
9. Control booth
10. Male restroom
11. Female restroom
12. Janitors closet
13. Electrical room
14. Trash chute room
15. Elevator lobby

Production Spaces

16. Mezzanine
17. Lounge area
18. Transient mixing studio
19. Iso room
20. Storage
21. Restrooms

Existing Michigan Building

Scale: 1/16" = 1'



4 LEVEL 2

Consumption Spaces

1. **Consumption 3**
2. DJ booth
3. Main bar
4. Bar storage
5. Lounge area
6. Outdoor smoking area
7. Fan room
8. Male restroom
9. Female restroom
10. Janitors closet
11. Amp room
12. Trash chute room
13. Elevator lobby

Commercial Spaces

14. Leasable office space

Existing Michigan Building

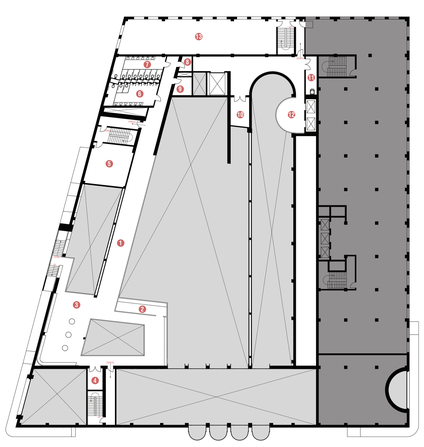
Scale: 1/16" = 1'

NORTH ELEVATION

Scale: 1/16" = 1'

EAST ELEVATION

Scale: 1/16" = 1'



5 LEVEL 3

Consumption Spaces

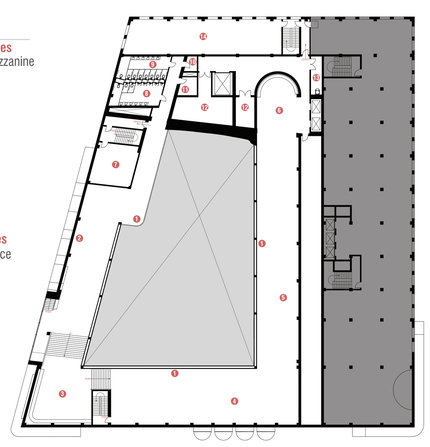
1. Consumption 3 mezzanine
2. Control booth
3. Lounge area
4. Storage
5. Fan room
6. Male restroom
7. Female restroom
8. Janitors closet
9. Electrical room
10. Storage
11. Trash chute room
12. Elevator lobby

Commercial Spaces

13. Leasable office space

Existing Michigan Building

Scale: 1/16" = 1'



6 LEVEL 4

Consumption Spaces

1. Consumption 3 mezzanine
2. Control booth
3. Lounge area
4. Storage
5. Fan room
6. Male restroom
7. Female restroom
8. Janitors closet
9. Electrical room
10. Storage
11. Trash chute room
12. Elevator lobby

Commercial Spaces

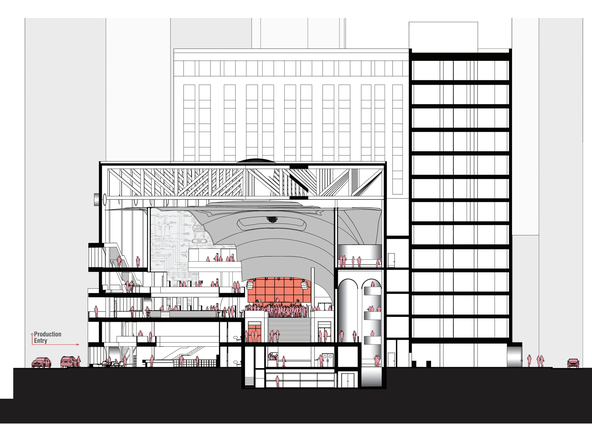
13. Leasable office space

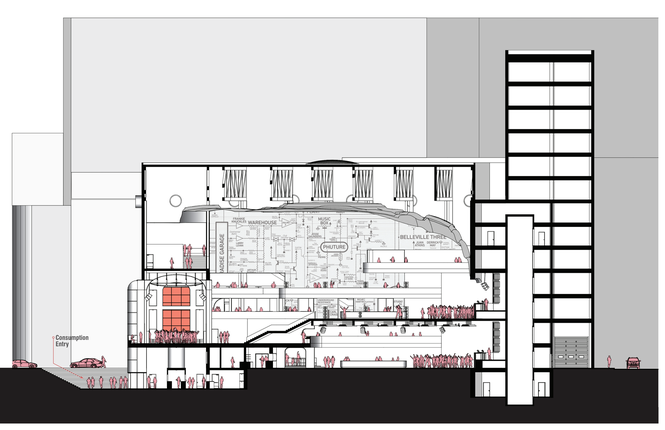
Existing Michigan Building

Scale: 1/16" = 1'

TRANSVERSE SECTION

Scale: 1/16" = 1'



LONGITUDINAL SECTION

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