THE OVERPASS OVERTOWN, MIAMI, FL

SOPHIA CAIN MASTERS THESIS SPRING 2017 The built environment is closely tied to the lives we live, so the quality of its design can have either healthful or harmful impacts on **quality of life**. The introduction of two major Interstates **deeply wounded the historic neighborhood of Overtown** in the 1960s, leaving an **architectural void** that contributed to general poverty and the **health disparities** associated with it.

The Overpass is a prototype for bridging health disparities by addressing the architectural voids contributing to them.

TABLE OF CONTENTS:

DWELL: As It Stands

Historic Map	3
Overtown Timeline	4
Bill of Health	5
Food Desert	6

REPLACE: As It Could Be

Resources Distribution 7 Site Study 9 Process Samples 10

SUBTRACT: As It Will Be

11	Proposal Rendering
12	Model Photographs

- 13 Stacked Plans
- 17 Section Perspectives

OCCUPY: As We Proceed

- 19 Axonometric Master Plan
- 21 Traffic Redistribution
- 22 Toll Booths
- 23 Renderings
- 25 References
- 26 Acknowledgements

DWELL:

As It Stands

In the 1960s, the construction of two major **Interstates** replaced much of the residential and commercial material in the historic neighborhood of **Overtown**. This **racially-driven decision** deeply wounded the neighborhood, leaving a long-lasting **architectural void** that contributed to **general poverty** and **poor health outcomes**.



OVERTOWN HISTORY TIMELINE

1896: Miami was first incorporated as a city. Overtown was originally called **"Colored Town,"** a fully segregated area.

1916: Ordinance 199 proposes setting NW 20th Street as the "**Color Line**." The rule was not passed, but the line was still unofficially recognized, **discouraging the movement of black people**.

1929: Father John E. Culmer of St. Agnes Episcopal becomes an advocate for **public health** improvement, working with the **Miami Herald**.

1947: A push for **"Urban Renewal**" starts in the form of **home inspections** and of property being taken for sidewalks.

1930s-50s: A time of **cultural vitality**, Black artists frequently performed and stayed there. People begin calling the place **"Overtown."**

1956: Plans for a more or less unobtrusive **Expressway** are cancelled in favor of plans for **Interstates running directly through Overtown**.

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1960s: The two **I-95** and **I-395** Interstates replace the business district and much housing. **Population drops** from 40,000 to around 10,000.

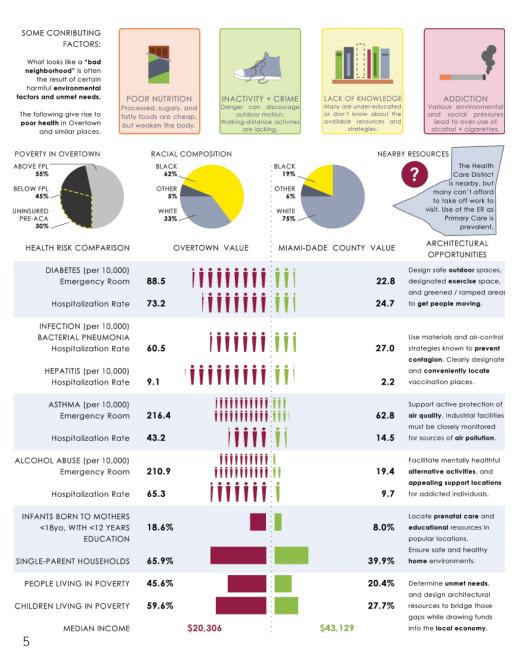
1968 Onward: Still a largely segregated area. Overtown sees a **rise in crime** and patterns of **police brutality**.

2017: Overtown has not recovered, but the residents do what they can to build a better future.

FUTURE: Property is being bought up rapidly for redevelopment, and community members fear losing Overtown.

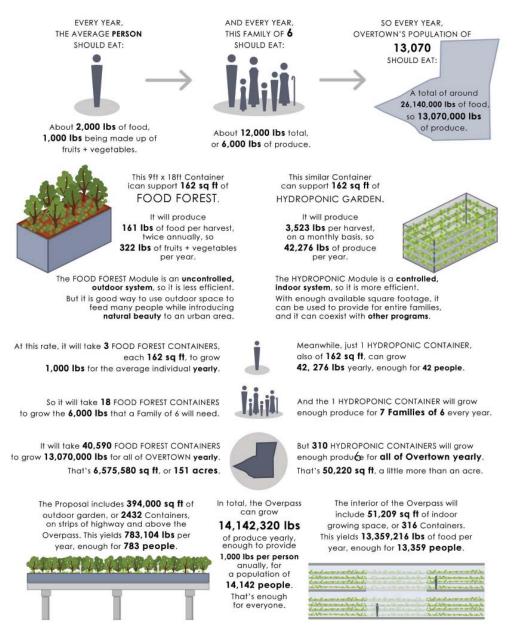
OVERTOWN'S BILL OF HEALTH

There is a correlation between **poverty and poor health outcomes**, and between **health and the built environment**. Economic poverty both contributes to poor health, and perpetutates it. Good **architectural resources** can help intervene in this system to improve a neighborhood's quality of life, but first the factors affecting health must be understood.



A JOURNEY THROUGH THE FOOD DESERT

Because low-quality food also tends to be low-cost, poverty can make it hard to avoid **preventable conditions**. Architecture can help alleviate this through **urban agriculture**, which makes fresh food more affordable through **local production**, and encourages healthier eating by making the food source visible. A combination of UA strategies can **make nutritious food abundant and accessible**.

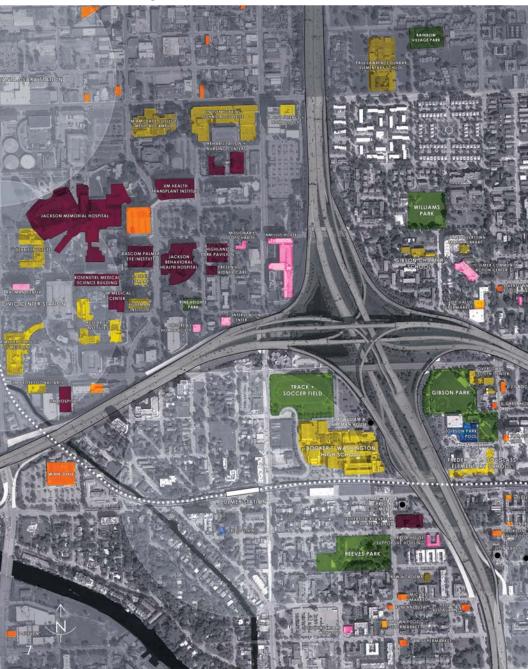


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REPLACE:

As It Could Be

While much property is swiftly being bought up for **new development** throughout Overtown, a **large central space** is reserved by the Interstates. As this distribution map illustrates, Overtown is currently in want of sufficient architectural resources benefiting **healthcare**, **nutrition**, **health education**, **and safe exercise**.



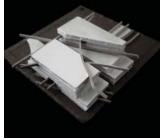


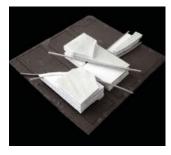
Overtown is a **historic neighborhood** worthy of respect and interest it has not often received. The original photography below captures several of the neighborhood's architectural treasures. **Mt. Zion Church** was narrowly missed by the Interstate, and functions today. **Lyric Theater** houses the Black Archives, a resource of the history of African Americans in South Florida. **The Dorsey house** is one of few like it that have survived decades of decline. Little occurs in the **spaces under the Interstates**.

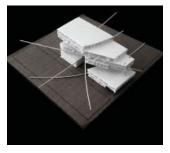


The below model studies were exercises in determining what form a building could take in the middle of the Interstates, within the framework of a **reestablished grid** of city blocks. Architecture can **take place in the wasted space** amid the highways, and contribute to Overtown's healing without taking anything away.

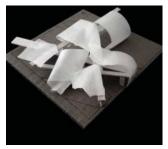








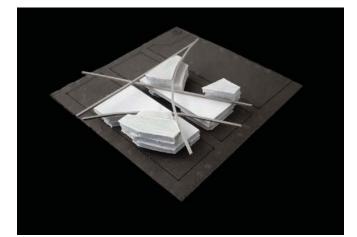








The experimental models explore what forms can result when the **curvilinear grid** in the Interstates gets superimposed on the grid of the **historic streets** that Overtown once lost. This **affirms the importance** of those streets and retains the evidence of history.



SUBTRACT:

As It Will Be

The Overpass intervenes where the Interstates intersect, and reclaims the convenient central space to add architectural resources to the neighborhood. The architecture helps address local issues of poor nutrition, non-walkability, and a lack of education and preventive healthcare, which all tie poverty to poor health outcomes.



The knot where the Interstates cross is also the center of Overtown, so it is a convenient place for a diverse array of programs to become available. It is right to interrupt the system that first disrupted Overtown, as part of an architectural move to restore it.

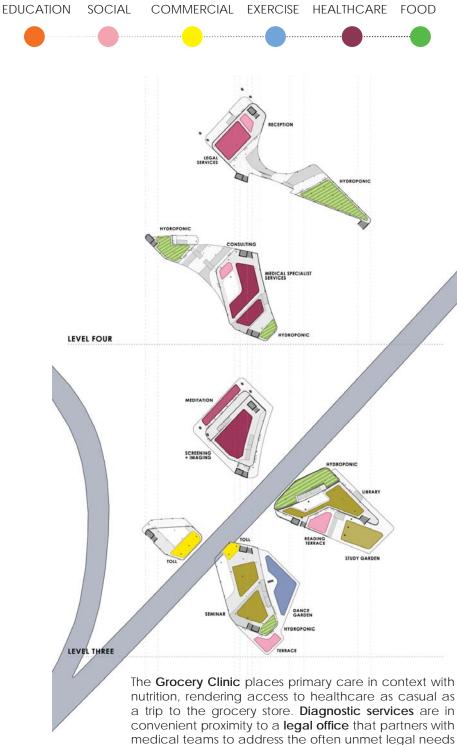




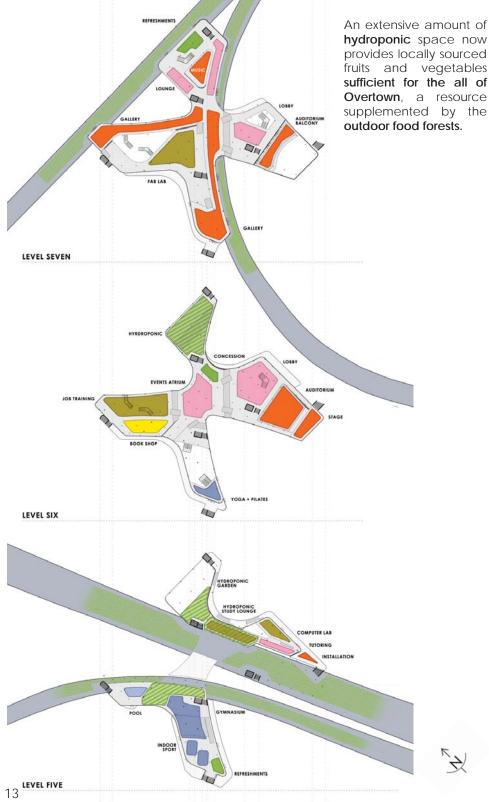


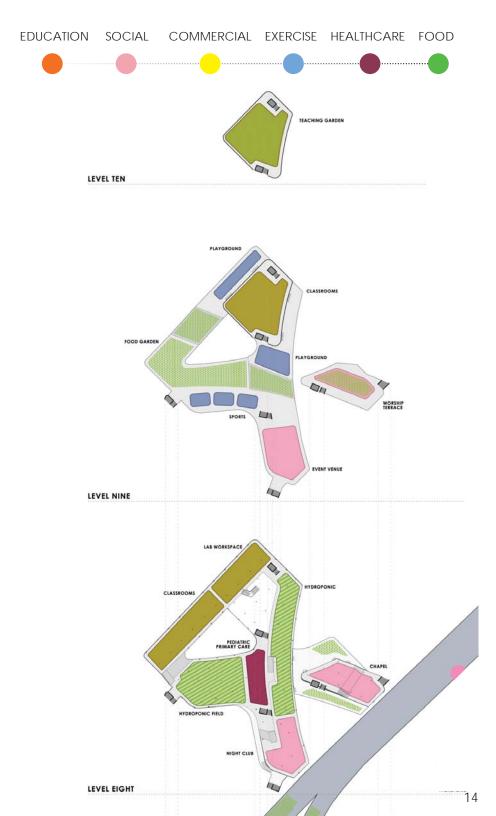
Reclaiming the same central space that Historic Overtown once lost, in order to supply architectural resources that are lacking because of that loss, is **an architectural move of restorative justice**. These floor plans show the **distribution of activities** throughout the Overpass, and visually elaborate on the relationships between **building programs** and the **nearby highways**.





of financially vulnerable people.

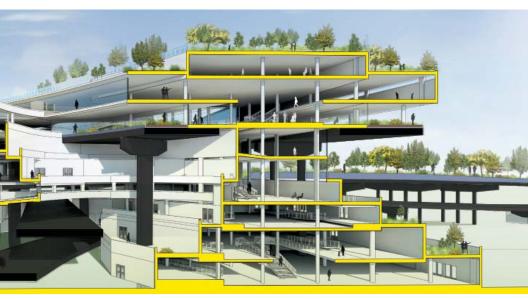






Conversations with community members highlighted what is lacking, and what is most highly valued, in Overtown. The concensus is that locals feel that new development in the neighborhood will be of a kind that slowly takes Overtown away from them. The trend of new development is here taken as a means to work for the community, so that they overcome past wounds, rather than to deepen them.





EAST BUILDING : SECTION PERSPECTIVE



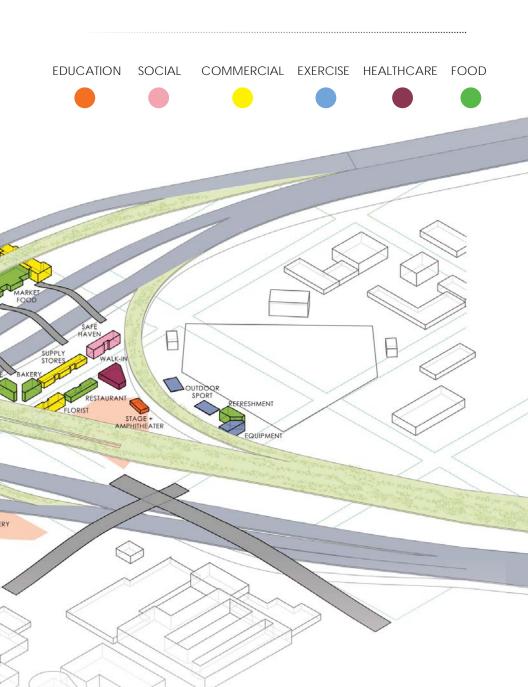
WEST BUILDING : SECTION PERSPECTIVE

OCCUPY:

As We Proceed

This master plan relies on the re-introduction of the **historic city blocks** destroyed when the Interstates were built. With that grid newly **superimposed**, we reclaim land at the center of Overtown that is currently entirely empty. New architectural resources can now be installed amid city streets which have been **nonexistent for over 50 years**.

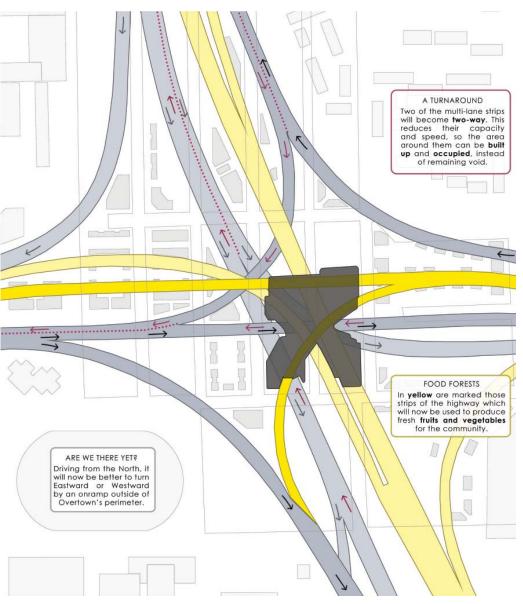




Above is a recommendation for the **arrangement of resources** in the area around the Overpass, whose design also incorporates many **similar functions**. Some of these resources will provide access to **locally-sourced healthy food**, others a safe space to **learn**, **play**, **or exercise**.

A ROAD MAP FOR TRAFFIC RECONFIGURATION

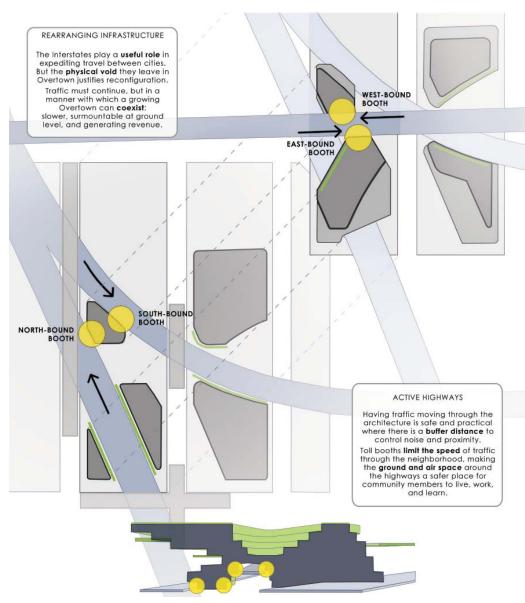
Traffic can continue in cooperation with the **productive redevelopment** of the void area. After turning half of the highway strips into **food forests**, remaining traffic can be **redirected** through the remaining half so that travel continues in every direction.



Overtown is a **historic neighborhood** in need of recovery from decades of damage. Rededicating part of the highway to addressing the food desert, and building around the rest, can help **heal Overtown and maintain intercity travel**.

INTRODUCING THE OVERPASS TOLL BOOTHS

A toll can help to support functions that **benefit everyone** - both on the road, and in the neighborhood. Making the highways into a revenue source both supports this highway's **maintenence** and facilitates neighborhood **revialization**.



Interstate highways have connected people across the nation for 50 years. But their **poor arrangement** has consistently been **economically disastrous** in places like Overtown. Imposing a toll where traffic flows through the Overpass is a way to have this infrastructure **benefit the neighborhood**.





This architecture needs to be at a scale compatible with the infrastructure in which it intervenes. It would be highly inappropriate to keep it underneath, inviting the community to enjoy new activities only under active highways. This would be a compromise in which Overtown's revitalization is limited by the same infrastructure that has crippled it for decades. It is Overtown's turn to rise above.





The cost, scale, and location of architecture can determine the significance of its effect on its surroundings. But its **content and intended use** is what determines whether that effect will be a positive or a negative one. Just like in 1960, it will not be an **"urban improvement"** for a community to be uprooted so that "better" things can be built. It is better, only if it is better for them.

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The following sources contributed to relevant research and to the development of project models and maps.

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