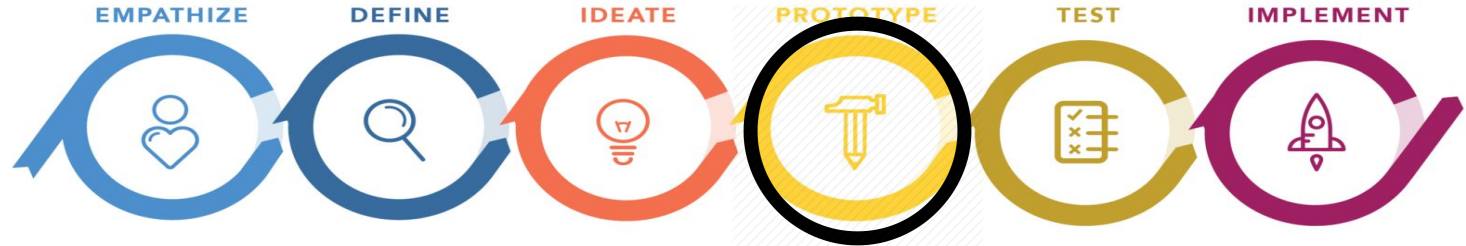


# **83rd Avenue Design Project**

**Joshua Davis, Makaylah Ford**

***Project Essential Questions: When we design sustainable housing in East Oakland, what do we envision? How can we use design skills to create a sustainable and affordable housing design for a site in East Oakland?***

# Design Process..



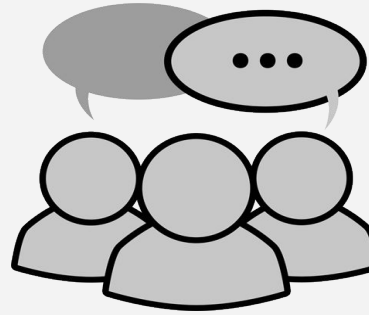
**Empathize:** Talked to Ms.Barbara, gained information/suggestions for the new design.

**Define:** Swot Analysis, using strategic planning to identify strengths, weaknesses, opportunities, and threats to the project planning.

**Ideate:** Bubble designs

**Prototype:** Exploring the ideas and intention to overall design.

# Community Engagement



- **One of the key points that stood out to us is that she expressed that she wanted windows that she could see out of. So we added plenty of large windows that open as well as they are also the right height for an outdoor view.**
- **We used the information that she gave us to create a beautiful rendering including some of the suggestions she mentioned to us.**

# Opportunity #1: Existing Conditions

- **Demolish and rebuild site.**
- **Create more expansive and sustainable modern apartment units.**
- **Assigned parking lots**
- **More windows and modern appliances for tenant's comfort and safety.**



## Opportunity #2 Existing Conditions

- Dull color, part of the building is burnt and blocked off by the fenced gate.



# Site Design

**This layout represents the redesign of the site in a modern look but still has a piece of DNA of the original site.**

- **Smaller but visible trees to avoid risk of fires or other disasters.**
- **More viewable windows and accessibility for disabled people.**



# Site Design - View 2



# Site Design - View 3





# Seating/Recreation Area

- **Playground area for children.**
- **Modern Trampoline.**
- **A portable BBQ Area for residents and guest with seating benches.**
- **Basketball Court**



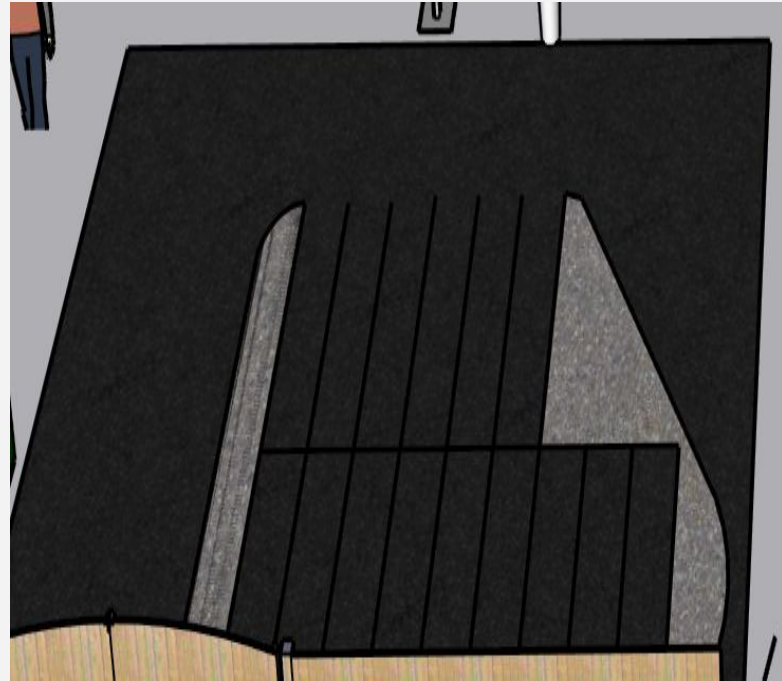
# Building Siding Material

- **Stucco Structure!**
- **Fire resistant**
- **Inexpensive**
- **Less flammable.**
- **Holds more texture than wood structure.**



# Paving Material

- **Asphalt Concrete!**
- **I would choose Asphalt to go in any area in the neighborhood.**
- **Asphalt is hard and durable it offers enough flexibility to accommodate imperfections in underlying surfaces, a feature that concrete sorely lacks.**
- **It's 100% recyclable!**



# Landscaping

- Bushes
- Grass
- Skinny Trees
- Oak Trees

**We chose these options for landscaping because it creates excitement and life to the site. Also, makes it look welcoming and appealing with the upgrades.**



# Streetscape

**I would enjoy to see..**

- **Plenty Green Space**
- **Energy-efficient Streetlights**
- **Newly Constructed Sidewalks.**

**I hope to see these changes because it would help save energy, add new life into the neighborhood, and improve safety.**



# Creek Connection/Improvements

- **Add a Bridge Connector**
- **Metal or Concrete structure for sustainability and longer lasting results. Also, safety.**
- **Bright light poles for safety and decoration.**



# Reflection

- We learned that we can landscape (make the building more attractive) in many ways.
- A challenge of this project at first was adjusting to the way we're supposed to make buildings on the computers.
- One of the easiest phases of this project was landscaping
- Something I would have done differently was save my building in a different way and MAKE SURE its saved.



# Community Sustainability

**Designs improvements:** will create a better and more sustainable life for the housing residents because it'll have smaller but visible trees to avoid risk of fires or other disasters, and more viewable windows and accessibility for disabled people.

**Streetscape improvements:** will create a better and more sustainable neighborhood because it would have energy saving lighting, more green space with better trees that can improve the air. And, it will improve safety in the neighborhood.

**Connections improvements along the creek:** will create a more sustainable environment by adding more safety, make it more attainable.



# Thank You!



**DO IT...**

**THE KNIGHT WAY!**