## **BROOKHAVEN CITY HALL**

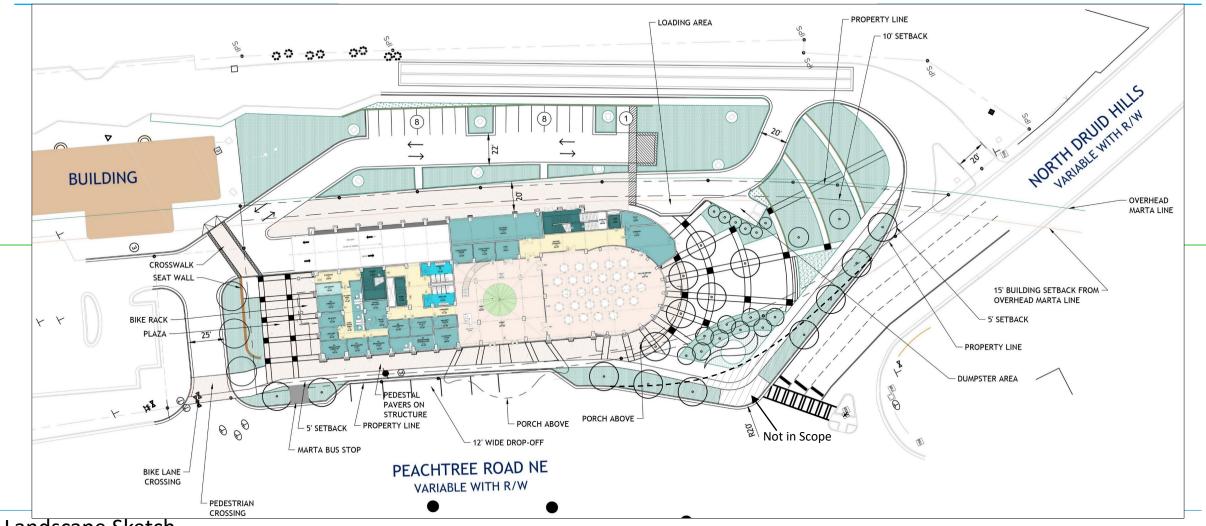
Schematic Design Massing and Layout Document. 01/24/2023





### **BROOKHAVEN CITY HALL**

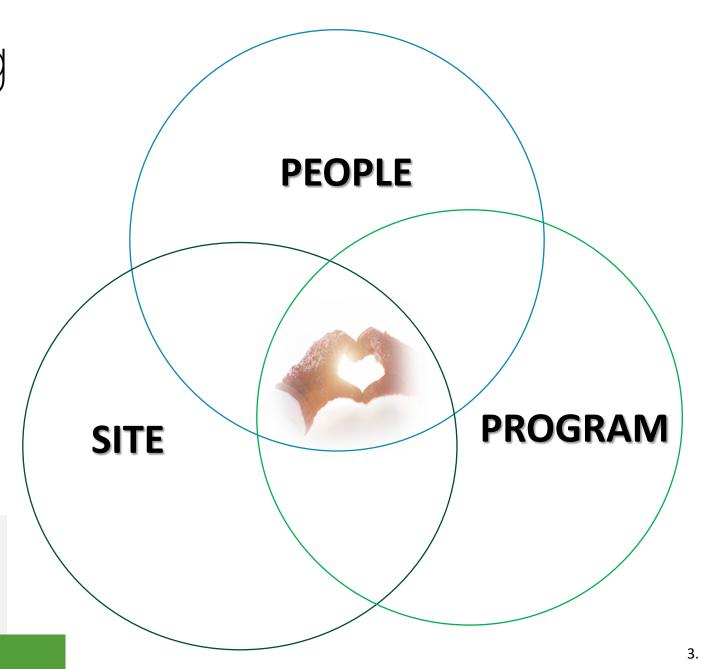
#### Schematic Design Massing and



Landscape Sketch

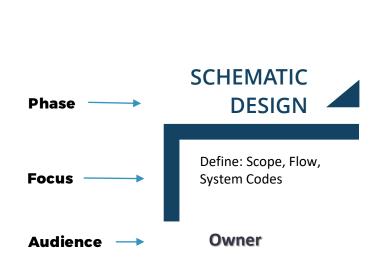


# **WE** are creating the **HEART** of Brookhaven



## The Sizemore Group

**Our Process** 



**DESIGN** • co

- Systems Integration
- Validate Scope of Work

**DEVELOPMENT** 

**Owner/ Contractor** 

CONSTRUCTION DOCUMENTS

• Code Compliant Solution

CM @ Risk

Contractor

PERMITTING AND CONSTRUCTION ADMINISTRATION

 Coordinated Document Sufficiency

> CM @ Risk Owner Contractor

# WHERE WE WE WE



SCHEMATIC DESIGN CHARETTE



**SCHEMATIC PRICING** 



APPROVE SCHEMATIC DESIGN AND BUDGET AND SCOPE



PROCEED TO DESIGN DEVELOPMENT





# Key Outcomes from

**PUBLIC** 

**ENGAGEMENT**Interviews

Key outcomes at Schematic Level

- A design reflecting Brookhaven
- Need for Green Space (WELL)
- Access to Daylight (sustainable)
- Everyone feels welcome





#### LEED Checklist

| Y   | ?  | N      |   |   |   |
|---|----|--------|---|---|---|
| 1   |    |        | Credit  | Integrative Process   | 1   |
| 8   | 19 | 5      | Locat   | ion and Transportation  | 16  |
|   | 16 |        | Credit  | LEED for Neighborhood Development Location  | 16  |
| 1   |    |        | Credit  | Sensitive Land Protection   | 1   |
| 2   |    |        | Credit  | High Priority Site and Equitable Development  | 2   |
|   | 3  | 2      | Credit  | Surrounding Density and Diverse Uses  | 5   |
| 2   |    | 3      | Credit  | Access to Quality Transit   | 5   |
| 1   |    |        | Credit  | Bicycle Facilities  | 1   |
| 1   |    |        | Credit  | Reduced Parking Footprint   | 1   |
| 1   |    |        | Credit  | ⊟ ectric Vehicles   | 1   |
| 5   | 4  | 0      | Sust a  | ninable Sites   | 10  |
| Υ   |    |        | Prereq  | Construction Activity Pollution Prevention  | Required  |
| 1   |    |        | Credit  | Site Assessment   | 1   |
| 1   | 1  |        | Credit  | Protect or Restore Habitat  | 2   |
|   | 1  |        | Credit  | Open Space  | 1   |
| 1   | 2  |        | Credit  | Rainwater Management  | 3   |
| _   |    |        | Credit  | Heat Island Reduction   | 2   |
| 2   |    |        | Credit  | meat island reduction   |   |
| 2   |    |        | Credit  | Light Pollution Reduction   | 1   |
|   | 0  | 3      |   | Light Pollution Reduction   |   |
| 8   | 0  | 3      | Credit  | Light Pollution Reduction   | 1   |
| 8<br>Y  | 0  | 3      | Credit<br>Water   | Light Pollution Reduction  Efficiency   | 1<br>11<br>Required   |
| 8<br>Y  | 0  | 3      | Credit<br><b>Water</b><br>Prereq  | Light Pollution Reduction  Efficiency  Outdoor Water Use Reduction  | 1<br>11<br>Required<br>Required   |
| 8<br>Y  | 0  | 3      | Credit  Vater  Prereq  Prereq   | Light Pollution Reduction  Efficiency  Outdoor Weter Use Reduction Indoor Weter Use Reduction   | 1<br>11<br>Required<br>Required   |
| 8<br>Y<br>Y   | 0  |        | Credit  Volater  Prereq  Prereq  Prereq   | Efficiency Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering   | 11<br>Required<br>Required<br>Required  |
| 8<br>Y<br>Y<br>Y                                    | 0  |        | Volater Prereq Prereq Prereq Credit   | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction  | 1<br>11<br>Required<br>Required<br>Required   |
| 8<br>Y<br>Y<br>1<br>6                               | 0  | 1      | Vater Prereq Prereq Prereq Credit Credit  | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction  | 11 Required Required Required Required  |
| 8<br>Y<br>Y<br>1<br>6                               | 0  | 1 2    | Vát er Prereq Prereq Prereq Credit Credit Credit  | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction Optimize Process Water Use   | 1 1 Required Required Required 2 6 2  |
| 8<br>Y<br>Y<br>1<br>6                               |    | 1 2    | Vát er Prereq Prereq Prereq Credit Credit Credit  | Efficiency  Cut door Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Cut door Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction Cptimize Process Water Use Water Metering  | 11 Required Required Required 2 6 2 1   |
| 8<br>Y<br>Y<br>1<br>6<br>1                          |    | 1 2    | VALET Prereq Prereq Prereq Credit Credit Credit   | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction Optimize Process Water Use Water Metering  | 11 Required Required Required 2 6 2 1 33 Required                                     |
| 8<br>Y<br>Y<br>1<br>6<br>1                          |    | 1 2    | Vater Prereq Prereq Prereq Credit Credit Credit Credit Prereq Prereq  | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction Optimize Process Water Use Water Metering  Ty and Atmosphere  Fundamental Commissioning and Verification   | 11 Required Required Required 2 6 2 1 33 Required                                     |
| 8<br>Y<br>Y<br>1<br>6<br>1                          |    | 1 2    | Vater Prereq Prereq Prereq Credit Credit Credit Prereq Prereq Prereq Prereq Prereq                                | Efficiency  Outdoor Water Use Reduction  Indoor Water Use Reduction  Building-Level Water Metering Outdoor Water Use Reduction  Indoor Water Use Reduction  Indoor Water Use Reduction  Optimize Process Water Use Water Metering  Ty and Atmosphere  Fundamental Commissioning and Verification  Minimum Energy Performance  | 11 Required Required Required 2 6 2 1 33 Required Required                            |
| 8<br>Y<br>Y<br>1<br>6<br>1                          |    | 1 2    | Vater Prereq Prereq Prereq Credit Credit Credit Prereq Prereq Prereq Prereq Prereq Prereq Prereq                  | Efficiency  Outdoor Weter Use Reduction  Indoor Weter Use Reduction  Building-Level Weter Metering Outdoor Weter Use Reduction  Indoor Weter Use Reduction  Indoor Weter Use Reduction  Optimize Process Weter Use  Weter Metering  Typy and Atmosphere  Fundamental Commissioning and Verification  Minimum Energy Performance  Building-Level Energy Metering   | 11 Required Required Required 2 6 2 1 33 Required Required                            |
| 8<br>Y<br>Y<br>Y<br>1<br>6                          | 11 | 1 2    | Credit  What er Prereq Prereq Prereq Credit Credit Credit Credit Prereq Prereq Prereq Prereq Prereq Prereq        | Efficiency  Outdoor Weter Use Reduction Indoor Weter Use Reduction Building-Level Weter Metering Outdoor Weter Use Reduction Indoor Weter Use Reduction Indoor Weter Use Reduction Optimize Process Weter Use Weter Metering  Ty and Atmosphere Fundamental Commissioning and Verification Minimum Energy Performance Building-Level Energy Metering Fundamental Refrigerant Management   | 11 Required Required Required 2 6 2 1 33 Required Required                            |
| 8<br>Y<br>Y<br>1<br>6<br>1<br>1<br>Y<br>Y           | 11 | 1 2 10 | Credit  What er Prereq Prereq Prereq Credit Credit Credit Credit Prereq Prereq Prereq Prereq Prereq Credit        | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction Optimize Process Water Use Water Metering  Ty and Atmosphere Fundamental Commissioning and Verification Minimum Energy Performance Building-Level Energy Metering Fundamental Refrigerant Management Enhanced Commissioning  | 11 Required Required Required 2 6 2 1 33 Required Required Required Required Required |
| 8<br>Y<br>Y<br>1<br>6<br>1<br>1<br>Y<br>Y<br>Y<br>Y | 11 | 1 2 10 | Credit  Vát er Prereq Prereq Prereq Credit Credit Credit  Ener C Prereq Prereq Prereq Prereq Prereq Credit Credit | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction Optimize Process Water Use Water Metering  Ty and Atmosphere Fundamental Commissioning and Verification Minimum Energy Performance Building-Level Energy Metering Fundamental Refrigerant Management Enhanced Commissioning Optimize Energy Performance                          | 1 Required Required Required 2 6 2 1 33 Required Required Required Required 6 18      |
| 8<br>Y<br>Y<br>1<br>6<br>1<br>1<br>Y<br>Y<br>Y<br>Y | 11 | 1 2 10 | Credit  Wat er Prereq Prereq Prereq Credit Credit Credit Credit Prereq Prereq Prereq Prereq Prereq Credit Credit  | Efficiency  Outdoor Water Use Reduction Indoor Water Use Reduction Building-Level Water Metering Outdoor Water Use Reduction Indoor Water Use Reduction Indoor Water Use Reduction Optimize Process Water Use Water Metering  Ty and Atmosphere Fundamental Commissioning and Verification Minimum Energy Performance Building-Level Energy Metering Fundamental Refrigerant Management Enhanced Commissioning Optimize Energy Performance Advanced Energy Metering | 1 Required Required Required 2 6 2 1 33 Required Required Required Required 18 1      |

| 7 | 0       | Material   | s and Resources  | 13  |
|---|---------|------------|--|---|
|   |         | Prereq     | Storage and Collection of Recyclables  | Required  |
| 4 |         | Credit     | Building Life-Cycle Impact Reduction   | 5   |
| 1 |         | Credit     | Environmental Product Declarations   | 2   |
|   |         | Credit     | Sourcing of Raw Materials  | 2   |
| 1 |         | Credit     | Material Ingredients   | 2   |
| 1 |         | Credit     | Construction and Demolition Waste Management   | 2   |
| 1 | 0       | l ndoor    | Environmental Quality  | 16  |
|   |         | Prereq     | Minimum Indoor Air Quality Performance   | Required  |
|   |         | Prereq     | Environmental Tobacco Smoke Control  | Required  |
|   |         | Credit     | Enhanced Indoor Air Quality Strategies   | 2   |
|   |         | Credit     | Low-Emitting Materials   | 3   |
|   |         | Credit     | Construction Indoor Air Quality Management Plan  | 1   |
| 1 |         | Credit     | Indoor Air Quality Assessment  | 2   |
|   |         | Credit     | Thermal Comfort  | 1   |
|   |         | Credit     | Interior Lighting  | 2   |
|   |         | Credit     | Dayl i ght   | 3   |
|   |         | Credit     | Quality Views  | 1   |
|   |         | Credit     | Acoustic Performance   | 1   |
| 0 | 0       | l nnovat i | on   | 6   |
|   |         | Credit     | I nnovat i on  | 5   |
|   |         | Credit     | LEED Accredited Professional   | 1   |
| 0 | 0       | Regi onal  | Pri ori t y  | 4   |
|   |         | Credit     | Regional Priority: Specific Credit   | 1   |
|   |         | Credit     | Regional Priority: Specific Credit   | 1   |
|   |         | Credit     | Regional Priority: Specific Credit   | 1   |
|   |         | Credit     | Regional Priority: Specific Credit   | 1   |
|   |         |            |  |   |
|   | 1 1 1 0 | 1 0        | Prereq 4 Credit Credit 1 Credit | Prereq Storage and Collection of Recyclables  4 |



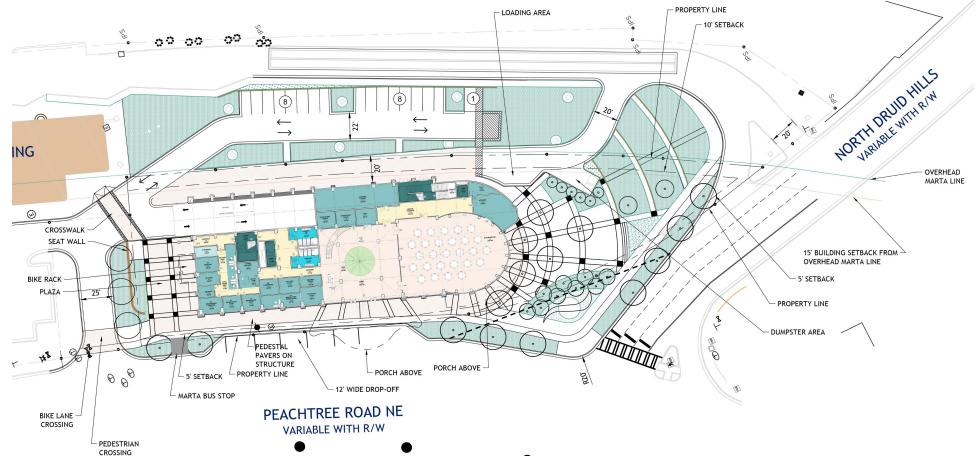
STREETSCAPE:(DECORATIVE MATERIALS, DELINEATED BIKE LANE, SHADE TREES, WIDE LANDSCAPE STRIPS



PLAZA PAVING: DECORATIVE MATERIALS ON BUILDING GRID PATTERNS, SCULPTURE SEATING, SHADE TREES



UNDERLINE IN MIAMI CASE STUDY EXAMPLE





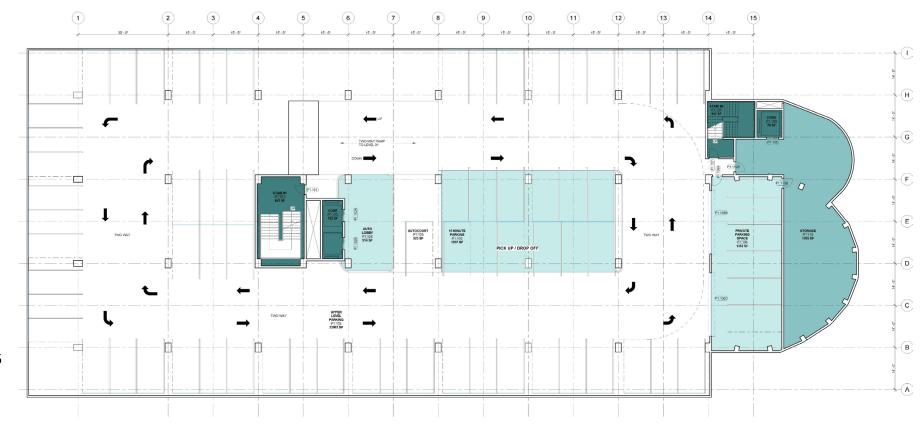
SCULPTURE GARDEN UNDER TRANSIT TRACKS







Parking Level



BASEMENT 1 - 68 CAR PARKS

ON SURAFCE – 16 CAR PARKS

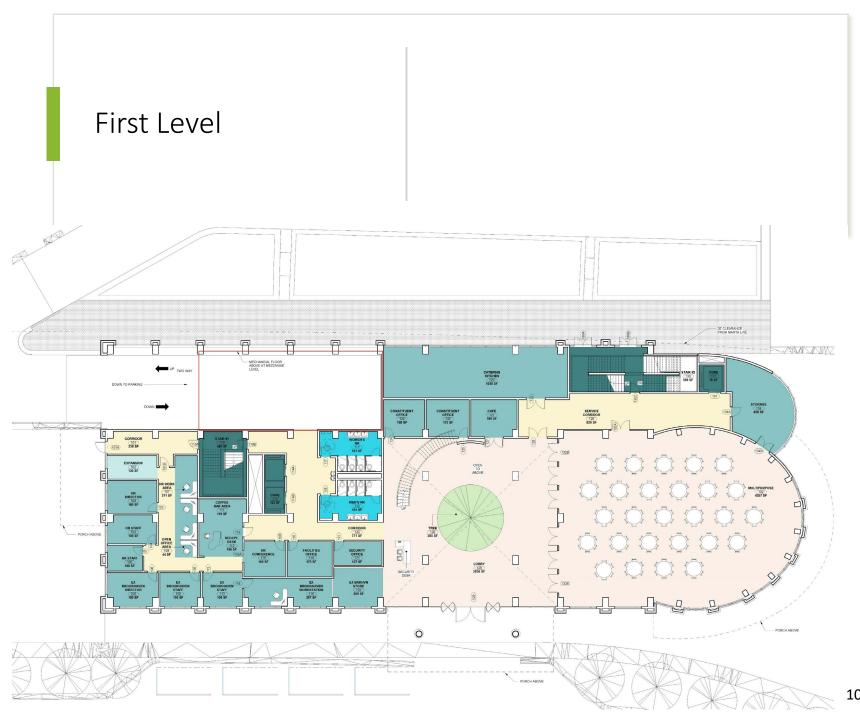
- 10 Mins. DROP OFF CAR PARK = 16

- BIKE / MIXED MOBILITY PARKING

TOTAL - 100 CAR PARKS

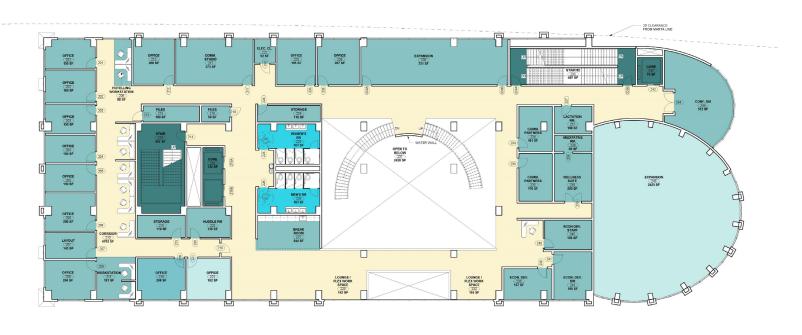






#### Second Level

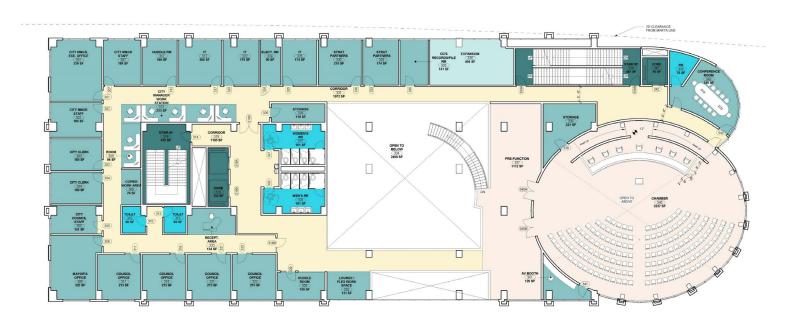






Third Level





#### Roof Level



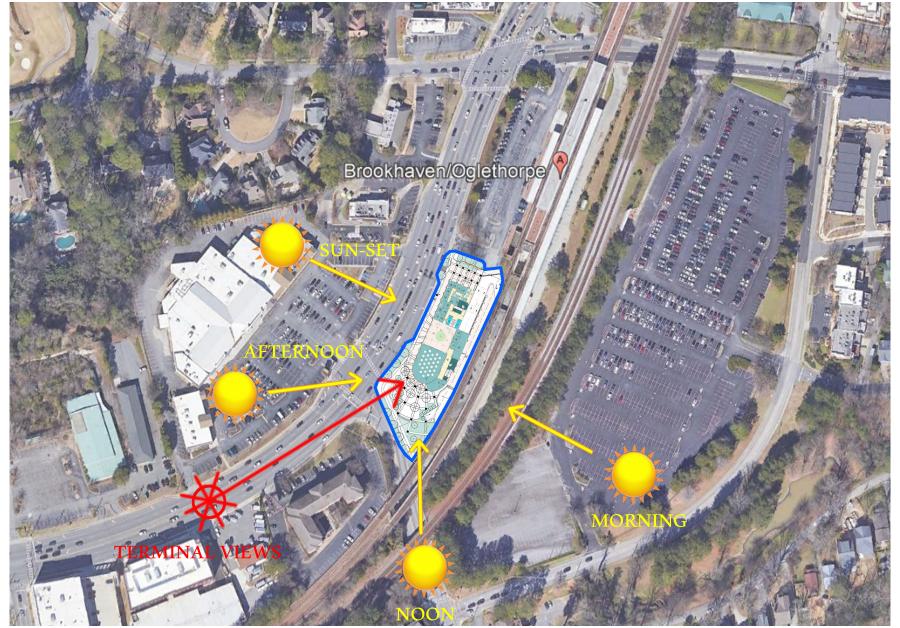






#### Side Elevation









"In my opinion, Iconic
Architecture is about memory
creation, and that is why
Millennium Park is so good at
it because there are pieces of
art/ architecture but the
build up around it and
connection between them is
what is really magical."

Dave Broz, AIA, LEED AP
Visiting Professor of Interior
Architecture
Full-Time Professor





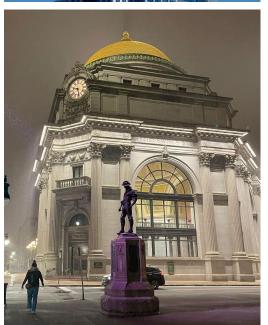
















## TOGETHER, WE ARE

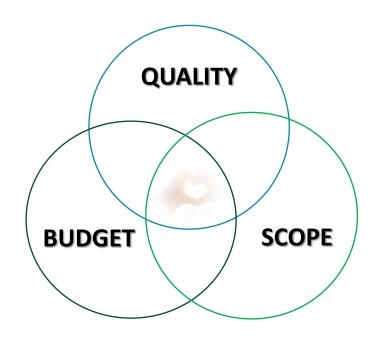
## GOING

SG WILL CONTINUE TO DEVELOP THE DESIGN BASED ON COMMUNITY AND LEADERSHIP INPUT INTO **DESIGN DEVELOPMENT** 



### **NEXT STEPS**

- Approve Schematic Design
- Continued Community Engagement
- Begin Design Development Alternatives
  - Elevation Study
  - Iconic Features
  - Interior material selections
  - Sustainability and Well Study/ Analysis
  - **Parallel Cost Estimations**





## WE THANK YOU

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