**ASSIGNMENT: Site Documentation…. then Analysis**

Site Analysis discussion. Site Visit.

Site is located on 902-904 Hunts point Ave, 10474 Bronx, NY 10474

Zoning M1-2

Block 2741 Lot 1, 50, 60, and lot 42



Site analysis is an integral and necessary step in the design process that involves research and understanding of a specific site and its environment.

The process is essential to understand design opportunities and challenges at both the urban and building scales.

The process involves Site Documentation and Site analysis.

More than just one element goes into a given site analysis. These elements include location, neighborhood context, site and zoning, legal elements, natural physical features, man-made features, circulation, utilities, sensory, human and cultural, and climate components.

**Objective**

Students will analyze social patterns, behaviors, flows, and narratives specific to our site

Initially, student groups will form to collaborate and document site-specific characteristics.



**Structure**

The studio will work in four groups. Each group will select an area of expertise from the list below.

Each Group will collectively generate the following documentation:

Site Documentation: To develop drawings documenting existing conditions that serve as a basis for contextual analysis and architectural design work

 Site Analysis: To develop a clear understanding of contextual forces in society and within the built environment that inform architectural and urban design strategies.

Document your site by gathering photos and visiting the site and taking your own photos. Make sure you show a **map** and a **site analysis** as to why this is an ideal location for your clients.

Create one base map that the entire group can use to document the following:

**Answer the following:**

**SITE: Location-** *The site should be related to major streets or landmarks previously existing. Aerial photographs help in this assessment stage. There should be documentation of distances and time from major places.*

**SITE: History** *includes neighborhood history, timeline, images, text*

**SITE: Generalities-LAND USE** *Includes, figure ground, commercial vs residential, industrial, greenspace etc*

**SITE: Commerce Includes but not limited to** *hotels, restaurants ,grocery stores, cafes, bars, places of interaction, schools, places of worship, community centers, etc.*

**SITE: Demographics** *Includes race, income, ethnicity, national origin, building cost, etc.*

**SITE: Legal *Elements*** *Includes zoning classifications, FAR, set-backs, height restrictions, allowable site coverage, uses, and parking requirements , landmark and flood zone requirements.*

**SITE: Climate and Natural Light** *Includes natural light intensity, natural light density, analysis over time/space, flood zones, etc.*

**SITE: Circulation/Pathways** *Includes Residential to Commercial, Residential to Residential, Subways to Residential & Commercial, bike paths, walking distance – 5,10,15 min radius, Schools to Commercial, etc.*

**SITE: Urban Fabric** *Includes façade patterning, materials, hierarchies, solid/void, rhythm, repetition, etc.*

**SITE: Views** *from the site. Frame the views that occur from your site.*

**INDIVIDUAL ASSIGNMENT after completion of Site Analysis**

**SITE STRATEGY DIAGRAM: Collage of your major impacts to the site.** *This is one sheet that highlights the most influential elements that were found in your site analysis. This site diagram will guide you in making decisions in your design process. It is a summary of what you found during the site analysis.*

**HOMEWORK**: Site Analysis along with a class site model.

**Sources**

 Sanborn Maps

 Google Earth

 USGS surveys

 U.S. Census

 [www.oasisnyc.org](http://www.oasisnyc.org)

**Field Study**

Visit and document site-specific information related to your chosen area of expertise. Your field study should extend beyond into the greater neighborhood vicinity. Using a camera, measured sketches, mapped documentation, and other devices--record what you see.

Your documentation may include:

street widths, sidewalk widths, building dimensions, façade elevations, site context sketches, site sections, etc.

**Requirements**

Student groups will generate precise base drawings of the following:

*context plan, site plan, site sections, site elevations, massing diagrams, etc.*

Produce four (minimum) analytical site mappings/diagrams.

Your documentation may include various themes, depending on your area of focus, including demographics, architectural context, sectional qualities, density, accessibility, site lines, places of egress/entry, transportation links, subway locations, movement and flows of the site, paths, circulation, lighting conditions, etc.