Topic: G.I Connectivity In Maspeth IBZ

• Intersection of urban planning and environmental sustainability by studying green infrastructure in the area
• Locating where in the Maspeth Industrial business zone the Alliance can effectively integrate green infrastructure like rain gardens, parks, and tree pits
• Promote ecological resilience, enhance livability, mitigate the urban heat island effects and most importantly generate connectivity of green infrastructure.
Methodology

• Field Work
• Research of Data found on NYC Open Data

Tools

• ArcGIS Pro
• Google My Maps
• NYC Open Data
Green Infrastructure Locations

Legend
- Maspeth IBZ
- Newton Creek
- DEP Green Infrastructure
- Tree Census
- DOT City Bench
- Public Water Fountains
- Bike Lanes
- Under Developed Green Space
- Under Construction Green Infrastructure
- Sidewalks
- Park Properties

Quantities
- Maspeth IBZ: 72
- Newton Creek: 0
- DEP Green Infrastructure: 226
- Tree Census: 0
- DOT City Bench: 0
- Public Water Fountains: 0
- Bike Lanes: 1
- Under Developed Green Space: 3
- Under Construction Green Infrastructure: 1
- Sidewalks: 84
- Park Properties: 1
Pedestrian Mobility Comparison:
Existing Sidewalks vs. DOT Pedestrian Mobility Plan

Legend
- Maspeth IBZ
- Sidewalks
- DOT Pedestrian Mobility Plan
- Pedestrian Disconnection

Quantities
- 84 Streets
- 210 Stretches
- 31 Disconnections
Green Infrastructure Network Density
How Do We Fix The Disconnection?
Proposed Suitability For New Green Infrastructure

Legend
- Proposed Rain Gardens
- Proposed Trees
- Proposed New Parks
- Proposed Bike Trail