

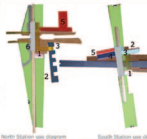
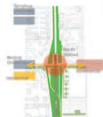
THE GREEN STREET

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The Green Street Plan—so called because it recognizes the street as a legitimate activity place while also providing alternative green spaces—extracts from the light rail a new vocabulary for open space. It invents a new development pattern which prioritizes public transportation, mixed income housing, vernacular architecture and land uses, and residual spaces, while improving north-south circulation and east-west connections. Finally, the scheme celebrates the light rail as a landmark to become synonymous with great public space.

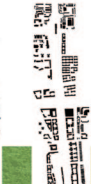
A series of unique assets of the Woudaouku site influenced the development of the Green Street Plan: 1) The area currently houses a diversity of income groups which allows a lively variety of services and architectural types; 2) High levels of student traffic from the surrounding universities ensures a reliable customer base for local businesses; 3) street life is vibrant throughout the site; 4) the light rail corridor has preserved a swath of potentially usable open space and is both an architectural landmark and a valuable access point between the site and the rest of the city; 5) the light rail stations already act as activity hubs.

The Green Street Plan capitalizes on these assets by addressing some of the site's most pressing problems: 1) almost all of the open spaces in the area is private—consequently most local residents use spaces that are not programmed or designed to accommodate their activities comfortably and safely; 2) the existing rail tracks and elevated lines create no east-west crossing between stations—because the space is so inaccessible, it has become a back yard to developments on both sides of the corridor; and finally, 3) current development trends are poised to convert existing low-income housing on the site into large scale commercial developments and high income housing, displacing current businesses and residents.



Design Guidelines

- Public Spaces:** Create a series of public spaces that are accessible to all and provide a variety of activities and uses.
- Landmarks:** Create a series of landmarks that are visible from the street and provide a sense of place and identity.
- Architectural:** Encourage a variety of architectural styles and materials that reflect the local context and provide a sense of place and identity.
- Materiality:** Encourage the use of materials that are locally sourced and provide a sense of place and identity.
- High Tech Corridor:** Encourage the use of high-tech materials and technologies that provide a sense of place and identity.
- Visual:** Create a series of visual landmarks that are visible from the street and provide a sense of place and identity.



Open Space Plan
The light rail corridor is a unique opportunity for the site to create a series of public spaces that are accessible to all and provide a variety of activities and uses. The public open spaces are designed to be a series of landmarks that are visible from the street and provide a sense of place and identity.

Conclusion
The Green Street Plan capitalizes on the unique assets of the Woudaouku site and addresses some of the site's most pressing problems. The plan creates a series of public spaces that are accessible to all and provide a variety of activities and uses. The plan also encourages a variety of architectural styles and materials that reflect the local context and provide a sense of place and identity.

Site Plan
The site plan shows the layout of the Woudaouku site, including the light rail corridor and various building footprints. The plan also shows the location of the public open spaces and the landmarks that are visible from the street.

Transit Stop Program Key:
1. Public Amenities
2. Sports Facilities
3. Administrative Facilities
4. Congregation Facilities
5. Parking

Master Plan Key:

- A. Woudaouku Station
- B. Greywater Toilet
- C. Affordable Housing
- D. Elevated Tracks + Railroad
- E. Hotel + Business Center
- F. Student Housing
- G. Boardwalk + Pedestrian Street
- H. Affordable Housing
- I. Mixed-Use Commercial with Market Docks and Boat Docks
- J. Mixed-Use Galleries/Commercial + Housing
- K. Deep Lake
- L. Seasonal Lake
- M. Outdoor Gaming Space/Performance Space
- N. Existing Sports Complex opened for public use
- O. Zhuhui Lu Station

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The lakefront area is designed as a year-round activity hub with uses that change seasonally. The west side is mixed use with lake-front gallery space, small-scale retail and restaurants, with market rate residential on the upper floors. The waterfront is designed as a public promenade with smaller, more intimate spaces in the courtyards.

The west side is anchored by the pavilion, intended for performance, events, and dancing. A bridge from the pavilion provides a continuous bicycle and pedestrian connection from the west side to the east side of the corridor. The path also provides one point of access to the lookout tower

structure which provides flexible space for weekly markets, evening snack markets, picnic space and other daily activities. The structure includes a few permanent structures for tea houses and restaurants, and grows more formally programmed as it approaches Zhu Chun Lu Station. The east side is dominated by an affordable housing development that fronts onto a garden with playground areas. The garden has connections both on and over the tracks connection to the Framework area and ground level connections to the padding pools designed for children's activities.

Detail Plan Key:

- A. Pavilion
- B. Flexible Framework Structure
- C. Water Tower
- D. East-West Bridge Connection
- E. Gallery Strip
- F. Tea House
- G. Over-Road Bridge
- H. Public Courtyard
- I. Children's Plaything Plaza
- J. Play Grounds
- K. Stone Lake
- L. Seasonal Lake



Item	Existing Tower	Derived Proposed Typology
1. Gross land area	54350 sq.m.	48000 sq.m.
2. Building base area	6100 sq.m.	22300 sq.m.
3. Green Space	30%	25%
4. Total built area	122000 sq.m.	89100 sq.m.
5. Built to plot area ratio	11.7%	46.88%
6. FAR	2.2	1.4 - 2.3
7. No. of units/ floor	108	118
8. Total no. of units	2000	1425
9. Maximum height	20 Floors	3-5 Floors



HIGH RISE RESIDENTIAL



COURTYARD RESIDENTIAL



VERTICAL COURTYARD



OVERLAPPING COURTYARD



ENCLOSING COMMERCIAL

