

















Tokyo local residence relay on the railway infrastructure in order to travel within the city, the over loaded infrastructure





## Future City Illustration - New Urban Form

Creating an Utopian city has always been the utmost dream of every planners, urbanists and architects. The most influential "City of the Future" by Haney Wiley Cothet in 1913 has inspired many people on what should a city be with skyscrapers, sky bridges, pedestrian streets and transportation infrastructures that are connected together in many layers. This image also inspired one of the greatest architects and utbanists of all time – Le Corbusier.







# Continuous Monument - Super Studio

In the late 1966s, a team called Super Studie envisioned what would happen in the future city development. The team designed a series of concept drawing called Continuous Monument. The drawing was an image of the near feature showing that all cities formation will be controlled and connected by a continuous grid seen as a monumental mega structure. This monument is enormously out through the earth surface and connect cities to cities.









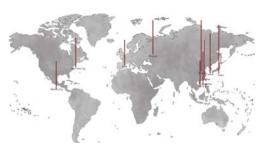
#### Hybridization Between Architecture and Infrastructure

Above case studies showing the possibilities of hybridization between architecture and infrastructure. Such proposal used to be experimental, but nowaday, it happen in different cities in the world. The utmost idea is to finding a pedestrian owned space in the city for public use.



# Tokyo Railway Infrastructure

Looking at any major cities in Tokyo, a continuous transportation infrastructure appears that is cutting through the city surface, delivering people to their destination. It looks similar to the sketches illustrated by Super Studio. However, lets not forget the damage that the Japanese people had during the 3-11 earthquakes in 2011. All the railway system shut down, the city immediately shut down.



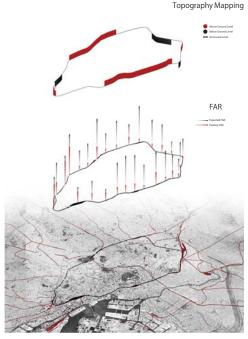
# Annual Subway Ridership

2. Tokyo 3. Seoul	3.217 billion				
3 Seoul		6. Guangzhou	2.280 billion	10. Paris	1.527 billion
	2.560 billion	7. New York City	1.751 billion		
4. Shanghai	2.500 billion	8. Mexico City	1.685 billion		
# 1	2204				
1000 1000	Akhaban 141				
	Takadar	12th obaba 10th			
40	94	agawa 9th Tokyo 8th			
471					
186				Rebukuro Srd	Shibusi 2nd .

Top 50 Most Busiest Stations in the World

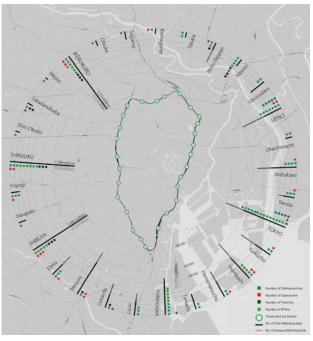
Shinagawa Station

2 Shibuya Station 3 Ikebukuro Station 10 Takadanobaba Station 12 Shimbashi Station



JR Yamanote Line Condition

Understanding the JR Yamanote line condition can allow finding the opportunity that allow for the physical condition of the railway.



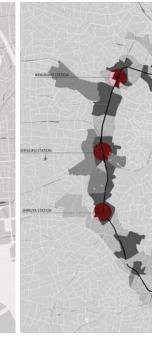
JR Yamanote Line Stations Statics

.R Yamanote line is the railway loop line in Tolyo, Japan, is operated by East Japan Railway Company, it is the world busiest railway line and also one of the most important lines in Tolyo, is total length is 436 kilometers. Since the JR Yamanote line is at the heart of Tolyo, it is estimated around that 3.68 million passengers ride every day on its 29 stations per day on 12 lines serving 275 stations.



Programs along JR Yamanote Line

Tokyo's city centers are generate from the station itself, which become a major node in the urban context. The important idea is to understand how the railway could connect with these nodes together. Although the existing railway is physically connected, open spaces could also connect by a SPO-QEA, a gedestrains a pathway, generating a series of recreational programmes. Therefore, to analysis the existing programs along the R Yamanote line could provide the chance of finding the opportunity to developing the new urban form



Programs around City Centre

The allway services delivering victors to their designated city centers, thus the city centers become the most economical valuable district To analysis the local context, programs reapping within librar adias distance from the stational provides hence on rather what types of building programs are the majority in the area, then it can provides the suitable programs to be build no this location and connect with the Sky Deck.



Hamamatsucho - Shimbashi Station



Linear City - Skydeck

The Linear City proposal is focusing on the open space generated from the JR Yamanote line above. The use of existing space is mainly for railway transportation. Through reading the existing Tokyo context, city center is generate from the station itself, which become a major node in the urban context. The question is how to connecting these nodes together. Although the existing railway is physically connected, open spaces could also connect by a Sky-Deck, a pedestrians pathway, generating a series of recreational programmers. Such proposal shall creates a multi listorical. This network could provide a better public space only for pedestrians, so that the residents can experience the city in a difference perspective.





### Shumbashi Station - Skydeck Circulation

Image above showing how the relationship between the skydeck to the station front plaza. It is important to have an easy access for visitor to be able to travel to the sky deck. Being the major open space in front of the station plaza, it provide a good circulation access to connect to both layers.



#### Shimbashi Station Front Plaza

Shimbashi station front plass it one of the most famous and popular plaza within Tody obstrict, often time the plaza have held many types of evert. Therefore it is important to reste an attactive and eyes catching building structure to provide a nice scenery. Moreover, being one of the open space within the Shimbashi city center, the proposal try to maintain a lower building height.



A. Shimbashi Station



D. Bicycle User Access Point Commercial





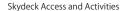
C. Bicycle User Access Point







D. Hamamatsucho Station Sports Facilities



Activities

Exploded Diagram - Building Composition

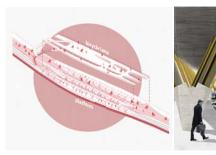
A. Building Roof C. Workshop Space and Theatre
B. Support Column D. Library E. Sky Deck G. Station Support Columns L. Pedestrian Designated
F. Bicycle Fast Lane and Pedestrian Walkway H. Existing Railway Track and Retail Space J. Ground Connection I. Pedestrian Designated Utilities on Sky Deck

Station itself becomes the city center that attract people to access and accumulate activities. Therefore the station building should have a good and easy access for visitors to access to a Sky-Deck. However, the cyclists should access in a far distance away from the stations, due to preventing circulation conflict between pedestrains and cyclists. From this thesis design, an example of material policy proposal is illustrating from Shinashis station to Paramatusucho station of how the station center and Sky-Deck work together. As depicted from 10.3A, there are four access points A, B, C and D to a Sky-Deck. A and D are the access point from the station that the station station is stall remain less that in the station station are the stations, but it is still remain less than find state from A and D.



# Linear City - Shimbashi Skydeck

This thesis intends to seek the opportunities for the future development of Tokyo city. As one of the most expansive living cities in the world, finding a balanced solution between economical aspect and quality of living is the most challenging question for city development. Tokyo is one of the most developed city, making big changes in the city planning is difficult. The thesis research shows the background of city development in order to analysis of Tokyo city conditions. Find the potential of the analway redevelopment, so that most careas within Tokyo could be linked ropether allowing for better quality of life and economical prosperity.



# Station Platform - Bicycle Lane

The Building structure mainly separately in four major parts due to its functional use. These four parts of building element are visually identical, however it is still working under the same building structure. These four elements are well connected even though they are separated, in order too create a well issual connection for railway platform and bicycle lane, the bicycle lane extended in between the spaces of railway platform and Sky-Deck empower the linkage from the ground level layer to the upper level.



Left Wing - Library and Bicycle Parking Above the Station Structure, there is a circulation separating two building structures, the left wing and the right wing. The left wing consists three parts of small scaled structural building elevated from the Sky-Deck. It can open up the ground level space, creating more public space for the visitors. It also allow the separation privacy between the library space and the open space. Also, there is a bicycle parking providing to visitors for their access.



This project is taking advantage in an very expressive way of the situation by adding a new layer of activities on the ring of the Yamanote line. Therefore, this section showing how each of these layers connecting with each others. Although these layers physically speatated, however, they are spatially connected.



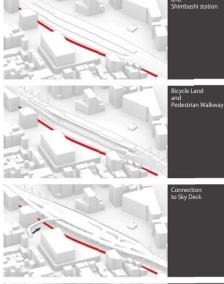
# Skydeck

The Sky-Deck is a extensive public space above the JR Yamanote line railway. It allows for a unique experience for visitor experiencing Tokyo city center differently. It break through the enormous size of the infrastructure to a human activities scale. Where this is the pedestrian owned space and allow the city to create a second layer above the ground.



# Right Wing - Theatre and Workshop Space

The right wing building structure is a dynamic form with fluid space. It is a big contrast to the left wing building structure but under the similar nod structure system. The functional programmes providing to the office workers for their time after work. The theater space allow for performance and conference. Meanwhile there are varieties of workshop spaces such as dance hall, multipurpose hall, computer learning center providing to the public.





himbashi station



