



THE  
**GREEN**  
**NETWORK**  
DEVELOPMENT  
FOR THE DISTRICT OF  
PAKKRED  
**WELFARE HOUSE**  
NONTABURI, THAILAND



Country / City Nonthaburi, Thailand  
University / School King Mongkut's Institute of Technology Ladkrabang (KMITL)  
Academic year 2019/2020  
Title of the project Play Connector Network: The Green Network Development for The District of Pakkred Welfare Houses  
Authors Jidapa Suvanvihok



## TECHNICAL DOSSIER

Title of the project	Play Connector Network: The Green Network Development for The District of Pakkred Welfare Houses
Authors	Jidapa Suvanvihok
Title of the course	BLA/LandscapeArchitectureThesis.....
Academic year	2019/2020
Teaching Staff	Wanida Numasuk
Department/Section/Program of Belonging	Landscape Architecture/BLA.....
University/School	King Mongkut's Institute of Technology Ladkrabang (KMILT)



### Written statement, short description of the project in English, no more than 250 words

Disability, inequality, poverty, and vulnerability are the issues that most Thais always keep out of sight. The vulnerable populations in Thailand often have inadequate social supports, and poor welfare services that make the inequality gaps in the society even wider.

Using the landscape architecture to mitigate the issues, this proposal suggests a community green network as social infrastructure for a neighborhood in Bangkok's suburb, where most government-owned welfare homes and rehabilitation centers in Thailand are located. The site covers the area of 54 acres, which scattered around by many abandoned lands in run-down conditions, and fenced welfare homes with inadequate environments, while lacks usable public spaces. The residents in these foster homes are isolated and often lose their connections to the outside world. The masterplan proposes public spaces as nodes of social interaction in 4 different themes based on the surrounding neighborhood, the existing welfare homes, and their users, while develop the existing road and canal networks into the green corridors to connect each node together, in order to create the diversified public realm and promote social interaction in the society. As a playground, a community park, and a treatment garden connected with a green network that covers the entire area, this project not only aims to improve the quality of life and provide more green space for the community, but also intend create interaction and relationship between people from the welfare houses and the community people to help bridging inequality gaps in the society, making the society more inclusive.

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# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE



# DISTRICT OF WELFARE HOUSE

Many children had been helped, taken care and raised here.



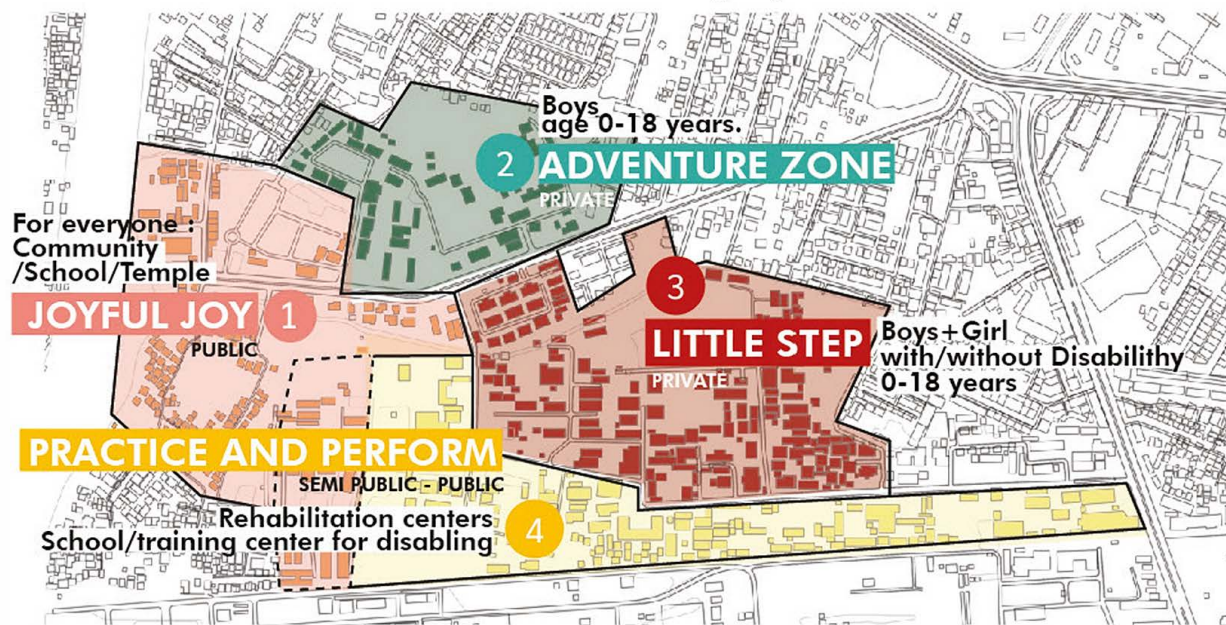
KOH KRED

According to the existing site condition, there are many unused green space scattered around among the welfare house district, which have many potentials to be developed into a playground, a community park, and a treatment garden to improve the life quality of people.



'Pakkred' is a district that well known as a Rehabilitation/Welfare center in Thailand.

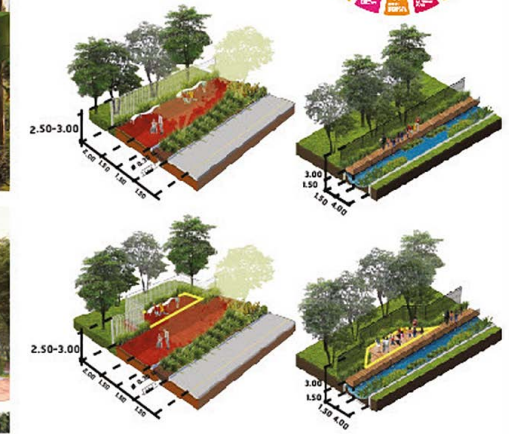
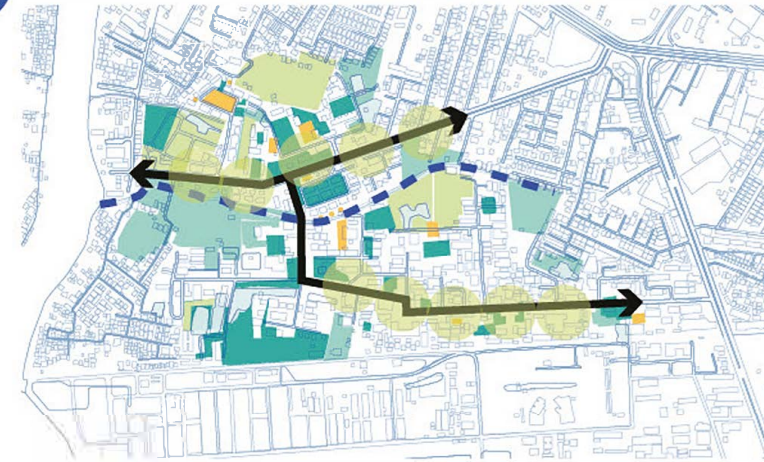
## ZONING BY CHARACTER : By grouping the user with similarity in the same group.



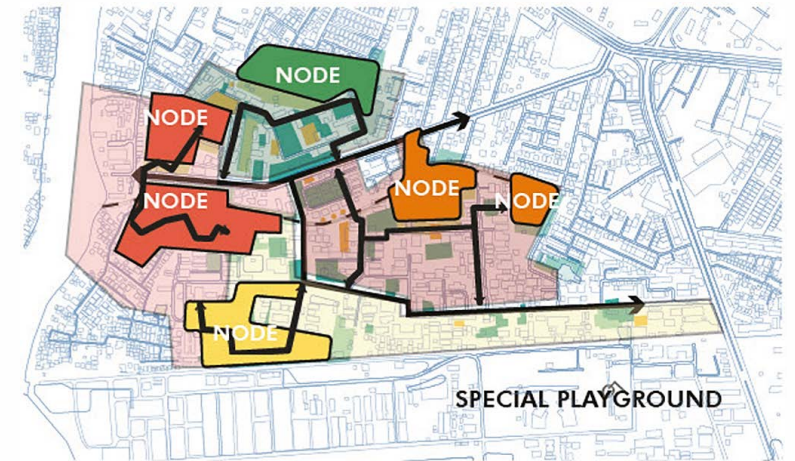
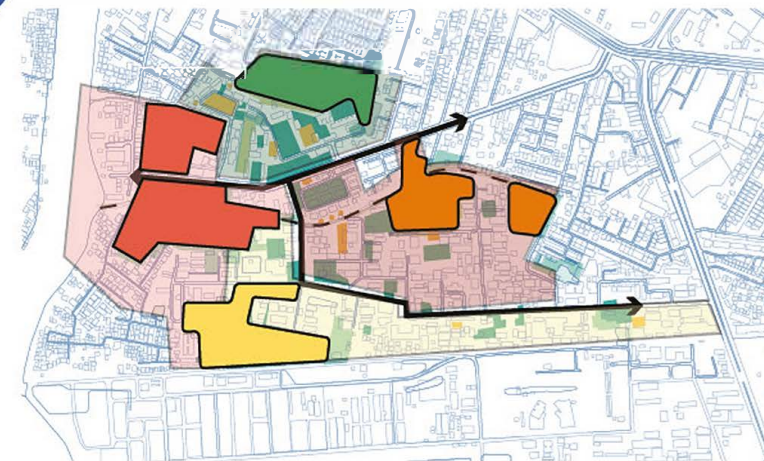
**VISION** Not only improve the quality of life and provide more green space for the community, but the project also intend create interaction and relationship between people from the welfare houses and people in the community.

## DESIGN STRATEGY

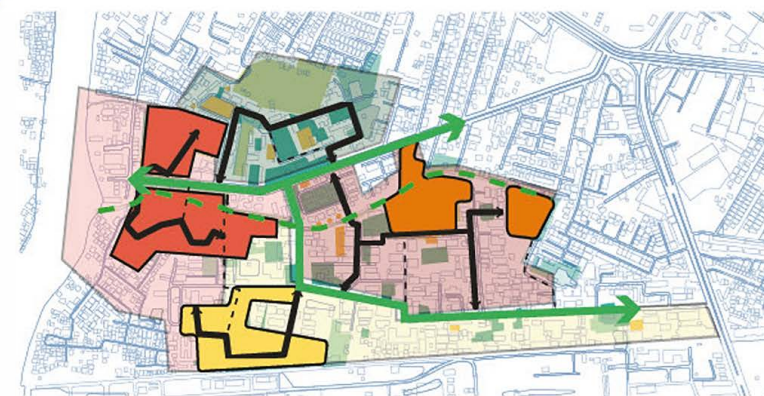
### 1 GREEN INFRASTRUCTURE



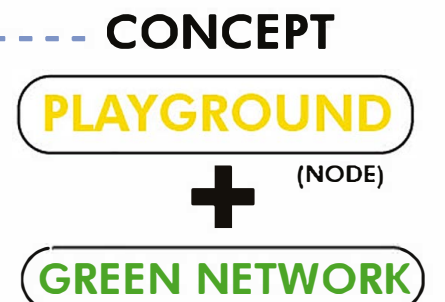
### 2 CREATE NODE AND ROUTE



### 3 CONNECT ALL



The programming study starts from grouping the users from existing welfare houses and their surroundings. Then, the design develops a node in each group based on the characters of the users and connected those areas through the existing infrastructure creating a green network that each area is specifically designed according different groups of users.





Group 1: The community public spaces, including existing temples and schools, are designed for the locals based on their daily routines; such as; a waiting area for parents to pick up from the school and Dharma Practice Center (the temple already has a project to operate).

### DETAIL PLAN 1

### JOYFUL JOY 1

Pakkred Boys' Workhouse, Phumvet House (Help Center) (boys 0-15 years)

### ADVENTURE ZONE 2

### DETAIL PLAN 2

Group 2: The Adventure Spaces designed for a group of boys from the foster homes nearby, aged from toddler to late teens, to use more physical power than other groups. It also provide a space for passive activities.

Group 3: Sensory gardens and therapeutic gardens are designed for a group of young and special children with disabilities in 9 categories.

### DETAIL PLAN 3

### LITTLE STEP 3

### PRACTICE AND PERFORM 4

4

Phayathai Babies Home (children 0-6 years)

Group 4: Disable Club/Public Space consist of rehabilitation centers, a school and training center for the disable. It is specifically designed for the disables and directly connected to Group 1's area, becoming a large public space for everyone.

### DETAIL PLAN 4

All 4 groups' areas will be linked with green network, whether the main road, the secondary road in the sanctuary, along the canal line and also include the water network connection.

# MASTER PLAN

0.00 50.00 100.00 200.00

1:1000

