# HERITAGE

A FT

# qualities and value of 70s/80s residential neighborhood

is to

# in creating a better living environment

KARRY LI Tutored by Nicholas J Clarke, Ger Warries, Lidwine Spoormans

# **BIJLMERPLEIN**

### Mixed use area

### LIVING =/= DWELLING

# LIVING WITH COMMONS

### Potential of public spaces

### Activate a fair healthy living environment

## **HISTORY TIME**



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### PUBLIC HERO creating his 'EGALITARIAN UTOPIA'



### URBAN MAN neglected PUBLIC SPACE



### **TEAR DOWN or REDEVELOP**



### **CURRENT TIME**



# LONELY DECK

#### **ELEVATED DESOLATION**





# PLINTH CAN'T Breathe

#### **GIGANTIC ENCLOSED CHUNK**



# HIGHWAY Borderland

**UNSAFE FEELING** 



íí

# NOT REALLY MIXED-USE

LACK OF NEW ENERGY





# ARCADE TO A TREP??

#### UNDESIRED DESTINATION





# STUCK WITH Covid

NO STORE NO MAN



1/1

### 20 FEB 2021



#### 14:04 @ cluster 7

#### 15:46 @ Amsterdam centre



# IT IS NOT FAIR

7km

### **Amsterdam Centre**

Lovely public spaces :)

Dutch art :)

Long history heritage :)

### Bijlmerplein

Poor public spaces :(

Caribbean Dutch art?

Young heritage?



# TO ACTIVATE A FAIR HEALTHY...

	CHALLENGES	RESPONSE		
1	Poorly designed public spaces	Redesign for the people's need		

# TO ACTIVATE A FAIR HEALTHY...

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2	Covid-19 pandemic	Green open public space



# TO ACTIVATE A FAIR HEALTHY...

	CHALLENGES	RESPONSE
1	Poorly designed public spaces	Redesign for the people's need
2	Covid-19 pandemic	Green open public space
3	Climate crisis	Environmental sustainable solutions



### **BASIC SCHEME**













## RESEARCH

Main entrance in arch with dealer beight facility for Lance plicate anti-are of ended agontotent desping arrank in the invincionie, built in segmentionie, built in

#### BIJLMERPLEIN



#### \$703144 Lapens of methaume light-occured becomental $\odot$ Application, minimized play timesta stimulate constituing with slower May manage antisolated from limitization as a much transaction from the bothering to the separate Basing of presentation relevanded more samily to bishow lowed in respecting work-20 in politic space with articular adapts -20a 1 1000 æ Debugs and advanced for basis on periods are a starting paint that relations and uniform ++-......... CALCULUS . Commonly and nations of second provides confer-to the provides on a conference for effective 101 101 PROPERTY Highers in the etcost shares single denotes right-in to materia ABSTRACTION of Symbol to Tectonic to Social

2. TYPOLOGY ABSTRACTION



#### **3. URBAN CONTEXT**

#### **1. VALUE/ATTRIBUTE**







### challenges

potentials





- Socio-economic challenges	+ Core character		
Road-plinth-deck porosity and accessibility	Poor quality public	Lack of diversity of mixed use	Multi-cultural identity

- Socio-economic challenges				+ Core character	
Road-plinth-deck porosity and accessibility			Poor quality public	Lack of diversity of mixed use	Multi-cultural identity
Redesign hardware upgrade			Integrate new energy		
Reconnect elevated road to ground level	Enhance <b>porosity</b> of shopping <b>plinth</b>	Strengthen accessibility to the <b>deck</b>	Create more healthy low risk <b>Public</b> <b>SPace</b> and connect to the existing	Set up a <b>Cultu</b> <b>Venue</b> to pro culture	
Nearby neighborhoods	Bijlmerplein users	Bijlmerplein and <b>cluster users</b>	Nearby neighborhoods, Bijlmerplein and cluster users, <b>owners</b>	Emerging <b>Bijlmer local</b> Bijlmerplein and cluster	



ABSTRACTION of Symbol to tectonic to social





### I HERITAGE ELEMENTS

#### **CLUSTER 7**





### ii Spatial Elements

SITE





### III Social Elements

**COVID RELATED** 

**URBAN in CIVID19** 



31















### iv Cluster<u>7</u>














### UNTOUCH: DWELLING DANCE SCHOOL



## **EXISTING**

UNTOUCH: DWELLING DANCE SCHOOL

PRESERVE: ARCH ENTRANCE ARCADE DOME

**DEMOLISH:** Partial roof and deck



### ELEVATED ROAD TO G/F POROSITY OF PLINTH ACCESSIBILITY TO DECK







### **EPS CULTURAL VENUE** (exhibition/production/socialization)

### **SOLAR ENERGY MACHINES**



# **URBAN STRATEGIES**



PLINTH POROSITY



### ROAD-PLINTH-DECK ACCESSIBILITY





## PLINTH-DECK MORPHOLOGY





## **REDESIGN HARDWARE** PGRADE

## PLINTH-DECK **MORPHOLOGY**





#### **ROUND PLAY ELEMENT**

Aesthetic, minimalist play elements stimulate creativity with clear geometrical shape

#### PLAYGROUND OF NIEUMARKT, AMSTERDAM (1968) Physical recreation to be an important part of children's development, for free activity without being closed off from





### **CULTURE VENUE MORPHOLOGY** SATURDAY MARKET!!! **EPS VENUE 1** įι. 1 B-B' NEIGHBORHOOD **EPS VENUE 2** łł. .1... 1





### **CULTURE VENUE** MORPHOLOGY SATURDAY MARKET!!! **EPS VENUE 1** -Т 11 1 B-B' NEIGHBORHOOD **EPS VENUE 2** 11



#### CASCADING CANOPY

Big canopy extended from Sandcastle as a soft transition from the building to the square



#### PEDESTRAIN STREET, COPENHAGEN (COVID-19)

Number of pedestrain rebounded more easily to higher level in reopening covid-19 in public space with activated edges -*Ghel* 





## CULTURE VENUE (HERITAGE) AXIS







## CULTURE VENUE (HERITAGE) AXIS







Main entrance in arch with double height leading to inner plinth





Arch entrance of oldest existing covered shopping arcade in the Netherlands, built in expressionist style -Neo-Renaissance





CULTURE VENUE GREEN







CULTURE VENUE



# ENVIRONMENTAL POSITION

How **passive solutions** create a comfortable **micro climate** in the **public realm** for better health in the post covid future?



# **DESIGN PROPOSAL**





















### DECK FLOOR (NORTH PART) | LV FOUNDATION/ 12200+/ 16200+/ 20200+

















# **BOX IN BOX**



OUT





# EPS VENUE CONSTRUCTION

67

# URBAN OVERVIEW





# STRUCTURE CIRCULATION





# CLIMATE VENTILATION





# CONCLUSION

How an adaptive reuse of an under-designed shopping mall from the 1980s can stimulate a fair healthy living environment within a broader neighborhood for the post-covid future?














































