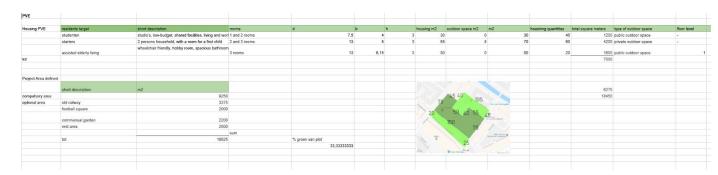
Program of requirements : Computational Architecture Design

Group Arthouse A1

PVE housing



PVE communal

mmunal PVE	Per Functie	short description	d	b	h	m2	quantity	total square meters	location (NWZO)
	Housing					-	120	7000	
	Housing bvo								
	Parking	(minimum 0.5 parking lots per apar	tment= 60) + 40 visitors, 22,5m2 per	parkeerplek(neufert data)	3.5	22.5	100	2250	zo
	communual garden			40	50 -			2200	NO
	Vegetation	25% of the plot	1-1					2310	
	Workshops			10	5	3	50 2	100	
	Fablabs			5	5	3	25 2	50	
	start up offices			5	10	3	50 6	300	
	Co-work	Artistic ambiance		50	50	6 2	500 1	2500	
	Library			20	10	3	200 1	200	
	Cinema			25	17	9	425 1	425	
	Pub			10	10	3	100 1	100	
	Arcade			10	5	3	50 1	50	
	Co-Cook			10	10	6	100 1	100	
	Restaurant			30	20	6	800 6	3600	
	Community hub			20	20	3	400 1	400	
	Shop			10	20	3	200 2	400	
	Gym			20	20	6	400 1	400	
	tot							22385	

Design Goals

Main aim: Artistic ambiance.

Currently there are some startups already in the housing block. The artistic class will figure as a great push for the local economy.

Design Goals (quantitative & qualitative):

o Artistic ambiance (Qual)(Quan)

Artistic and workspace are in higher priority of space use. To emphasize this, this spaces are bigger.

o Maximum Modularity (Qual) / Sustainability (Quant)

Flexibility in space use is important. Therefore a flexible construction grid is needed.

- o Keeping the same amount of housing (and optional area) as before (Quant)
 - 120 dwellings

o Not blocking direct light for neighbour buildings (Quant)

- maximum height is 40m
- o Max Greenery (Quant)
 - 25% of the building plot is greenery

o Min Noise (Quant) The most noise producing facilities will be located underneath the old railway road.

- Cinema
- Gym
- Workshop

o Social Integration with neighbourhood (Qual)

- Mirroring of functions with surrounding streets.
- Access of commercial areas (like arcade, fab lab, restaurant, cinema, community, grocery shop and gym) for visitors
- old railway road transformed as a rotterdam version of the highline

o Social Integration within residents block (Qual)

The student residents are taking care of the elderly. Hereby social integration on block level will be achieved.

- Core of the project is an open multifunctional communal (creative) space
- Multifunctional
- communal garden is joined to the elderly dwellings

o Rational Spectra of Privacy and Community (Qual)

The type of residents will approximately be related to community and private spaces.

- The private domains of the elderly will approximately been facing inwards.
- Additionally the housing of the residents are at building level 1 or higher
- The elderly are living at building level 1

Finality	Housing Housing byo Parking communual garden Vegstation Workshops Fabbass start up officess Co-work Library Cinema Pub Arcade Co-work Restaurant Community hub Shop Gym tot studenten studenten tot community hub Shop Gym od railway red studenten studenten studenten tot residente largent spariers studenten tot tot residente largent spariers studenten od railway red studenten ederry living m.2 person studenten tot residente largent studenten tot residente largent studenten studente		1			
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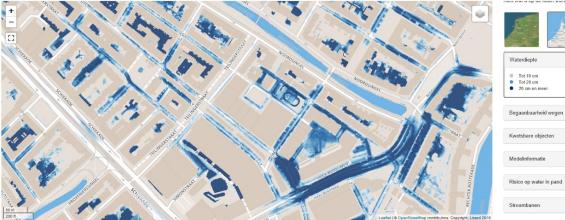






Waterdiepte

Korte, hevige Lees meer



Sluiten