R³
REHABILITATE*REINTEGRATE*RESHAPE
CONTENTS

WEST SIDE STRATEGY
PROBLEM STATEMENT
APPROACH

MASTERPLAN
CHosen NODE
MANIFESTO
PROPOSAL

THE BUILDING
RESEARCH
STATEMENT
CONCEPT
DESIGN
CLIMATE CONCEPT
STRUCTURAL CONCEPT
EXPERIENCE
WEST SIDE STRATEGY

“THE RHIZOME”
PROBLEM STATEMENT
CREATING A NEIGHBORHOOD IDENTITY
HOW TO APPROACH THE LINE
APPROACH
NODE’S SELECTION
SPREADING INFLUENCE
PROGRAMMING THE NODES
PROGRAMMING THE VACANCIES
CONTRASTING THE HOME HUB

CONTRASTING THE Safe HUB

RECONFIGURING THE RECYCLE HUB

CONTRASTING THE ENTERTAINMENT HUB

EMPHASIZING THE CBD HUB

EMPHASIZING THE INDUSTRIAL HUB

EMPHASIZING THE TRANSIT HUB

PROGRAMMING THE NODES
MASTERPLAN

"THE SAFE HUB"
CHosen Node
## SOCIAL DATA

<table>
<thead>
<tr>
<th>AREA</th>
<th>YEARLY CRIME PER PERSON</th>
<th>HOUSEHOLD SALARY ($)</th>
<th>HOUSING PRICE ($)</th>
<th>UNEMPLOYMENT RATE (%)</th>
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UNEMPLOYMENT RATE

0-3% UNEMPLOYMENT RATE  > 27%
MANIFESTO

“AN ARCHITECTURAL PLANNING TO TRIGGER SAFETY FROM CRIME IN PERIPHERAL AREAS”
5 POINTS
01. MIXTURE OF FUNCTIONS
02. PUBLIC ACTIVATORS
03. Social Mixture
04. Physical Definition of Spaces
05. HIERARCHICAL ROAD SCHEME
PROPOSAL
CONDITION OF THINGS
CURRENT PROGRAM DISTRIBUTION

- Industries
- Commercial
- Offices
- Residential
- Hotels
- Entertainment
- Public Buildings
- Open Spaces
- Parking Lots
SEEDS AND CATALYSTS

MANIFESTO PT. 2
CLUSTERS OF FUNCTIONS
A COMBINATION OF PROGRAMS
STREETS’ HIERARCHY
CURRENT BLOCKS’ CIRCULATION

NEW HIERARCHICAL CIRCULATION’S SCHEME
MERGING WITH THE CONTEXT
THE BUILDING

\[ R^3 \]
R³
REHABILITATE*REINTEGRATE*RESHAPE
DRUG RELATED CRIMES
60% of the crimes are drug related!
Tackle the problem from its roots?
Drug Rehab Guide
RESEARCH
EXISTING DRUG REHABILITATION BUILDINGS
INVITING SPACES
COMFORT
INSPIRATION AND CONTACT WITH NATURE
TIPOLGY?
VISIT TO COMUNITÀ SAN PIETRO
MAIN POINTS
TAILORED PROGRAMS
WORKSHOPS (GROUP WORKS):
- TEXTILE
- CARPENTRY
- ASSEMBLY LINE
- GREENHOUSE

= ERGOTHERAPEUTIC COMMUNITY
SPACES FOR PRIVATE COUNSELLING
SINGLE/DOUBLE THERAPY
STATEMENT
Drug rehabilitation centers are usually located in rural areas, away from urban distractions.
“HOW TO CREATE A URBAN DRUG REHABILITATION CENTER TYPOLOGY THAT DEALING WITH THE PROBLEM BECOMES ALSO A REFERENCE POINT IN CLOSER CONTACT WITH THE CONTEXT THAT GENERATES THE PROBLEM?”
CONCEPT
DEALING WITH ALL THE PROCESS OF REINTEGRATION IN SOCIETY AND PREVENTION
PROGRAMS
DESIGN
DIFFERENTIATION
00. THE VAULTED MARKET
"pixel" grid

trees' grid
01. THE FACTORY OF URBAN CULTURE
EXISTING URBAN CULTURE
MATERIALITY
02. SOBER LIVING HOUSING
MATERIALITY
03. REHAB
WORKING FRAME + PSYCHOLOGICAL WORK
THE EXTERIOR RING IS A SEPARATION FROM THE OUTSIDE WORLD
ALLOWING SELF CONCENTRATION AND MEDITATION
INTERIOR FREE FORMS
NO RIGID DISTRIBUTION

YOU CHOOSE YOUR OWN PATH
LIKE IN THE TAILORED REHABILITATION PROCESS
MATERIALITY
04. INTROVERTED GARDEN
DISTRIBUTION FRAME + PATIENTS' ROOMS
MATERIALITY
CORRIDORS AS PATHS TO EXPERIENCE THE BUILDING
FACTORY OF URBAN CULTURE
THE INTROVERTED GARDEN
SECTION
CONNECTING THE LAYERS
rehabilitation center
sober living housing
community center
cta station
market/public space
ELEVATIONS
OPENINGS
4° introverted garden

3° rehab (workshops/offices)

3° rehab (greenhouse)

2° sober living housing (interior common spaces)

2° sober living housing (exterior common spaces)

1° factory of urban culture
CLIMATE CONCEPT
summer
winter
STRUCTURAL CONCEPT
CURVED BEAMS
I beams
Perimetric trusses
Grid columns
CONCRETE SLAB
GRID COLUMNS
NO-GRID COLUMNS
THE MUNICIPAL DEVICE
the factory of urban culture

REHAB

SOBER LIVING HOUSING

THE FACTORY OF URBAN CULTURE
EXPERIENCE
hey, from this point all the separate walls create a perspective tunnel!

NIce! next time I'll be here I'll chill a bit there! but my meeting is waiting.

hey, it's here where that band played live few days ago!

is that a pool over there? what a nice light comes through it!
great view! i can even see downtown from up here!

HI jason! are you done with your tricks today? shall we go to the loop?

yep! the "l" is down here, under the vault!

the 5:15 is already here!
Hey, from this point all the separate walls create a perspective tunnel!

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the 5:15 is already here!
- THE VAULTED FACADE -
- THE WAVING ARENA -
- REHAB -
THE INTROVERTED GARDEN