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LOCATION

MAASRICHT - CENTRE
LOCATION
MAASTRICHT - CENTRE

Source image: http://www.bing.com/maps/
LOCATION
Maison de la Misericorde

Source image: http://www.bing.com/maps/
PART I | RESEARCH
RESEARCH QUESTION

HOW CAN THE MISERICORDE COMPLEX BE ADAPTED FOR RE-USE WITHOUT LOSING ITS ESSENTIAL ARCHITECTURAL QUALITIES?
HISTORY

SISTERS OF MERCY

Source image: Regionaal Historisch Centrum Limburg

Source image: Regionaal Historisch Centrum Limburg
HISTORY
DEVELOPMENT OF THE CONVENT

1830
1896
1898
1908

- Orange: Not yet part of the convent
- Red: Part of the convent
- Yellow: No longer part of the convent
- Gray: Surrounding buildings
- Medium gray: Building plot of the convent
HISTORY
CLOISTERS

1924
HISTORY
DEVELOPMENT OF THE CONVENT
SURROUNDINGS
SECONDARY ROUTES
ESSENTIAL QUALITIES

ENSEMBLE
ESSENTIAL QUALITIES
BUILDING PARTS
ESSENTIAL QUALITIES
BUILDING PARTS
CULTURAL VALUE

MASS

OUTDOOR SPACE

CHARACTER

Source image: http://www.bing.com/maps/

Legend:
- Blue: High value
- Green: Positive value
- Yellow: Indifferent value
- Red: Disturbing to valuables
PART 2 | DESIGN
DESIGN QUESTION

HOW CAN THE MISERICORDE COMPLEX BE ADAPTED FOR RE-USE WITHOUT LOSING ITS ESSENTIAL ARCHITECTURAL QUALITIES?
STARTING POINTS

URBAN
CONNECT BUILDING ENSEMBLE TO THE URBAN STRUCTURE OF MAASRICHT
RESPOND TO SOCIAL CONTEXT

ENSEMBLE
EMPHASIZE THE RELATIONSHIP BETWEEN BUILDING PARTS
FOCUS ON RELATION INDOOR AND OUTDOOR SPACES
SHOW TIME LAYERS
IMPROVE ORGANISATIONAL STRUCTURE

BUILDINGS
PRESERVE CHARACTERISTICS OF INDIVIDUAL BUILDING PARTS
NEW PROGRAM
CULTUURPROFIELSCHOOL
NEW PROGRAM
REQUIREMENTS

CLASSROOMS x 30-35
AUDITORIUM
CANTEEN
LIBRARY
OFFICES

TOTAL +/- 3500 m²
NEW PROGRAM

REQUIREMENTS

SCHOOL

CLASSROOMS
x 30-35

AUDITORIUM

CANTEEN

LIBRARY

OFFICES

CREATIVE

ART

CRAFTSMANSHIP

THEATER

MUSIC

DANCE

TOTAL +/- 3500 M2

Introduction | Context | Cultural value | Starting points | Concept & design | Restoration | Reflection
URBAN INTERACTION
CONNECTION WITH THE URBAN STRUCTURE
MULTI-USE GROUND FLOOR

STUDENTS
PUBLIC

INTRODUCTION | CONTEXT | CULTURAL VALUE | STARTING POINTS | CONCEPT & DESIGN | RESTORATION | REFLECTION
INTERIOR COHESION

EXISTING BUILDINGS

NEW INNER SHELL
INTERVENTIONS
TWO EXPRESSIONS
INTERVENTIONS

TWO EXPRESSIONS
SCALE AND RATIO EXTENSION
RHYTHMS IN THE NEW BUILDING
THE "NODE"
LIGHT AND SPACE
ORIENTATION

CHARACTERISTIC HALLWAYS

Hallway in Capucijnenstraat wing

Hallway in Laundry and ironing wing
Canteen
EXTERN INTERVENTIONS
LAMELLA
CLIMATE

CENTRALIZED HEATING
CLIMATE
SUSTAINABLE ENERGY
PART 3 | RESTORATION
LAYMEN’S CHAPEL

South facade

North facade
EXISTING SITUATION

First floor

Ground floor
Paintings

Figure 18. The original interior, 1896

Figure 19. The second interior, date unknown
DAMAGES

Legend

- Moisture damage
- Stain
- Cracks
- Floor

The diagram illustrates various damages such as moisture damage, stain, cracks, and floor. It is accompanied by images highlighting the affected areas.
LOAD BEARING STRUCTURE

ORIGINAL SITUATION

RL + 17000

RL + 9950

RL + 5150

RL + 570

Load-bearing walls  Stairs
Main beams  Force distribution
Secondary beams  Finish

Source image: Photograph by Remco Veldt
LOAD BEARING STRUCTURE
EXISTING SITUATION
RESTORATION APPROACH
CHAPEL EXPERIENCE
CHAPEL EXPERIENCE

PAINTWORK
CHAPEL EXPERIENCE

PAINTWORK
REFLECTION
Thank you!
LOAD BEARING STRUCTURE MAIN BRIDGE

SCHEME
LOAD BEARING STRUCTURE ADDITION
CLIMATE
DECENTRALIZED VENTILATION
INTERVENTION
MATERIALIZATION