MIDCITY CENTRAL
A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY

Student - Joan van Schouten
Main tutor - Henri van Bennekom
Building Technology tutor - Hubert van der Meel
External Examinor - Truus Hordijk
MIDCITY CENTRAL
A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY

Student - Joan van Schouten
Main tutor - Henri van Bennekom
Building Technology tutor - Hubert van der Meel
External Examiner - Truus Hordijk

AXONOMETRY
&
EXPLODED VIEW
MIDCITY CENTRAL
A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY
Student - Joan van Schouten
Main tutor - Henri van Bennekom
Building Technology tutor - Hubert van der Meel
External Examinor - Truus Hordijk
MIDCITY CENTRAL
A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY

Student - Joan van Schouten
Main tutor - Henri van Bennekom
Building Technology tutor - Hubert van der Meel
External Examiner - Truus Hordijk
MIDCITY CENTRAL
A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY

Student - Joan van Schouten
Main tutor - Henri van Bennekom
Building Technology tutor - Hubert van der Meel
External Examinor - Truus Hordijk

FAMILY APARTMENT DWELLING
FIFTH FLOOR

STACKED SINGLE FAMILY DWELLING
NINTH & TENTH FLOOR

DWELLING DESIGN
SCALE 1:100
CITY OVERVIEW
CONNECTIVITY OF DESIGN IN GREATER CHICAGO AREA

EXTERIOR VIEW
CONTINUITY OF PARK THROUGH AND OVER THE BUILDING

INTERIOR VIEW
FLEXIBLE PUBLIC SPACE THAT INVITES interaction AND RELAXATION
MIDCITY CENTRAL

A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY

Student - Joan van Schouten  Main tutor - Henri van Bennekom  Building Technology tutor - Hubert van der Meel  External Examiner - Truus Hordijk

INTERIOR VIEW
ATRIUM WITH GREEN POCKETS & VISIBLE CIRCULATION

EXTERIOR VIEW
USE OF PUBLIC SPACE IN WINTER

EXTERIOR VIEW
TRANSITION FROM ATRIUM TO PUBLIC ROOF GARDEN
MIDCITY CENTRAL
A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY
Student - Joan van Schouten
Main tutor - Henri van Bennekom
Building Technology tutor - Hubert van der Meel
External Examinor - Truus Hordijk

FACADE FRAGMENT
SCALE 1:50
MIDCITY CENTRAL
A NEW PERSPECTIVE ON AIRPORT CENTERED COMMUNITIES IN THE 21ST CENTURY

Student - Joan van Schouten  Main tutor - Henri van Bennekom  Building Technology tutor - Hubert van der Meel  External Examinor - Truus Hordijk

HORIZONTAL DETAIL H1

HORIZONTAL DETAIL H2
VERTICAL DETAILS

SCALE 1:5

20.000 MM

ROOF CONSTRUCTION
- Large plants, grass, other vegetation
- Substrate
- Drainage
- Thermal insulation
- Impermeable membrane, root barrier
- Water retention layer / vent and drainage
- Roof membrane
- Bubbledeck 450 - biaxial hollow deck floor

FLOOR CONSTRUCTION
- Floor finishing
- Screed floor
- Floor heating in thermal insulation layer
- Bubbledeck 450 - biaxial hollow deck floor

OVERHANG CEILING CONSTRUCTION
- Cladding rail
- Benchmark Karrier facade panel
- Battens 42x42
- Benchmark Timber planks, fastened blind with predrilled screw- and all fasteners

VERTICAL DETAIL V1

VERTICAL DETAIL V2