From transport infrastructure to urban infrastructure

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Amsterdam Zuidas
Hybrid Buildings Graduation Studio

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“The time has come to approach architecture urbanistically and urbanism architecturally”

Alison Smithson, 1968
urban matters:

infrastructure vs city: separation and connectivity

transportation node and the city
architecture:
generic vs specific

Il monumento continuo
Superstudio
The Context
Historical core

A10

Harbour

NDSM

Zuidas

Schiphol

Amstel III-Zuidoost

to Haarlem

to Leiden

to Utrecht
infrastructure
infrastructure
Trainstation and the city
Anvers. — La Gare.
Programmatic integration

Transportation Hub

Zuidas Area, CBD, VU
Spatial integration

additional program

platforms

groundfloor

underground parking
Generic
Programming after Program
Archizoom 'No Stop City'
HEB 450
3 layers of fireproofing board

HEB 550
radiant heating tube Ø 16mm

L steel profile 200x150x15

rigid insulation

steel plate 20mm

folding curtain wall

translucent glass panel

PV solar panel

steel fin

finish floor

concrete topping with integrated radiant heating 100

precast hollow core slab Dycore 250 with integrated radiant cooling cavity

vapour barrier

insulation 200

vapour barrier

concrete topping 100

precast hollow core slab Dycore 250

section elevation generic facade fragment

1:20
Specific
Generic programmatic volumes
Platforms
Groundfloor
-1 Bike parking
-2 Car parking, highway tunnel
-3 Car parking
Exloaded axonometric scheme