Capacities of Zuidas
Felipe Aldana | Dwelling Graduation Studio Amsterdam | Tutors: Paul Kuitenbrouwer / Ype Cuperus

Programme scheme
Building 1
- 9 Dwelling levels
- 2 Commercial
- 1.5 level chemical laboratory
- Parking required - 70 parking bays
- 45 dwellings
- 412m²
- Parking required - 60 parking bays
Building 2
- 8 Dwelling levels
- 1 Commercial
- 1.5 level chemical laboratory
- Parking required - 40 parking bays
- 26 dwellings
- 260m²
- Parking required - 40 parking bays
Building 3
- 6 Dwelling levels
- 2 Levels Commercial / Multipurpose
- Parking required - 70 parking bays
- 2.5 level Chemical laboratory
- 28 dwellings
- 1764m²
- Parking required - 35 parking bays
Building 4
- 5 Levels Library / Multipurpose
- 7756m²
- Parking required - 1 parking bay per 100m²
- 78 parking bays

North/South section through site

North/South section through site

North/South section through site

North/South section through site

North/South section through site
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1:200

Developed Building
Dwellings by level:

- Level 0 - Commercial spaces and Lobbies
- Level 1-12
- Level 2-10
- Level 3-8
- Level 4-9
- Level 5-5
- Level 6-3
- Level 7-1
- Level 8 - terrace cafe

48 dwellings: 42m² - 190m²
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1:50

South Elevation
First Level

Typology: Duplex Terraced
Area: 155m2
4 bedrooms
2 bathrooms

Located off interior courtyard, flexible access to main plaza.

Second Level Axonometric Cross Section

Typology: L Corner
Area: 105m2
2 bedrooms
2 bathrooms

Orientation: S. towards main plaza.
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Layering Legend
1. 700mm steel reinforcement precast concrete edge beam.
2. 300mm precast concrete minislab.
3. Werzalit aluminium cladding panel.
4. Cladding support.
5. Velux Intergra electronic roof window white frame.
6. 100mm Pavatherm insulation.
7. Interior Finish.
8. 300mm Precast Ribcassette slab.
10. Protecting cover.
11. HRU piping.
12. Soil.
13. Root barrier.
15. Membrane Protection.
16. Membrane.
17. Textured screed.
18. Steel ceiling suspender.
19. Drop ceiling panel finish.
20. Linea Light fixture.
21. Isokorb CV thermal break for supported slabs.
22. Reinforced beam.
23. infra+ floorsystem.
24. Floortec 50mm insulation.
25. Knauf Polyfoam stabilizer 30mm.
26. 17mm dia. PEX A floor heating piping.
27. 0.6mm aluminium heat diffusion plate.
28. Floor finish.
29. Aluminium cladding graphite color finish.
30. Grate dark grey pavers.
31. Sand layer.
32. Aluminium louvers 200mm depth 50mm wide.
33. 400mm project aluminium flange window frame graphite.
34. 400mm sloped aluminium sill.
35. Double glazing on aluminium frame.
36. 500mm reinforced concrete slab.