Verkade Study Factory
A Catalyst For Urban Regeneration In Zaandam-Verkadebuurt

Masterplan with projected areas of intervention - 1:20,000

Proposed situation profile 2-2 - 1:750
Proposed situation profile X-X - 1:750
Proposed situation profile Y-Y - 1:750

Birdseye view of the urban plan

Different characters of station areas according to Masterplan

Industry vs. living

Eye-level perspective along campus

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A - A' 1:500
B - B' 1:500
C - C' 1:500
D - D' 1:500

Proposed situation profile Z-Z' - 1:750
Proposed situation profile X-X' - 1:750
Proposed situation profile Y-Y' - 1:750

Eye-level perspective along campus

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Eye-level perspective along campus

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Proposed situation profile Y-Y' - 1:750

Eye-level perspective along campus
1. Hollow core concrete floor 150 mm.
2. Reinforced concrete topping 50 mm.
3. Insulation in slope 80 mm.
4. Bitumen roofing
5. Aerated concrete
6. Aluminum curtain wall profiles
7. Steel truss
8. Sun blinds
9. Curtain wall fixation
10. Aluminum sandwich panel
11. Triplex
12. Insulated double glazing
13. Aluminum rooftrim
14. Rectangular steel airduct 220 x 660 mm.
15. Suspended ceiling system
16. Wooden slats 10 x 100 mm.
17. Welded steel plate as console
18. Welded steel angled profile as console
19. Concrete beam 500 x 200 mm.
20. Steel truss 20 mm. diameter
21. Prefabricated concrete outer leaf 80 mm.
22. Insulation 80 mm.
23. Prefabricated concrete inner leaf 80 mm.
24. Anchorplate connection inner and outer leaf
25. Anchor connection inner and outer leaf
26. Fixation of concrete sandwich panels onto concrete beams
27. Screed 10 mm.
28. Concrete beam 250 x 200 mm.
29. Prefabricated concrete panels 80 mm.
30. Fixation of prefabricated concrete panels onto structure
31. Vapor barrier
32. Floor heating and cooling 50 mm.
33. Steel U profile 150 mm.
34. Concrete tile
35. Wide slab floor 50 mm.
36. Concrete cast in situ topping pressure layer 150 mm.
37. Insulation 100 mm.
38. Waterresistent film
39. Foundation beam 700 x 480 mm.
40. Pavement tile
Facade fragment 2 - 1:33

1. Bitumen roofing
2. Insulation in slope 80 mm.
3. Reinforced concrete topping 50 mm.
4. Hollow core concrete floor 150 mm.
5. Steel truss 20 mm. diameter
6. Suspended ceiling system
7. Rectangular steel airduct 220 x 660 mm.
8. Wooden slats 10 x 100 mm.
9. Lighting
10. Aluminum rooftrim
11. Waterresistant film
12. Triplex
13. Vapor barrier
14. Triplex
15. Insulation 150 mm.
16. Wooden block 44 x 67 mm.
17. Aluminum curtain wall profiles
18. Curtain wall fixation
19. Aluminum sandwich panel
20. Insulated double glazing
21. Floor heating and cooling 50 mm.
22. Screed 10 mm.
23. Prefabricated concrete panels 80 mm.
24. Fixation of prefabricated concrete panels onto structure
25. Insulation 100 mm.
26. Steel U profile 150 mm.
27. Concrete tile
28. Wide slab floor 50 mm.
29. Concrete cast in situ topping pressure layer 150 mm.
30. Pavement tile

Facade fragment 3 - 1:33

1. Two stoned masonry 44 mm. - 33 mm.
2. Concrete lintel
3. Operable steel window frames
4. Single glass
5. Double glazing
6. Insulated operable steel window frames
7. Timber girder 120 x 67 mm.
8. Concrete gutter
9. I-Beam 80 mm.
10. Insulation 120 mm.
11. Bitumen roofing
12. Steel suspension system
13. Solar panels
14. Aluminum frames
15. Concrete beam
16. Glazed partition walls
17. Cast iron columns
18. Screed 10 mm.
19. Heating and cooling floor 50 mm.
20. Insulation layer 40 mm.
21. Concrete rib floor with steel beams inside 150 mm.
22. Steel ventilation duct 350 mm. diameter
23. Steel ribbed plates
24. Steel I-Beam 150
25. Gravel as ballast
26. Concrete eaves
27. Zinc cover of roof trim
28. Insulation 100 mm.
29. Ceramic window sill
30. Insulation 100 mm.
31. Two-layer stone masonry darker
32. Pavement tile
33. Plasterboard 12,5 mm.

Facade details 2 - 1:10

1. Concrete beam
2. Glass partition walls
3. Glass blocks
4. Metal frame
5. Metal roof truss
6. Metal pipe
7. Metal truss
8. Metal beam
9. Metal column
10. Metal plate
11. Metal wall

Facade details 3 - 1:10

1. Concrete beam
2. Glass partition walls
3. Glass blocks
4. Metal frame
5. Metal roof truss
6. Metal pipe
7. Metal truss
8. Metal beam
9. Metal column
10. Metal plate
11. Metal wall