LIVING GEOMETRIES | STRATEGY FOR A CONTEMPORARY HOUSING COMMUNITY
STUDENT | ANA MARIA ANTON | TUTORS | HENRIETTE BIER | NIMISH BILORIA | KAREL VOLLERS

AERIAL VIEW | DETAILED APARTMENT

SOUTH VIEW | SCALE 1:1000

LLOYD PIER SITE PLAN | SCALE 1:1000
ARCHITECTURAL SCALE DRAWINGS
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SECTION LINE
ACCESS FROM EXTERIOR INTO THE COMMUNITY GARDEN
ACCESS FROM COMMUNITY GARDEN INTO ONE APARTMENT
PNEUMATIC VACUUM ELEVATOR

GROUND FLOOR PLAN | SCALE 1/200
LEVEL 7 PLAN | SCALE 1/200

GROUNDFLOOR PLAN
19.00 m
33.00 m
37.50 m
+0.00 m
45.50 m

LEVEL 7 PLAN

POROSITY IN PLAN
POROSITY IN LONGITUDINAL SECTIONS
POROSITY IN TRANSVERSAL SECTIONS

APARTMENTS
COMMUNITY GARDEN
VOLUME OUTLINE

LONGITUDINAL SECTION
1. SHELL, 3D PRINT, OPAQUE, PLASTIC, POROSITY: LOW, WATER TIGHT
2. TERRACE WEAR SURFACE, HARDENED RESIN, COMPACT, WATER TIGHT
3. INNER SHELL, 3D PRINT, OPAQUE, PLASTIC, POROSITY: LOW, WATER TIGHT
4. STRUCTURE COMPONENT, ANTI-GRAVITY METALLIC 3D PRINT, POROSITY: HIGH/COMPACT, STAINLESS
5. FACADE CLOSING COMPONENT, 3D PRINT, OPAQUE, PLASTIC, POROSITY: HIGH/CLOSED PORES, THERMAL INSULATING, WATER TIGHT
6. WINDOW MEMBRANE, 3D PRINT, TRANSPARENT, RESIN: VEROCLEAR, POROSITY: HIGH/COMPACT, WATER TIGHT
7. GAS, ARGON
8. ADDITIONAL SUPPORT STRUCTURE, ANTI-GRAVITY METALLIC 3D PRINT, OPAQUE, POROSITY HIGH/COMPACT, STAINLESS
9. AIR INTAKE INLET
10. WALL INTERIOR RENDERING, HARDENED EPOXI RESIN, APPLIED ON 3D PRINTED PIECE, ROUGH/WEAR RESISTANT, OPAQUE, WATER TIGHT
11. GLUE MOUNTING, CHEMICAL SEALING BETWEEN METAL COMPONENT & PLASTIC SHELL
12. SHELL CLOSED PORE SPACE - DIFFERENT POROSITY, 3D PRINT, OPAQUE, THERMAL INSULATING ENHANCEMENT OF SHELL
13. SHELL CELL, 3D PRINT, OPAQUE, POROSITY: HIGH AIR TIGHT, WATER PROOF