

Children’s village. Fundação Bradesco. Canuanã School

Oficina: Rosenbaum + Aleph Zero
Formoso do Araguaia. Tocantins, Brazil. 2017
Fotografías: Cristobal Palma/ Estudio Palma

Vista exterior

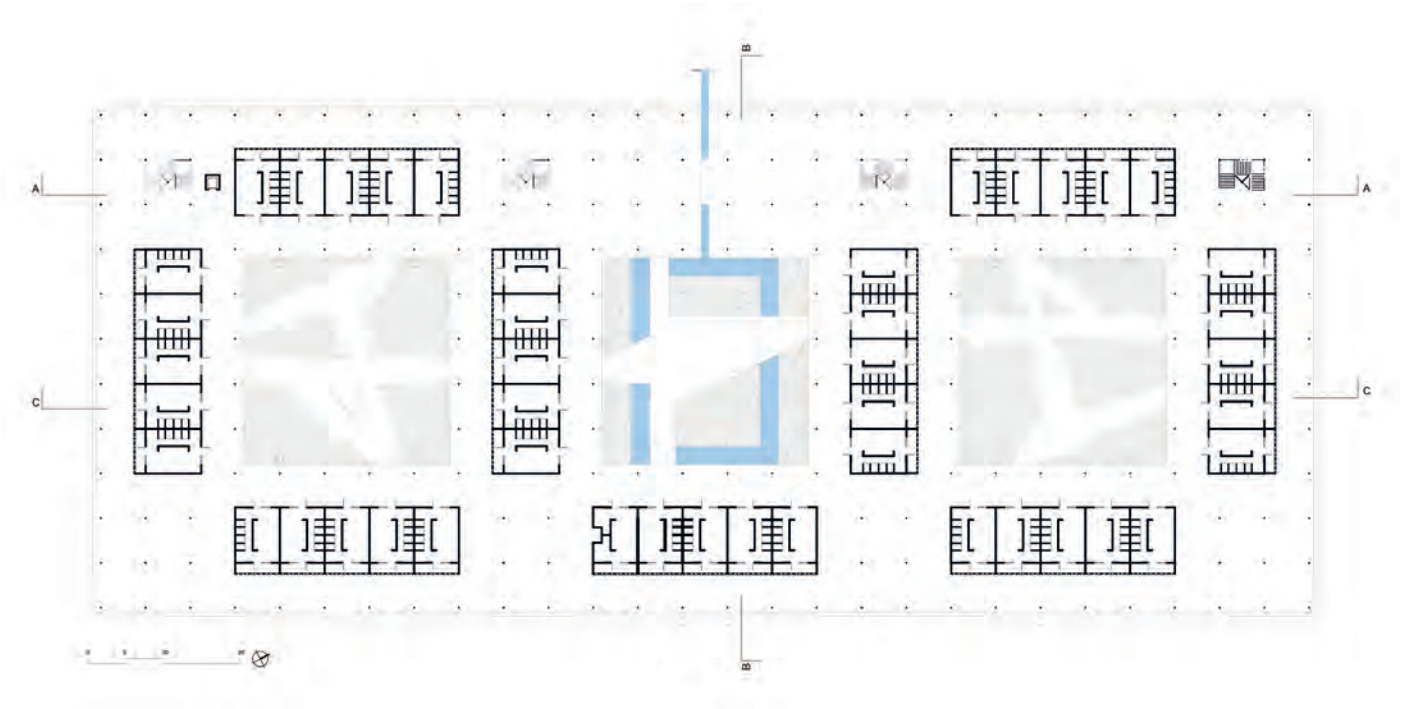




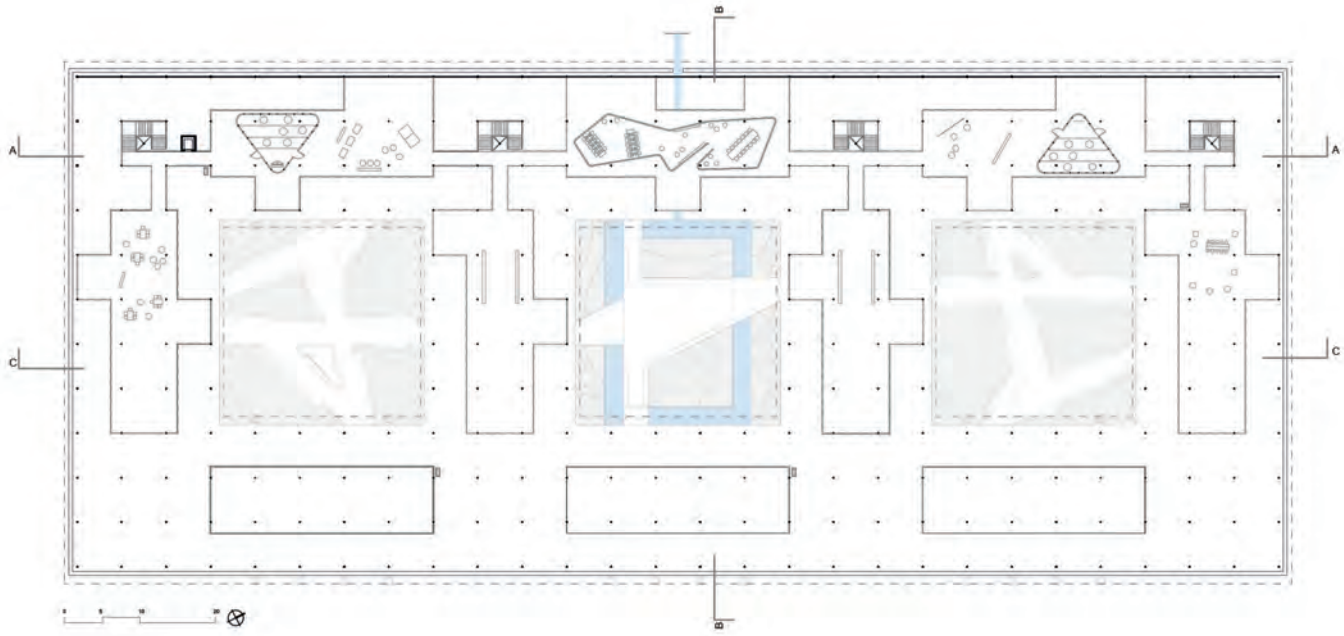
Localización



Vista aérea



Planta baja

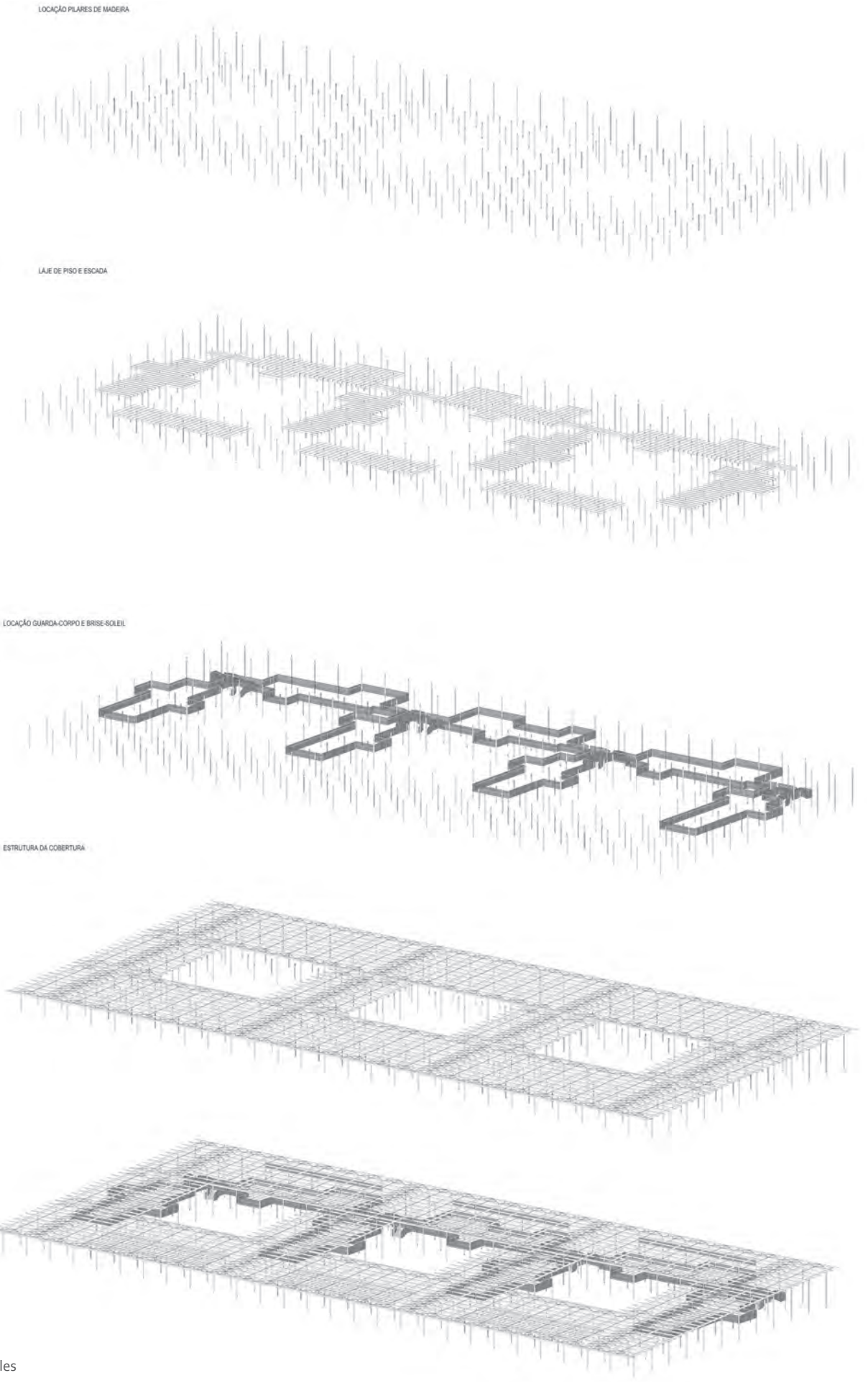


Primer Piso



Circulaciones

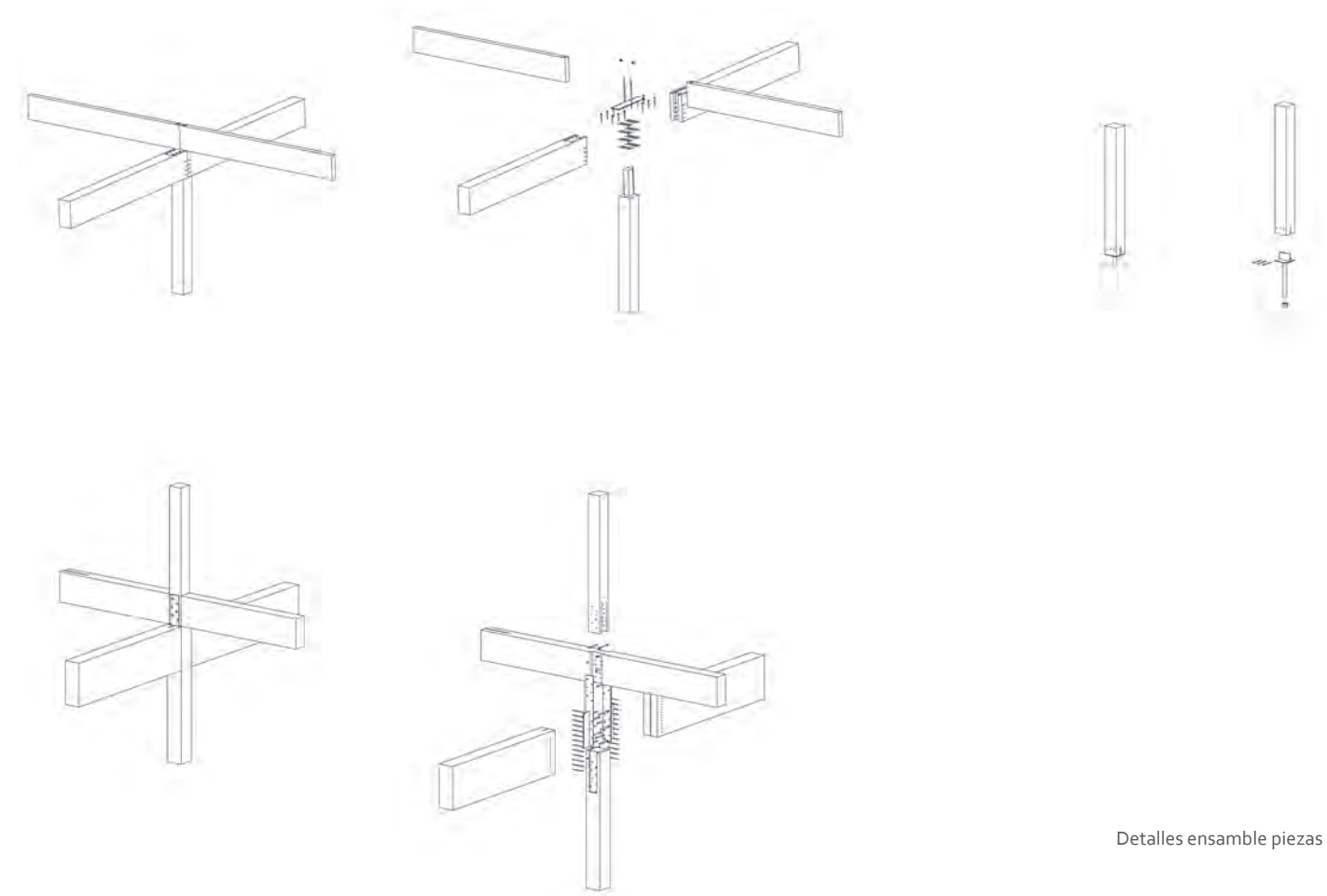
Espacio de interacción



Diagramas estructurales



Vista exterior



Detalles ensamble piezas

Patio



Sección AA



Sección BB



Sección CC

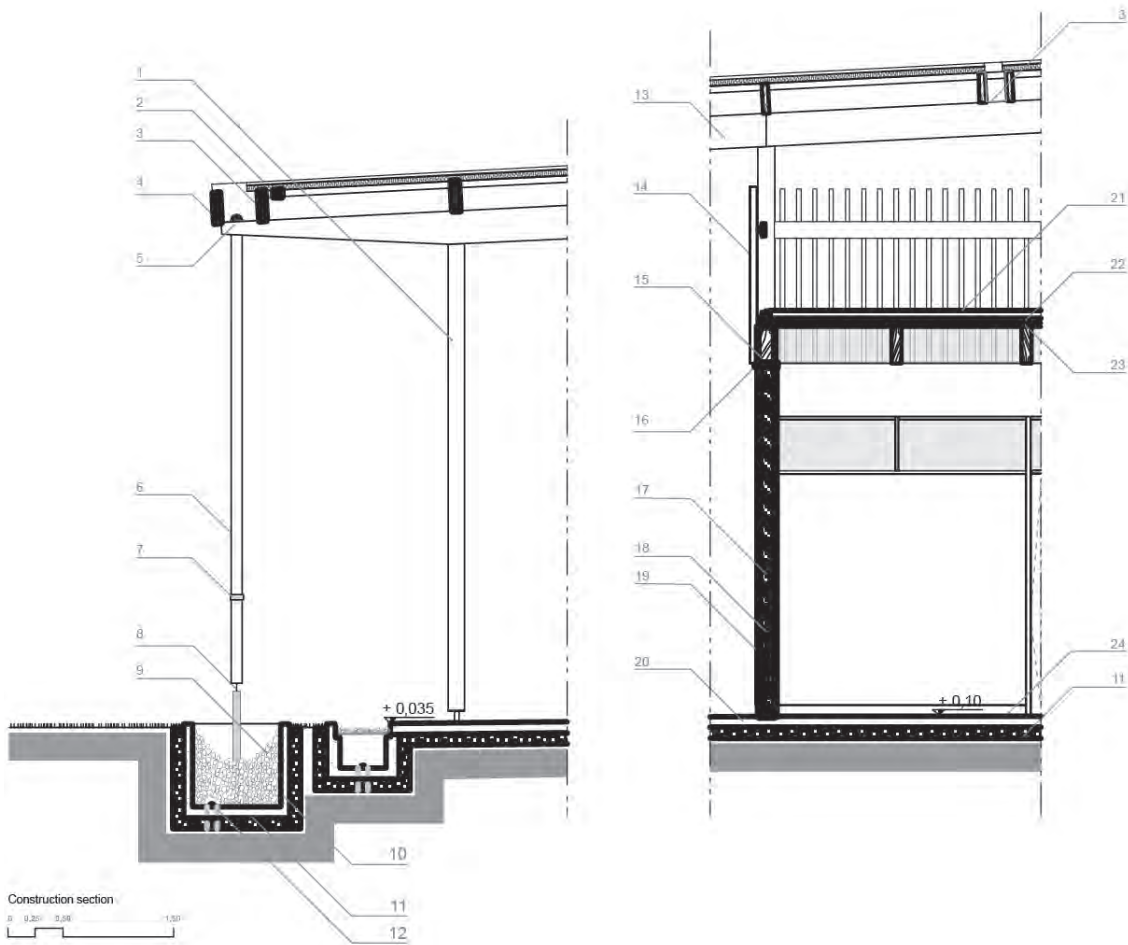


Alzado

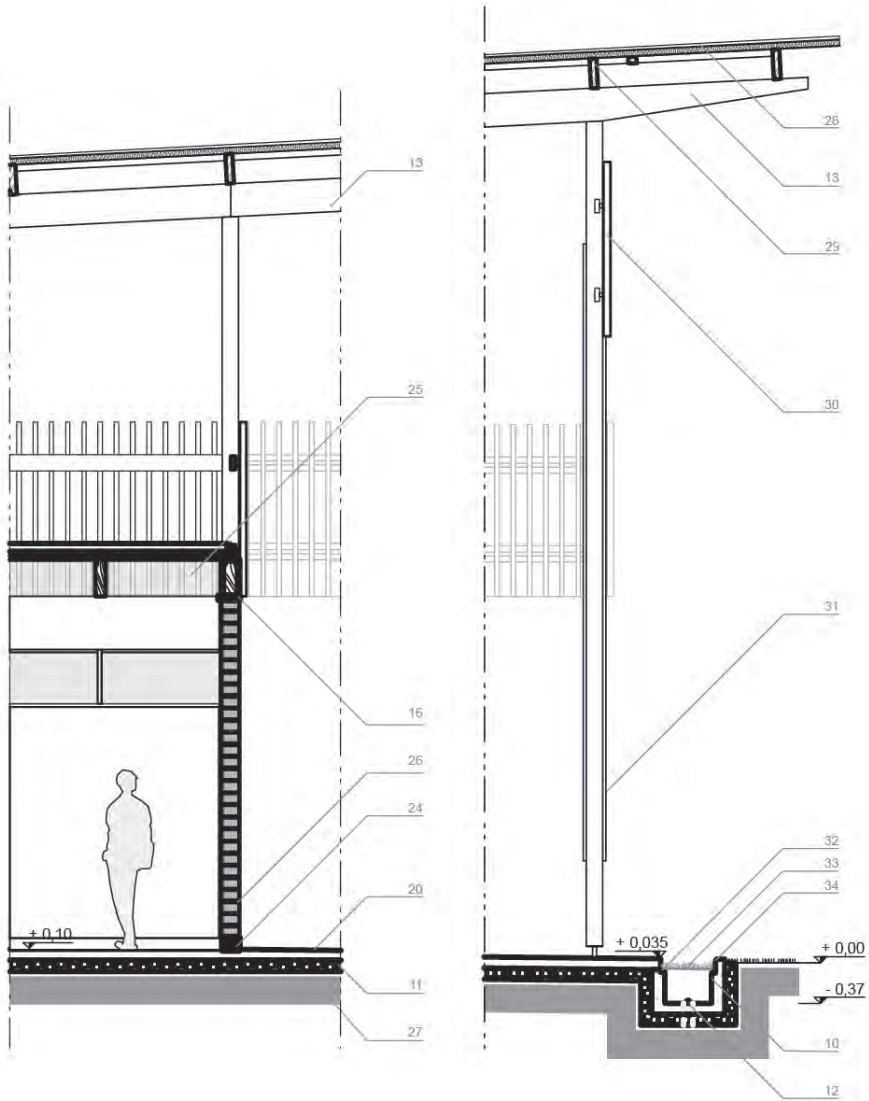




Umbral



Secciones constructivas



1. autoclaved eucalyptus wood post 15x15cm, supported by metallic piece in accordance to structural design, finish in colorless stain Osmocolor or similar.

2. serrated ridge shed CSHD LR33 Perilor or similar in white

3. metal gutter, 40x25cm, with protection caps, min. slope=2% towards downspout, finish in red paint RAL 3020

4. Protection in solid autoclaved eucalyptus wood, according to strlural design, finish in colorless stain Osmocolor or similar

5. Hemispheric drain in accordance to rainwater design

6. downspout 100mm according to rainwater design, finish in red paint RAL 3020

7. metal ring to estabilize downspout

8. metal rod 5x7cm fixed to concrete base to structure downspout

9. certified rolled pebble dimension Ø= 10 to 15cm, sand color

10. reinforced concrete molded in place, apply waterproofing according to Landscape design

11. compacted gravel 10cm

12. drain connected to water mirror sisitem according to hydraulic design

13. glued-laminated autoclaved eucalyptus beam, in accordance to structural design, finish in colorless stain Osmocolor or similar

14. railings in autoclaved eucalyptus wood, finish in colorless stain Osmocolor or similar

15. glued-laminated autoclaved eucalyptus beam, in accordance to structural design, finish in colorless stain Osmocolor or similar

16. piece in solid autoclaved eucalyptus wood, to structure and top of walls, finish in colorless stain Osmocolor or similar
17. inside wall covering in plaster and organic based white paint

18. concrete block wall

19. covering in mortar composed of cement and local earth, starting up from 10cm off of ground level, inside

20. reinforced concrete floor h=10cm, polished waterproofing finishing 1% slope

21. reinforced concrete floor h=7cm, polished waterproofing finishing

22. rock wool panel under concrete floor, density 96kg/m3, h=25mm fab. Termax or similar, over 2 sheets of polyethylene

23. wood cement panel h=4cm, Eternit or similar,

24. concrete base h=10cm

25. polyethylene insect screen 20x20 wire

26. wall masonry of stabilized compressed earth blocks locally produced with local raw material

27. compacted earth sub-bed h=40cm

28. metallic roofing with insulation ABT LRT-17 Perilor, white, x 60cm over support, with metallic cap finish 5% slope

29. glued-laminated autoclaved eucalyptus rafter, in accordance to structural design, finish in colorless stain Osmocolor or similar

30. autoclaved eucalyptus louvres, finish in colorless stain Osmocolor or similar

31. wood post reinforcement 3cm in each side, finish in colorless stain Osmocolor or similar

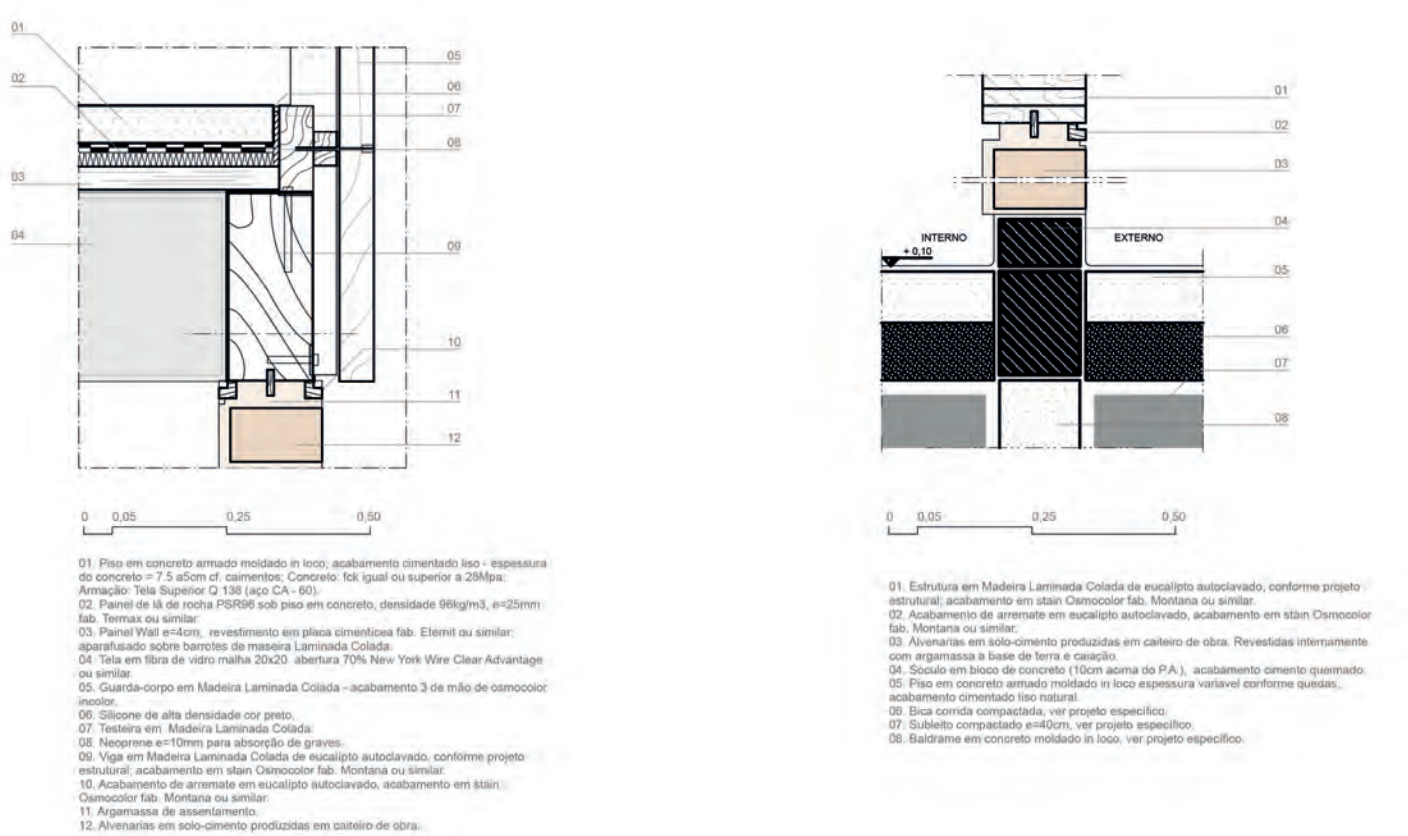
32. metal grid and support

33. certified rolled pebble, dimension Ø= 5 to 10 cm, sand color

34. bevelled border

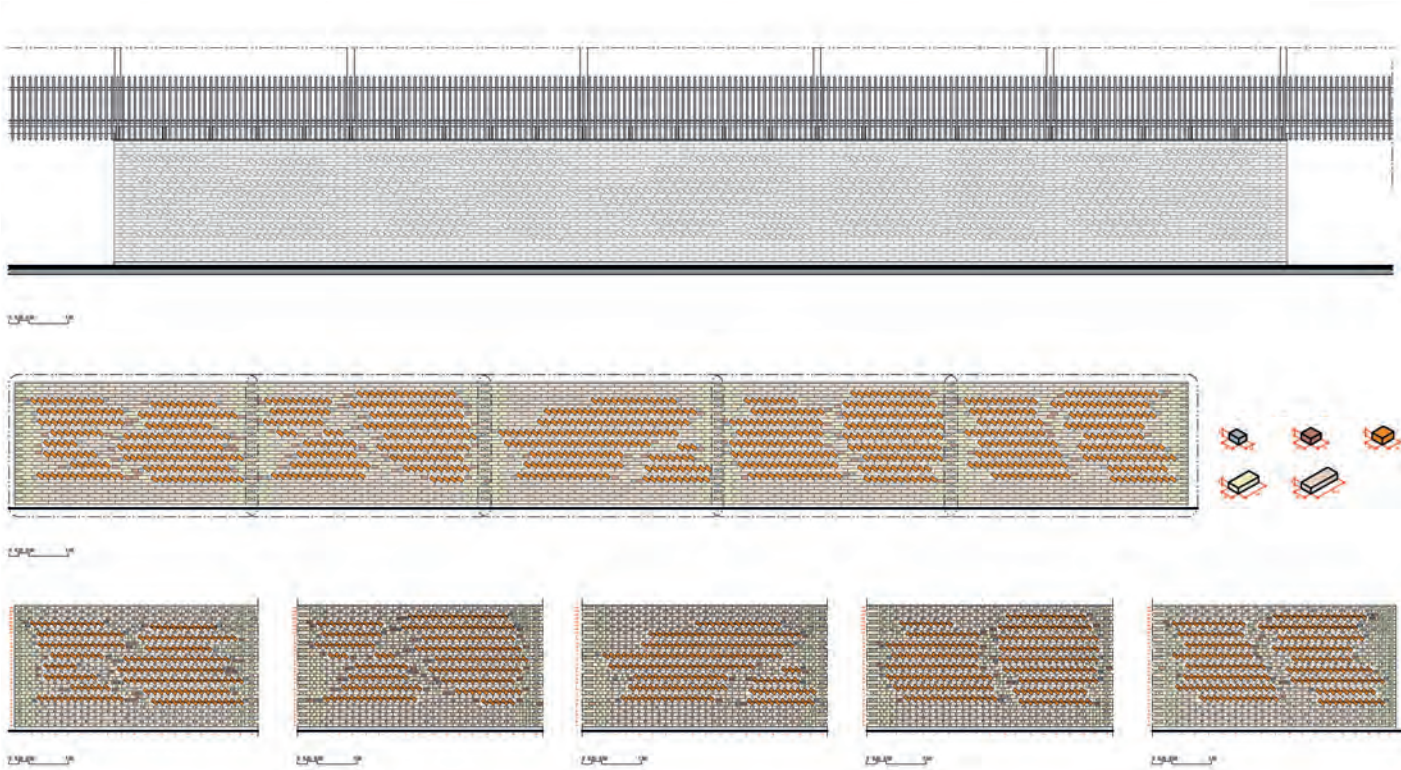


Vista exterior



Detalle piso superior

Detalle encuentro piso-cerramiento



Fachada. Detalle de aparejos





Corredores de circulación

Investigación abierta
Creación