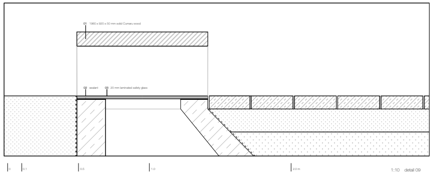
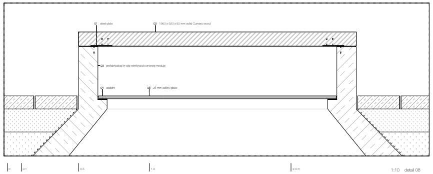
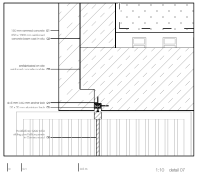

01 1960 x 920 x 50 mm solid Cumaru wood
02 sealant
03 20 mm laminated safety glass
0
0.1
0.5
1.0
2.0 m

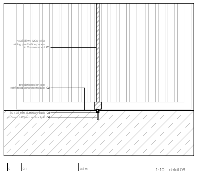
1:10 detail 09


01 steel plate
02 1960 x 920 x 50 mm solid Cumaru wood
03 prefabricated in-site reinforced concrete module
04 sealant
05 25 mm safety glass
0
0.1
0.5
1.0
2.0 m

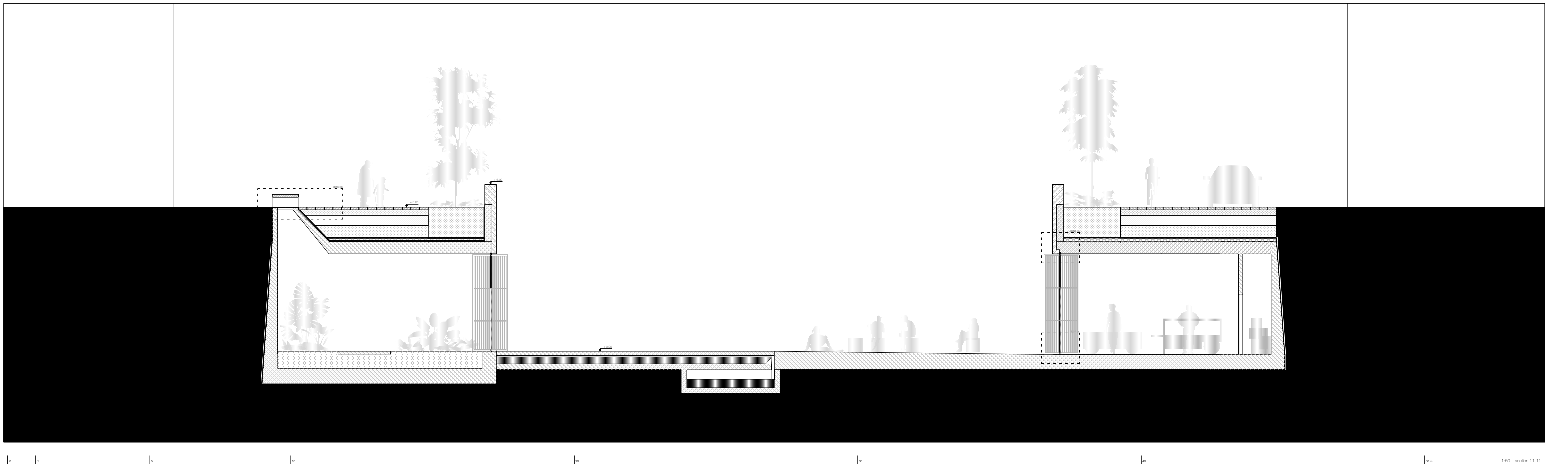
1:10 detail 08


150 mm rammed concrete 01
250 x 1300 mm reinforced concrete beam cast in-situ 02
prefabricated on-site reinforced concrete module 03
d=5 mm l=60 mm anchor bolt 04
50 x 35 mm aluminium track 05
h=3525 w=1200 t=50 sliding pivot lattice panels in Cumaru wood 06
0
0.1
0.5 m

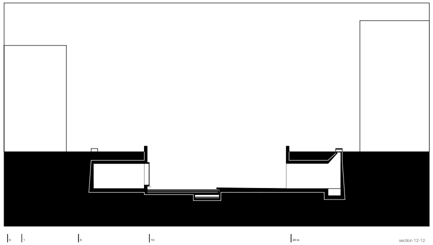
1:10 detail 07


h=3525 w=1200 t=50 sliding pivot lattice panels in Cumaru wood 01
prefabricated on-site reinforced concrete module 02
50 x 35 mm aluminium track 03
d=5 mm l=60 mm anchor bolt 04
0
0.1
0.5 m

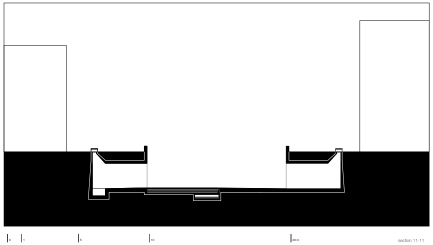
1:10 detail 06


detail xx
+ 5.20
+ 6.00
+ 0.00
detail xx
0
1
5
10
20
30
40
50 m

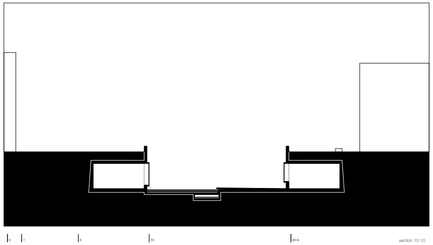
1:50 section 11-11



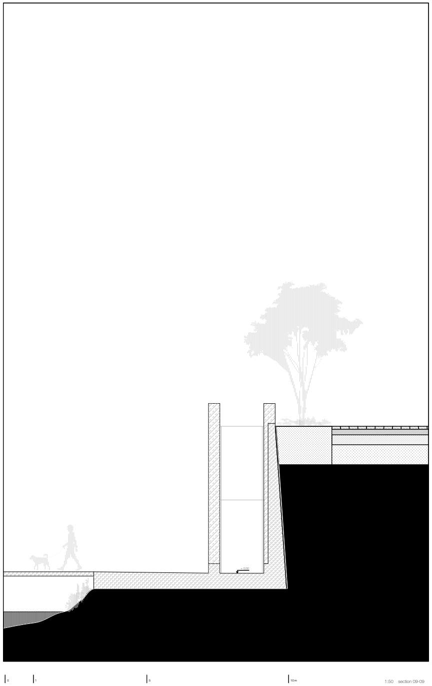
section 12-12



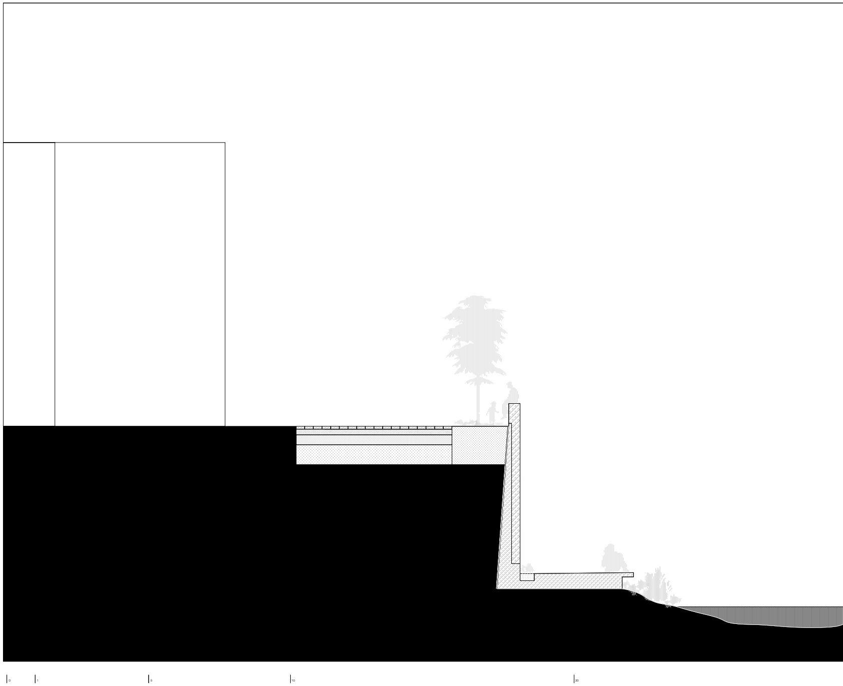
section 11-11

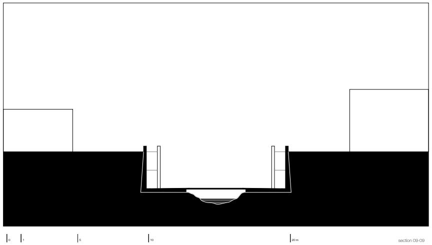


section 10-10

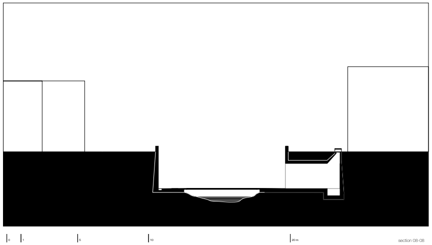


1:50 section 09-09

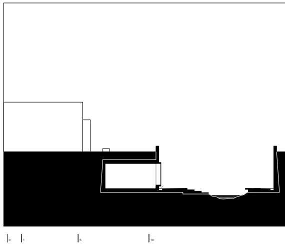


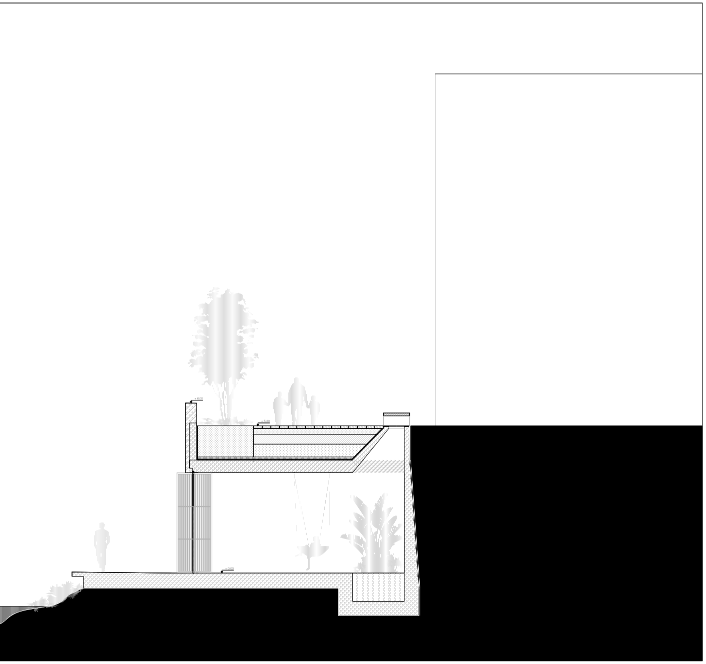


section 09-09

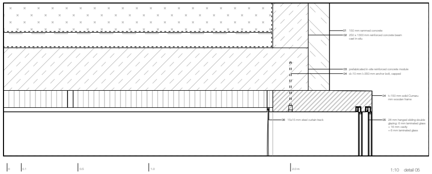


section 08-08

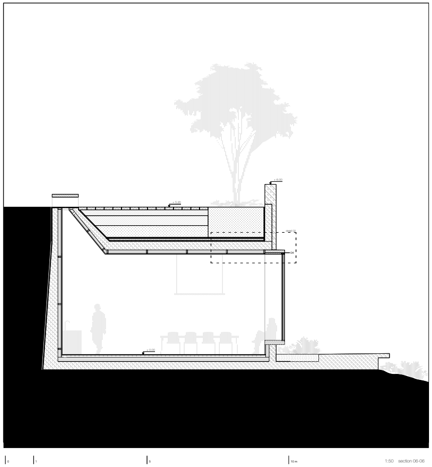



+ 6.00
+ 5.20
+ 0.00
30
40
50 m

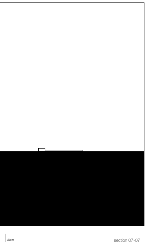
1:50 section 08-08


01 150 mm rammed concrete
02 250 x 1300 mm reinforced concrete beam cast in-situ
03 prefabricated in-site reinforced concrete module
04 d::10 mm l::350 mm anchor bolt, capped
04 t::150 mm solid Cumaru mm wooden frame
05 28 mm hanged sliding double glazing: 6 mm laminated glass + 16 mm cavity + 6 mm laminated glass
06 15x15 mm steel curtain track
0
0.1
0.5
1.0
2.0 m

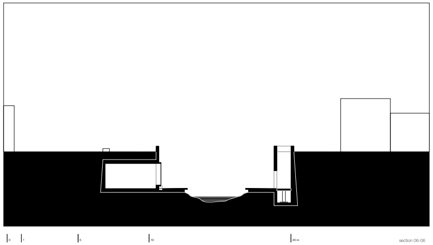
1:10 detail 05


+ 6.00
+ 5.20
detail 02
04
+ 0.00
0
1
5
10 m

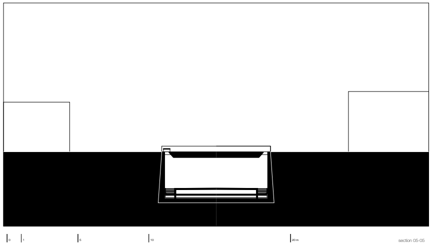
1:50 section 06-06



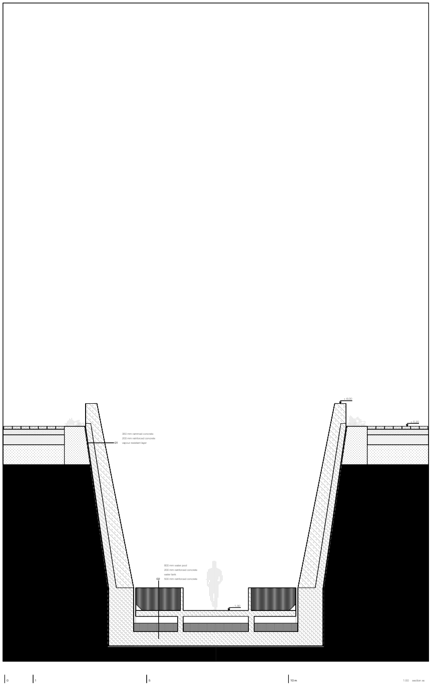
section 07-07

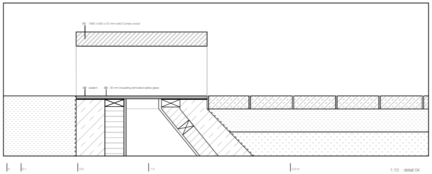


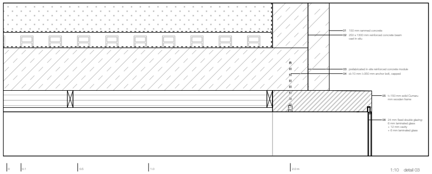
section 06-06

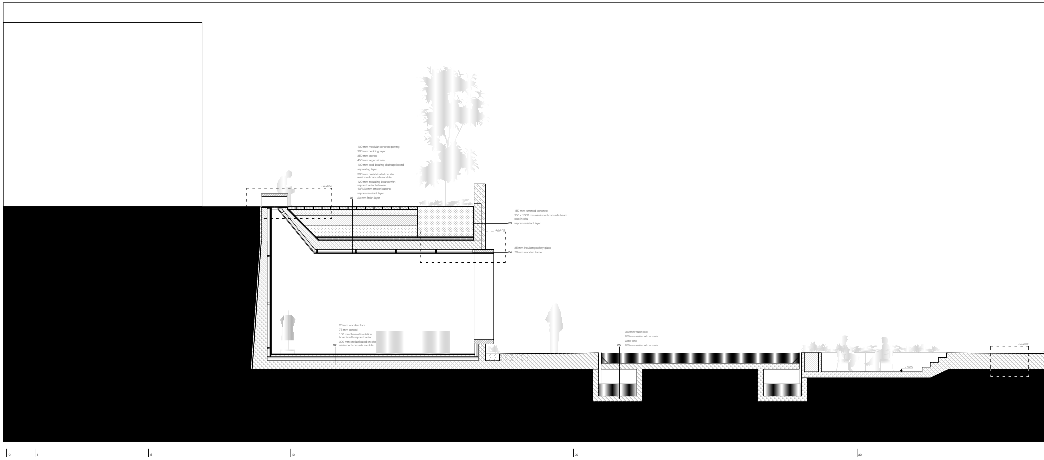


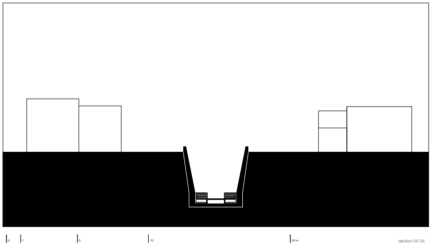
section 05-05

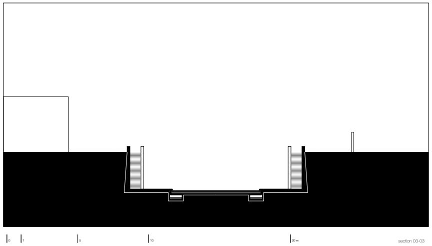

+ 6.00
+ 5.20
01
350 mm rammed concrete
200 mm reinforced concrete
vapour-resistant layer
02
800 mm water pool
200 mm reinforced concrete
water tank
500 mm reinforced concrete
- 1.30
0
1
5
10 m
1:50 section xx

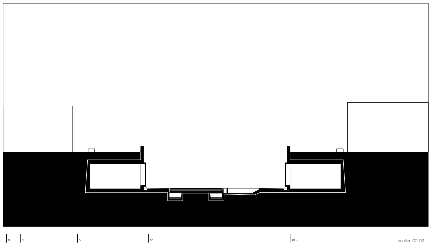

01 1960 x 920 x 50 mm solid Cumaru wood
02 sealant
03 35 mm insulating laminated safety glass
0
0.1
0.5
1.0
2.0 m
1:10 detail 04

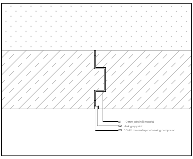

01 150 mm rammed concrete
02 250 x 1300 mm reinforced concrete beam cast in-situ
03 prefabricated in-site reinforced concrete module
04 d.=10 mm l.=350 mm anchor bolt, capped
05 t.=150 mm solid Cumaru mm wooden frame
06 24 mm fixed double glazing: 6 mm laminated glass + 12 mm cavity + 6 mm laminated glass
0
0.1
0.5
1.0
2.0 m
1:10 detail 03


detail 04
01
100 mm modular concrete paving
200 mm bedding layer
350 mm stones
450 mm larger stones
100 mm load-bearing drainage board
separating layer
300 mm prefabricated on site reinforced concrete module
120 mm insulating boards with vapour barrier between
40/120 mm timber battens
vapour-resistant layer
20 mm finish layer
03
150 mm rammed concrete
250 x 1300 mm reinforced concrete beam cast in-situ
vapour-resistant layer
detail 03
04
35 mm insulating safety glass
70 mm wooden frame
02
20 mm wooden floor
75 mm screed
150 mm thermal insulation boards with vapour barrier
300 mm prefabricated on site reinforced concrete module
05
350 mm water pool
200 mm reinforced concrete
water tank
200 mm reinforced concrete
- 0.65
detail 02
0
1
5
10
20
30

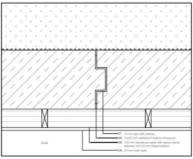

0
1
5
10
20 m
section 04-04


0
1
5
10
20 m
section 03-03

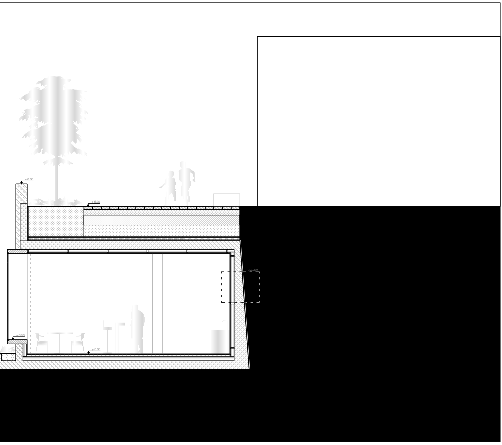

0
1
5
10
20 m
section 02-02


01 10 mm joint infill material
02 dark grey paint
03 10x45 mm waterproof sealing compound
0
0.1
0.5 m

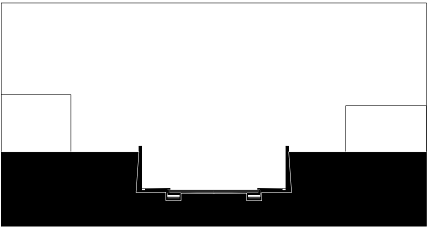
1:10 detail 02


inside
01 10 mm joint infill material
02 10x45 mm waterproof sealing compound
03 120 mm insulating boards with vapour barrier between 40/120 mm timber battens
04 20 mm finish layer
0
0.1
0.5 m

1:10 detail 01


+ 6.00
+ 5.20
detail 02
+ 0.50
+ 0.00
40
50 m

1:50 section 02-02



section 01-01