

Participant 1

Transition
between design 1
& 2

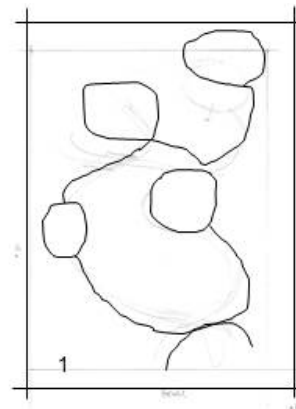
Mode of thinking

- = Associative cognitive
- = Analytic cognitive

Attribute

Evaluation of design ideas / concepts
Developing, thinking through & exploring ideas
Generating ideas/concepts
Images, metaphors, analogies

Design
Number
(on design)



Stopped working
on design 1
(05:17:6)

Started working on design
2 (05:28:0)

05:00.8 05:05.8 05:10.8 05:15.8 05:20.8 05:25.8 05:30.8 05:32.7

Time into design session/verbal protocol
(min:sec:msec)

"you have to walk
through certain areas"

"give it more of a
sense of mystery"

"it doesn't have to
be...curvy"


"there are different
ways to take you
through a garden
[draws]"

Content of verbal protocol segments

Participant 3

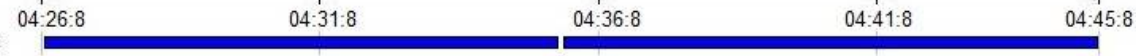
Transition between
design 1 & 2

Mode of thinking

 = Associative cognitive

Attribute (ID number & name)

Generating ideas/concepts

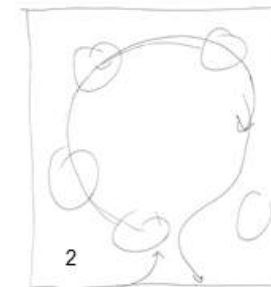
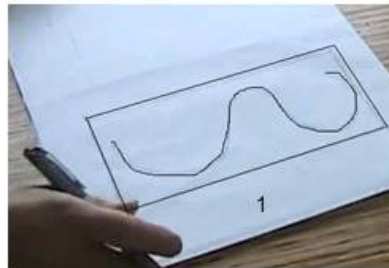


Stopped working
on design 1
(04:35:7)

Started working
on design 2
(04:44:3)

"what I'm thinking is,
that a journey...if you've
got a longer plot you
have more opportunities
to have a journey"

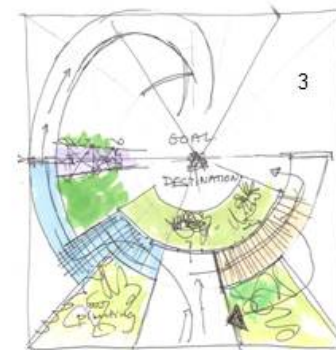
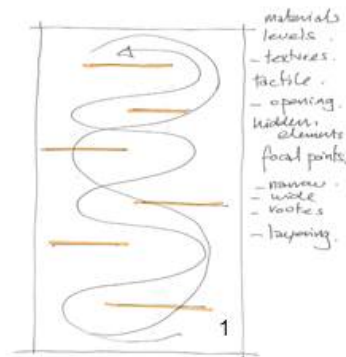
"but just the same as
doing that, if you have a
square plot the journey
could be more of a sort
of circular thing"



Participant 3

Transition between
design 1 (in a more
elaborated form) &
design 3

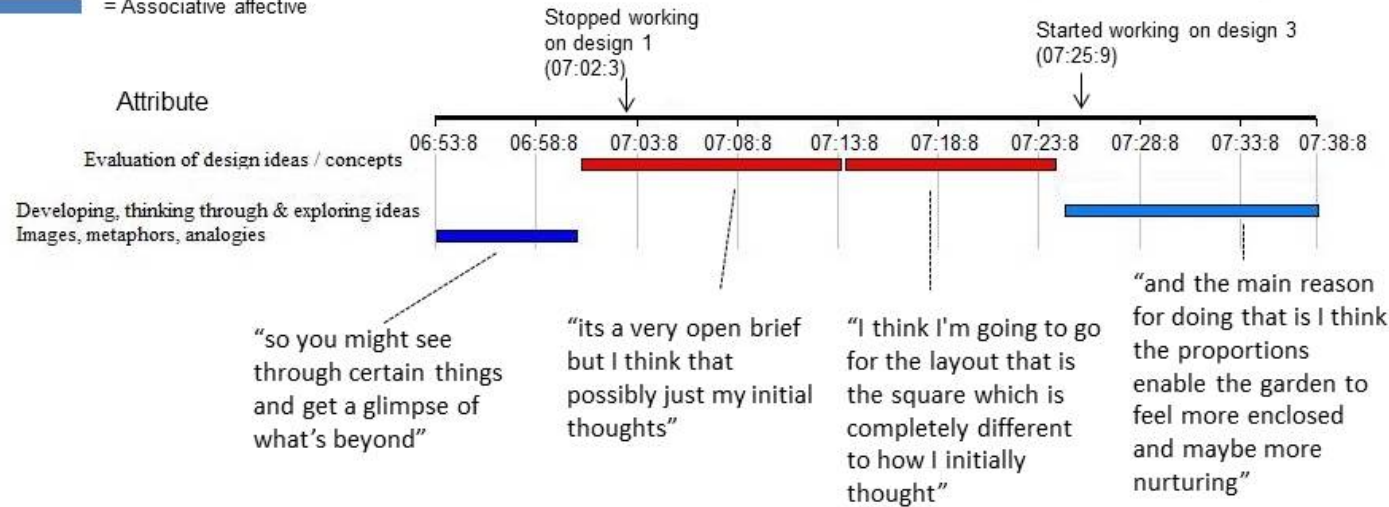
Note. This was
classified as an
'elaboration' of design
1.



Mode of thinking

- = Associative cognitive
- = Analytic cognitive
- = Associative affective

Attribute



Participant 3

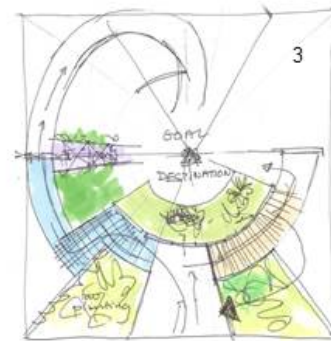
Transition between
design 3 & design 4

Mode of thinking

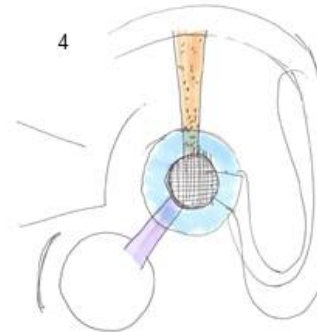
- = Associative cognitive
- = Analytic cognitive
- = Analytic affective

Attribute

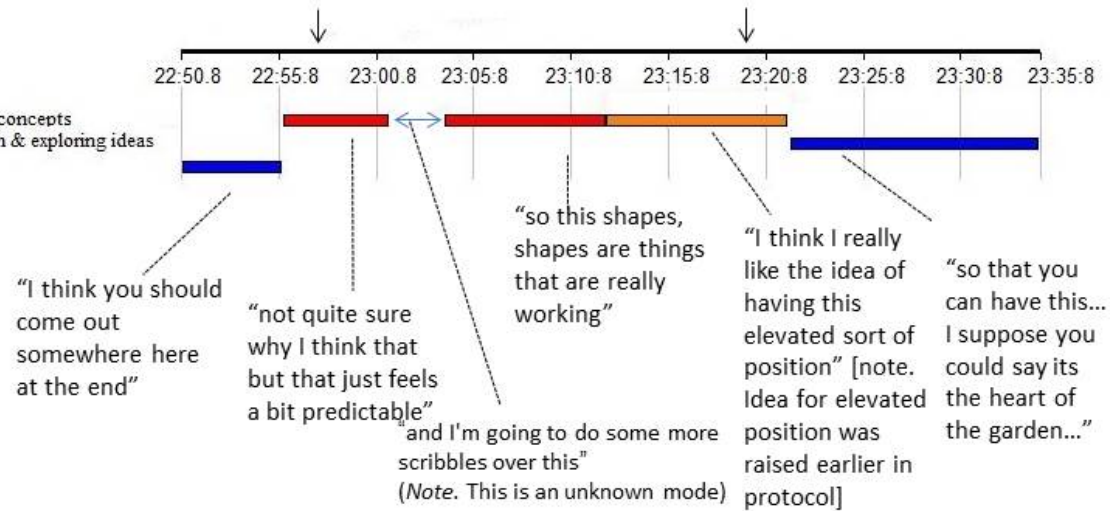
Evaluation of design ideas / concepts
Developing, thinking through & exploring ideas
Generating ideas/concepts



Stopped working
on design 3
(22:57:0)




Started working on design 4
(23:19:0)




Participant 5

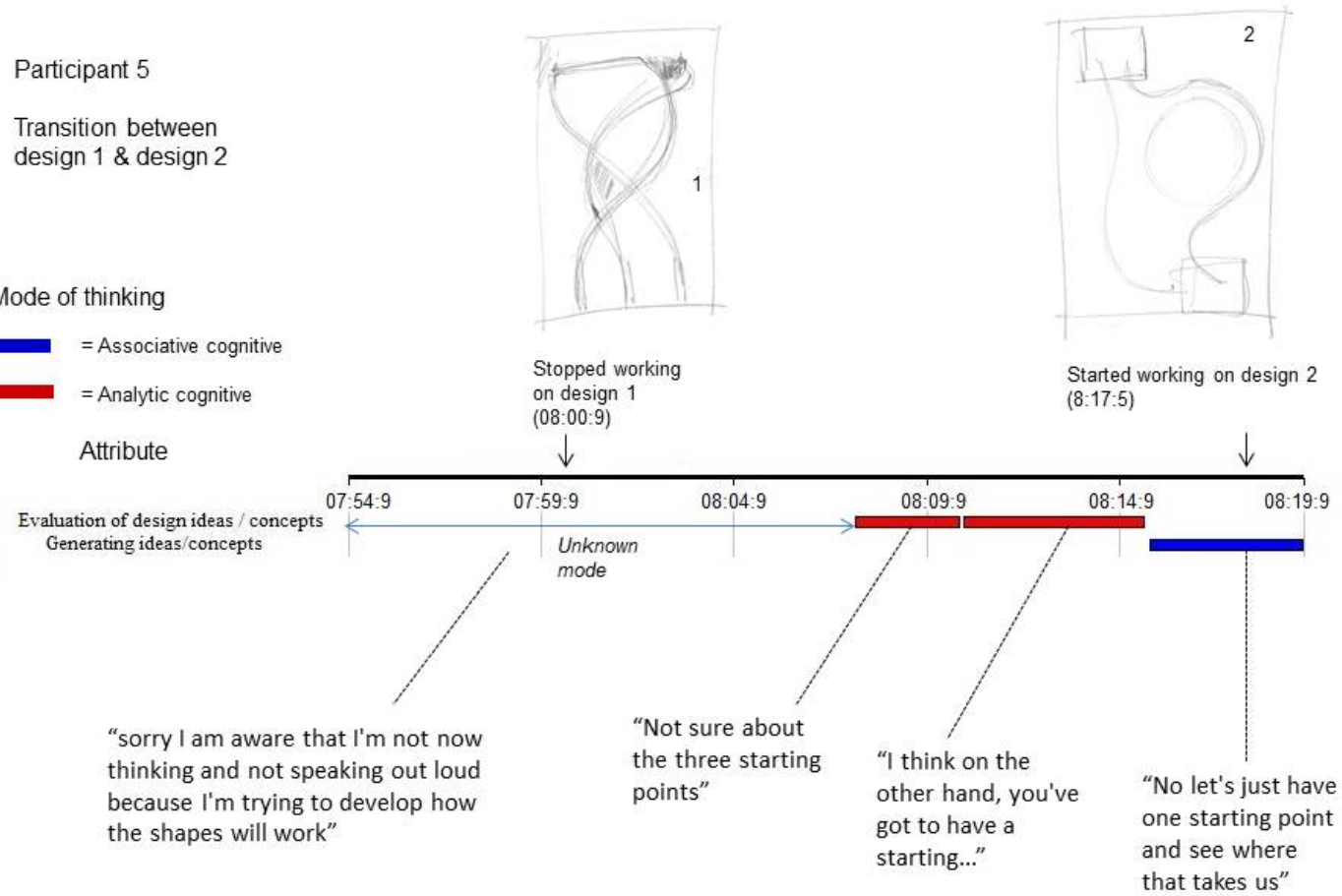
Transition between
design 1 & design 2

Mode of thinking

 = Associative cognitive

 = Analytic cognitive

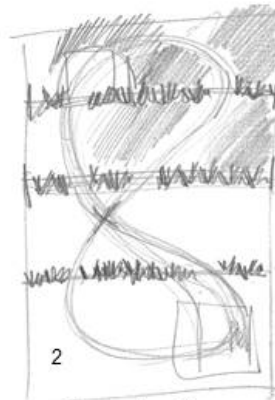
Attribute



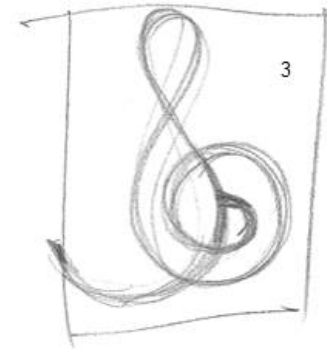
Participant 5

Transition between
design 2 & design 3

Note. This was
classified as an
'elaboration' of design 2.



Stopped working
on design 2
(12:44:0)



Started working on design 3
(12:55:0)

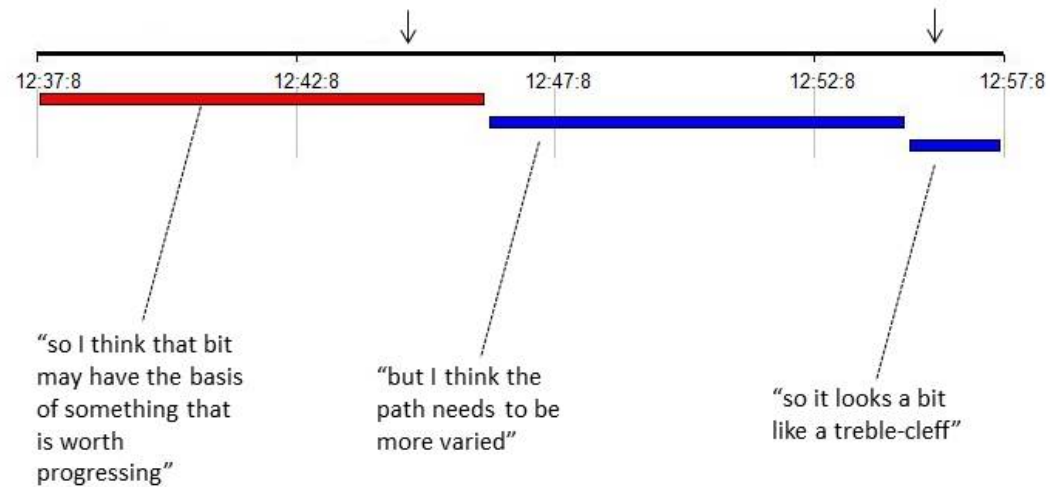
Mode of thinking

■ = Associative cognitive

■ = Analytic cognitive

Attribute


Evaluation of design ideas / concepts
Generating ideas/concepts
Images, metaphors, analogies




Participant 5

Transition between
design 3 & design 4

Mode of thinking

 = Associative cognitive

 = Analytic affective

Attribute

Evaluation of design ideas / concepts

Developing, thinking through & exploring ideas

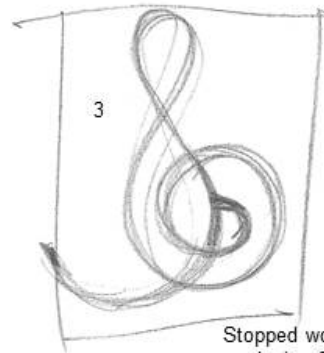
Generating ideas/concepts

"see actually have
a path into the
garden and a path
out of the garden"

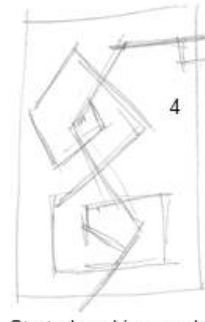
"and quite liking
that as an idea,
whether it is right"

"let's try it square"

"let's see if it
works with a
square format"



Stopped working
on design 3
(15:43:7)



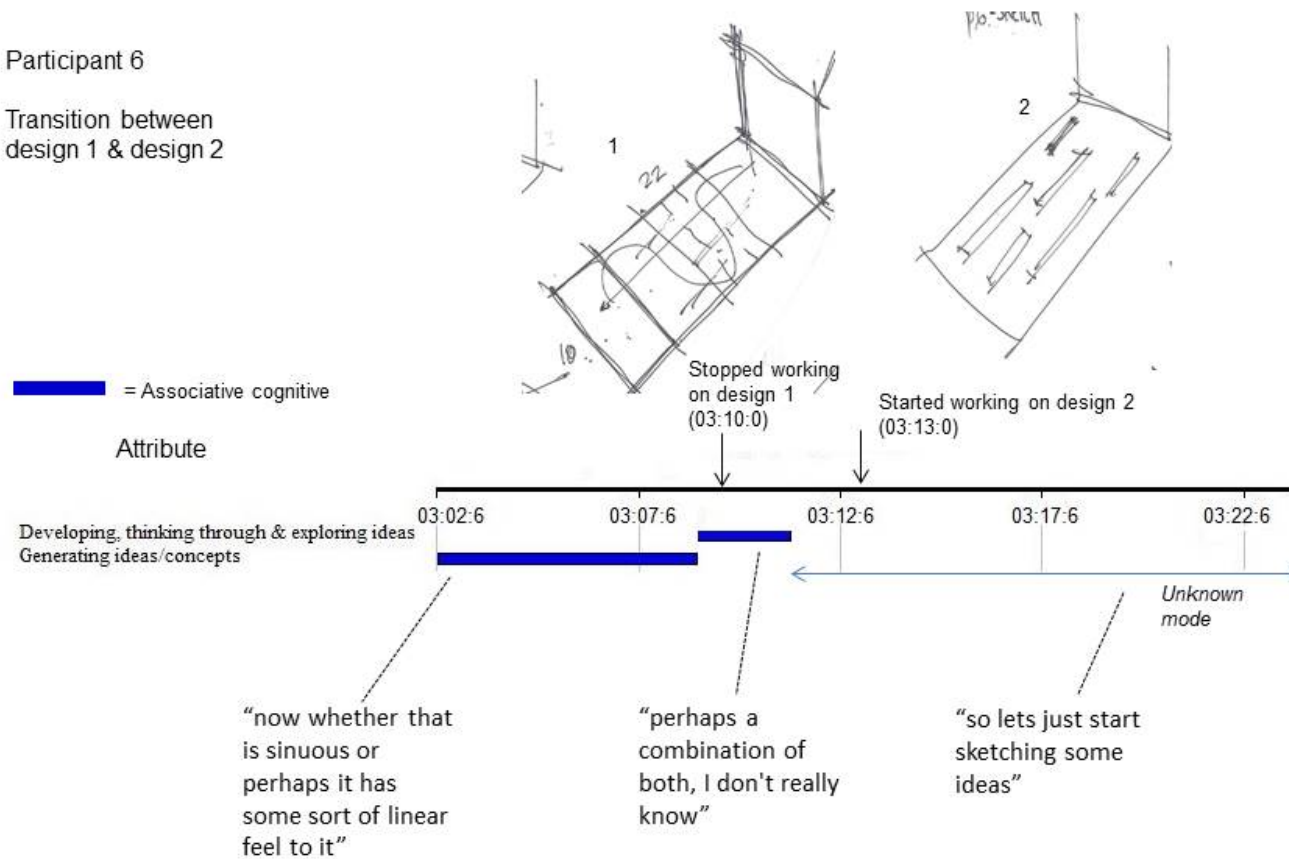
Started working on design 4
(15:50:6)

15:34:7 15:39:7 15:44:7 15:49:7 15:54:7 15:55:8

Unknown
mode

Participant 6

Transition between
design 1 & design 2



Participant 6

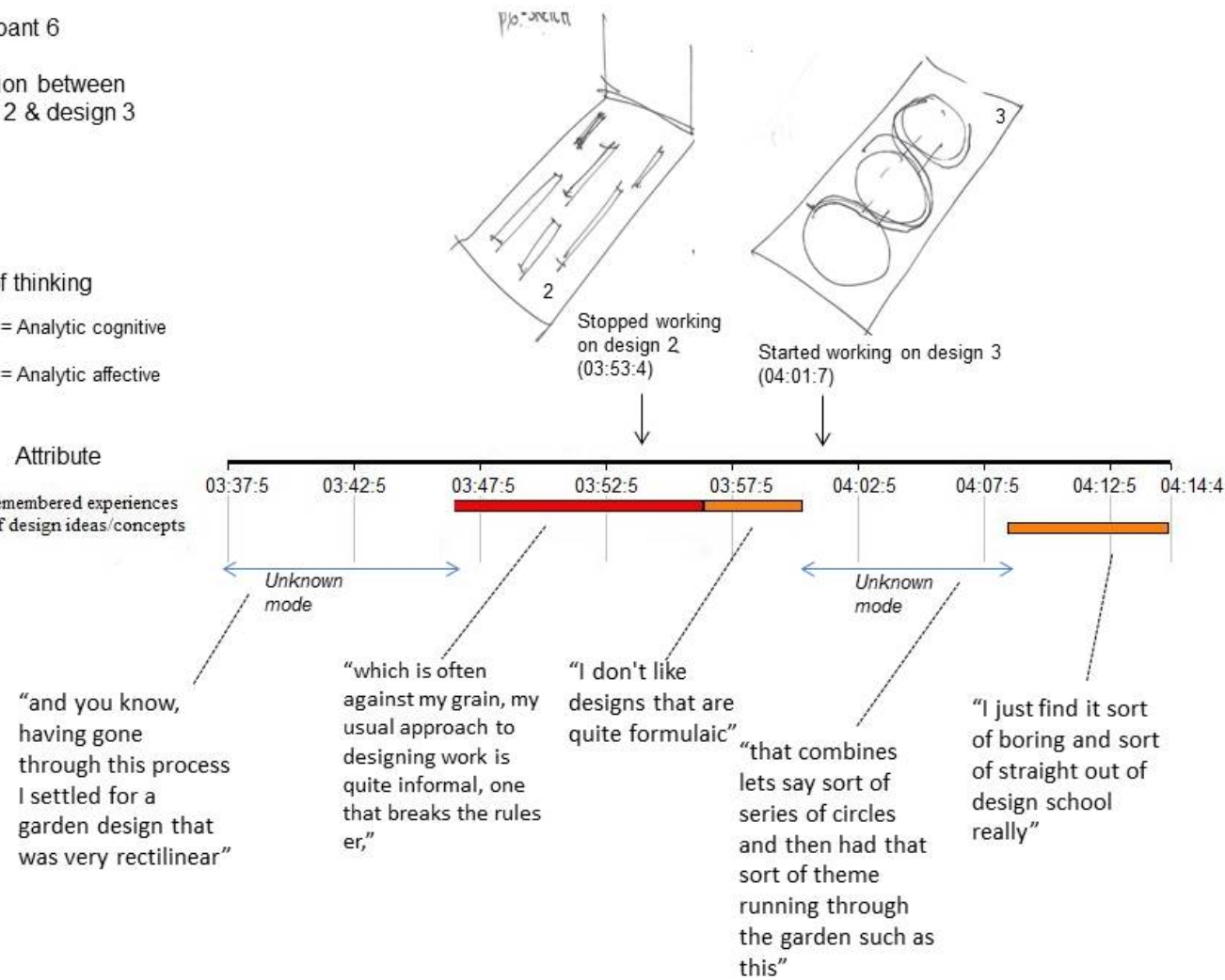
Transition between
design 2 & design 3

Mode of thinking

- = Analytic cognitive
- = Analytic affective

Attribute

Evaluating remembered experiences
Evaluation of design ideas/concepts



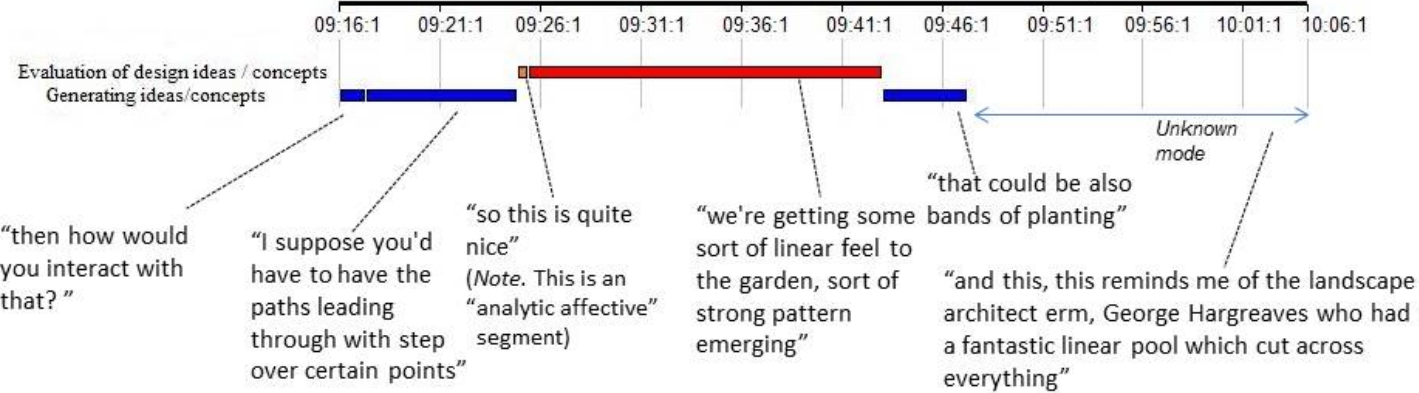
Participant 6

Transition between
design 1 & design 4

Mode of thinking

- = Associative cognitive
- = Analytic cognitive
- = Analytic affective

Attribute



Participant 6

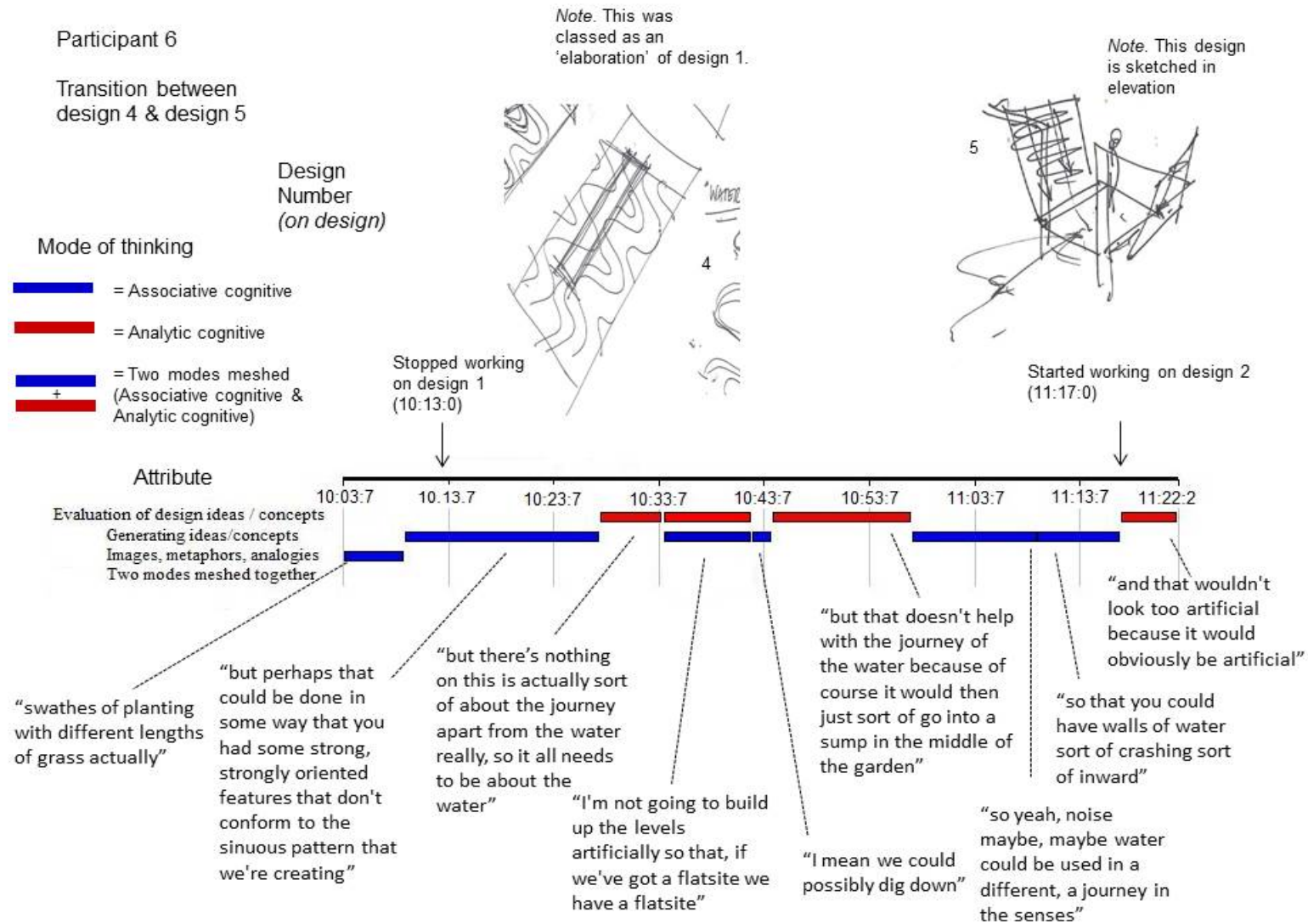
Transition between
design 4 & design 5

Design
Number
(on design)

Mode of thinking

- = Associative cognitive
- = Analytic cognitive
- = Two modes meshed
(Associative cognitive &
Analytic cognitive)

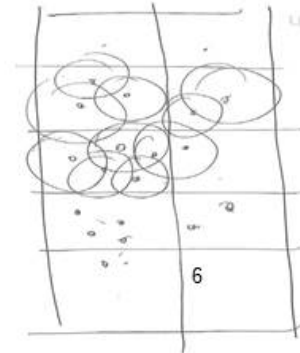
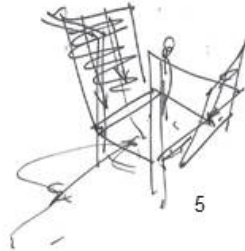
Attribute



Participant 6

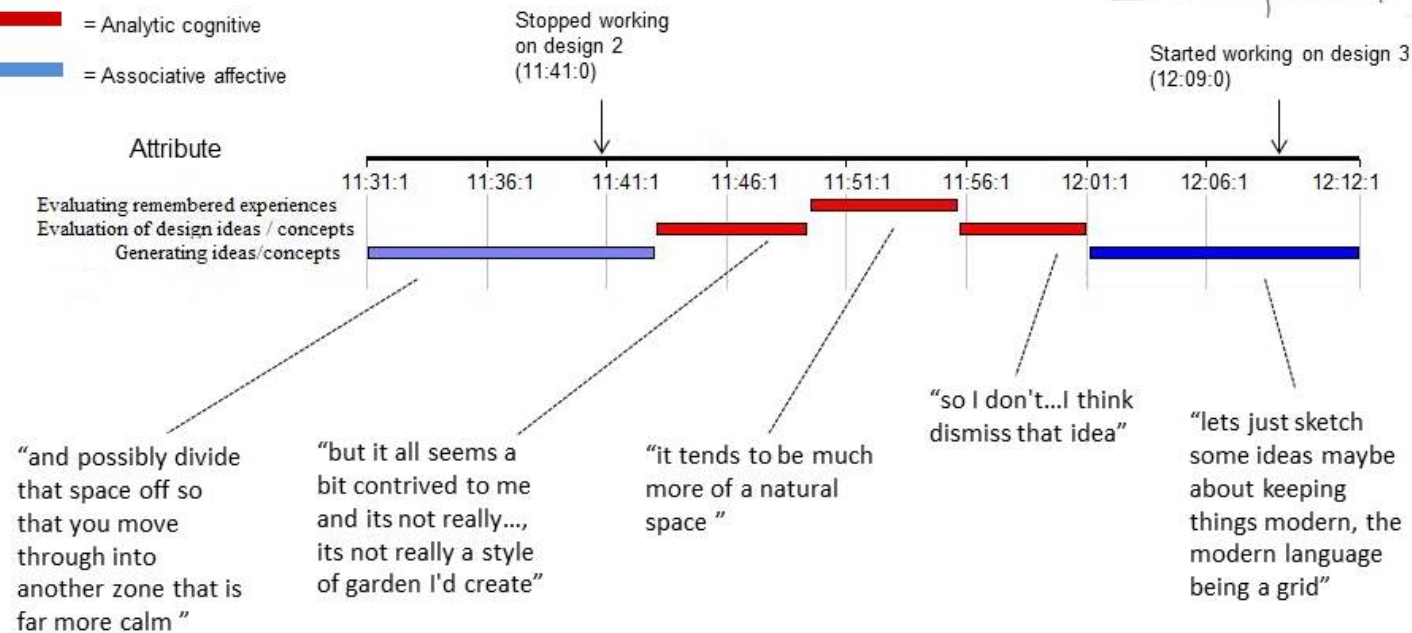
Transition between
design 5 & design 6

Design
Number
(on design)



Mode of thinking

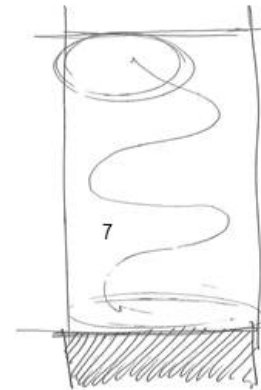
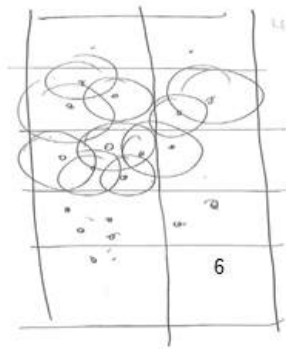
- = Associative cognitive
- = Analytic cognitive
- = Associative affective



Participant 6

Transition between
design 6 & design 7

Design
Number
(on design)



Note. This
indicates the
house.

Mode of thinking

- = Associative cognitive
- = Analytic cognitive

Attribute

Evaluation of design ideas / concepts
Generating ideas/concepts

12:21:9 12:31:9 12:41:9 12:51:9 13:01:9 13:11:9 13:21:9 13:29:1

Stopped working
on design 2
(12:54:0)

Started working on design 3
(13:20:4)

Unknown
mode

"but within those
grid[s] we could
have a random
element like trees
creating a forest
there"

"but whether that's
a usable garden I
don't know "

"ok I don't think
we're actually
dealing with the
usage of it at all"

"think what we
need to do is, is to
work out what it is
we've actually got
in the garden"

"and I think we need
to go back to basics
really with this with a
almost like a bubble
diagram to actually
work out what's
going where"

"so from the house
lets work on that
basis, this being the
house here"

(Note. This was classed as an 'elaboration' of design 4. Design 4 had a sinuous curve cut through with vertical lines. This is similar but the lines are in the horizontal plane)

Participant 6

Transition between
design 4 & design 8

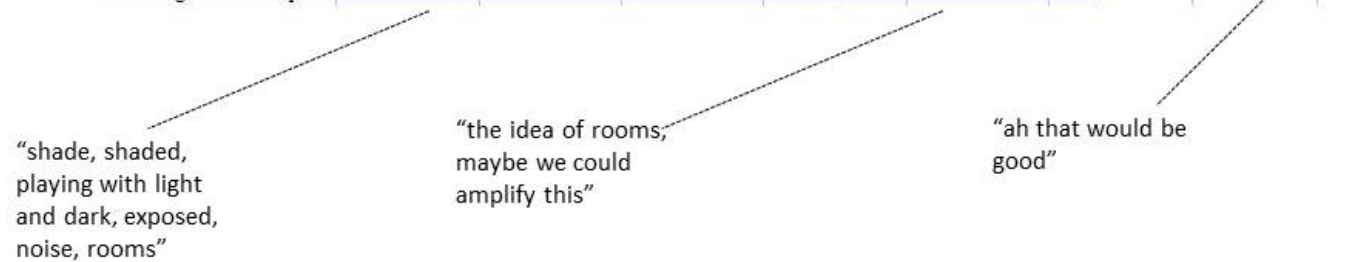
Mode of thinking

= Associative cognitive

= Analytic affective

Attribute

Evaluation of design ideas/concepts
Generating ideas/concepts



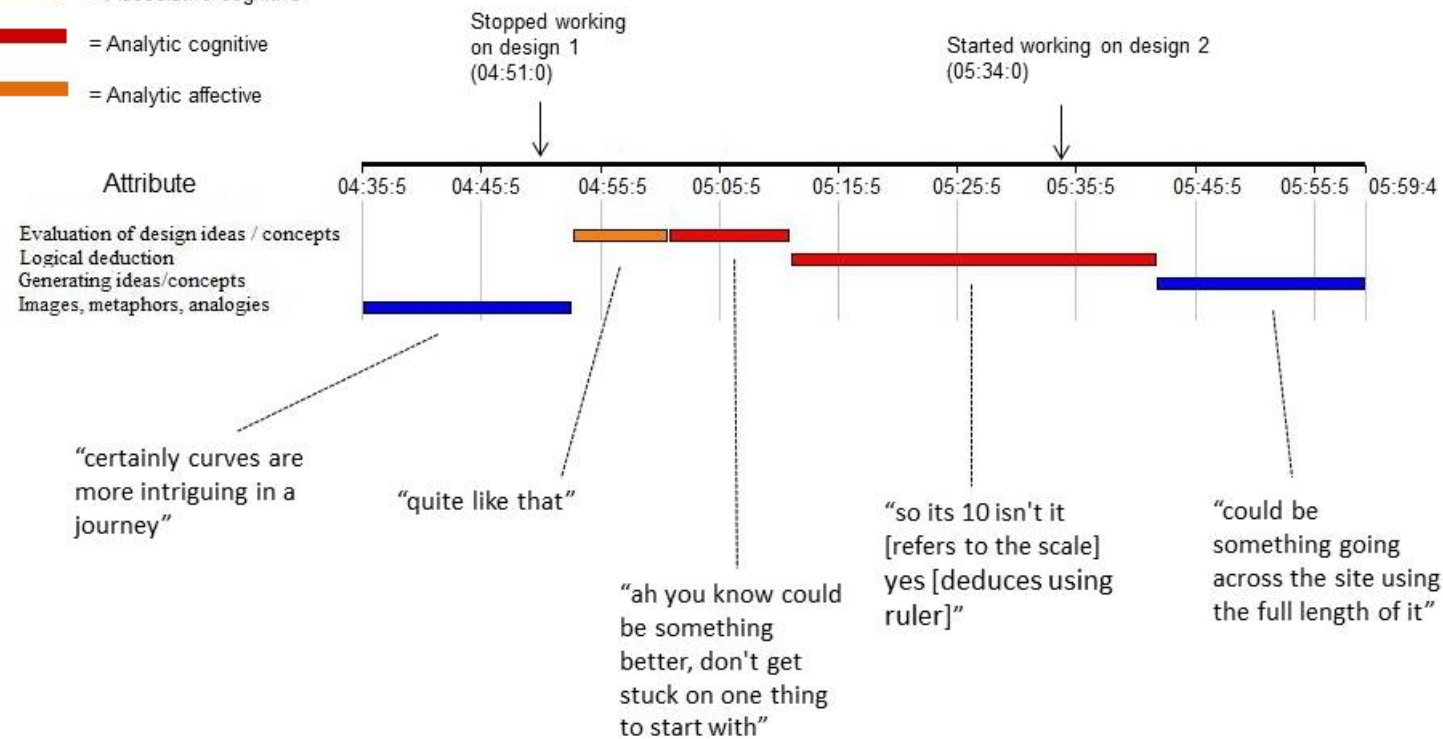
Participant 13

Transition between design 1 & design 2

(Note. Sketches of the designs produced by Participant 13 are not shown here as they did not grant permission to include their designs in this thesis)

Mode of thinking

- = Associative cognitive
- = Analytic cognitive
- = Analytic affective



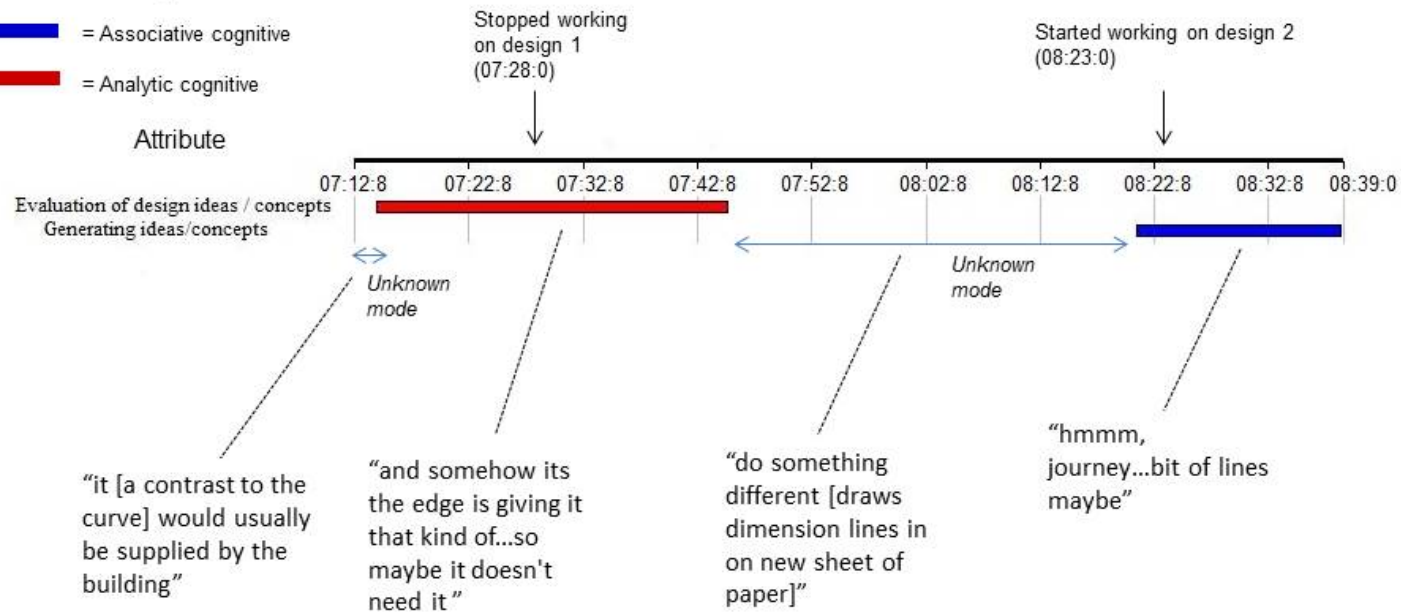
Participant 13

Transition between design 2 & design 3

(Note. Sketches of the designs produced by Participant 13 are not shown here as they did not grant permission to include their designs in this thesis)

Mode of thinking

- = Associative cognitive
- = Analytic cognitive



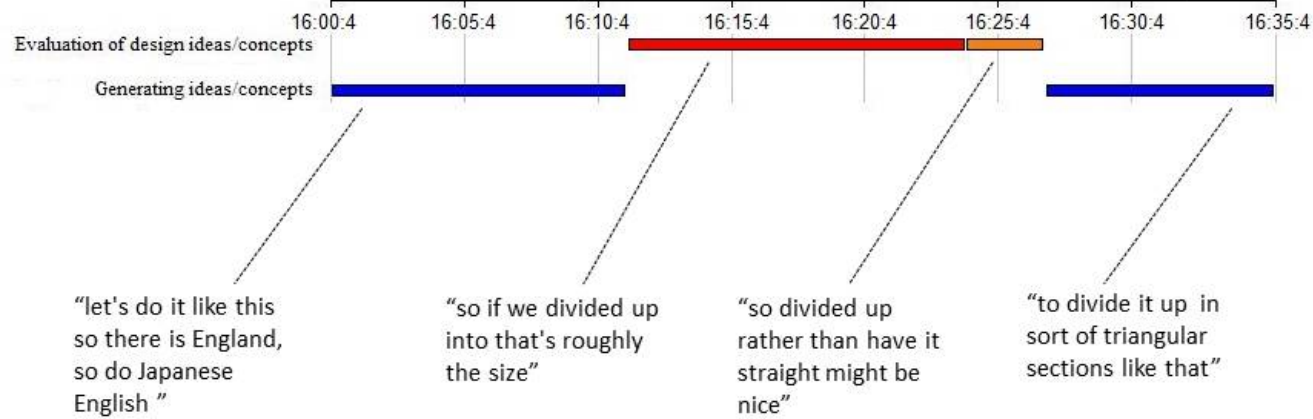
Participant 19

Transition between
design 1 & design 2

Mode of thinking

- = Associative cognitive
- = Analytic cognitive
- = Analytic affective

Attribute

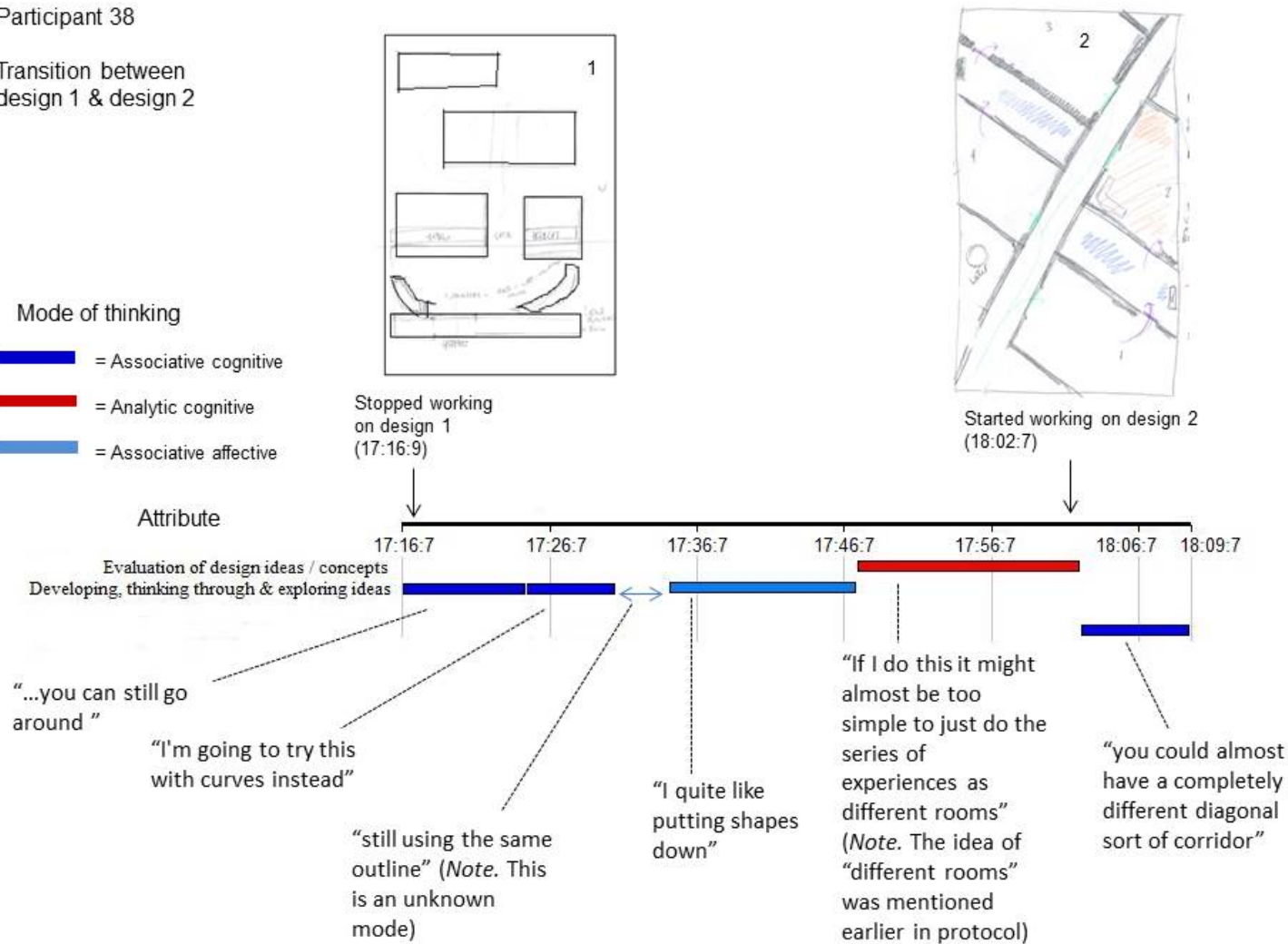


Participant 38

Transition between
design 1 & design 2

Mode of thinking

- = Associative cognitive
- = Analytic cognitive
- = Associative affective



Participant 38

Transition between design 2 & design 3

Mode of thinking

- = Associative cognitive
- = Analytic cognitive
- = Two modes meshed (Associative cognitive & Analytic cognitive)

Attribute

Evaluation of design ideas / concepts
Developing, thinking through & exploring ideas
Generating ideas/concepts

"and then if it was a summer garden you would have very hot colours in the west facing garden"

"so reds and oranges and greens"

"you could have a cooler one in the North"

"and the east facing garden quite hot in the summer"

"I can tell what I could see and what it would look like" (Note. This is an unknown mode)

"use a curve instead"

"so with the same principle of a diagonal journey on the garden"

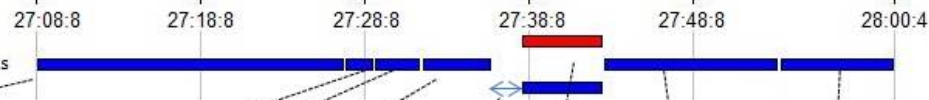
"but using a curved pathway that cuts the garden almost in half"



Stopped working on design 2 (27:27:6)



Started working on design 3 (27:53:4)



Participant 40

Transition between
design 1 & design 2



1



2

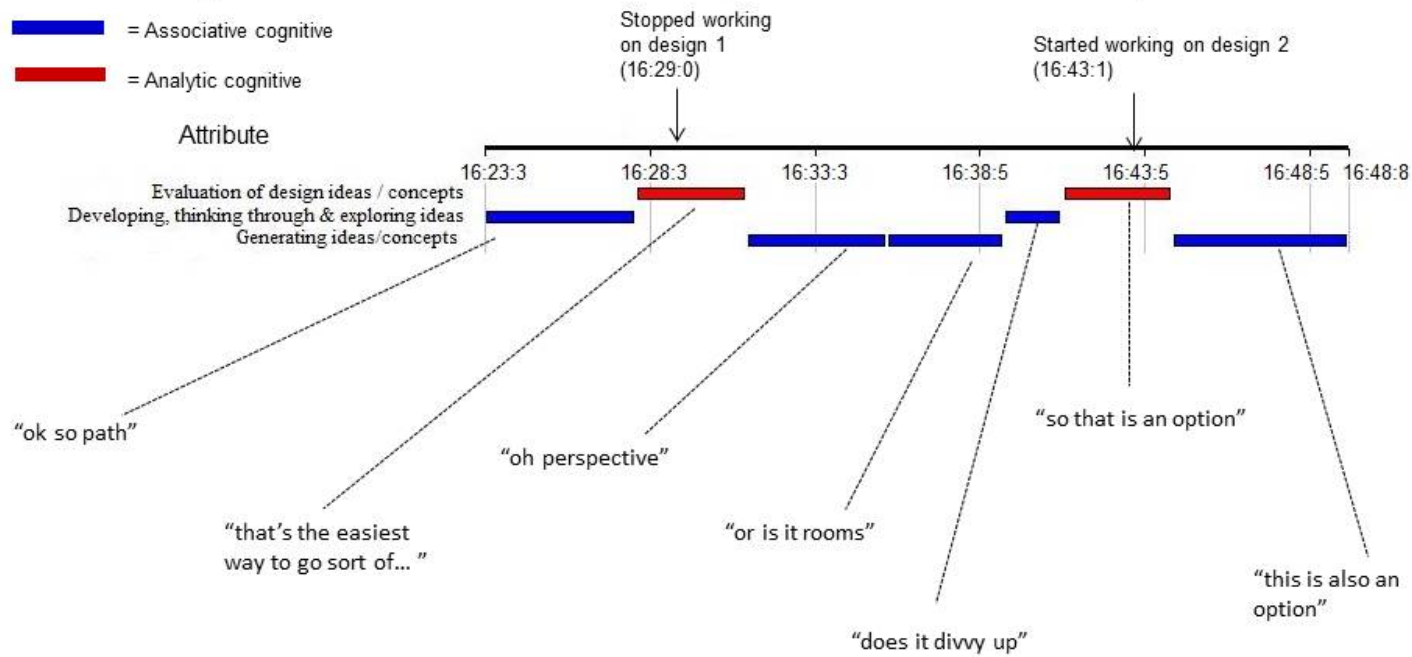
Mode of thinking

= Associative cognitive

= Analytic cognitive

Attribute

Evaluation of design ideas / concepts
Developing, thinking through & exploring ideas
Generating ideas/concepts

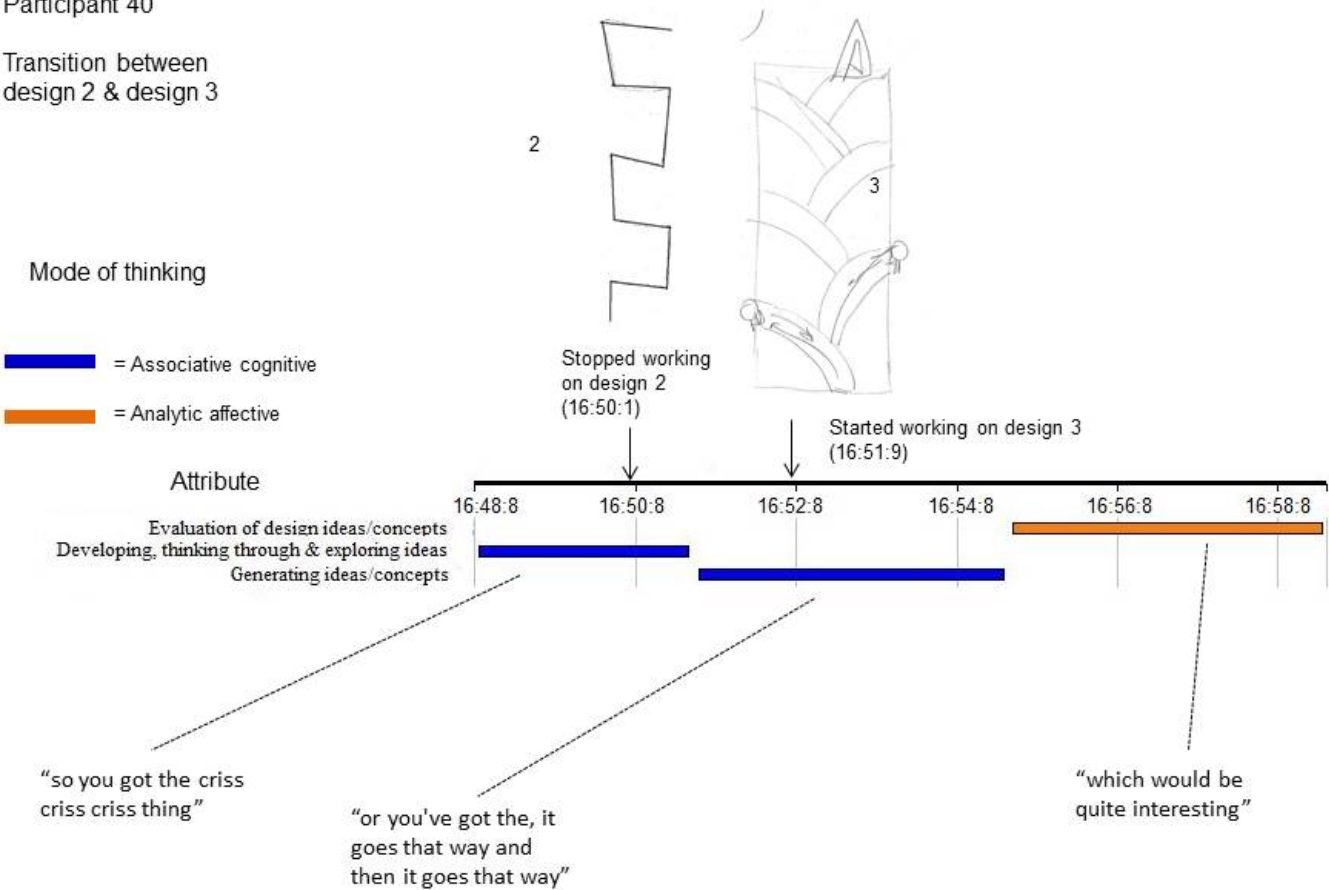


Participant 40

Transition between
design 2 & design 3

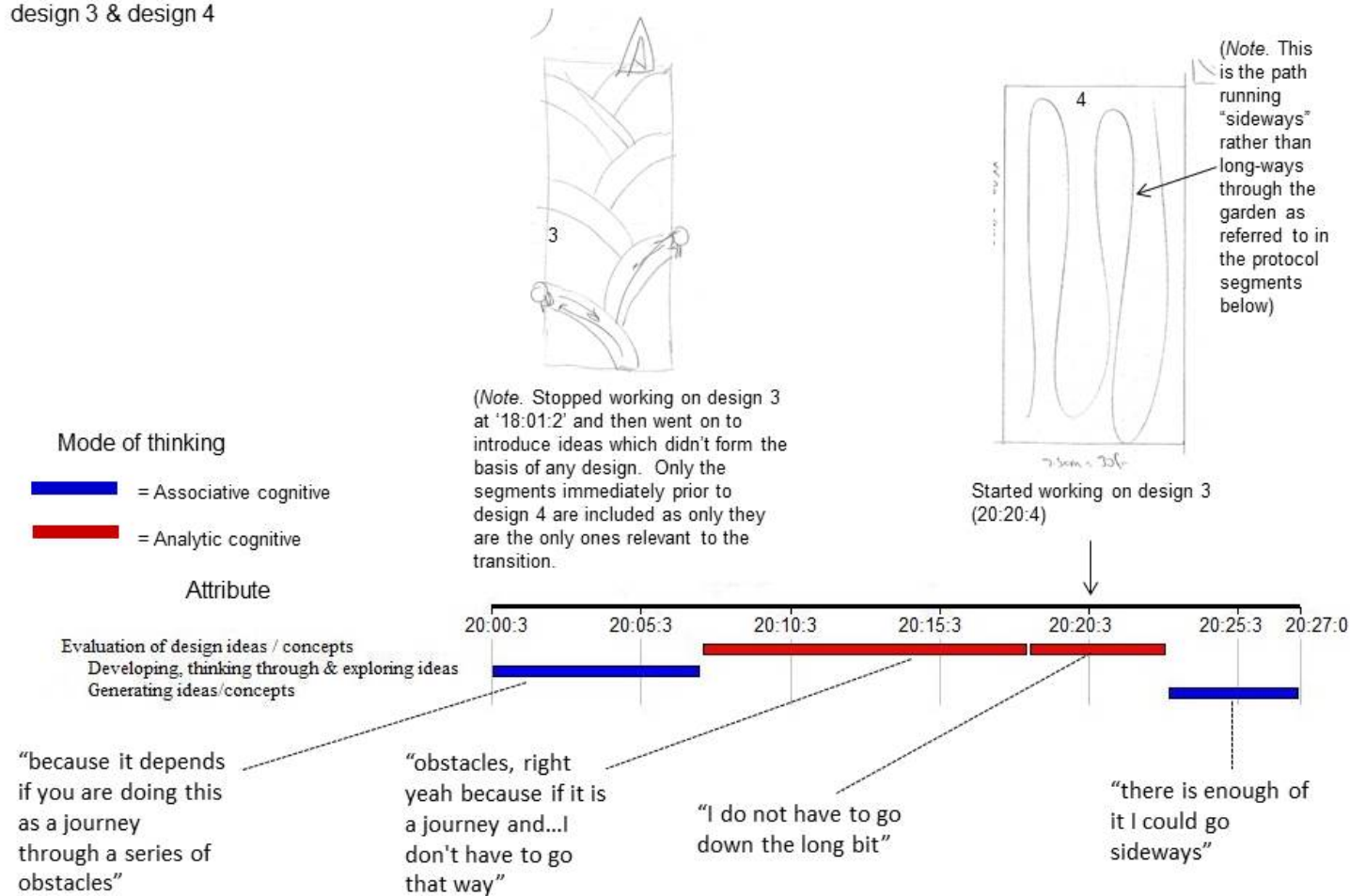
Mode of thinking

- = Associative cognitive
- = Analytic affective







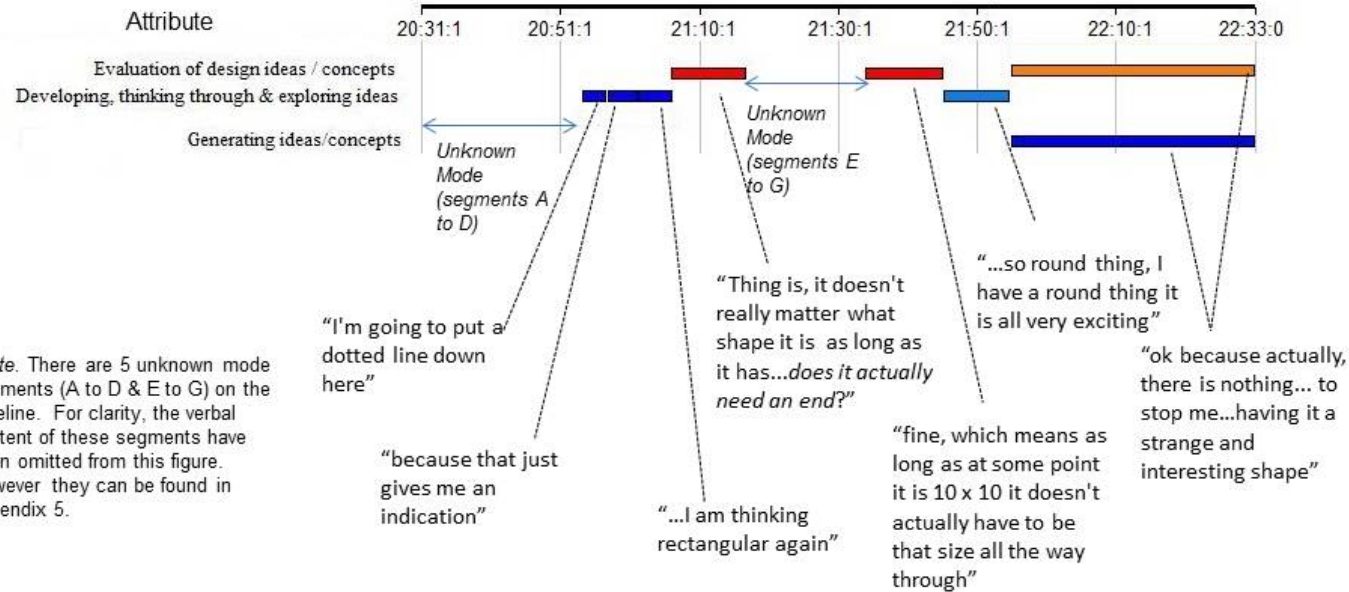
Participant 40

Transition between design 3 & design 4



Transition between
design 4 & design 5

 = Associative cognitive
 = Analytic cognitive
 = Analytic affective
 = Two modes meshed
 (Associative cognitive & Analytic affective)




Participant 40

Transition between
design 5 & design 6

Mode of thinking

 = Associative cognitive

 = Analytic cognitive

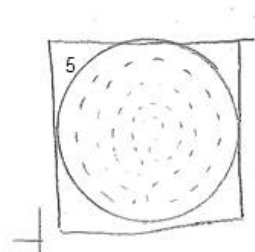
Attribute

Evaluation of design ideas / concepts
Generating ideas/concepts

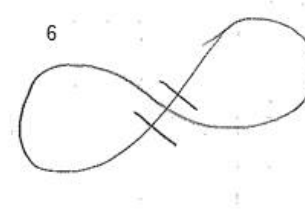
"which could be
something along the
lines of that if I
wanted to"

"but why, nah"

"or the endless loop
thing"



Stopped working
on design 5
(22:39:9)



Started working on design 6
(22:50:2)

