

Appendix 8 (a)

**Designing a Child-friendly
Outdoor Public Playground
For Children Aged from 4 to 8 Years**

On the Nordbahntrasse, in Wuppertal

Through Co-creation Mindset

Neda Batenipour

Appendix 8 (a)

**Presenting Final Ideas, Concepts, & Designs
For Playground Equipment and Settings
Presenting Final Whole Design
As A Child-friendly Playground
On the Nordbahntrasse, In Wuppertal**

**The author and designer:
Neda Batenipour**

In this file (Appendix 8 (a)), most photos of each playground zones ('Peace under Sky', 'Sense of Sea', 'Hill of Flying Balls', 'Tree of Adventure', and 'Clouds of Joy') are presented with playground space as background (in such a way that they are placed on the playground).

Plan of Future Playground and Parkour-Park



Plan of the Future Playground and its Play Zones

**Name of main
playground
settings/zones in
the future
playground:**

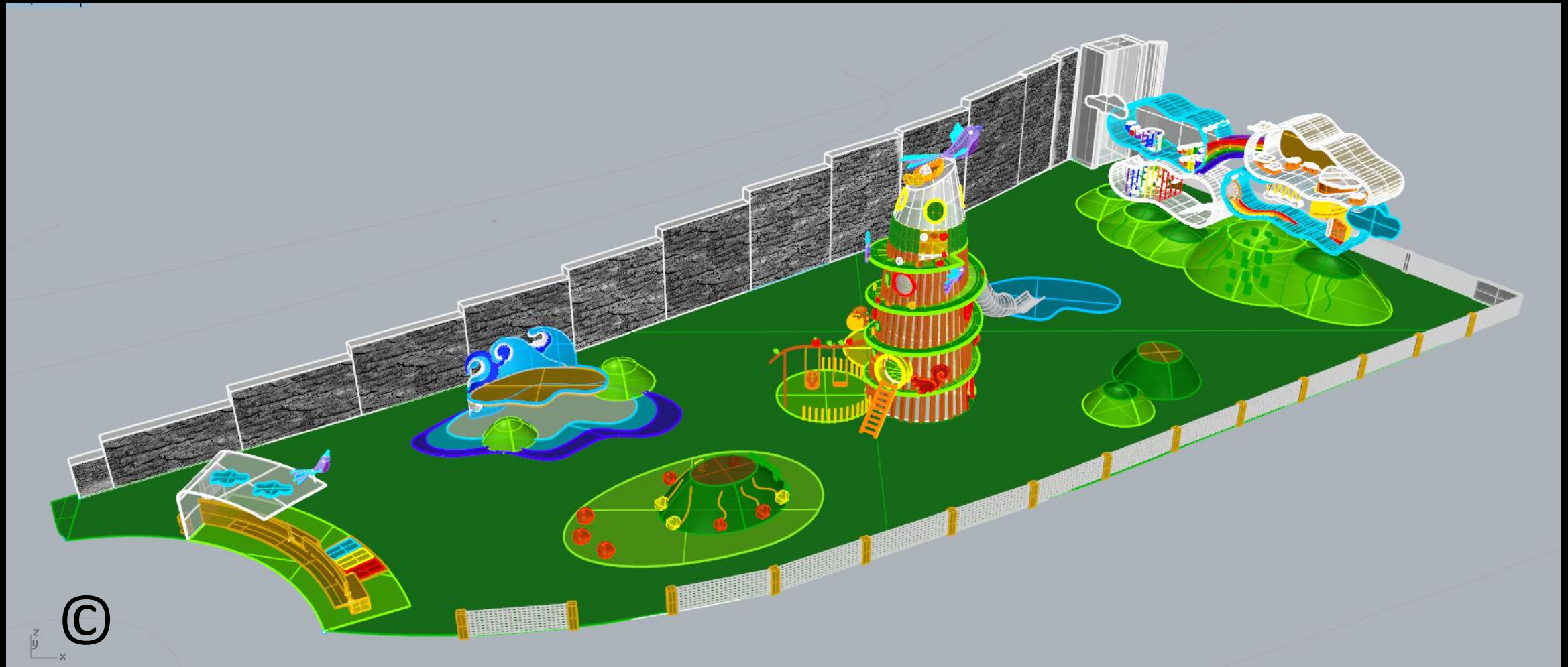
1. Zone No. 1 called
“Peace under Sky”
2. Play Zone No. 2 called
“Sense of Sea”
3. Play Zone No. 3 ‘Hill of
Candies’
4. Play Zone No. 4 ‘Tree of
Adventure’
5. Play Zone No. 4 ‘Clouds
of Joy’.



The Perspective View of Future Playground and its Play Zones and Playground Equipment



The Perspective View of the Future Playground

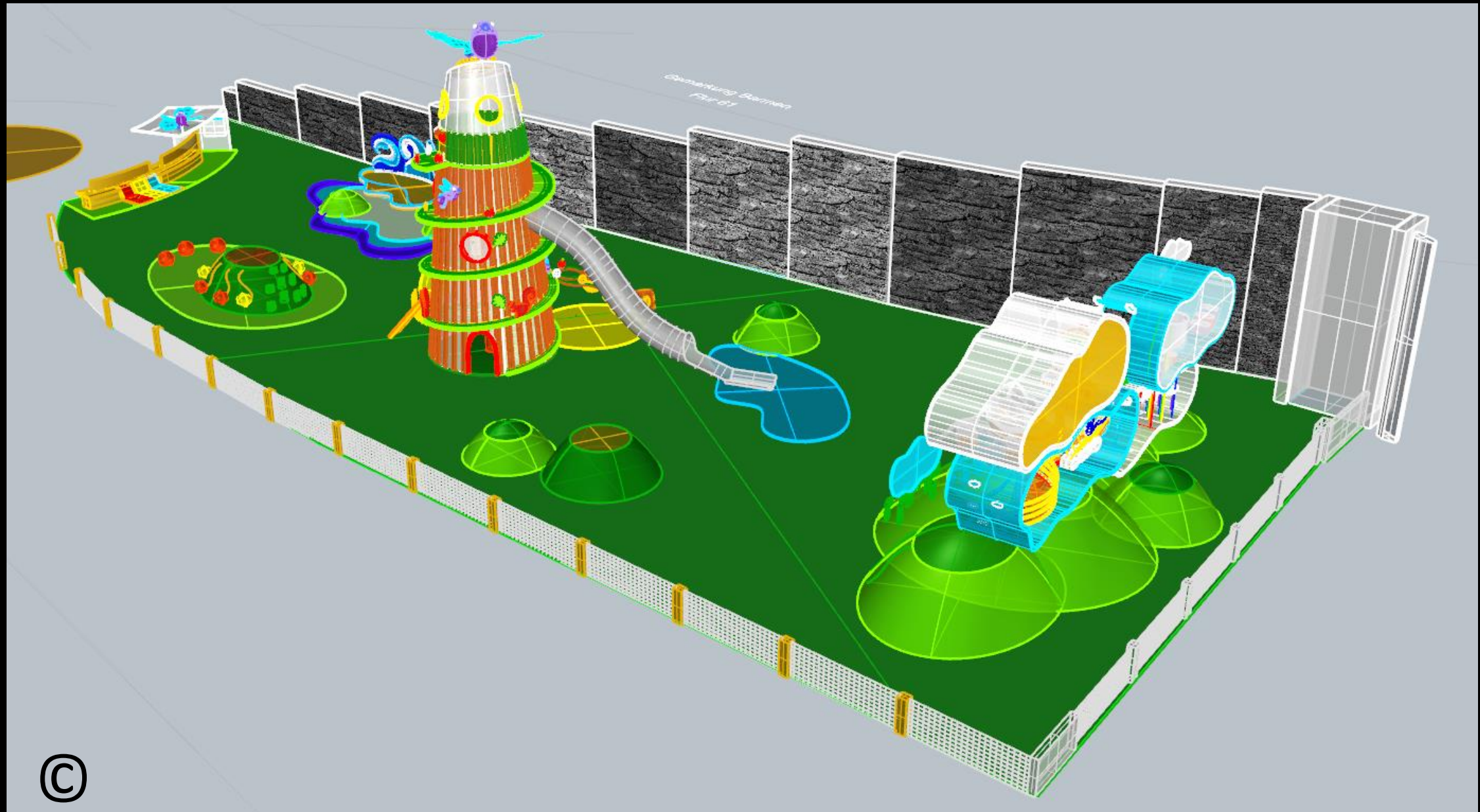


The Perspective View of the Future Playground



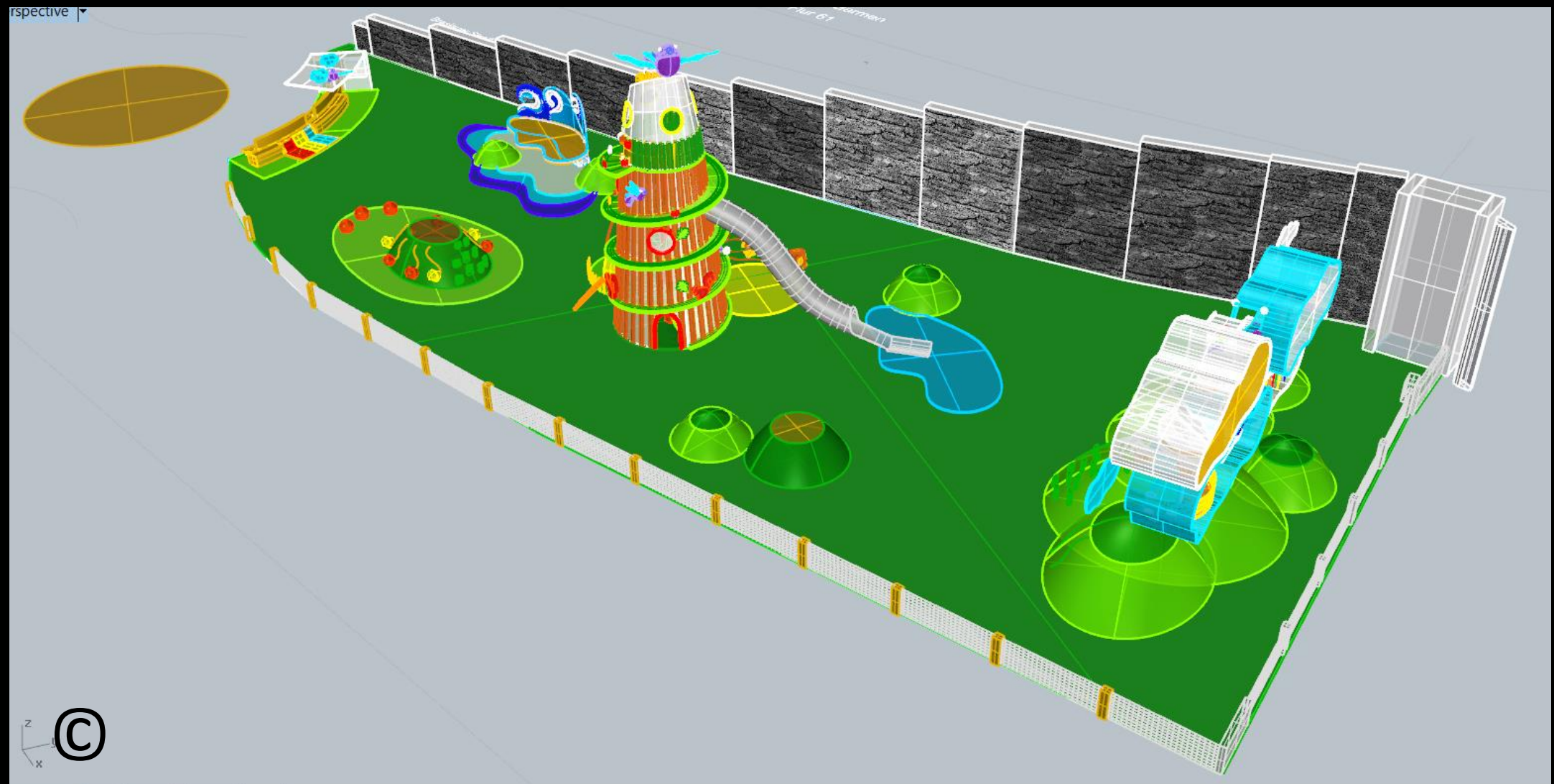
Designer: Neda Batenipour

The Perspective View of the Future Playground

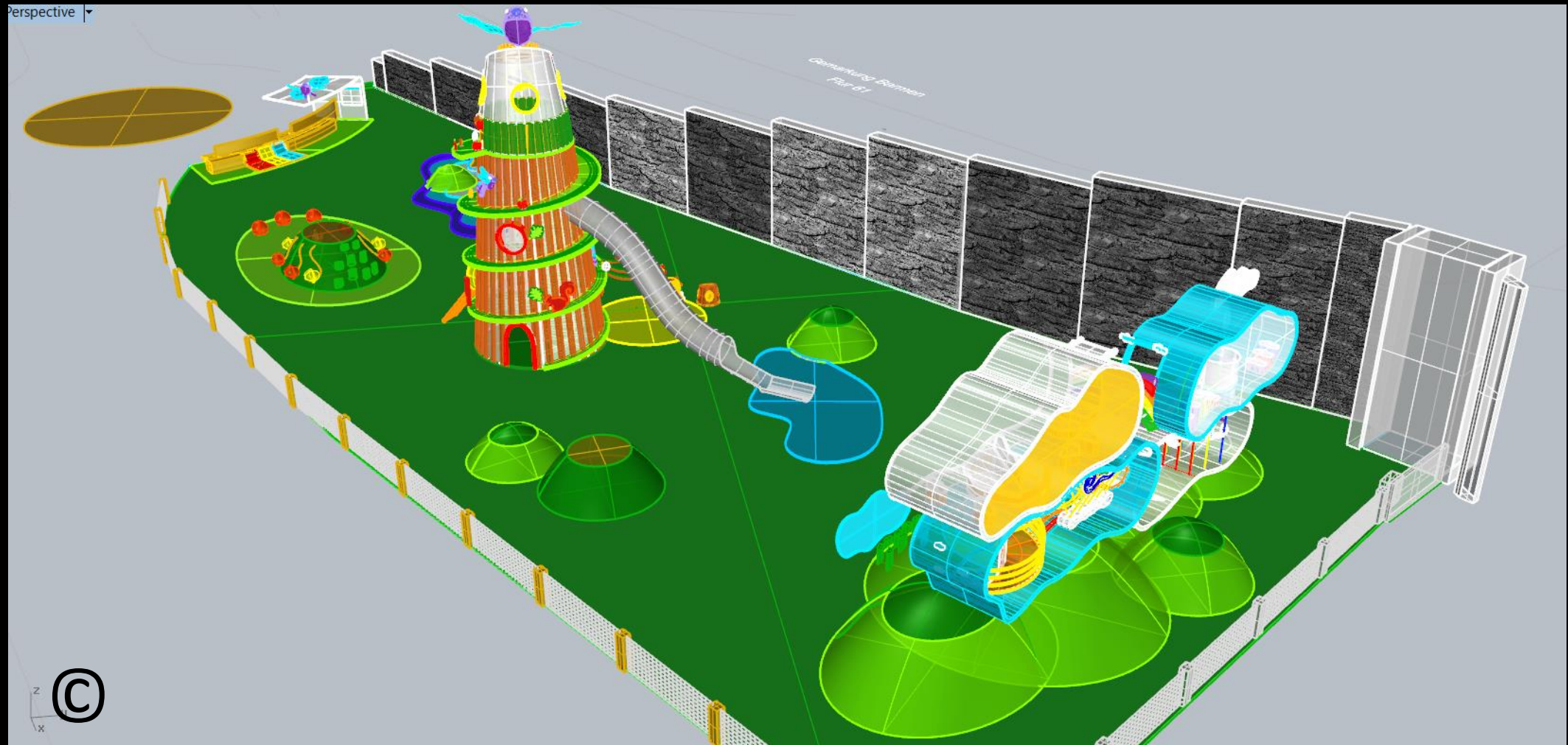


Designer: Neda Batenipour

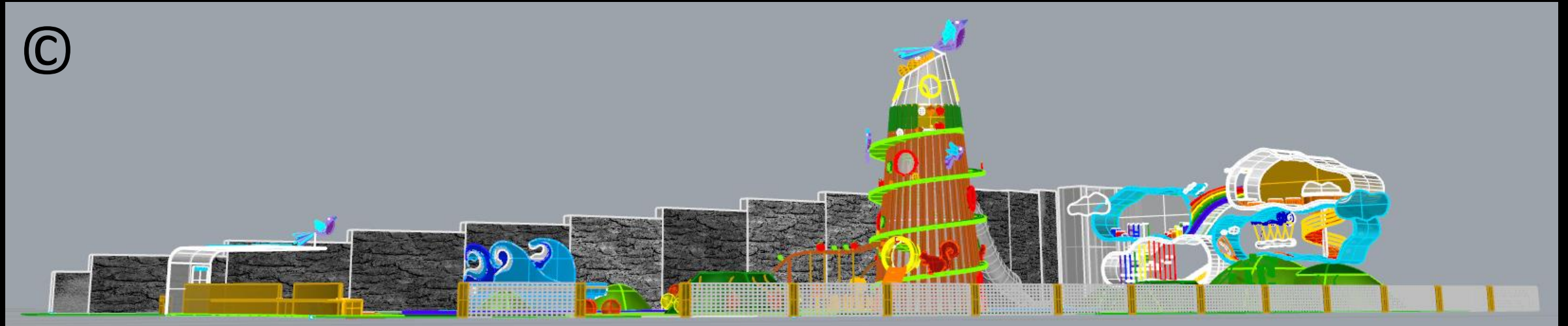
The Perspective View of the Future Playground



The Perspective View of the Future Playground



The Front View of the Future Playground



Final Version of the Plan with Some Changes

In this version, a few design changes were made during evaluation phase:

a.

Some changes were made to the seating area 'Peace under Sky': -

- a wall was installed between this arched space to create a more covered (roofed) space for rainy, windy, and sunny days.
- a small bench was added at the end of the arched bench to offer more seating space to users and let them look at each other easily while talking.
- instead of one trash can, *three* trash cans (recycling bins) were installed for different types of trash (supporting recycling system).

b.

In the area of 'Sense of Sea', a palm-shaped spinner was installed near the sand table. Also, a turtle-shaped element was installed near the sand the table which let small children easily climb to access the sand table and sit on that for playing. The palm and turtle make the area more beautiful and enjoyable to use.

c.

Besides 'Peace under Sky' which is a seating area near the entrances of playground, another seating area was designed and installed between 'Tree of Adventure' and 'Clouds of Joy' so that parents can see their children playing on the other side of the playground.

Final Version of the Plan with Some Changes



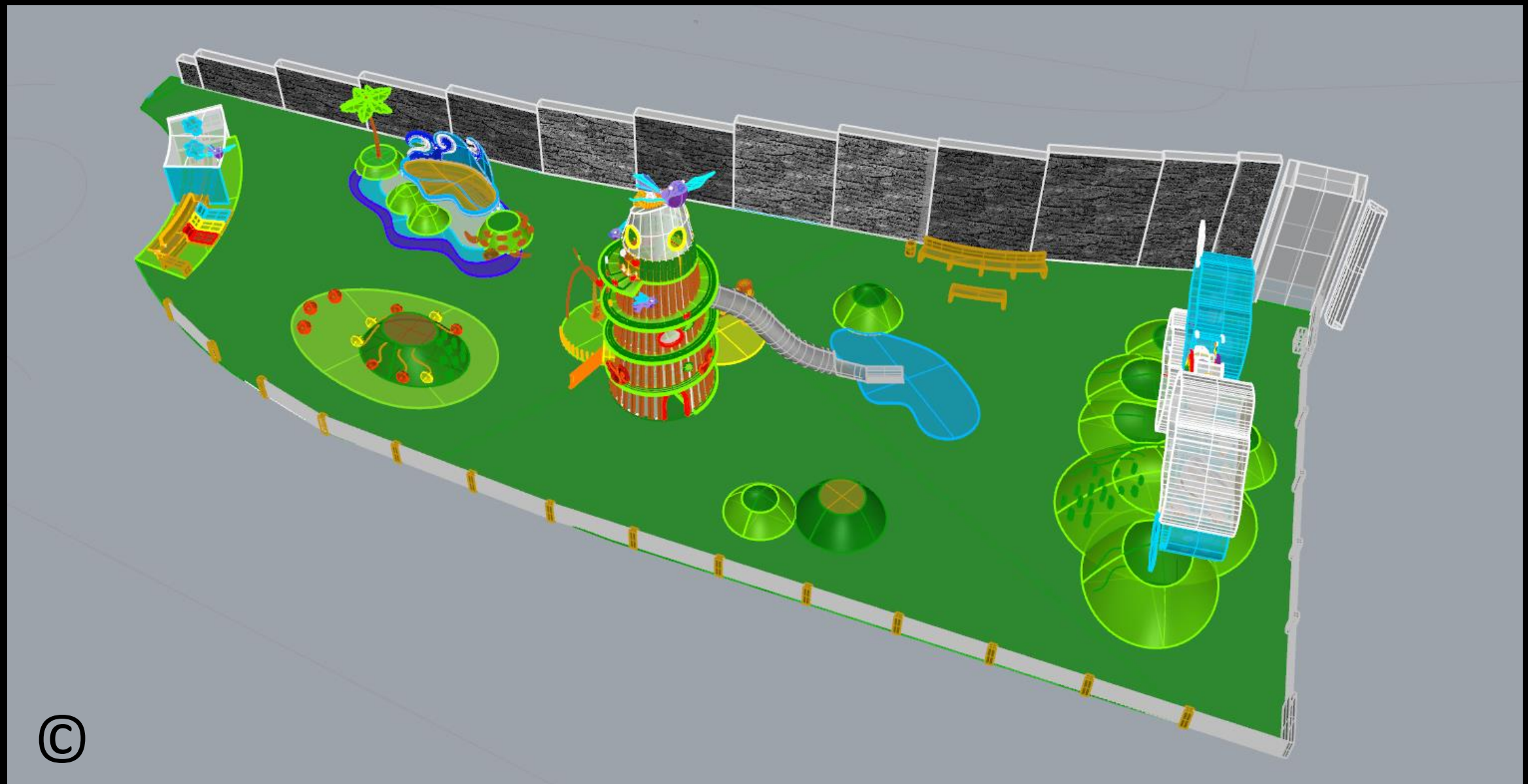
Final Version of the Plan with Some Changes



Final Version of the Plan with Some Changes

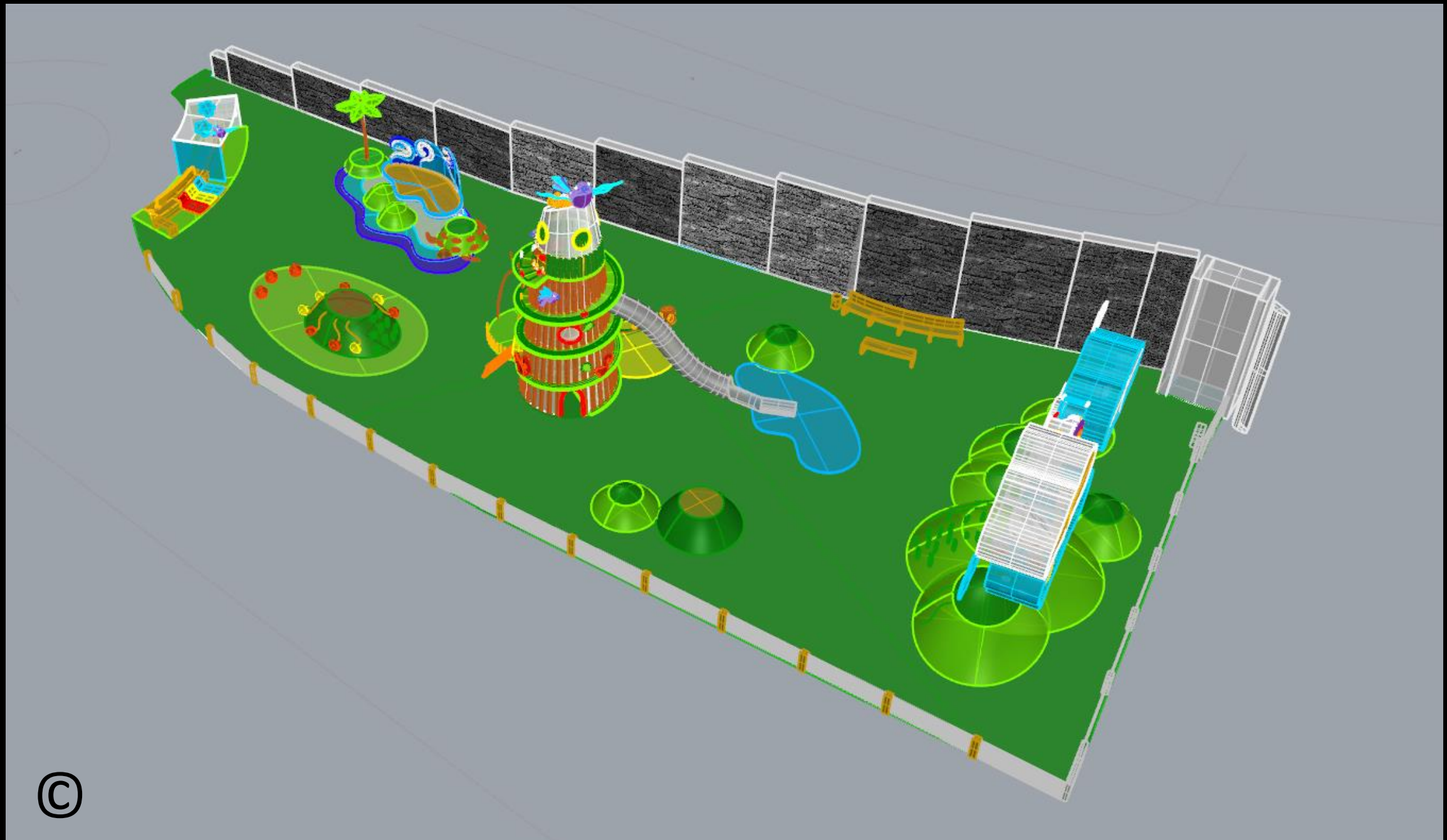


Final Version of the Plan with Some Changes



Designer: Neda Batenipour

Final Version of the Plan with Some Changes

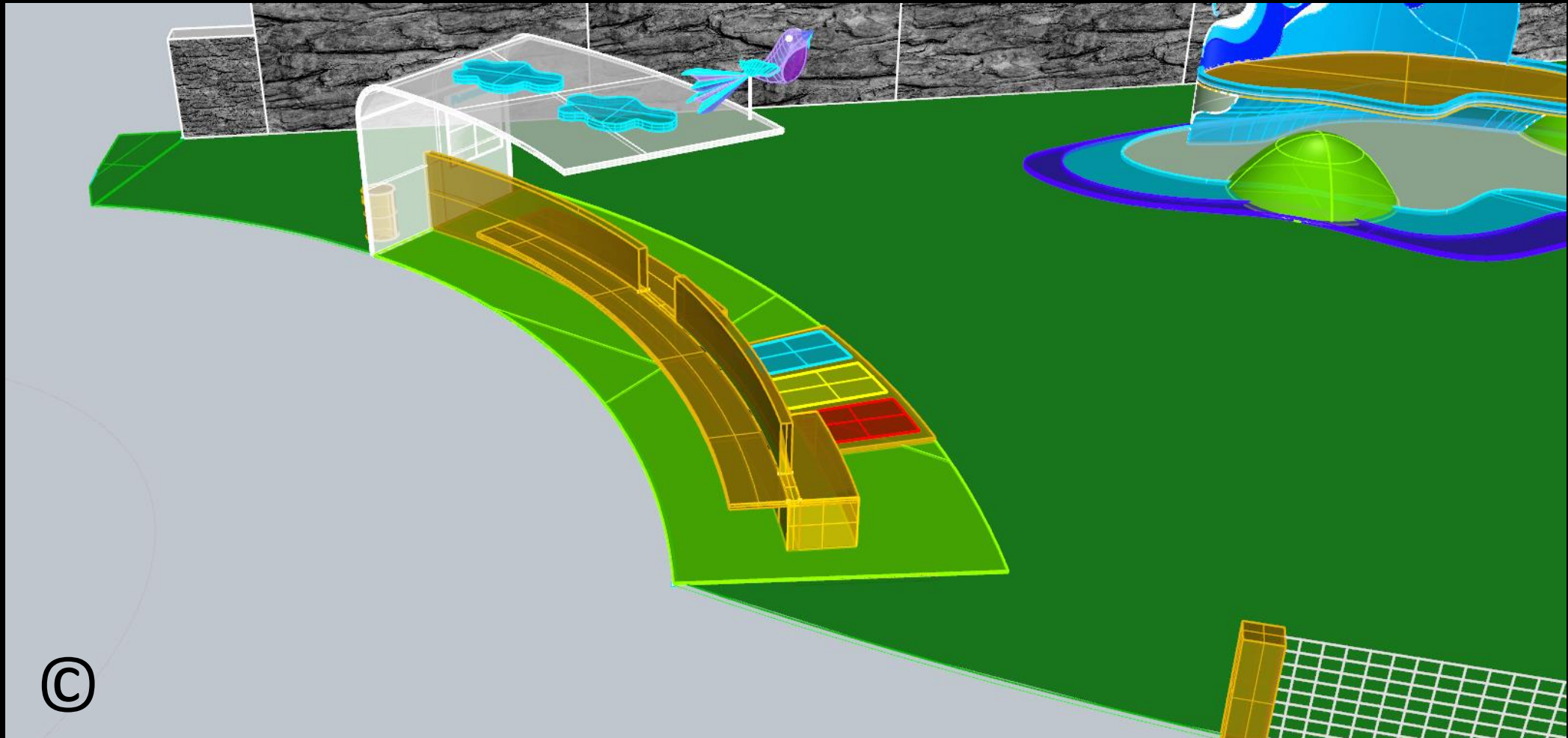


Final Version of the Plan with Some Changes

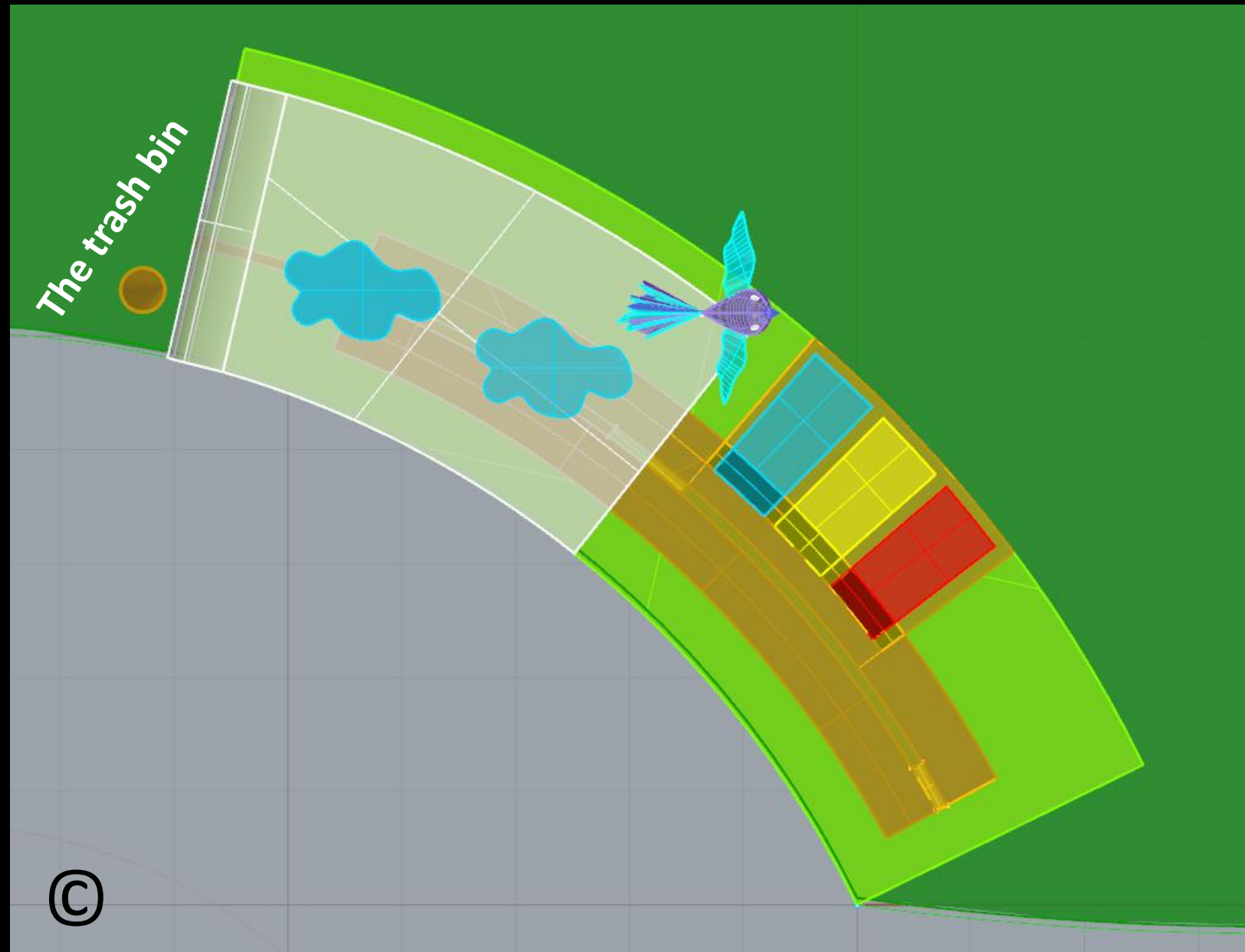


**Play Zone No. 1
called
“Peace under Sky”
(in different models)**

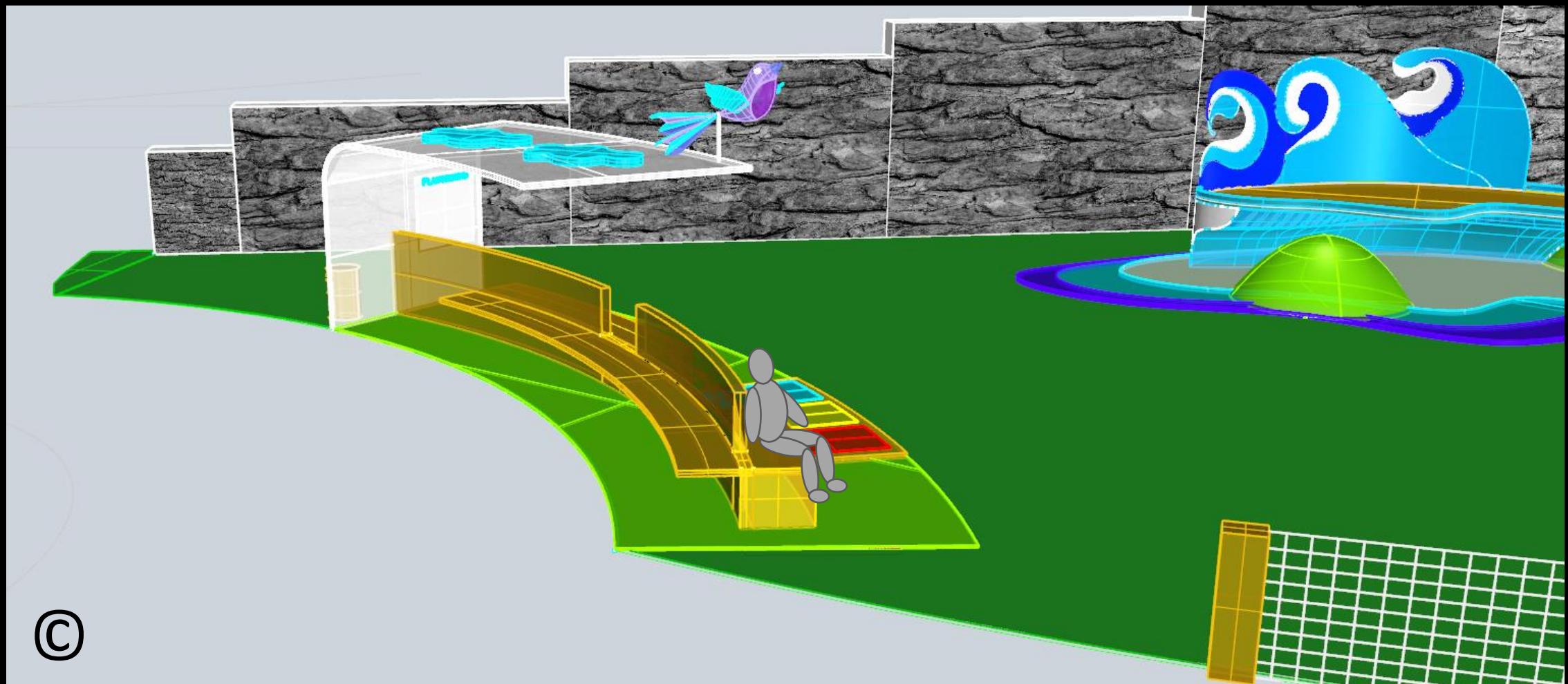
1. Play Zone No. 1 called “Peace under Sky” (first model)
(first model is without middle wall and without the cross-wise bench at the end of the curved bench)



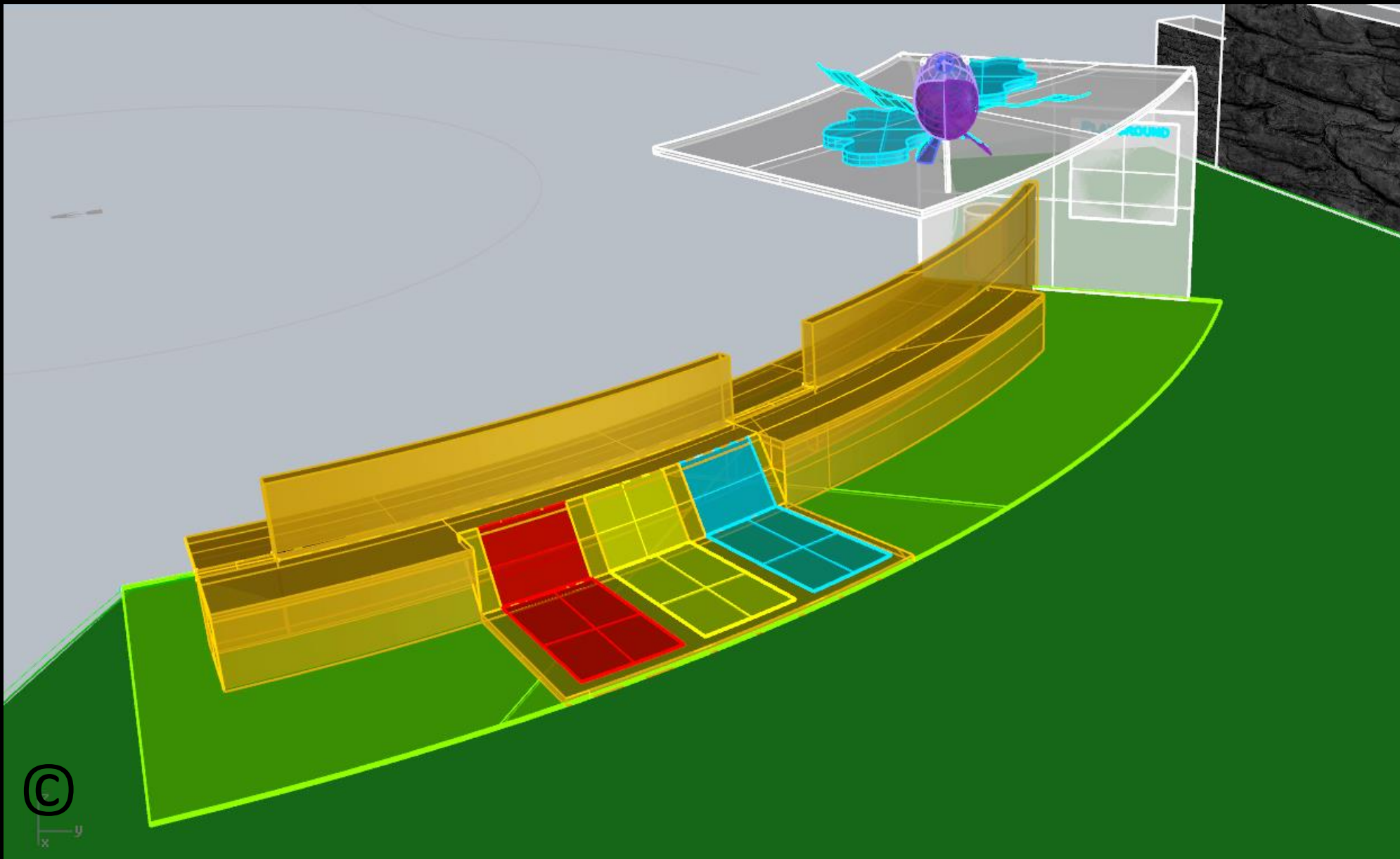
1. Play Zone No. 1 called “Peace under Sky” (first model)



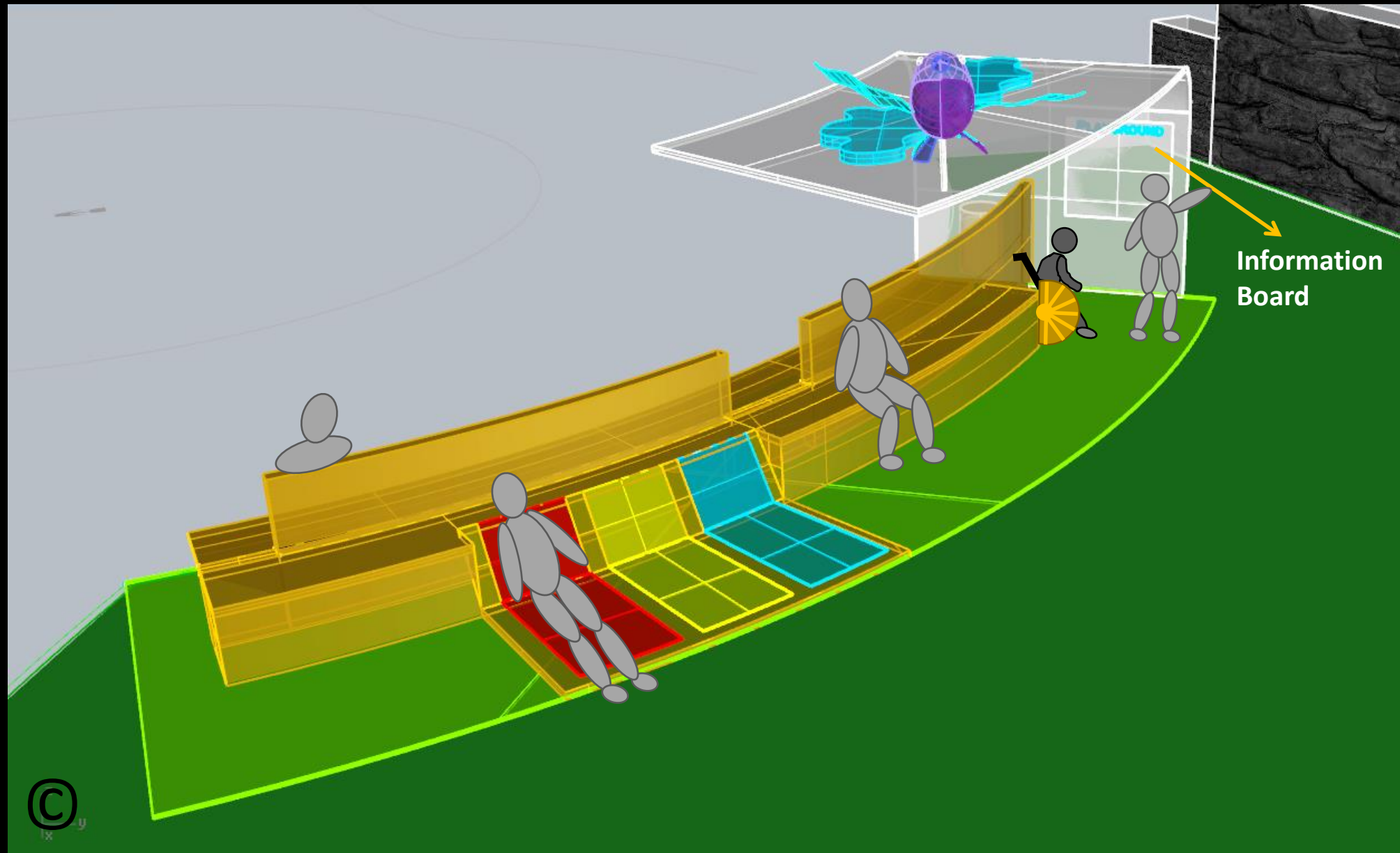
1. Play Zone No. 1 called “Peace under Sky” (first model)



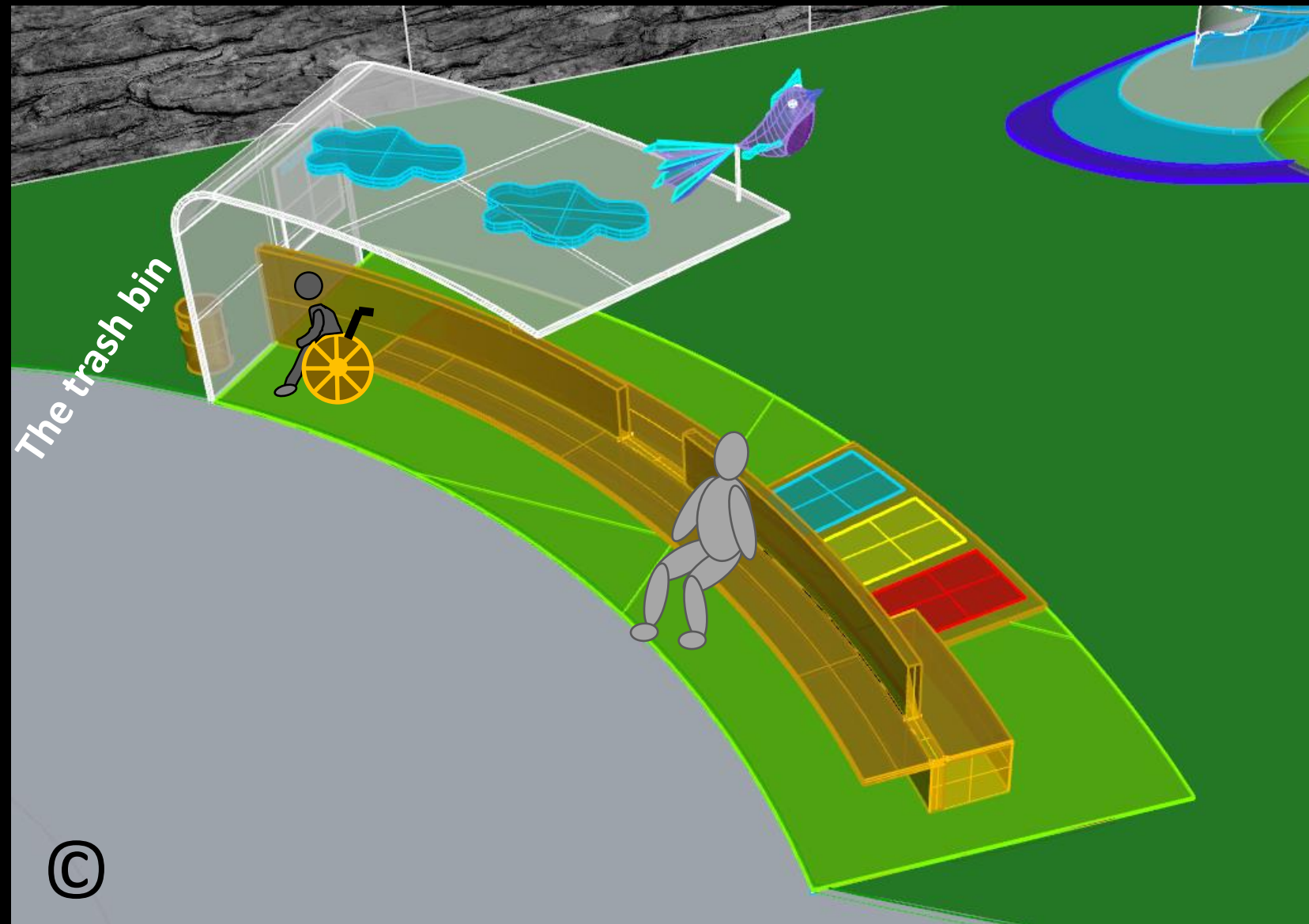
1. Play Zone No. 1 called “Peace under Sky” (first model)



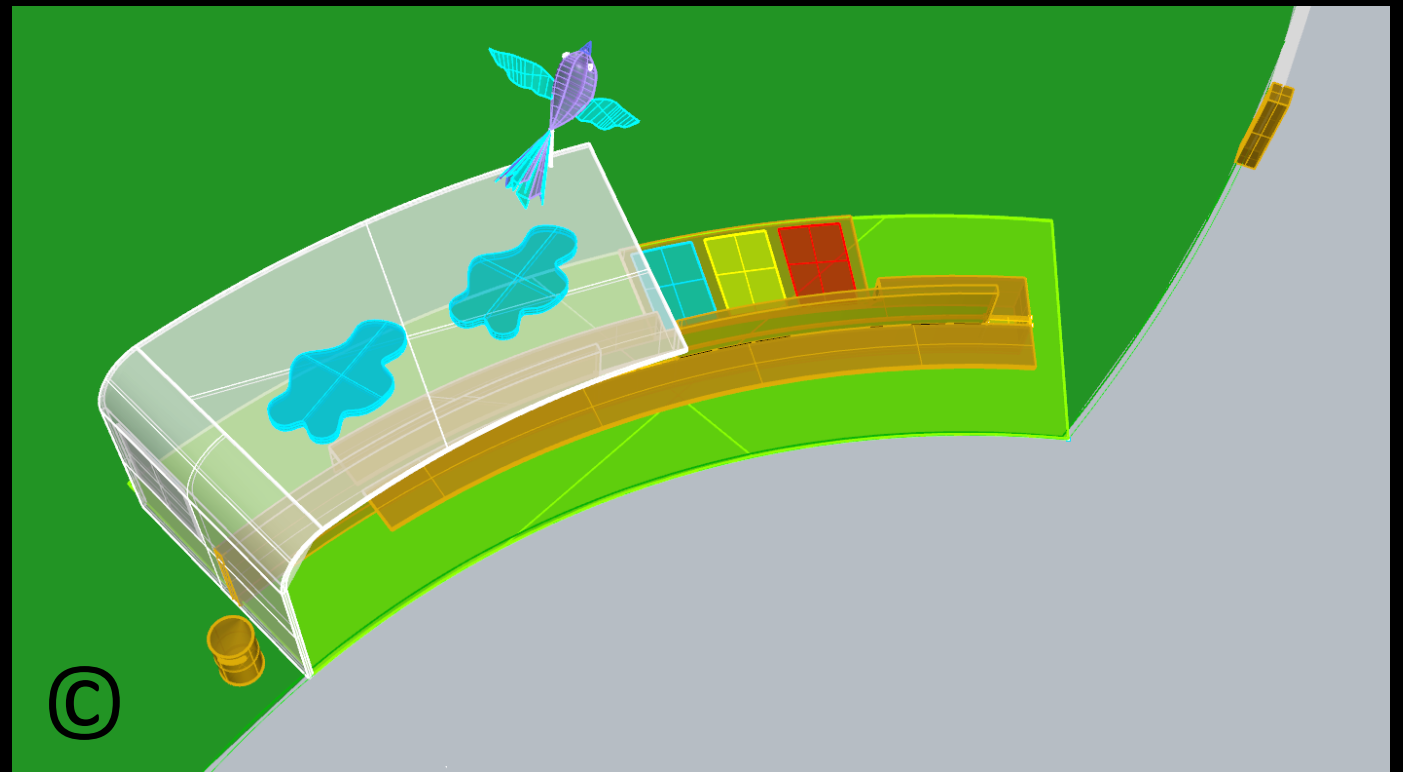
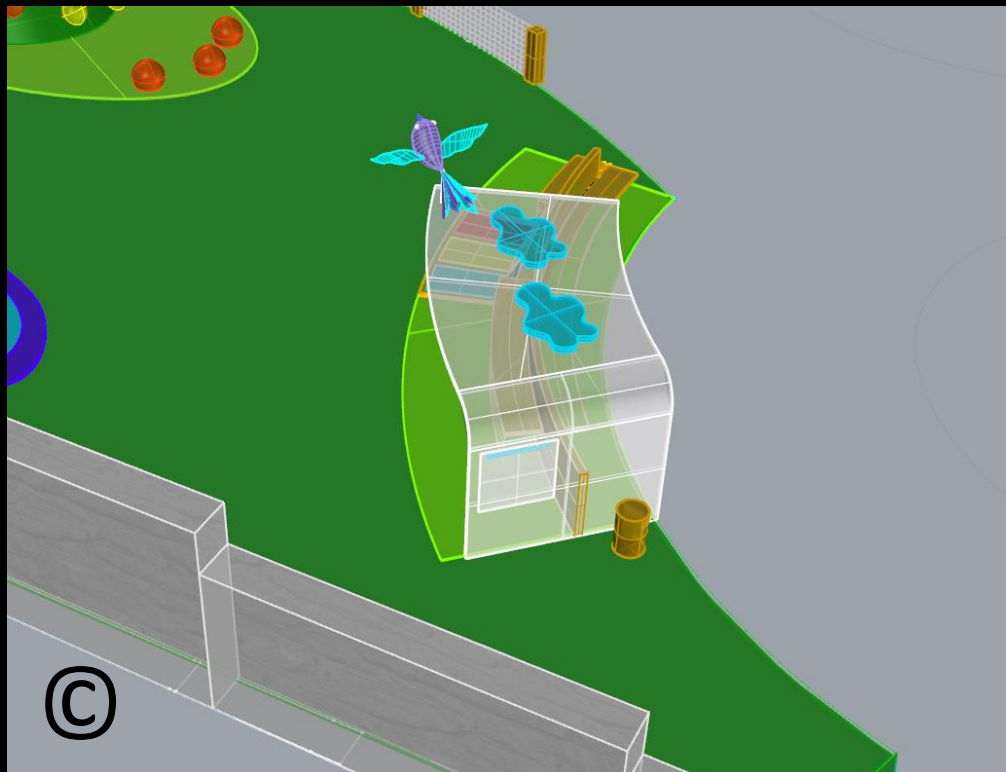
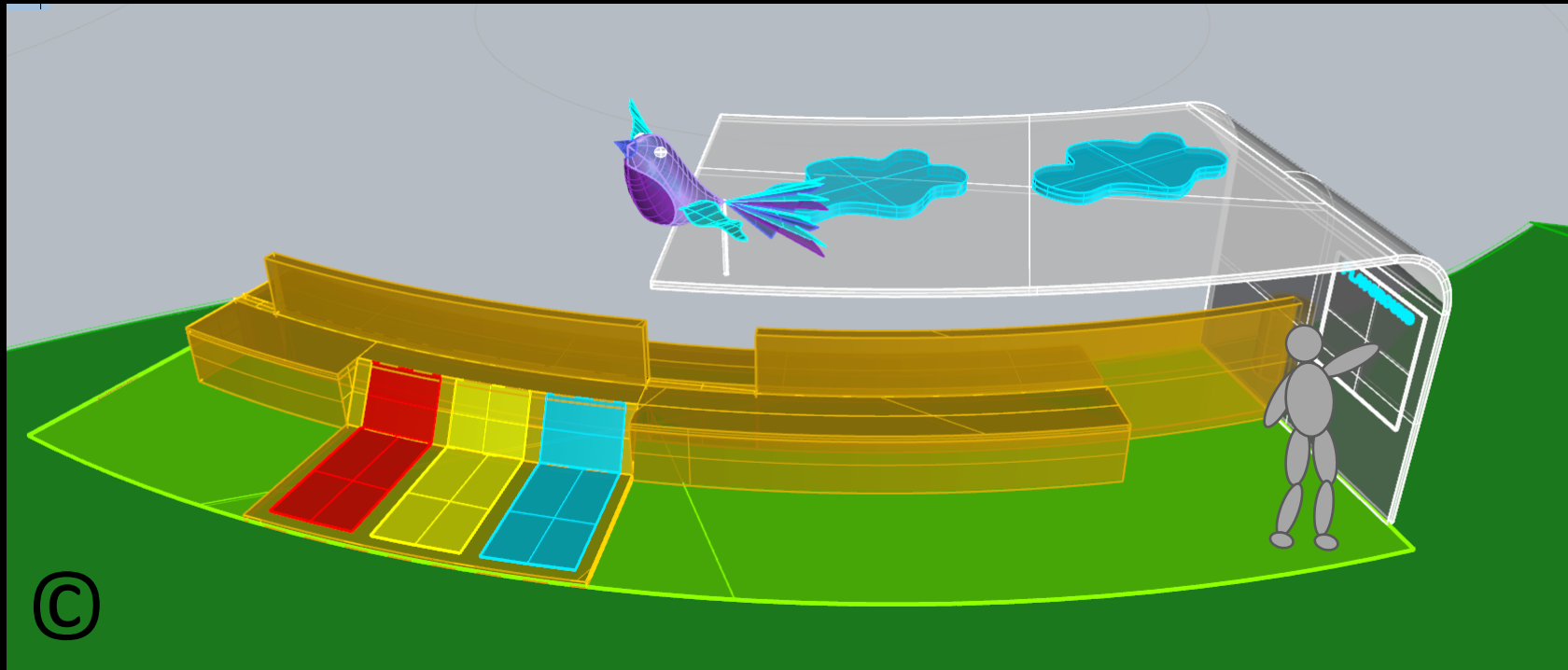
1. Play Zone No. 1 called “Peace under Sky” (first model) and Users



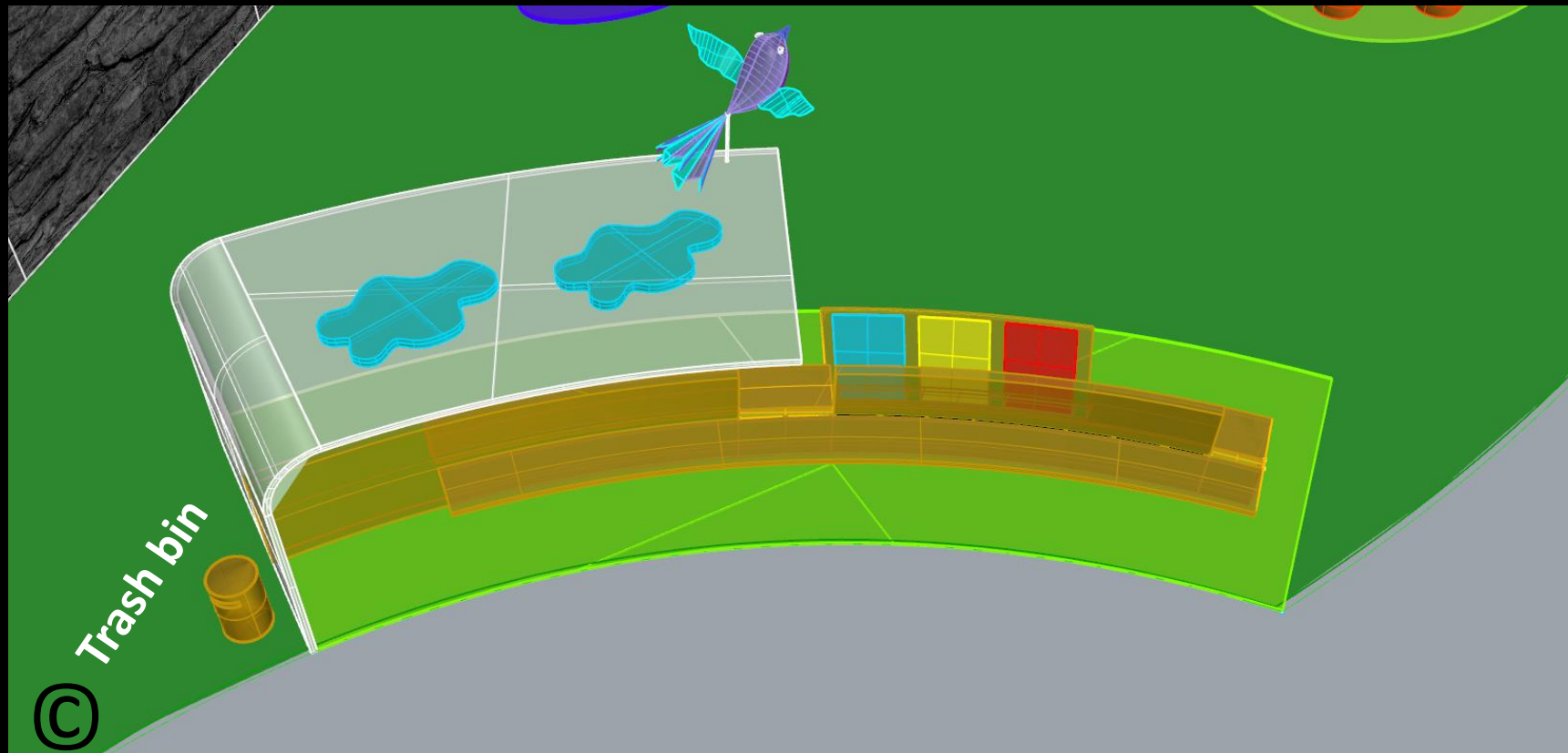
1. Play Zone No. 1 called “Peace under Sky” (first model) and Users



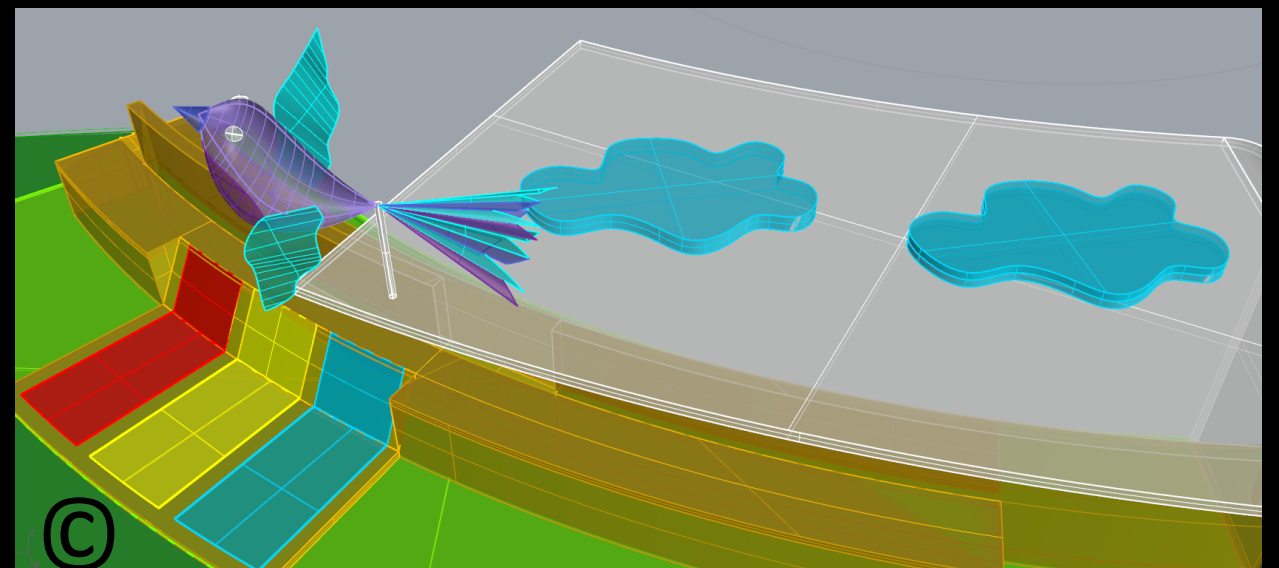
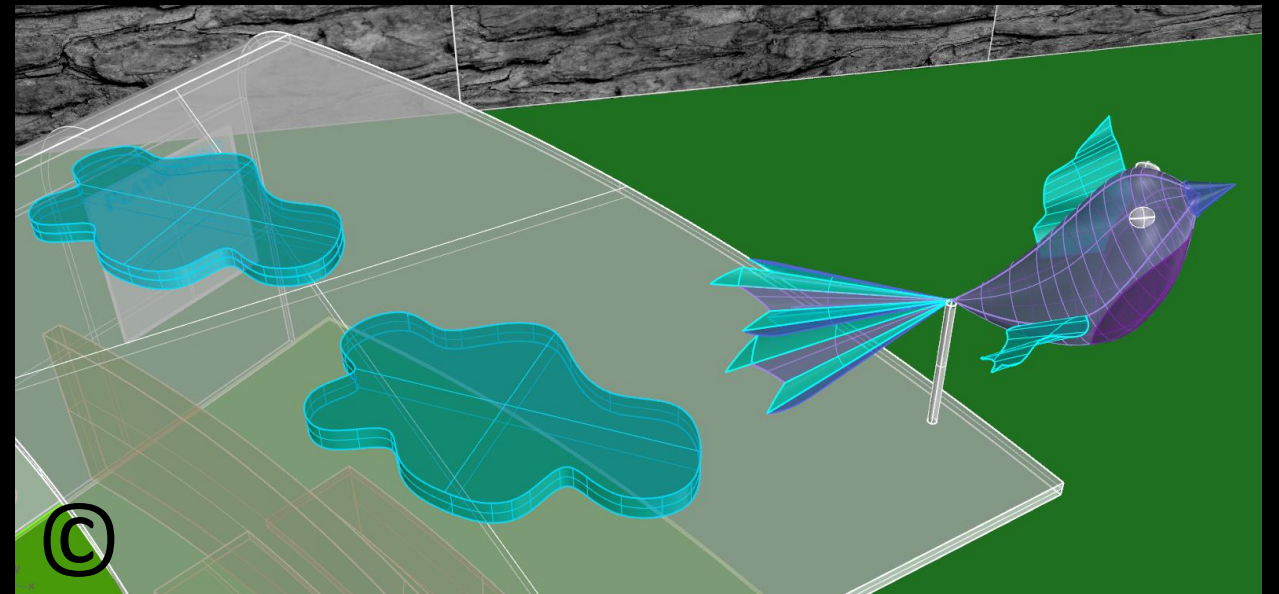
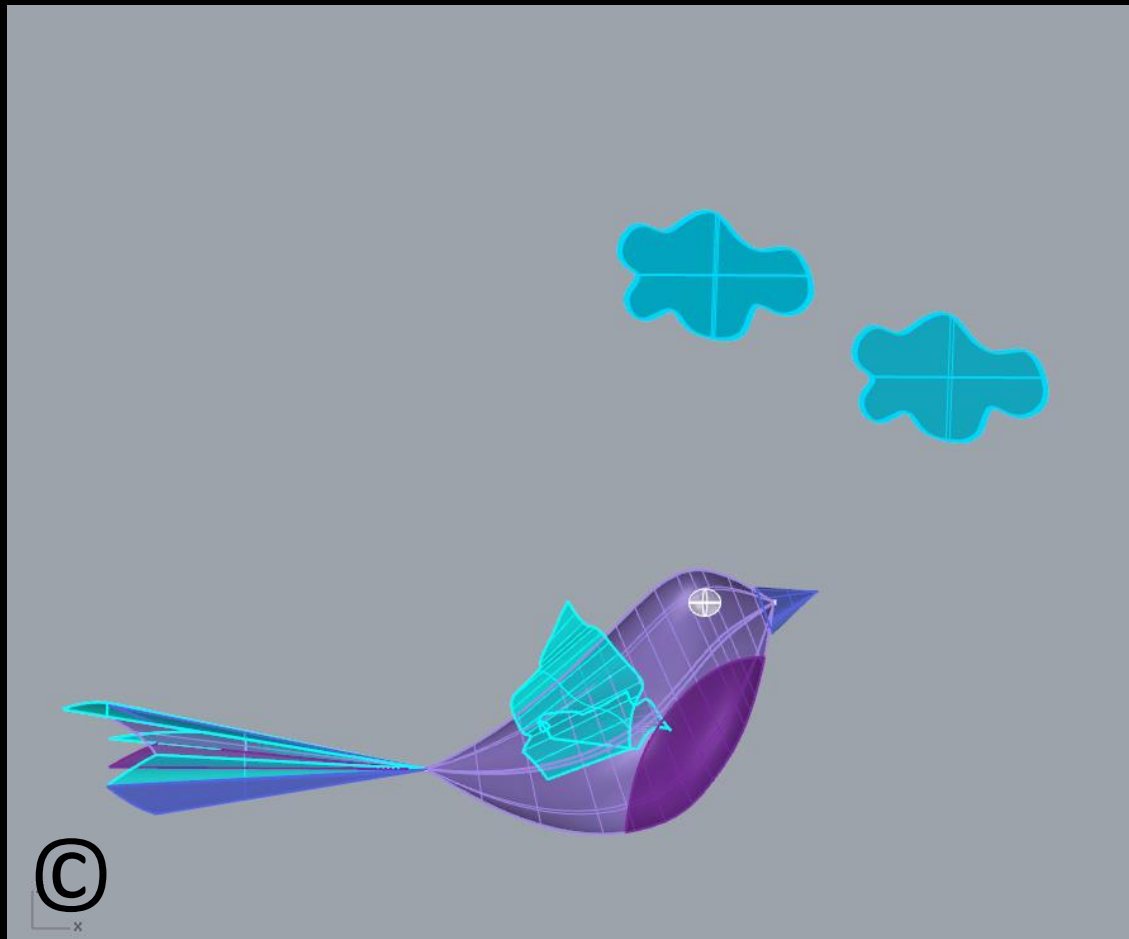
1. Play Zone No. 1 called “Peace under Sky” (first model) and Users



1. Play Zone No. 1 called “Peace under Sky” (first model)



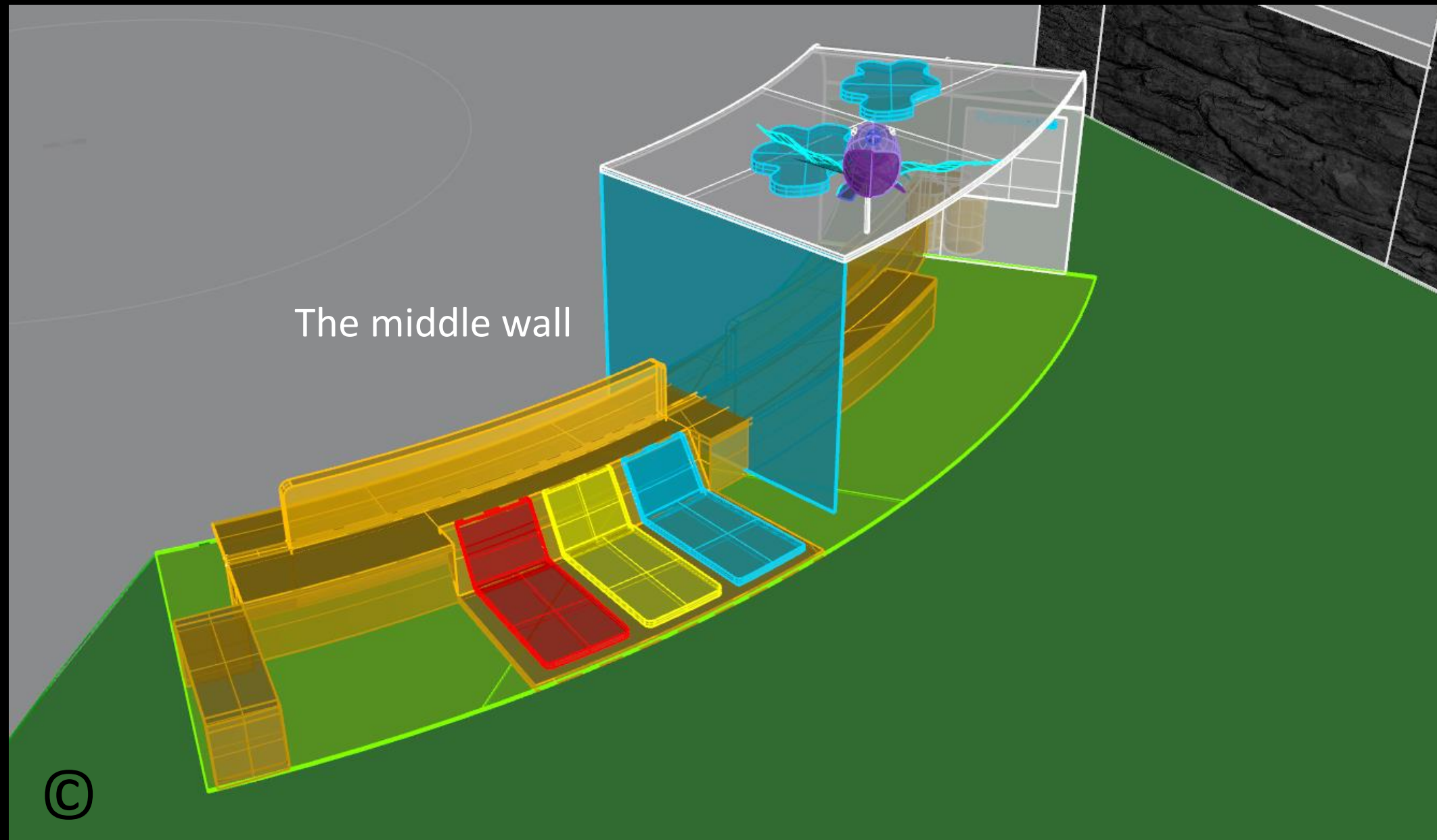
Decorative Elements Used in “Peace Under Sky”



**1. Play Zone No. 1 called “Peace under Sky” (developed model)
Used in Last Design of Whole Playground**

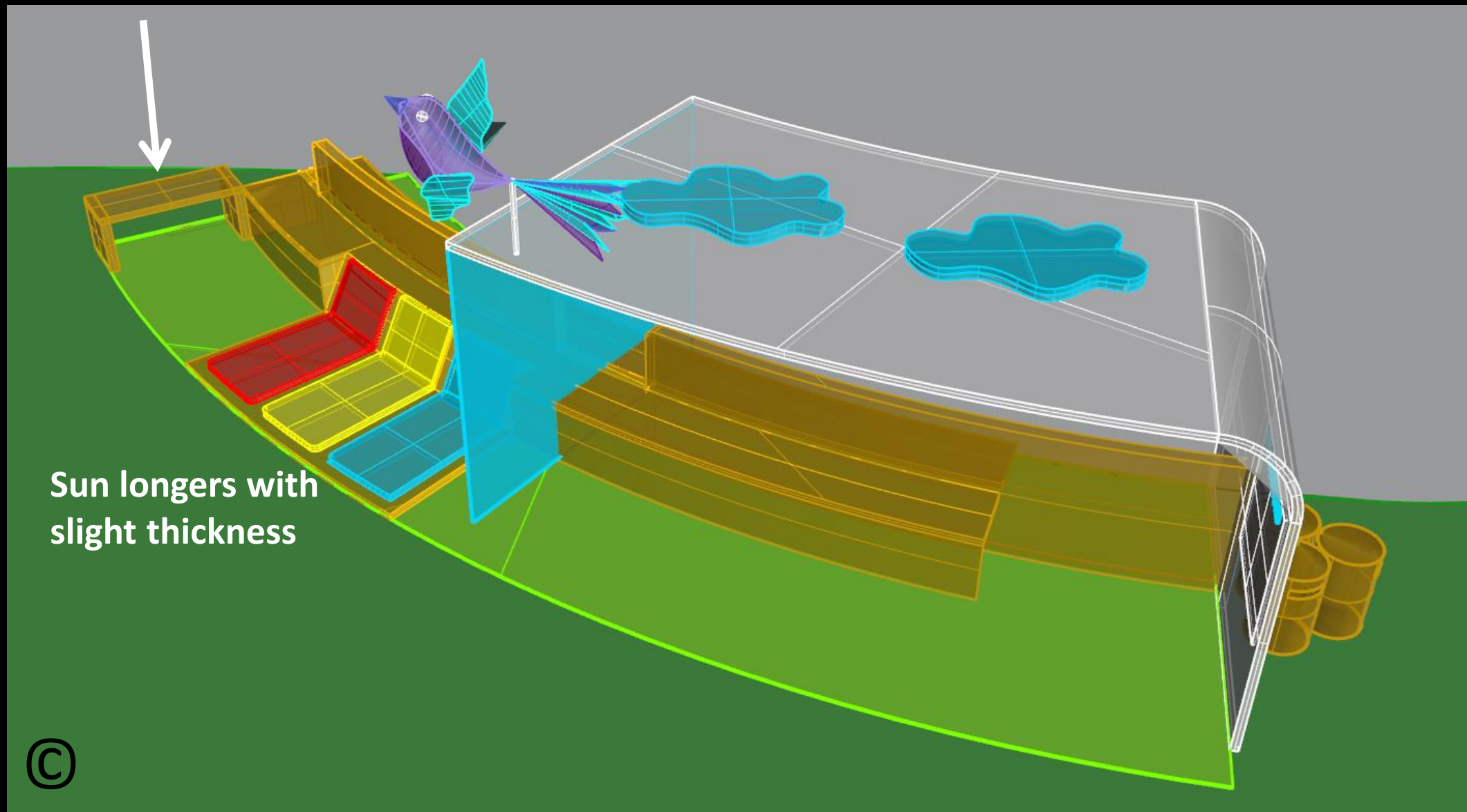
- with middle wall
- with cross-wise bench at the end of the curved bench
- recycling bins
- With thicker sun loungers

1. Play Zone No. 1 called “Peace under Sky” (developed model)

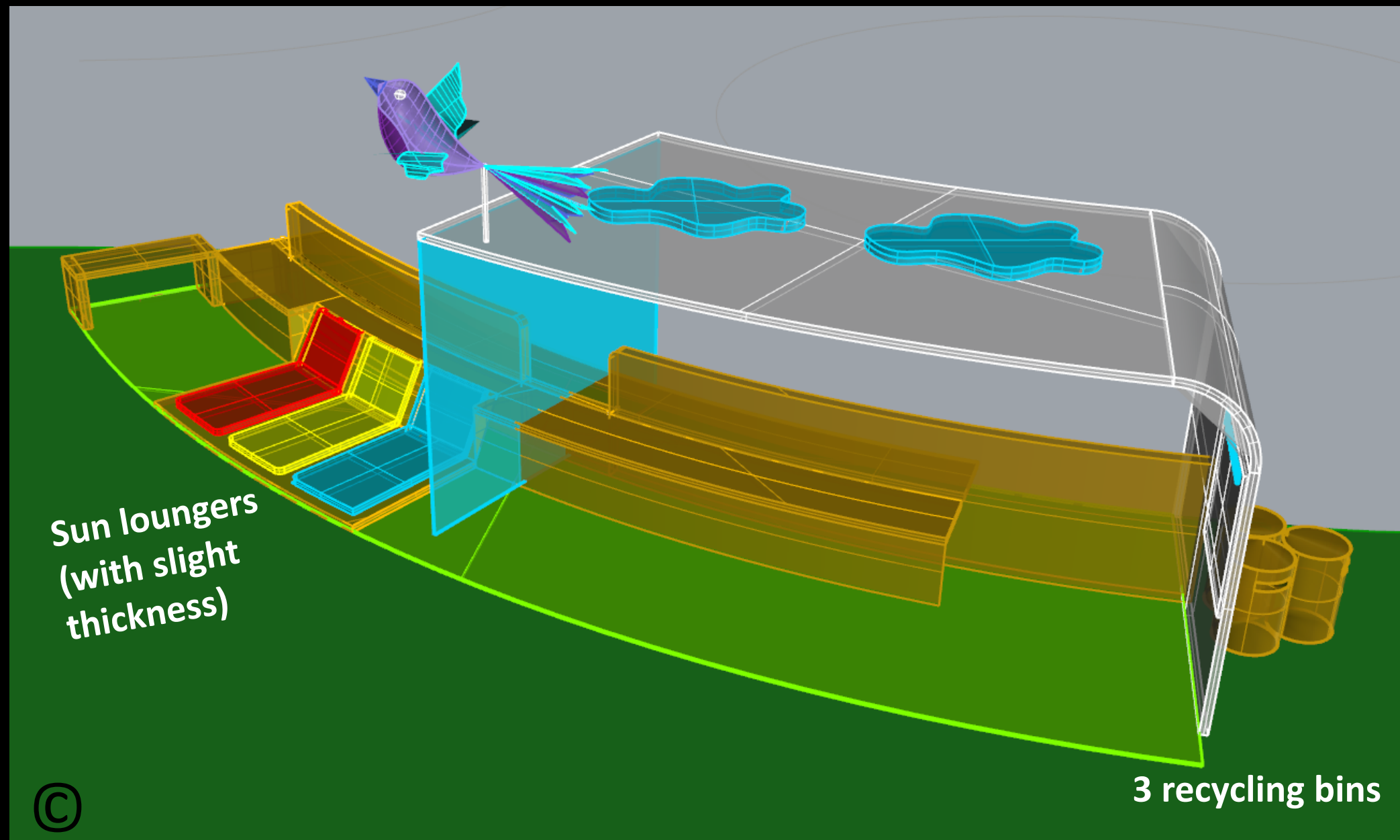


1. Play Zone No. 1 called “Peace under Sky” (developed model)

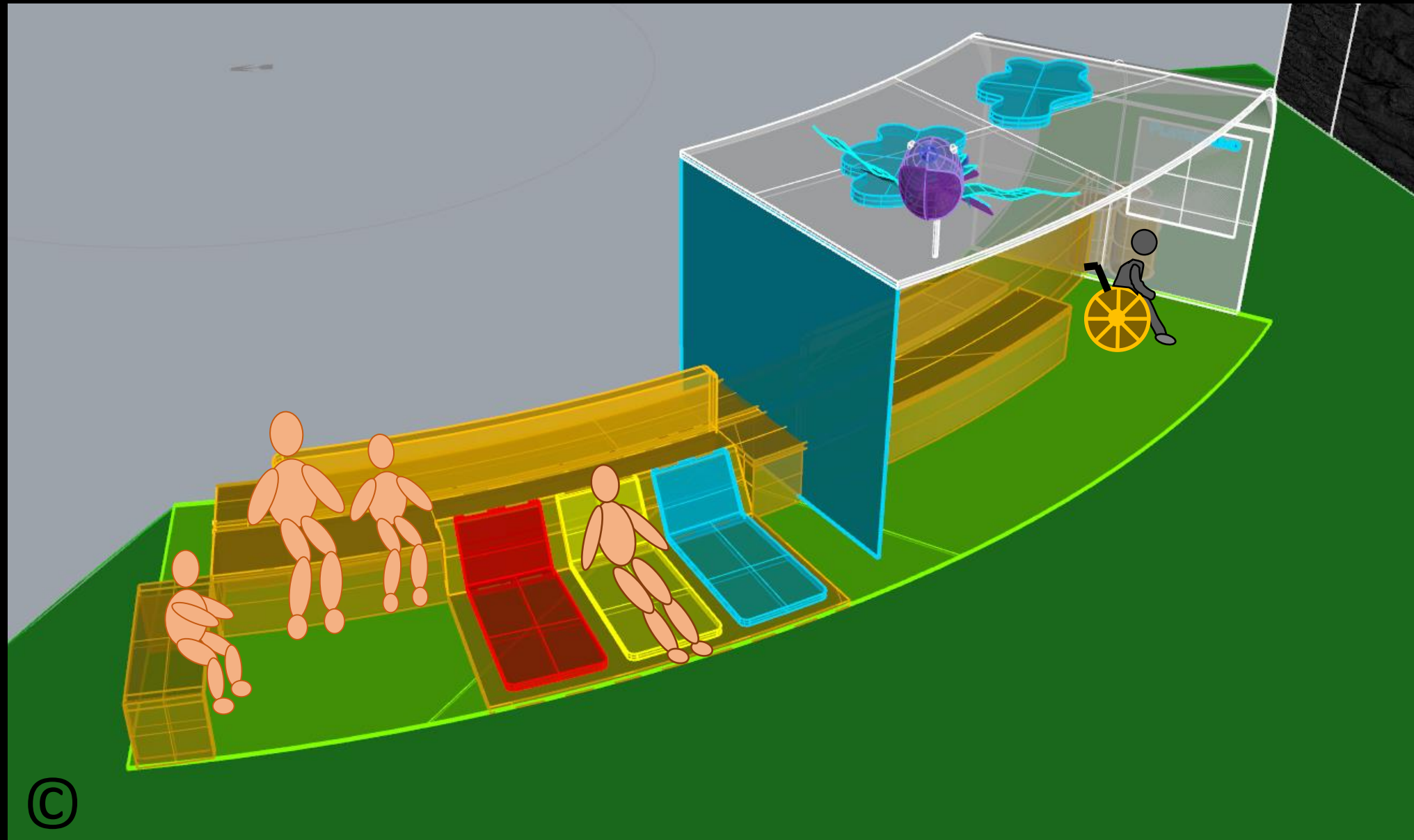
The cross-wise bench at the
end of the curved bench



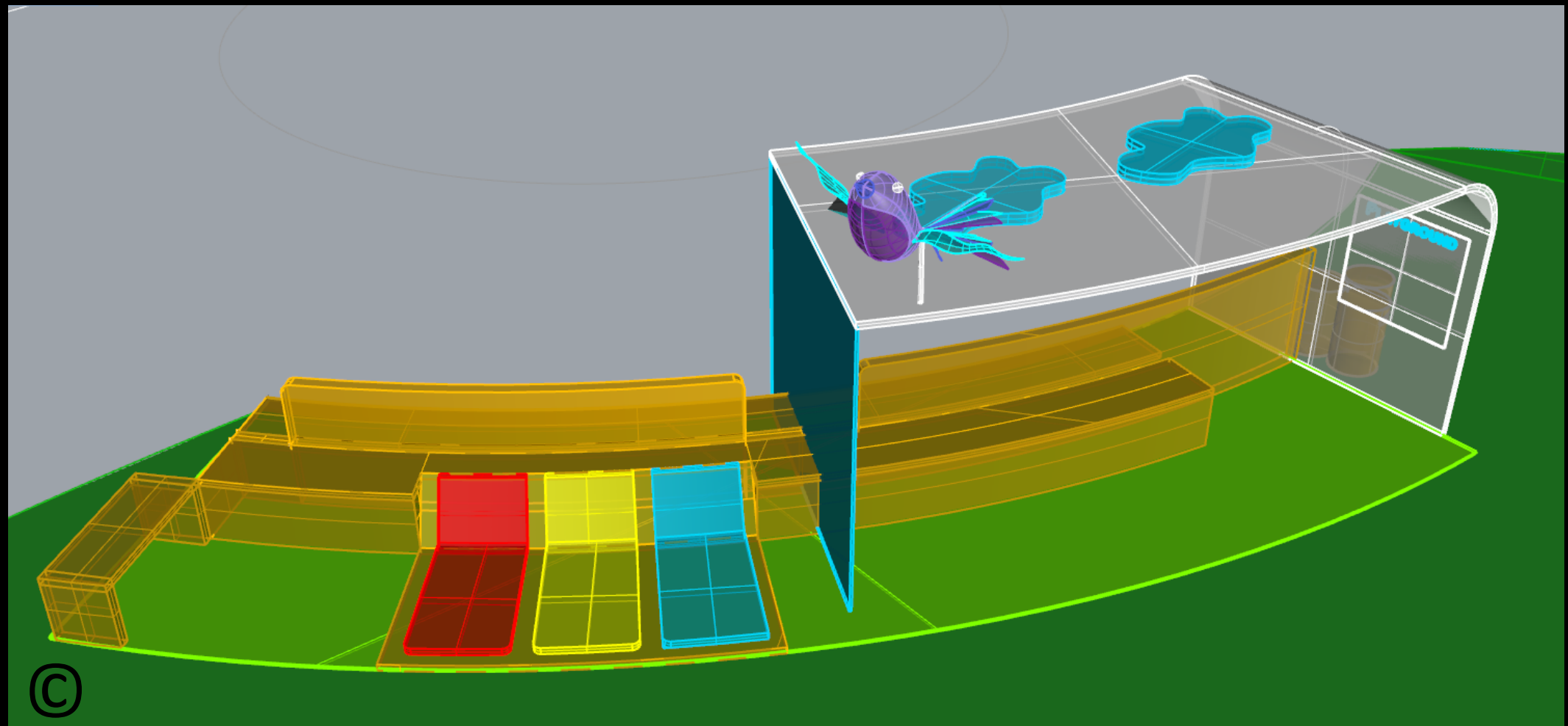
1. Play Zone No. 1 called “Peace under Sky” (developed model)



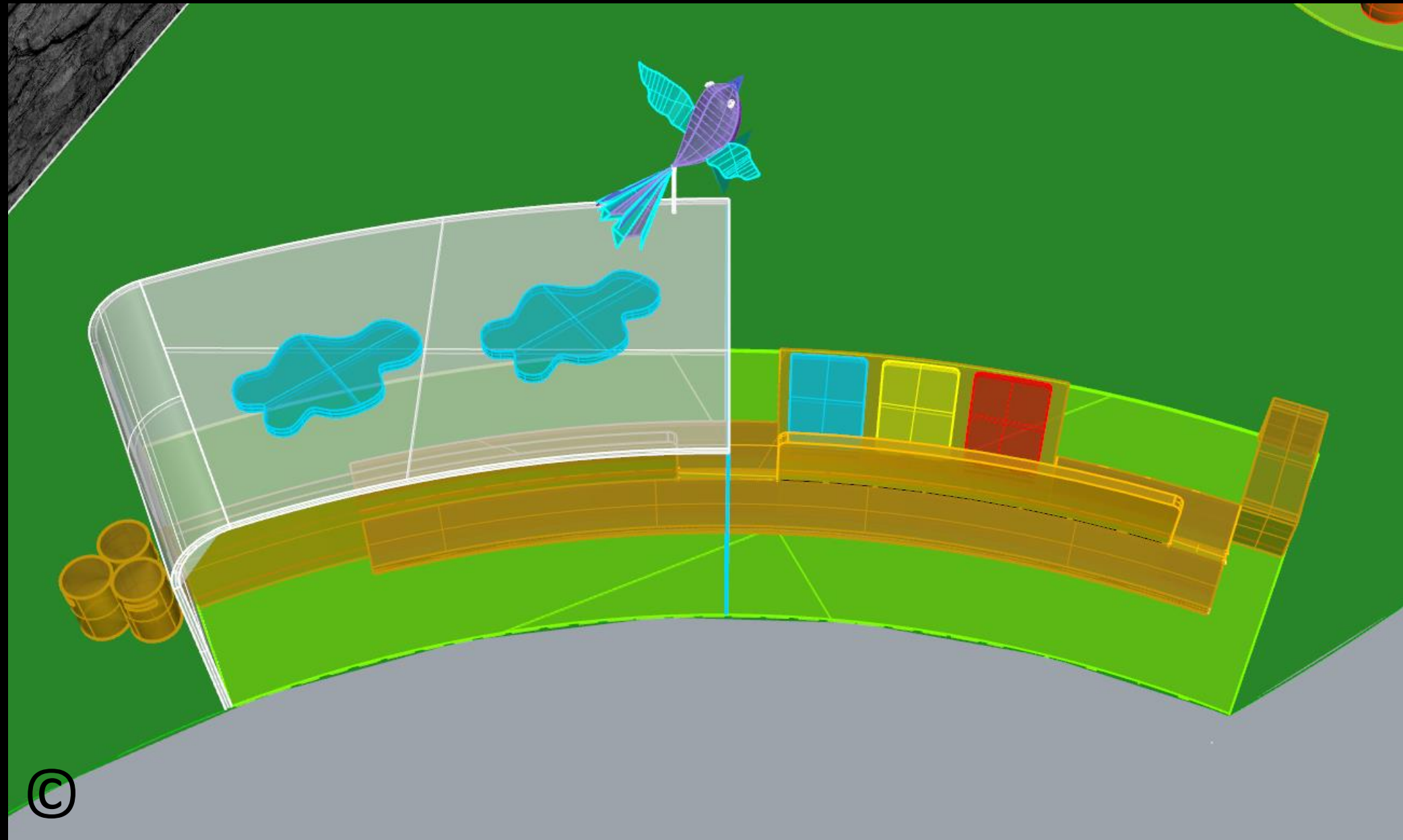
1. Play Zone No. 1 called “Peace under Sky” (developed model)



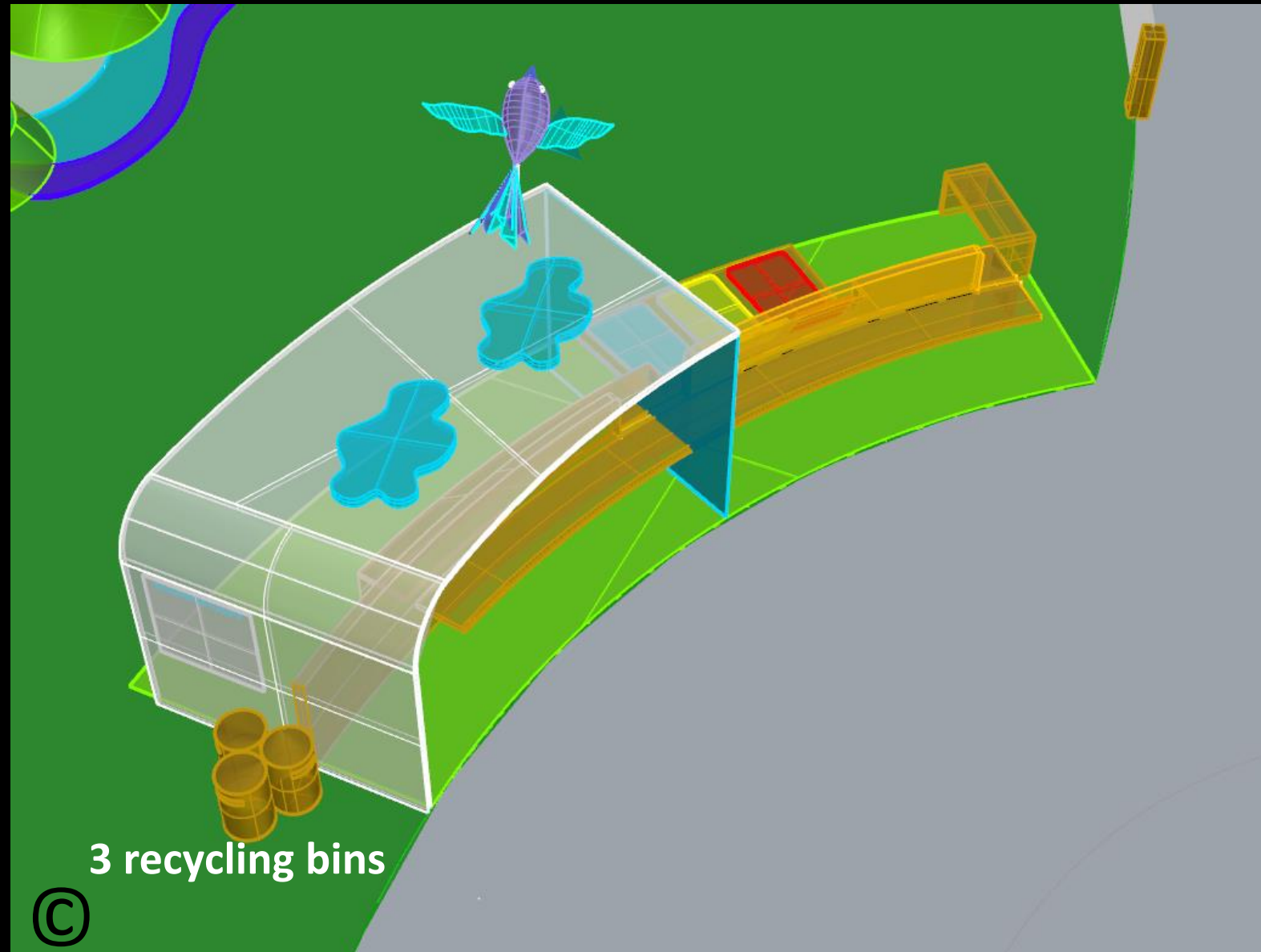
1. Play Zone No. 1 called “Peace under Sky” (developed model)



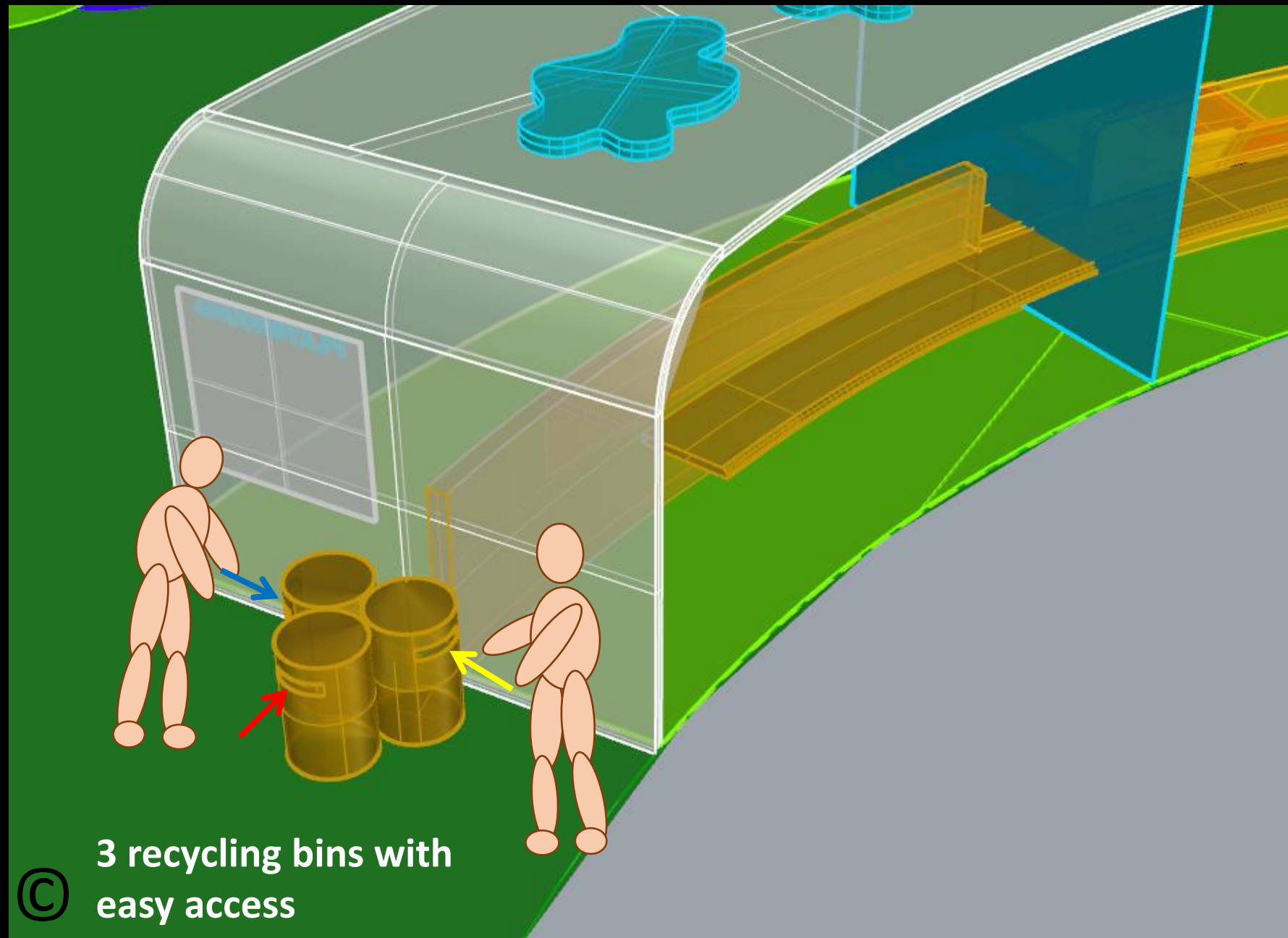
1. Play Zone No. 1 called “Peace under Sky” (developed model)



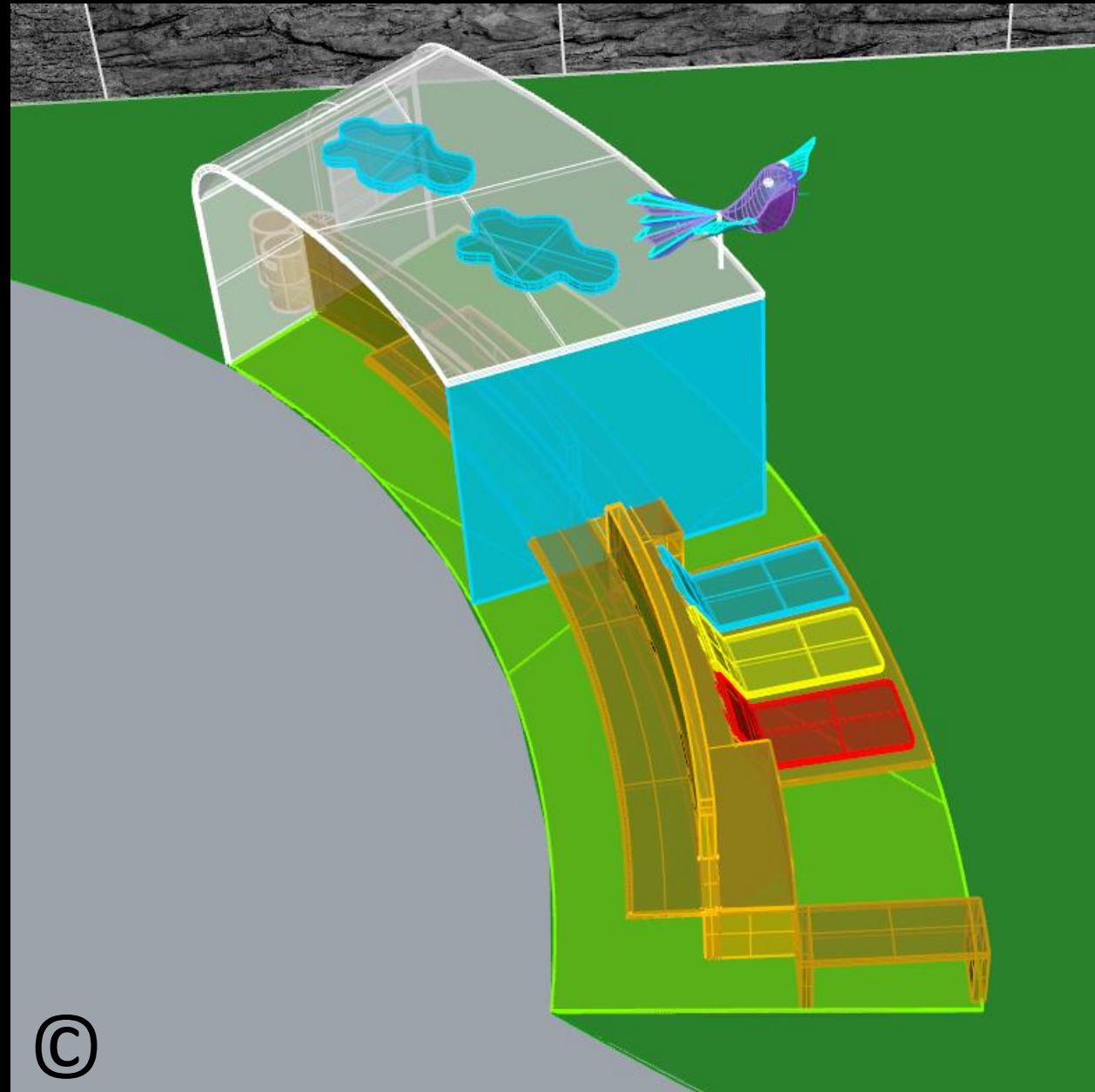
1. Play Zone No. 1 called “Peace under Sky” (developed model)



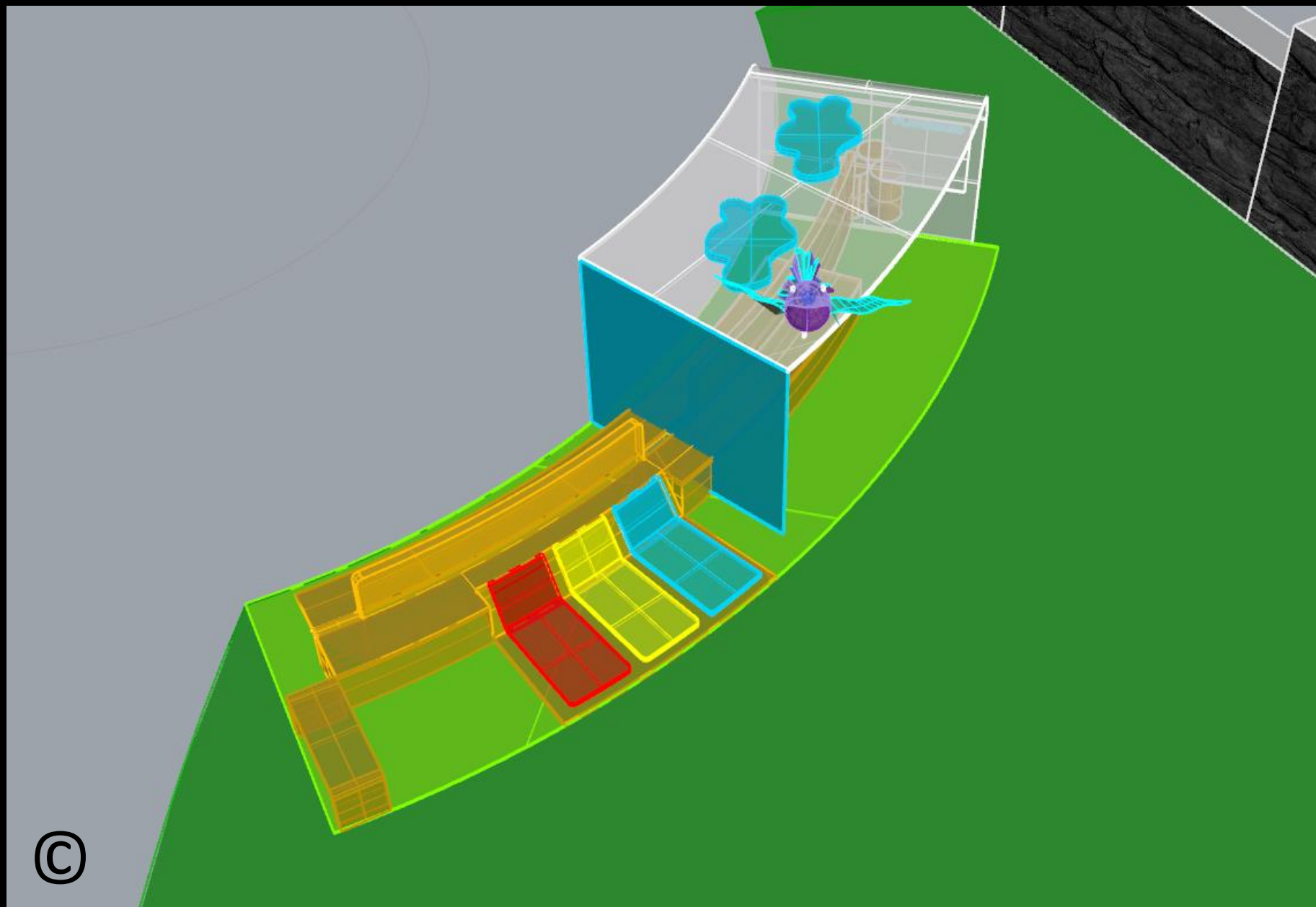
1. Play Zone No. 1 called “Peace under Sky” (developed model)



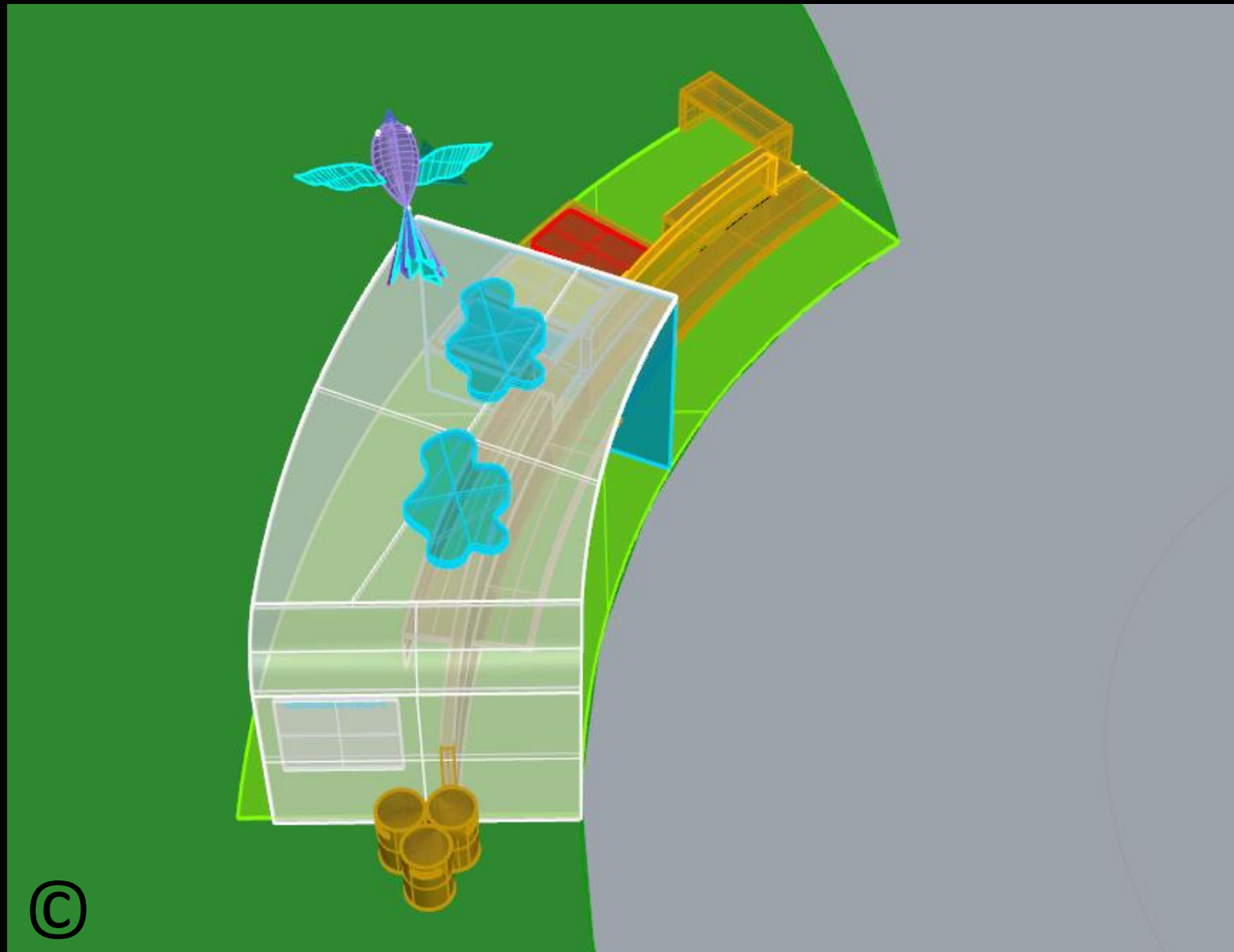
1. Play Zone No. 1 called “Peace under Sky” (developed model)



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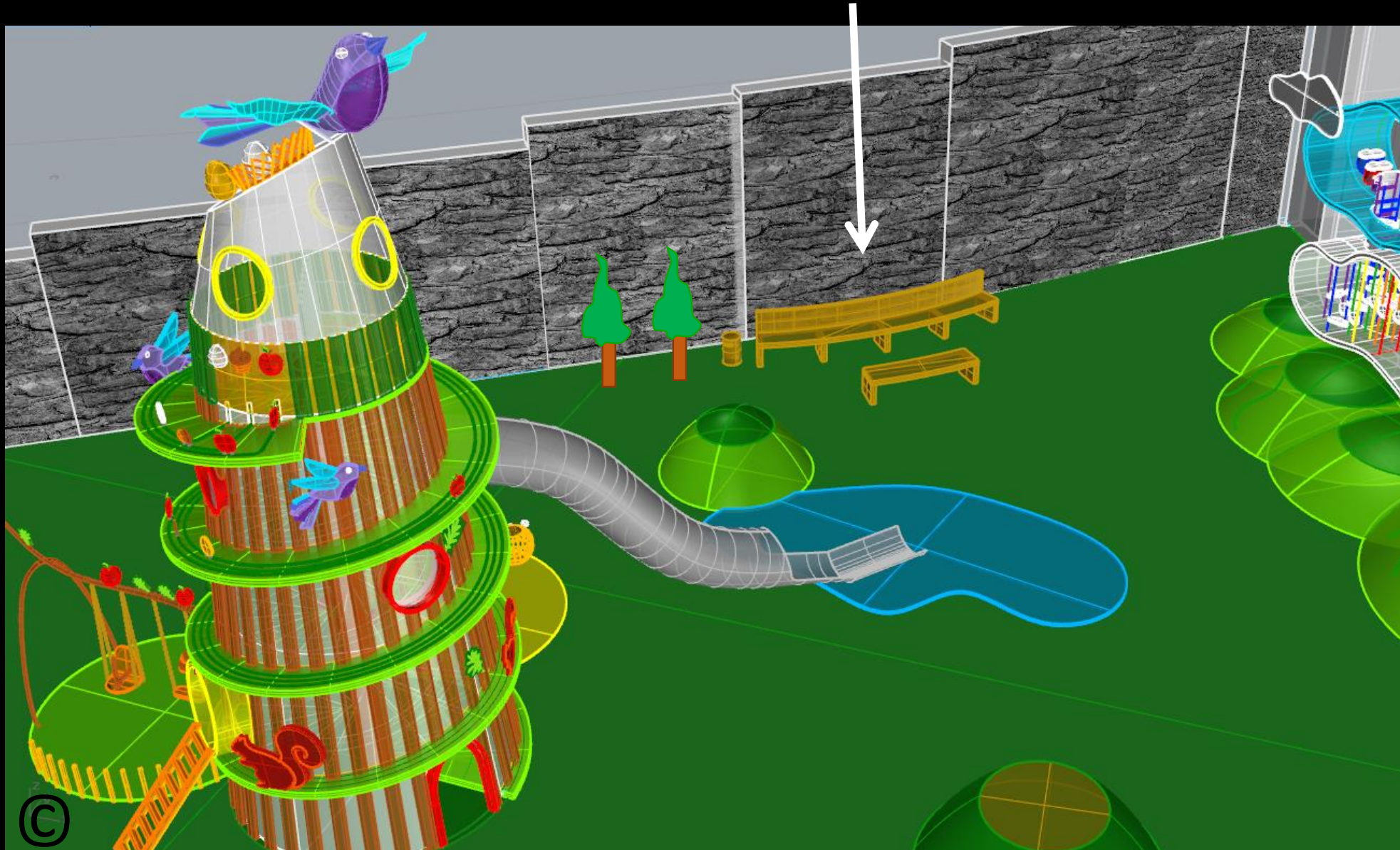


1. Play Zone No. 1 called “Peace under Sky” (developed model)



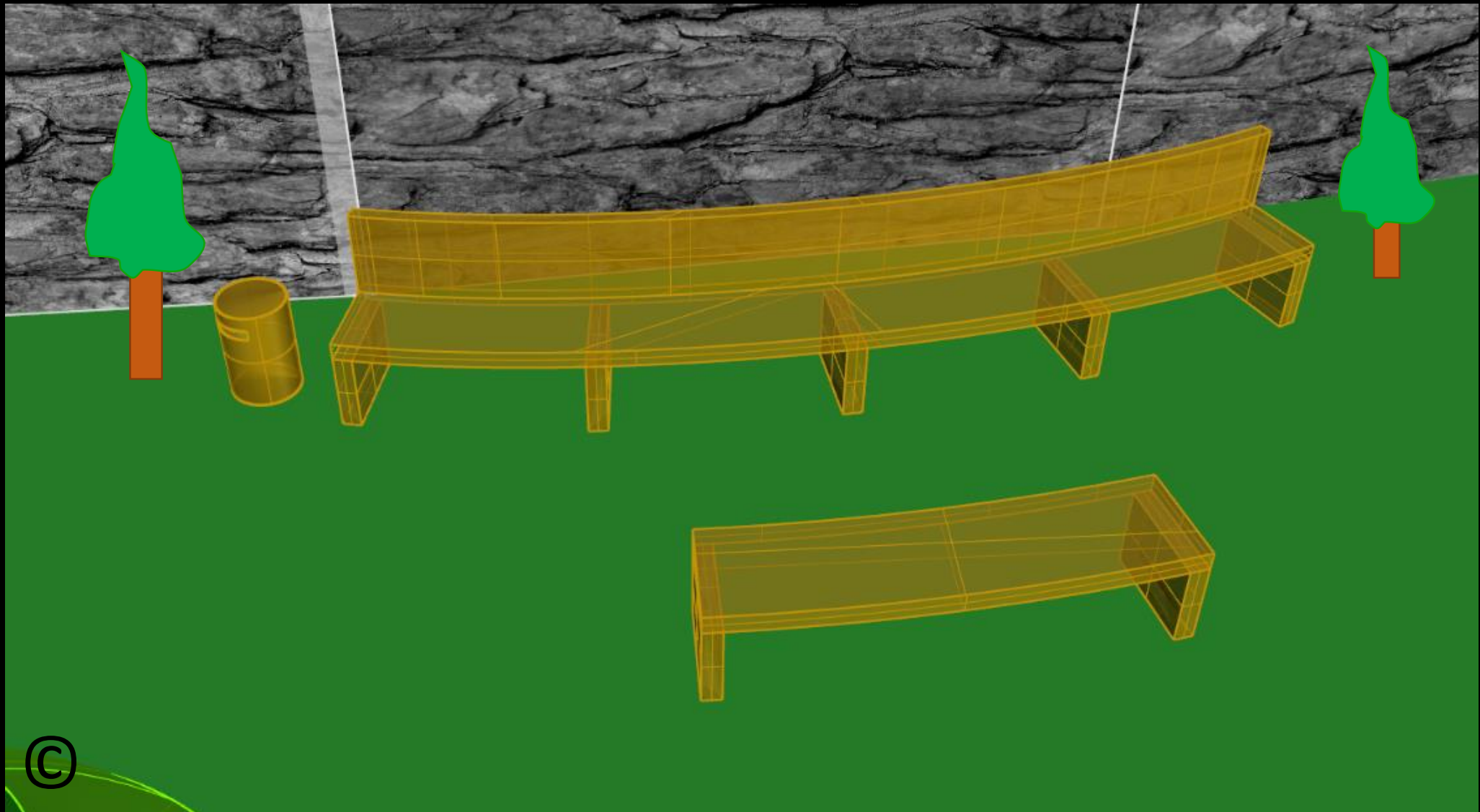
**Another seating area
designed and placed for the area between
'Tree of Adventure' and 'Clouds of Joy'
In Last Design of Whole Playground**

**Another seating area on the other side of playground
(including 2 arched benches and a trash bin)**

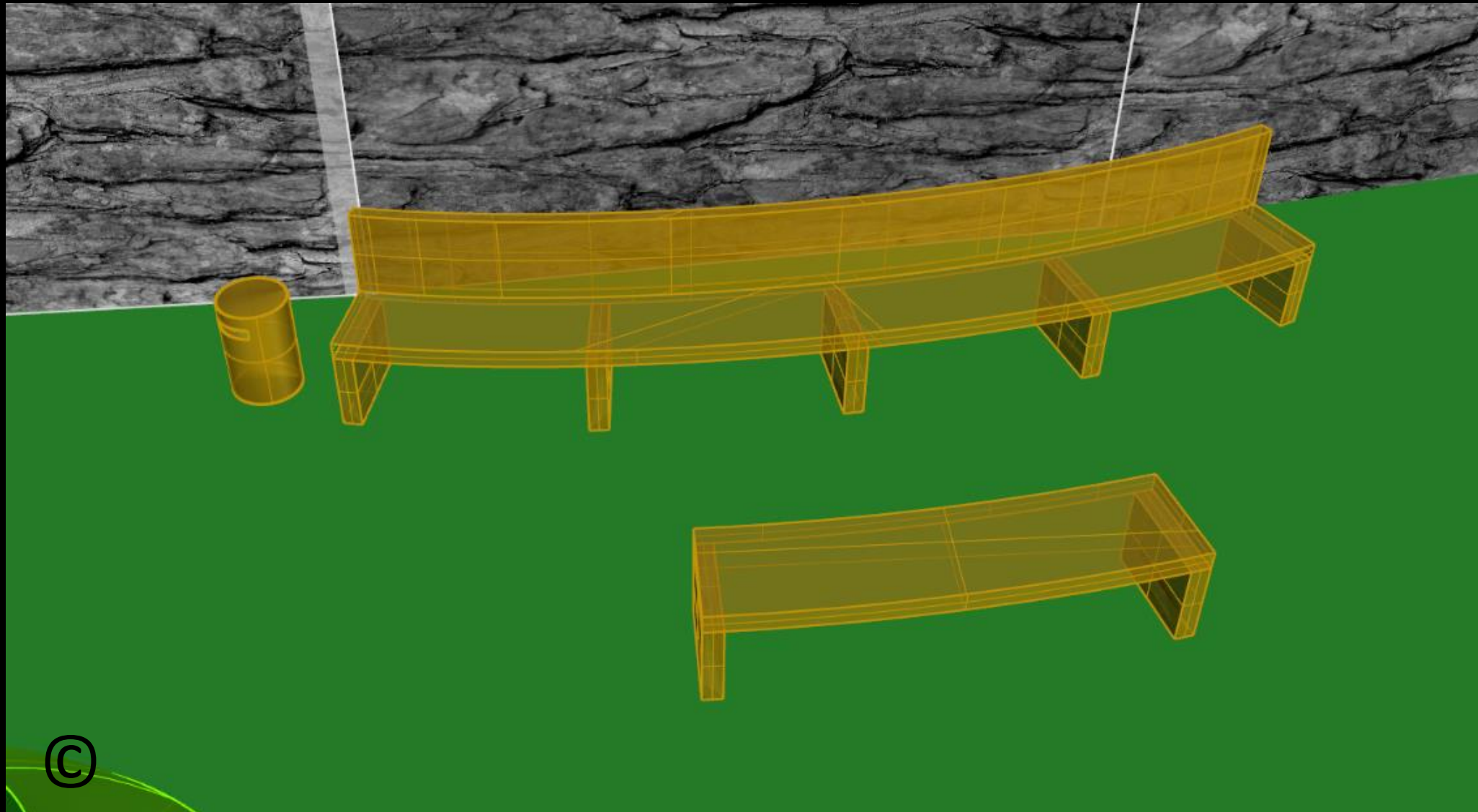


Another seating area on the other side of playground

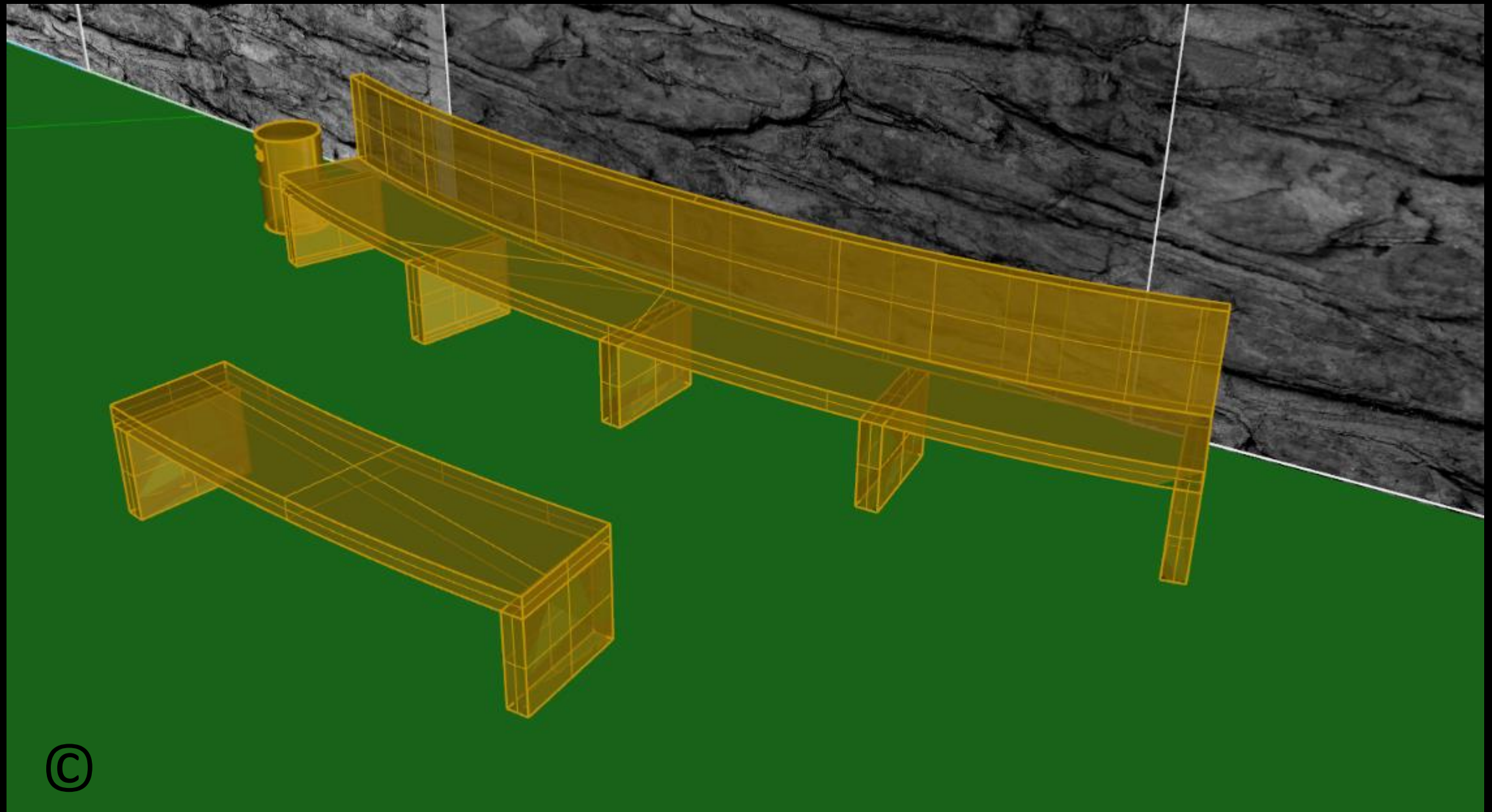
Trees and flowers could perhaps be planted along the bench in front of the wall



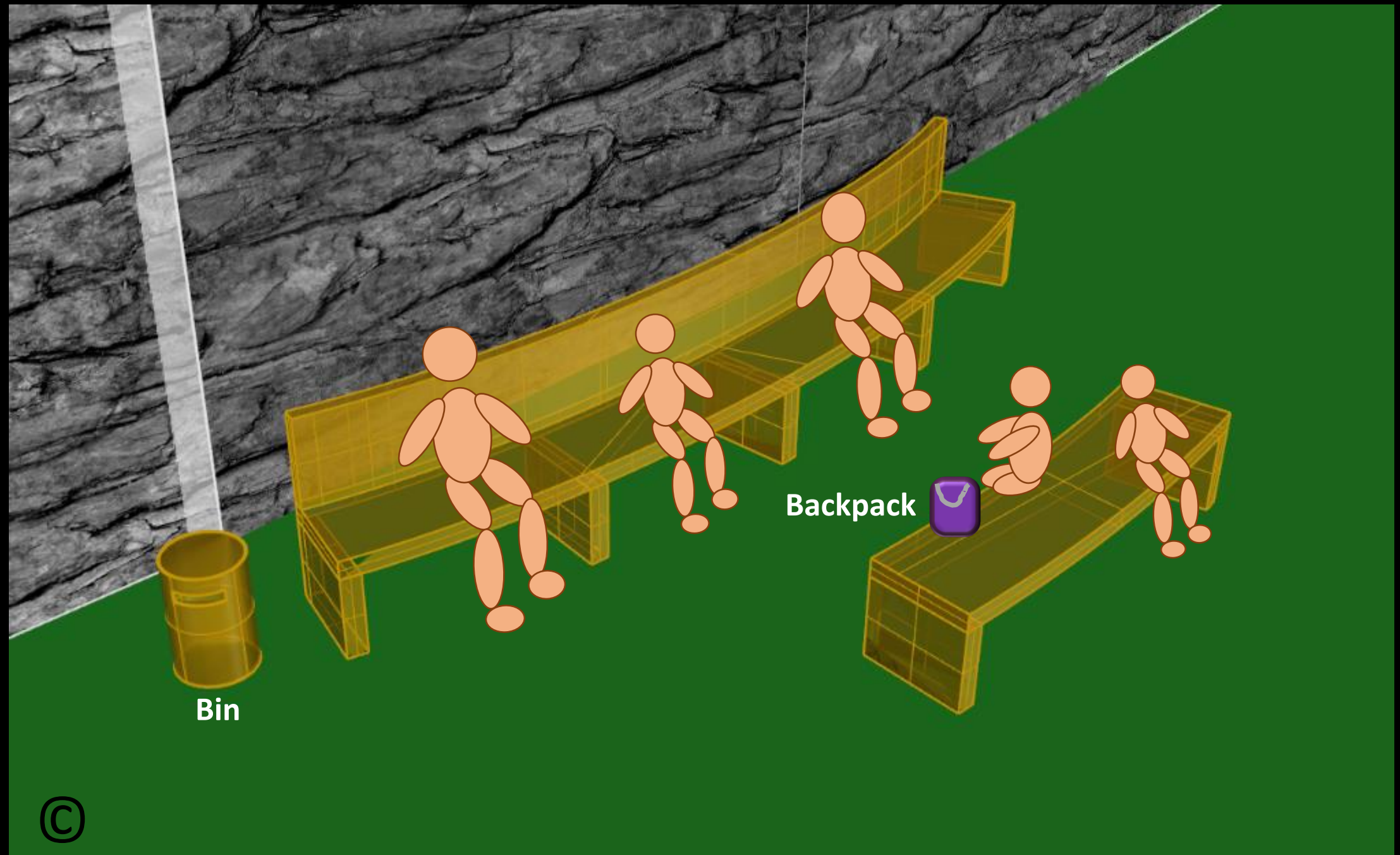
Another seating area on the other side of playground



Another seating area on the other side of playground



The seating area and users (including parents and children)

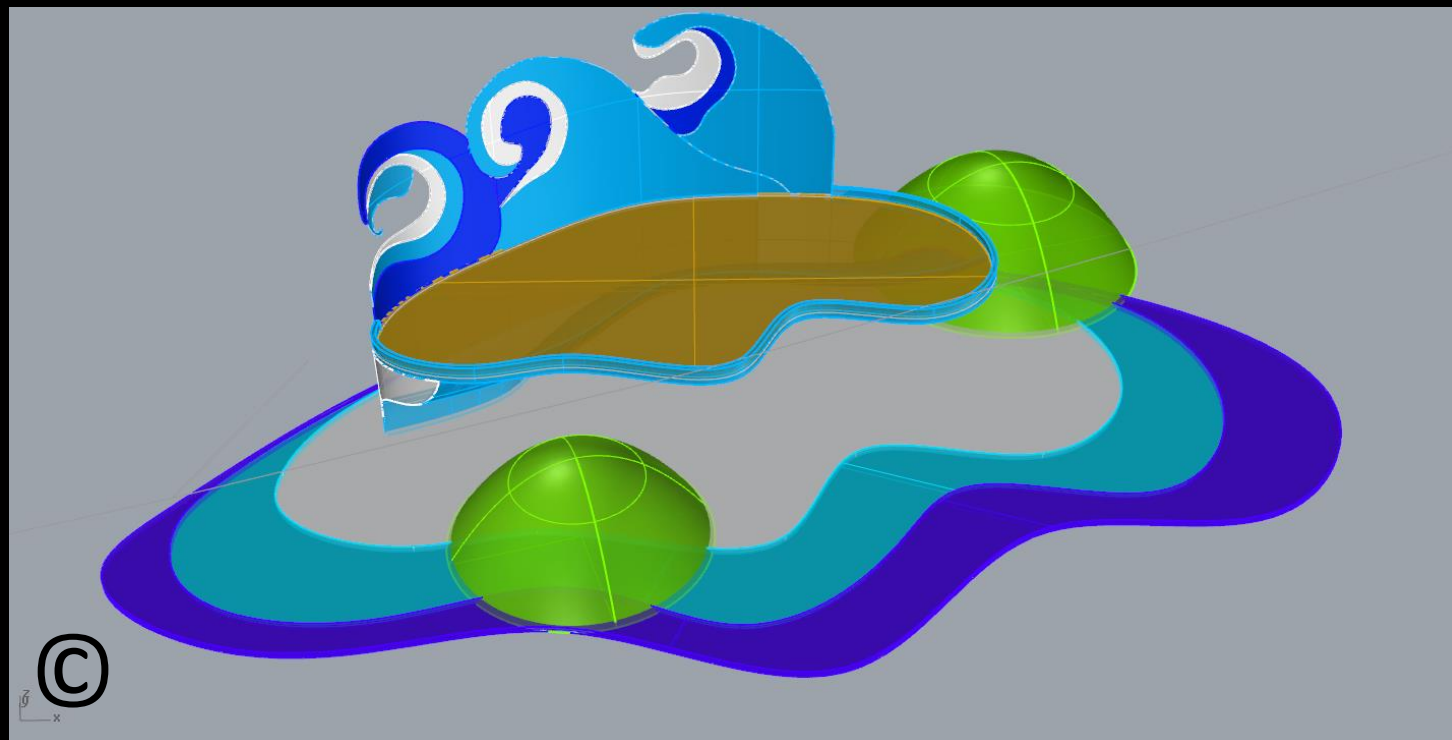
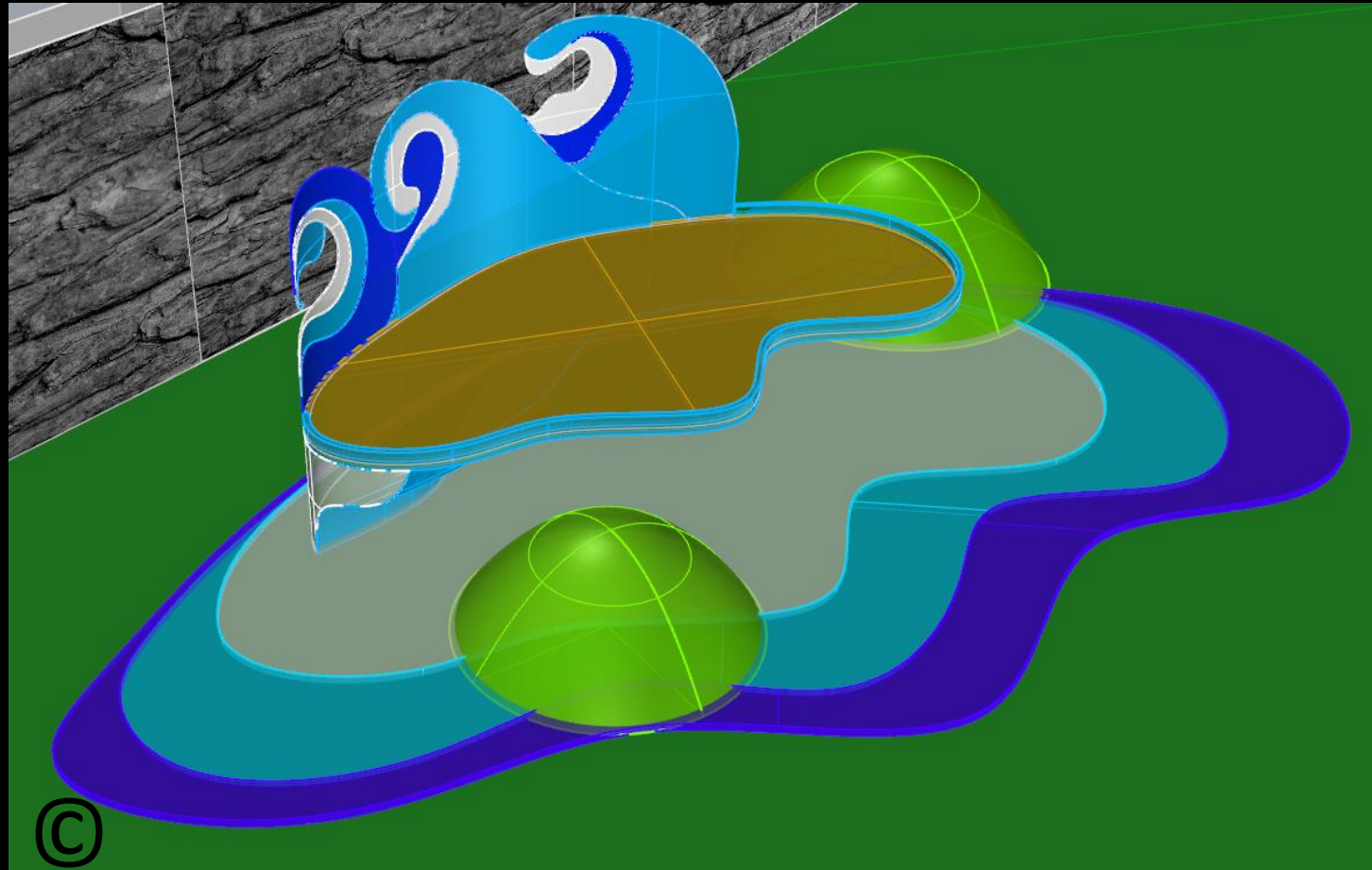


**Play Zone No. 2
called
“Sense of Sea”
(basic and developed models)**

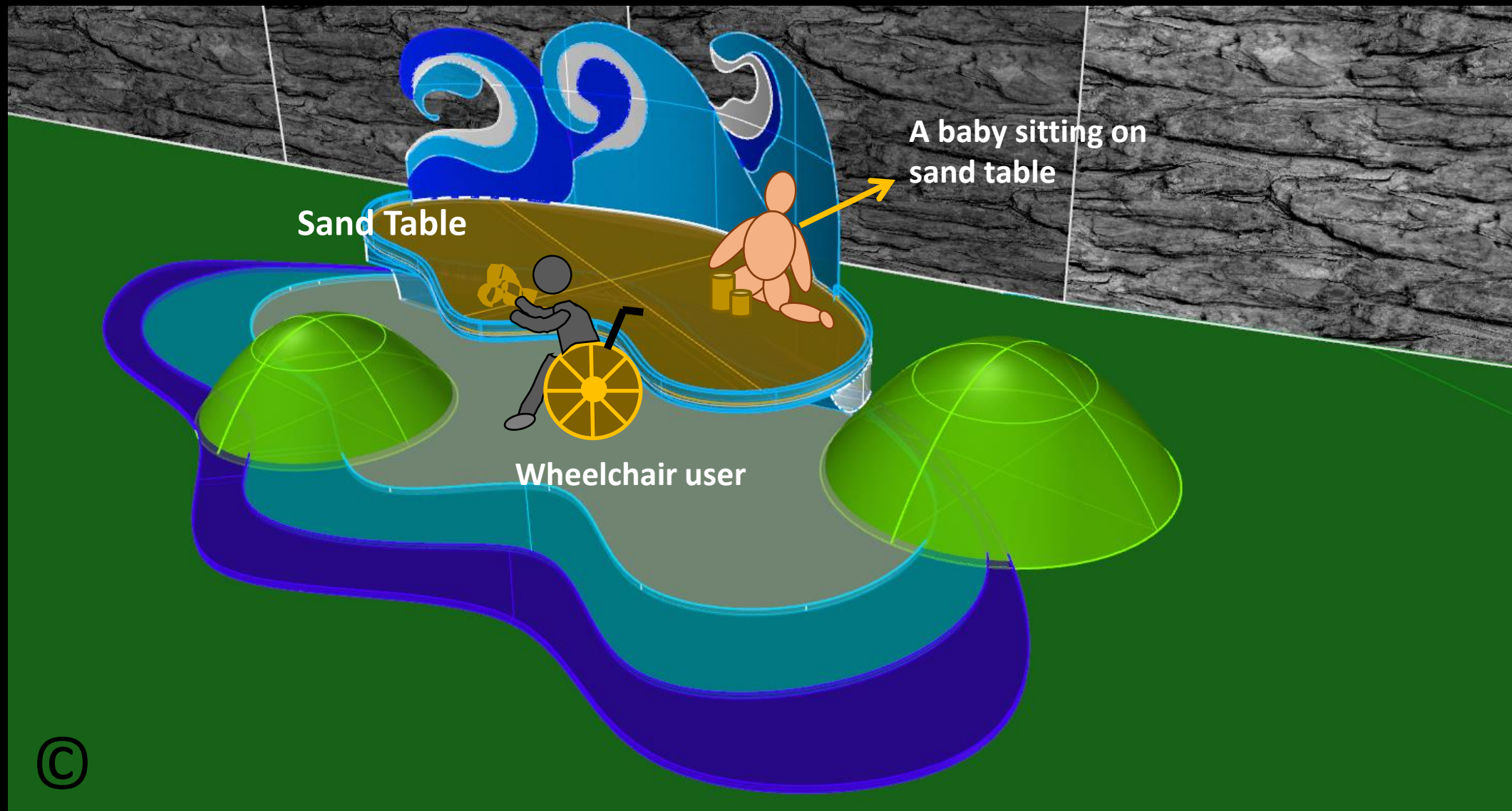
2. Play Zone No. 2 called “Sense of Sea” (basic model)



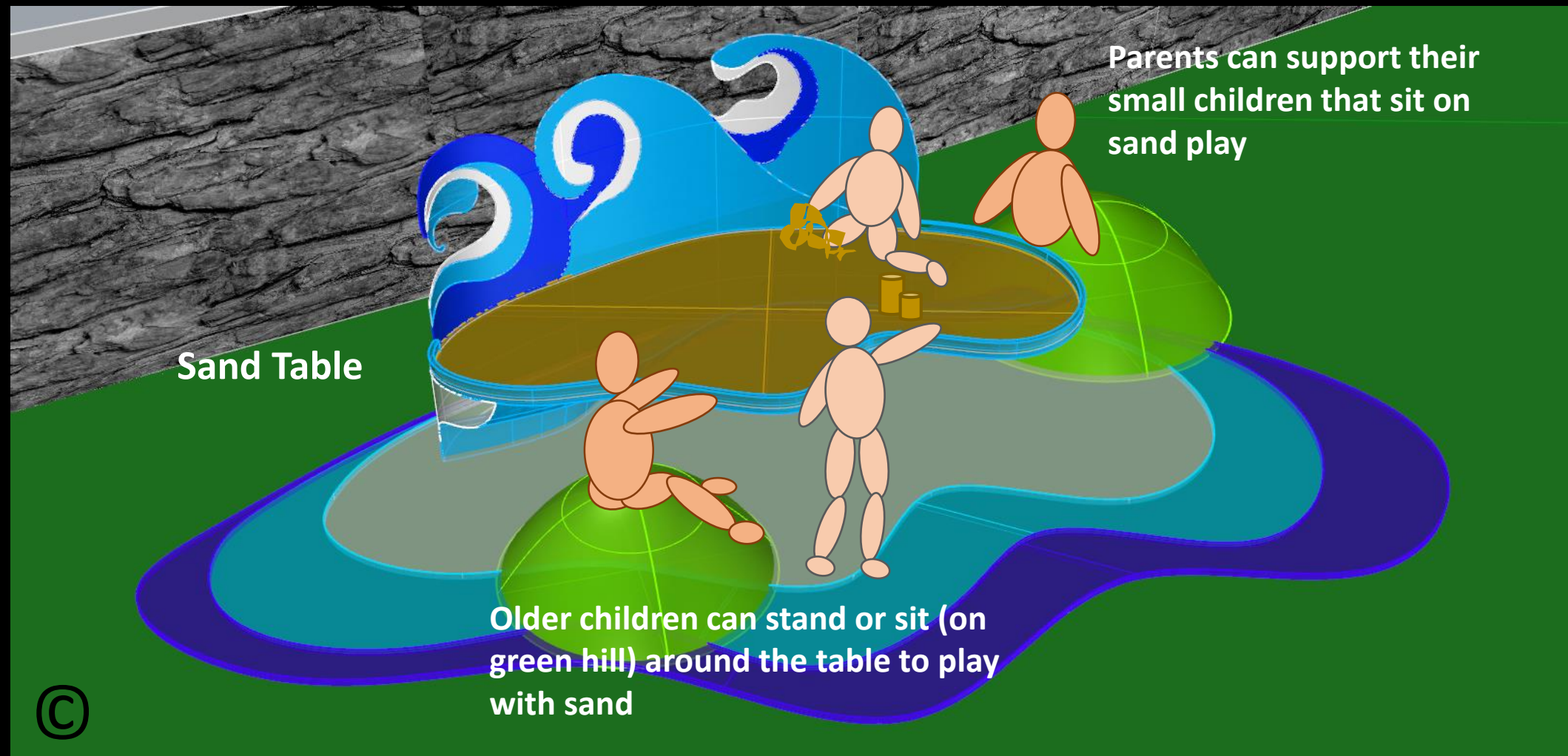
2. Play Zone No. 2 called “Sense of Sea” (basic model)



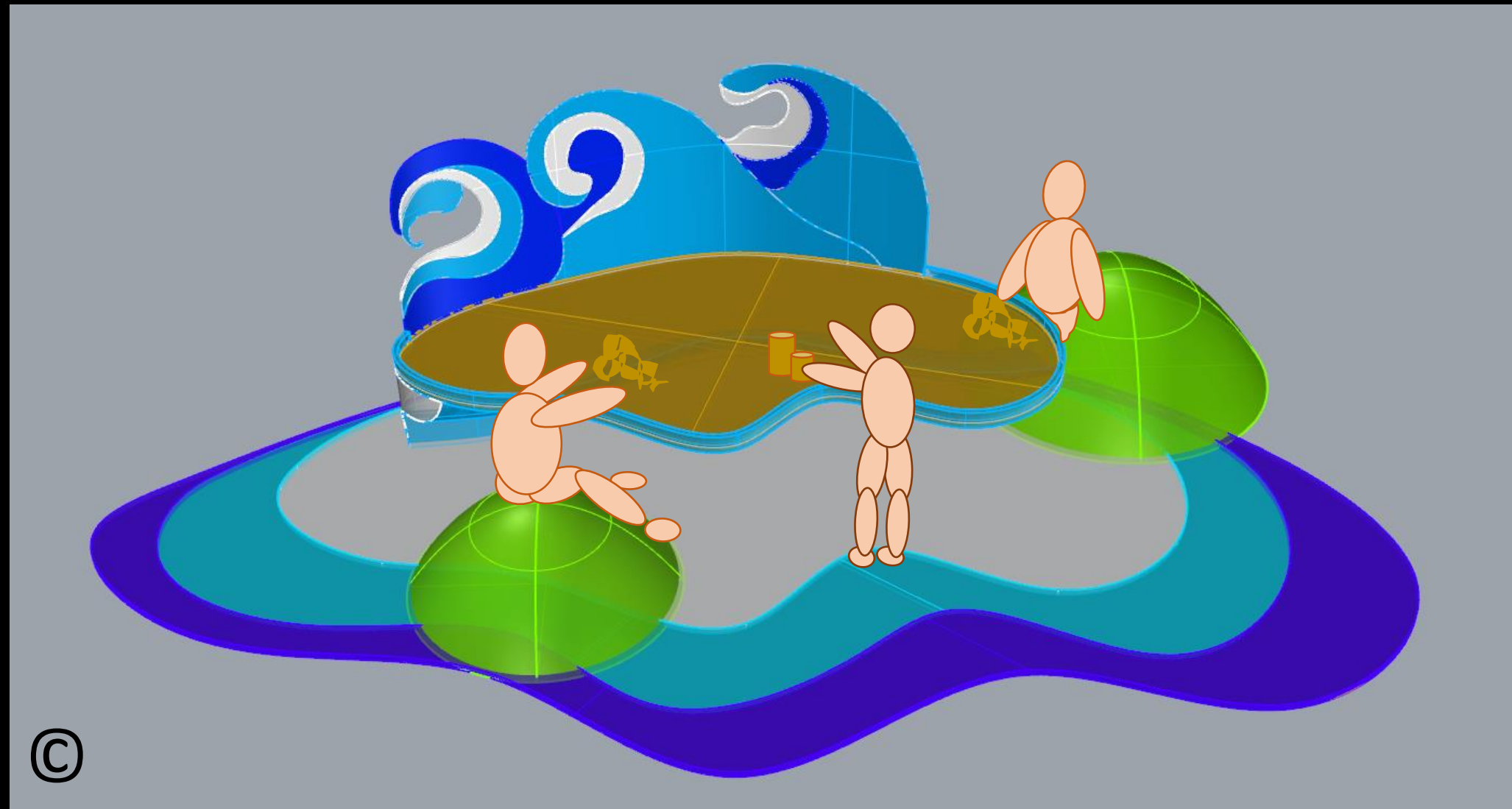
2. Play Zone No. 2 called “Sense of Sea” (basic model) and Users



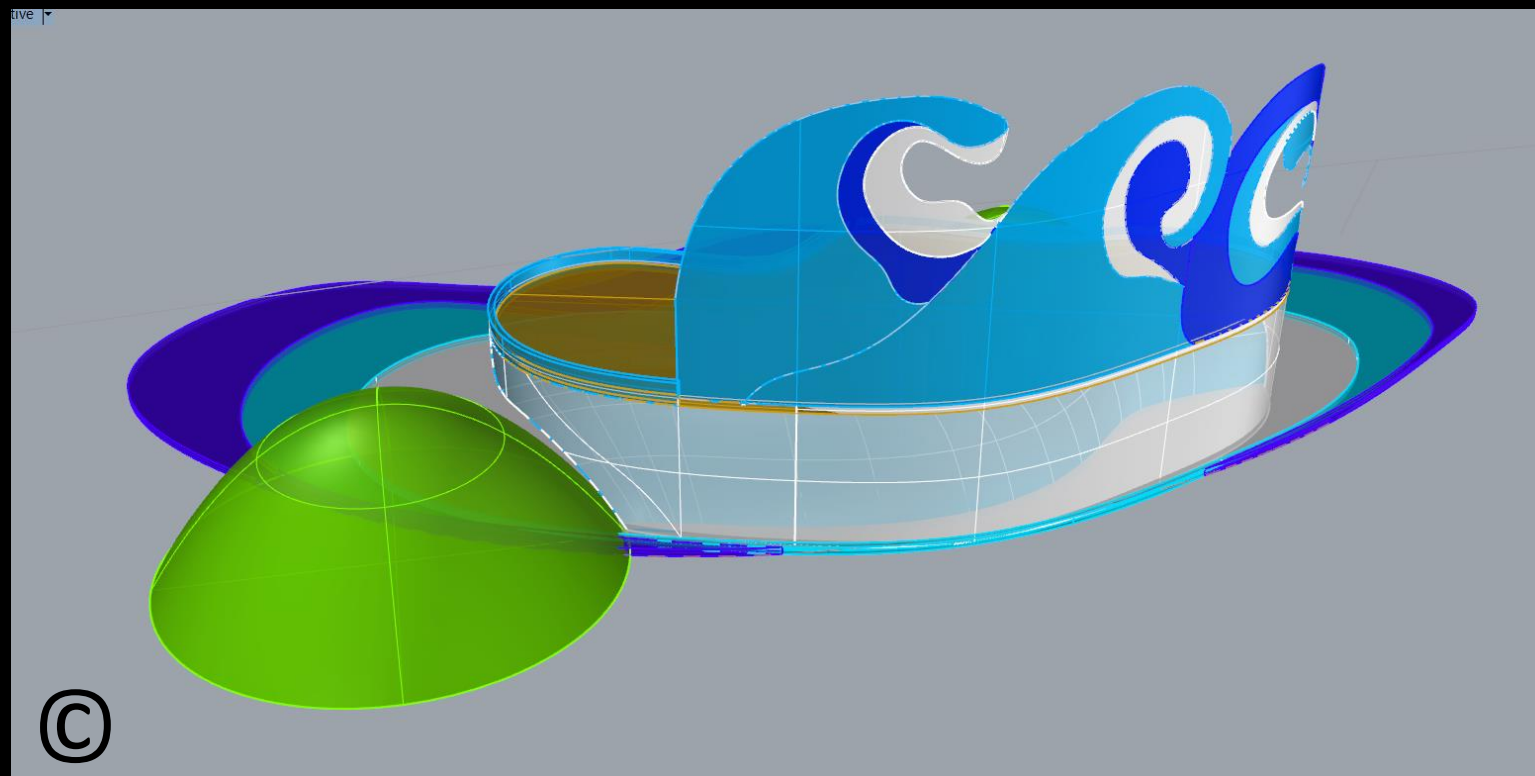
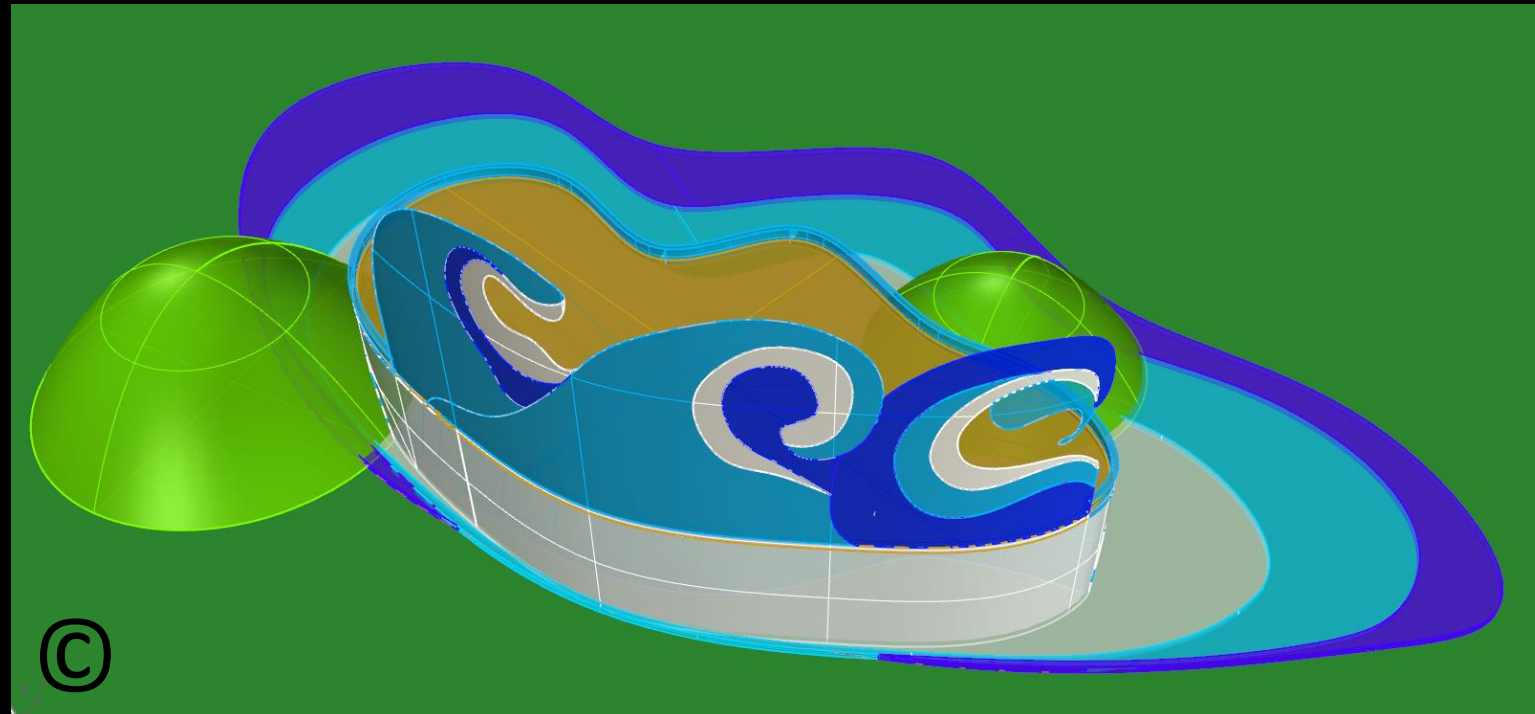
2. Play Zone No. 2 called “Sense of Sea” (basic model) and Users



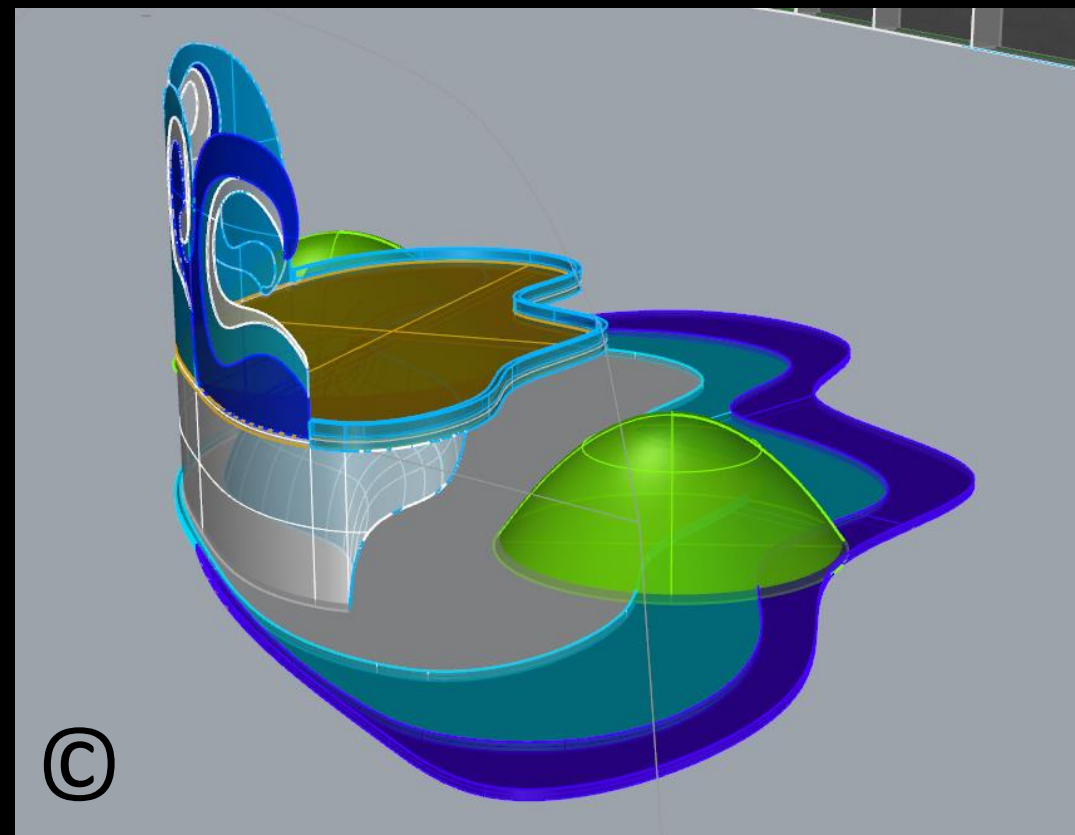
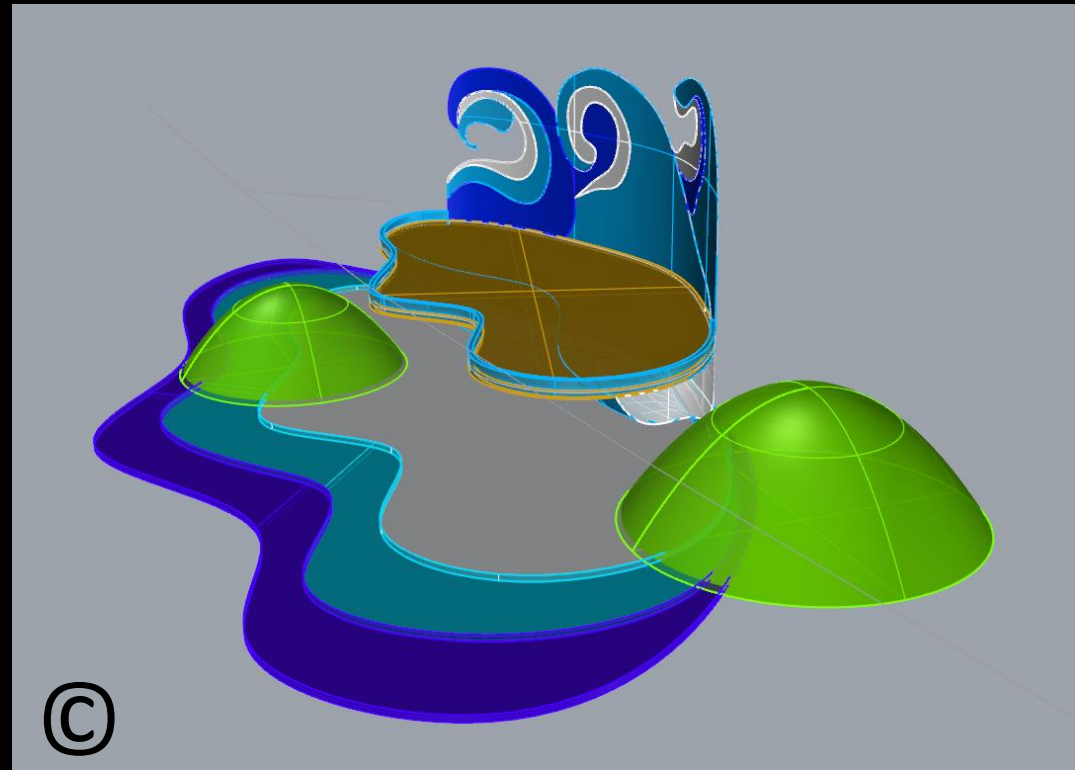
2. Play Zone No. 2 called “Sense of Sea” (basic model) and Users



2. Play Zone No. 2 called “Sense of Sea” (basic model)



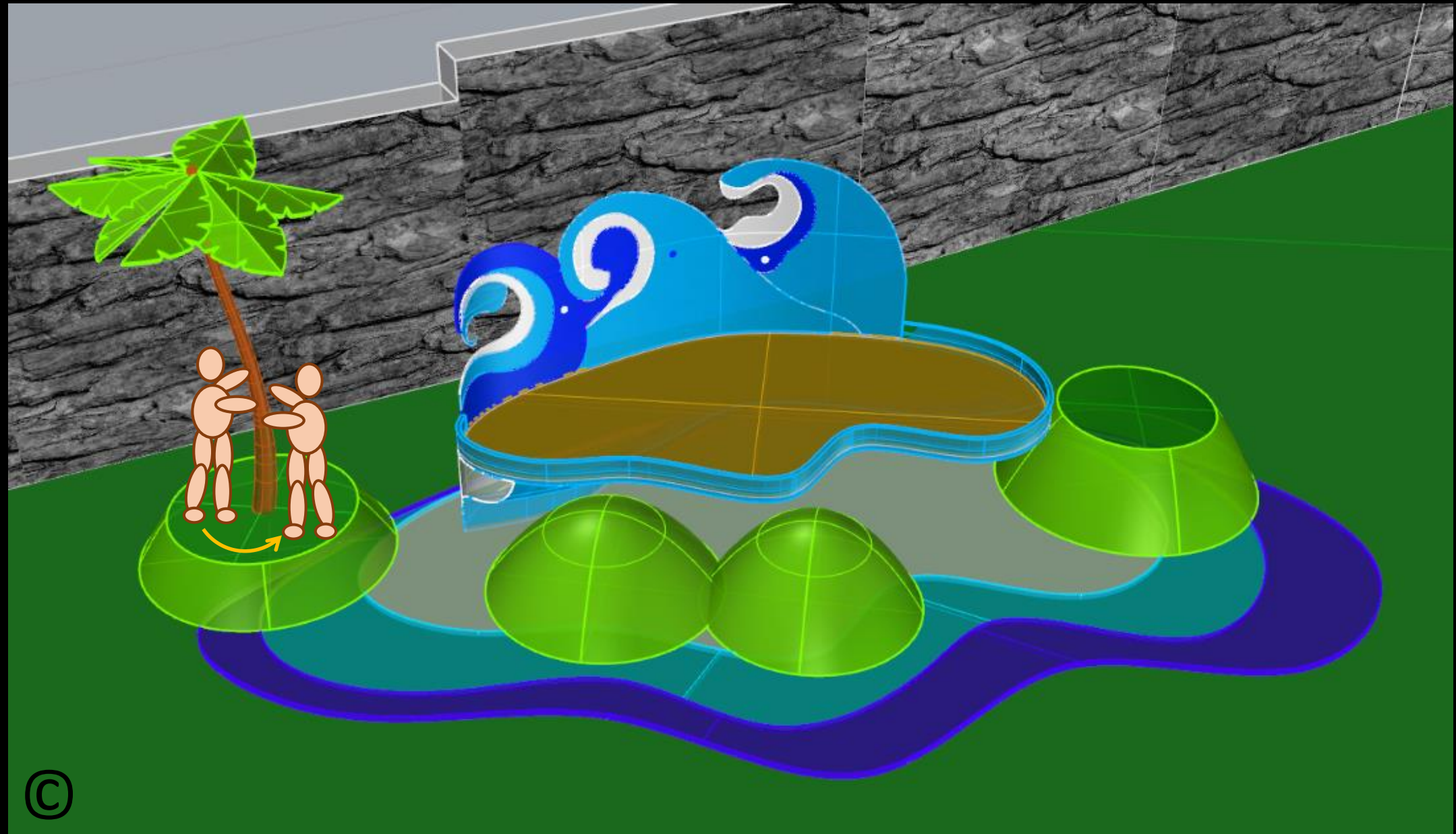
2. Play Zone No. 2 called “Sense of Sea” (basic model)



**1. Play Zone No. 2 called “Sense of Sea” (developed model)
in Last Design of Whole Playground**

- with palm-shaped spinner
- with turtle-shaped climbing hill
- with small automatic fountains

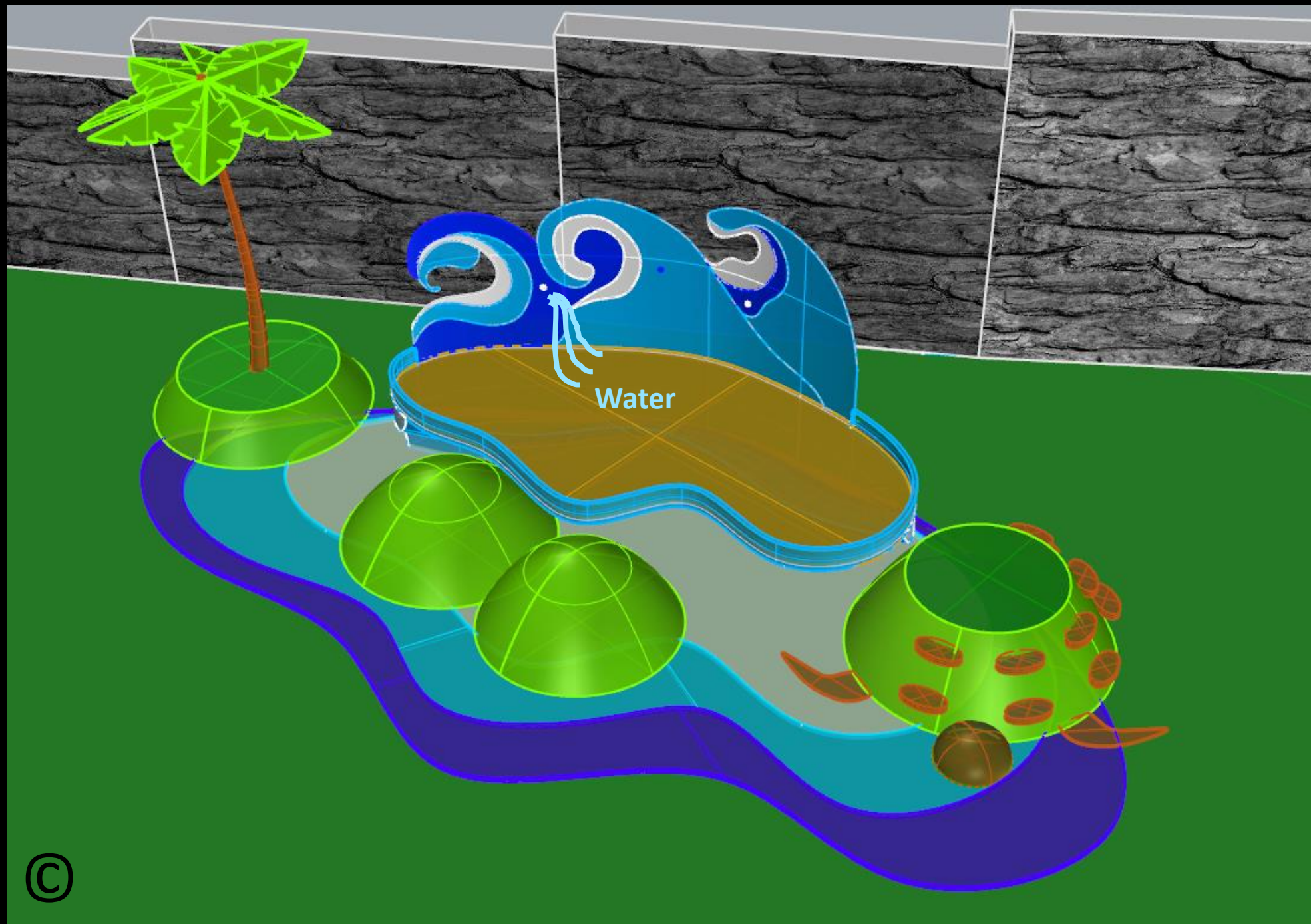
2. Play Zone No. 2 called “Sense of Sea” (developed model)



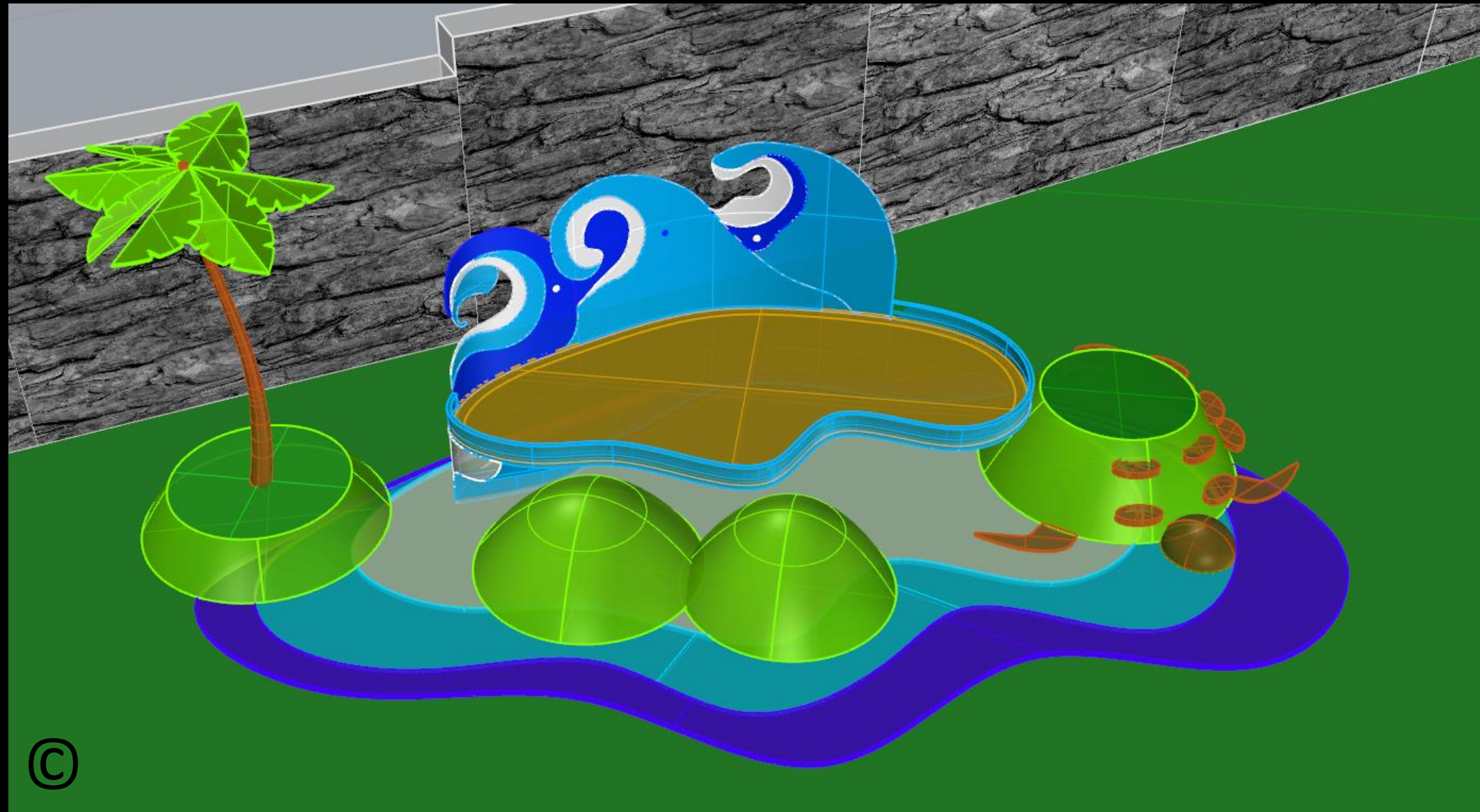
2. Play Zone No. 2 called “Sense of Sea” (developed model)



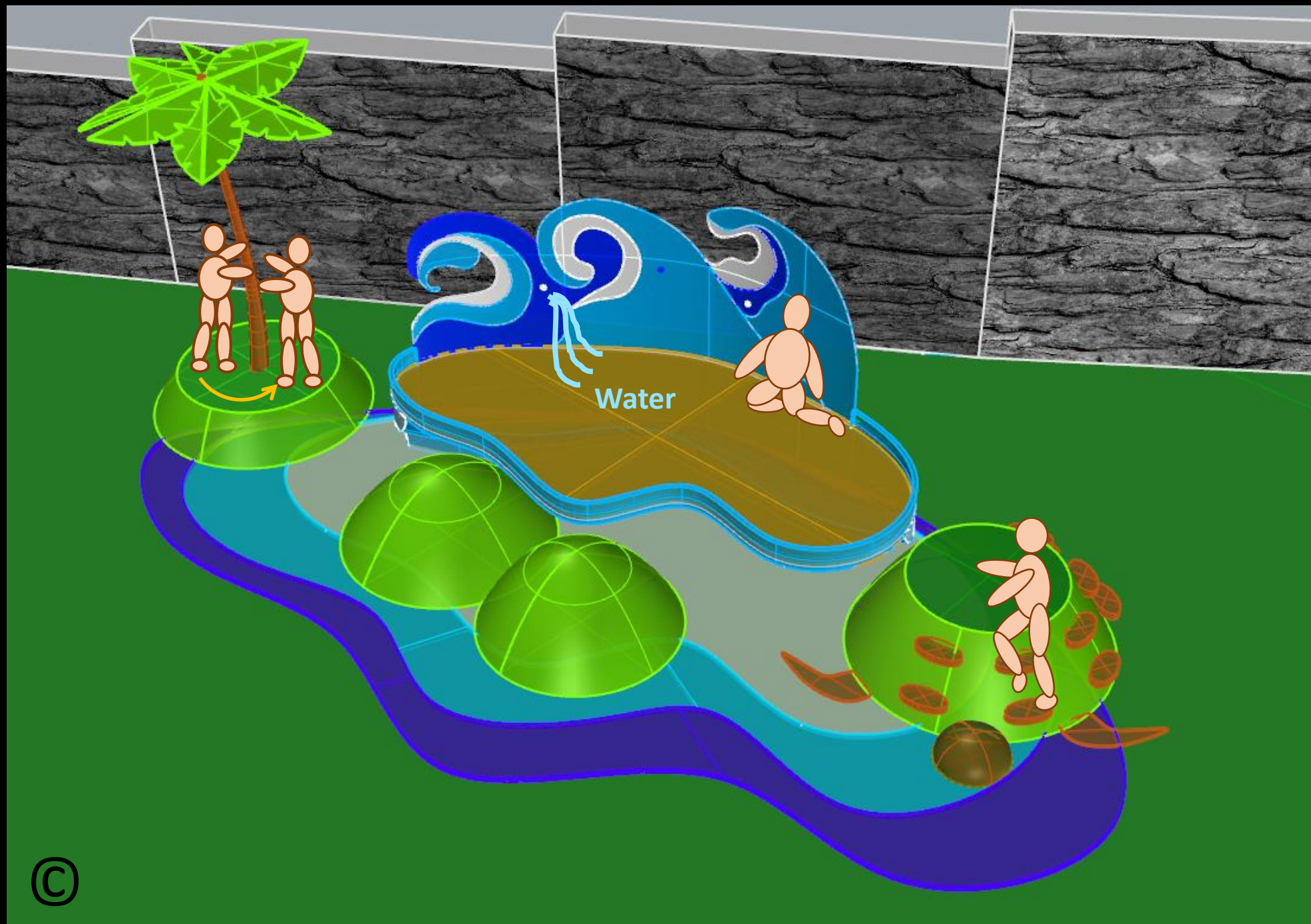
2. Play Zone No. 2 called “Sense of Sea” (developed model)



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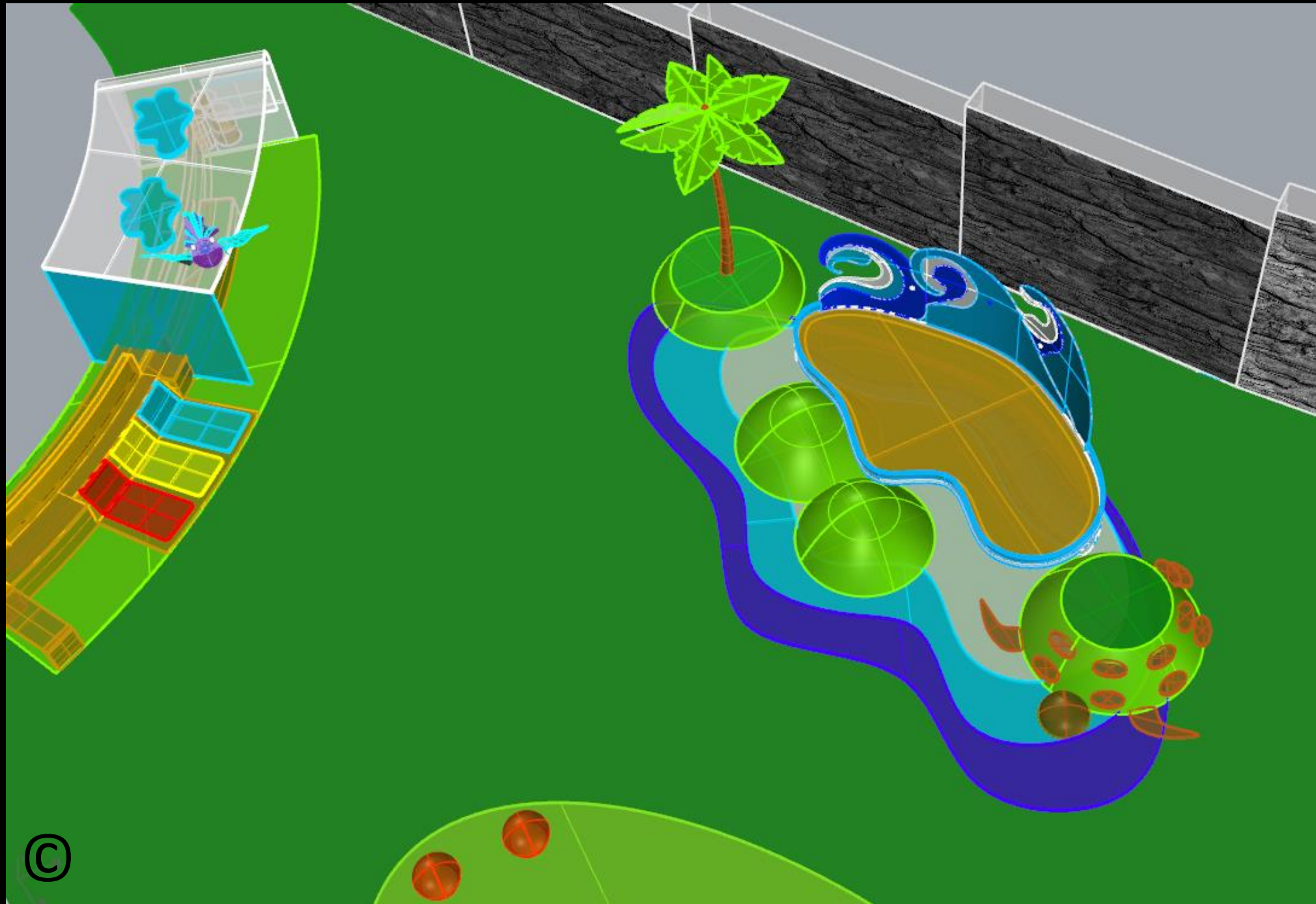


2. Play Zone No. 2 called “Sense of Sea” (developed model)

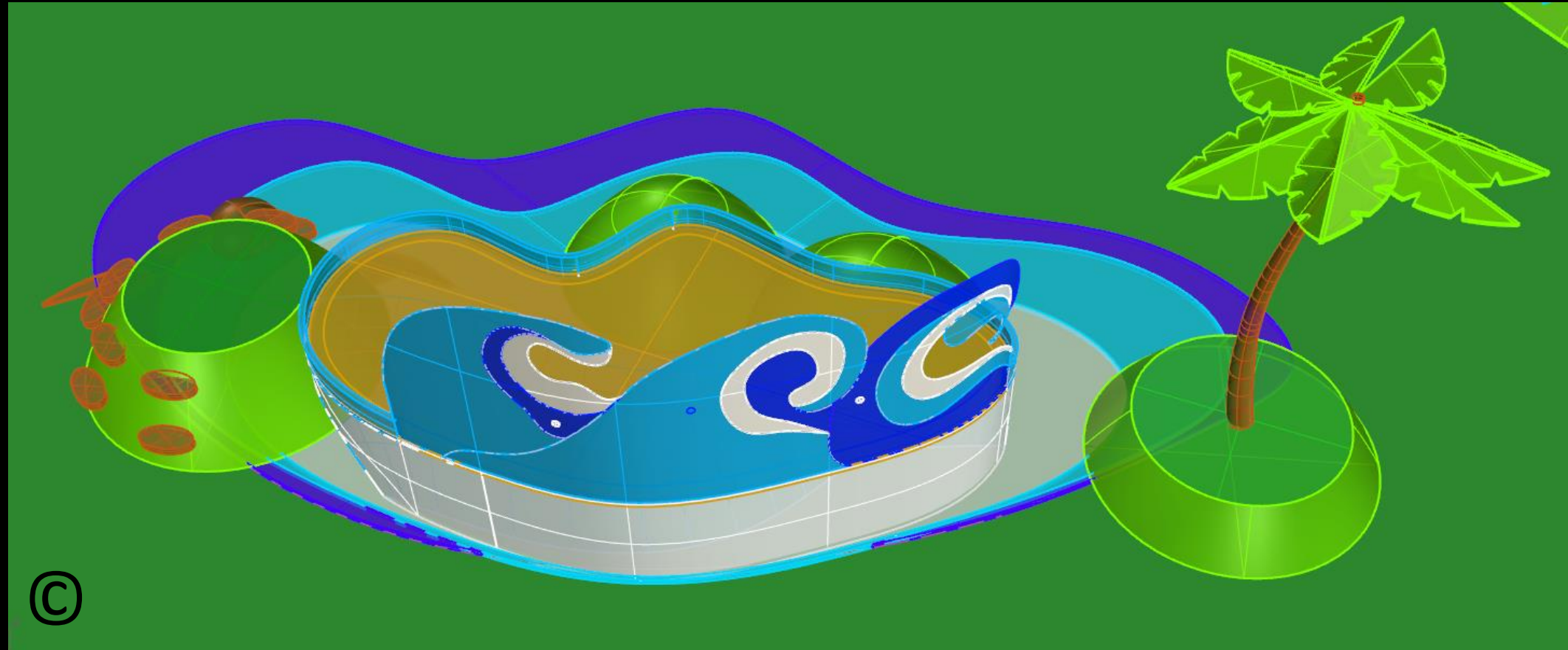


©

2. Play Zone No. 2 called “Sense of Sea” (developed model)



2. Play Zone No. 2 called “Sense of Sea” (developed model)

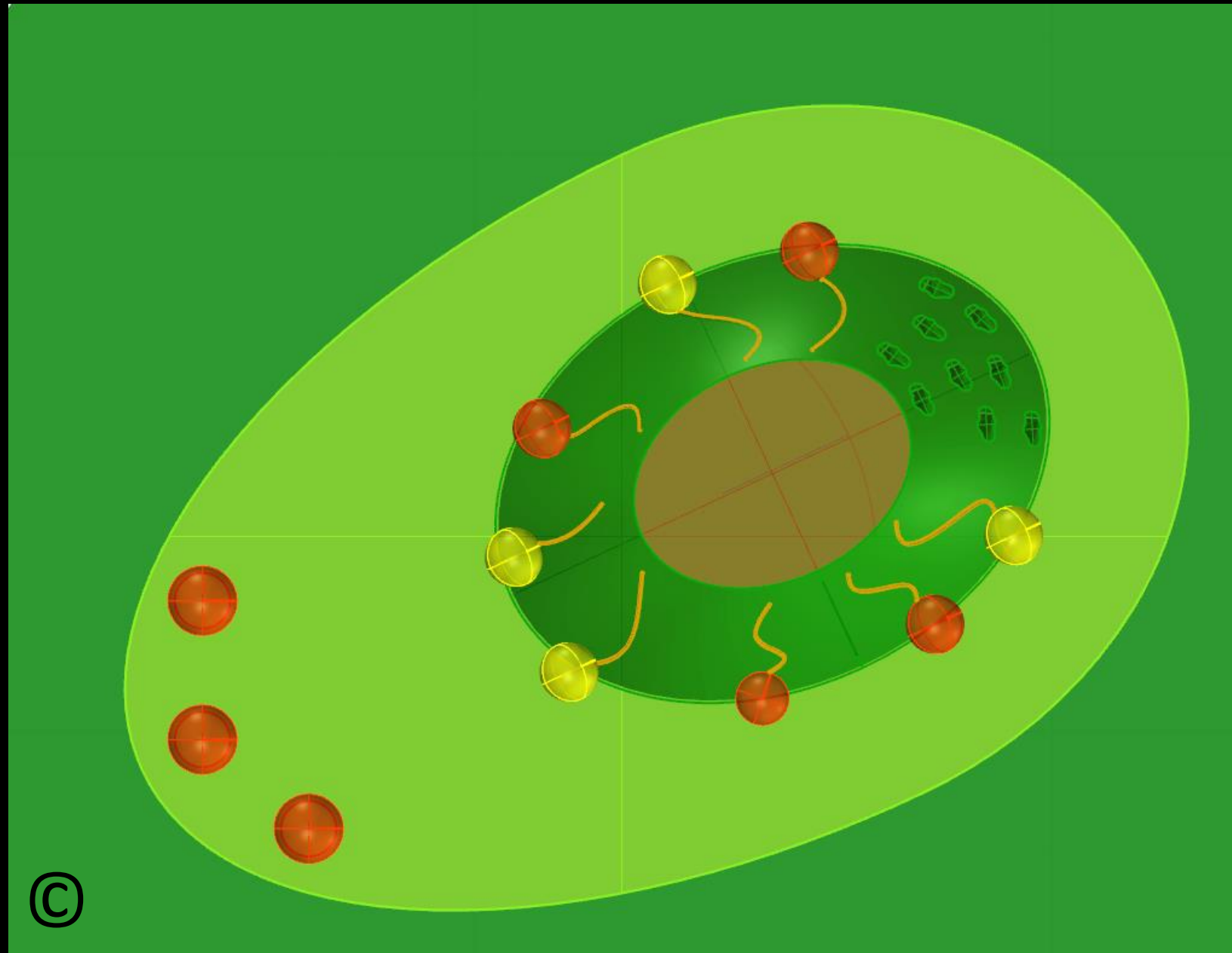


**Play Zone No. 3
called
“Hill of Flying Balls”
(in 2 models)**

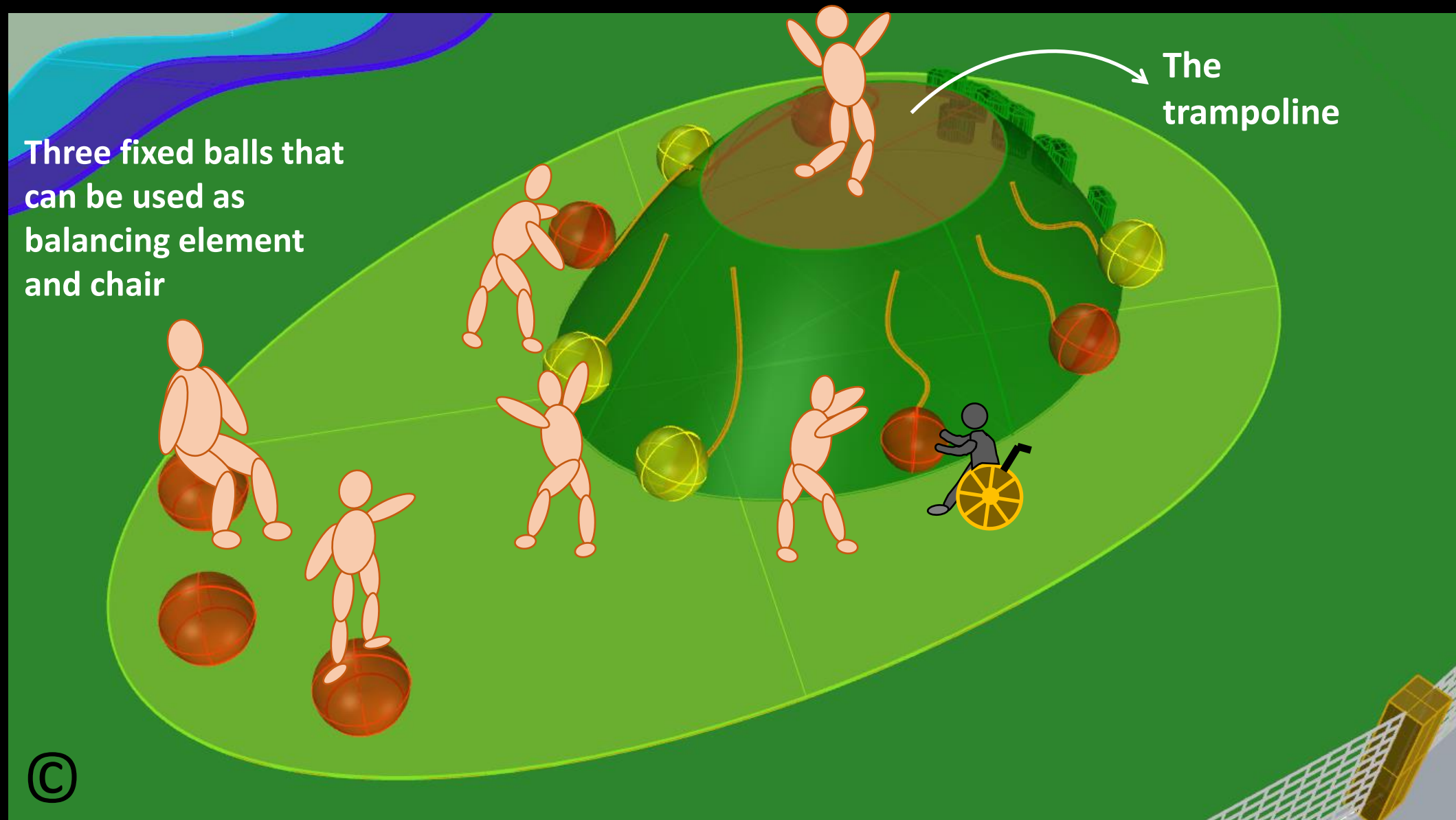
3. Play Zone No. 3 called “Hill of Flying Balls” (main model)



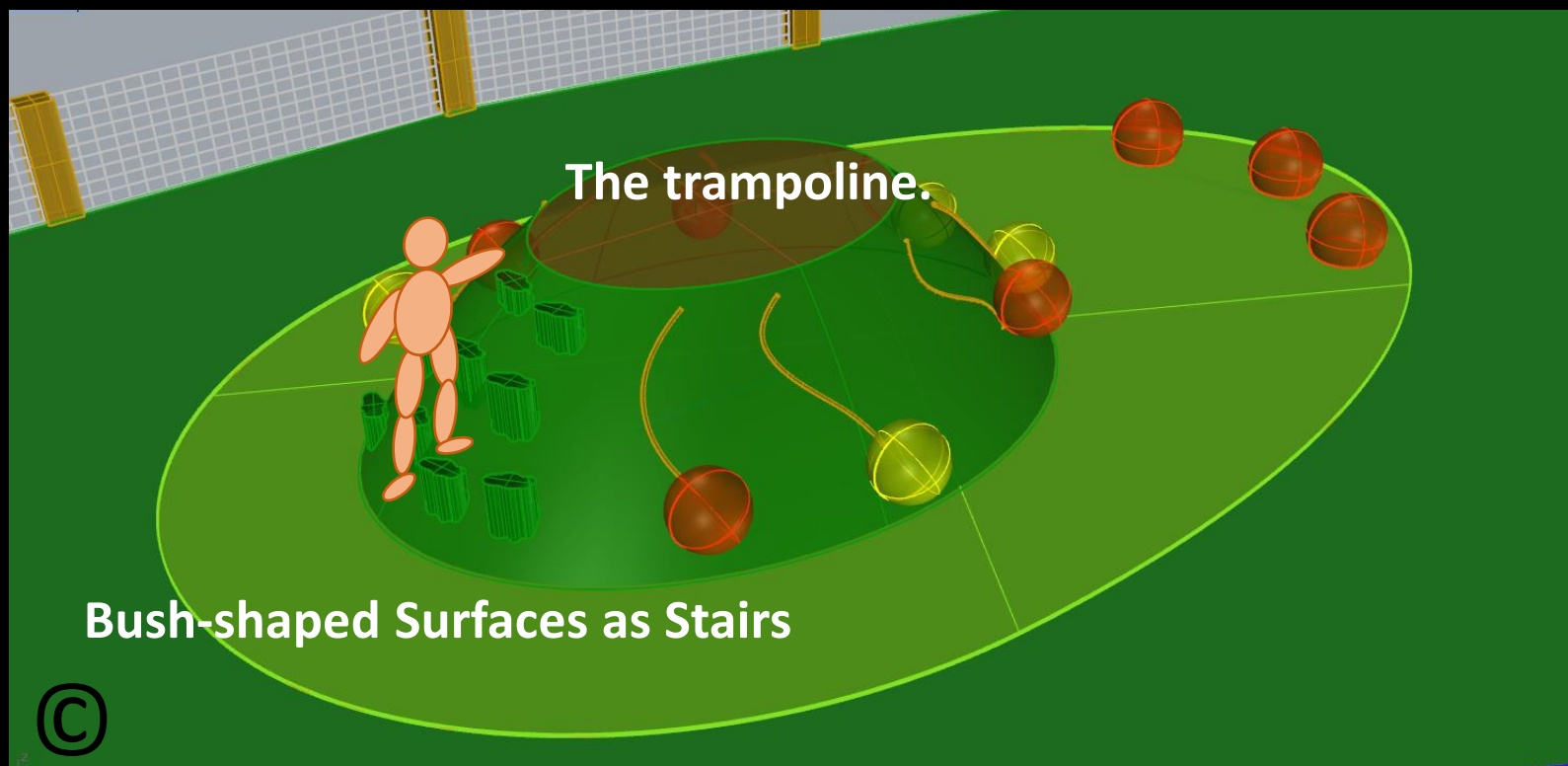
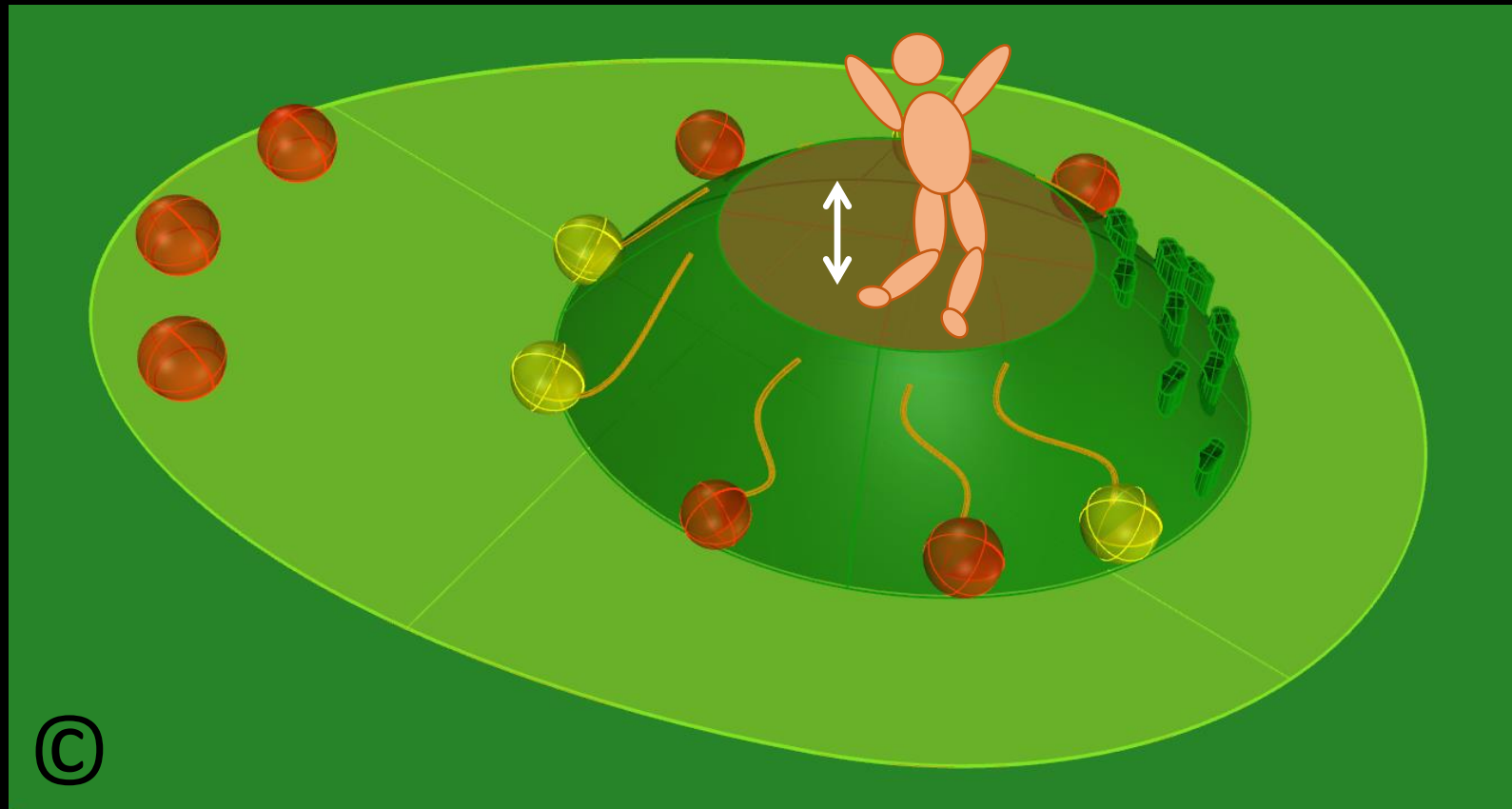
3. Play Zone No. 3 called “Hill of Flying Balls” (main model)



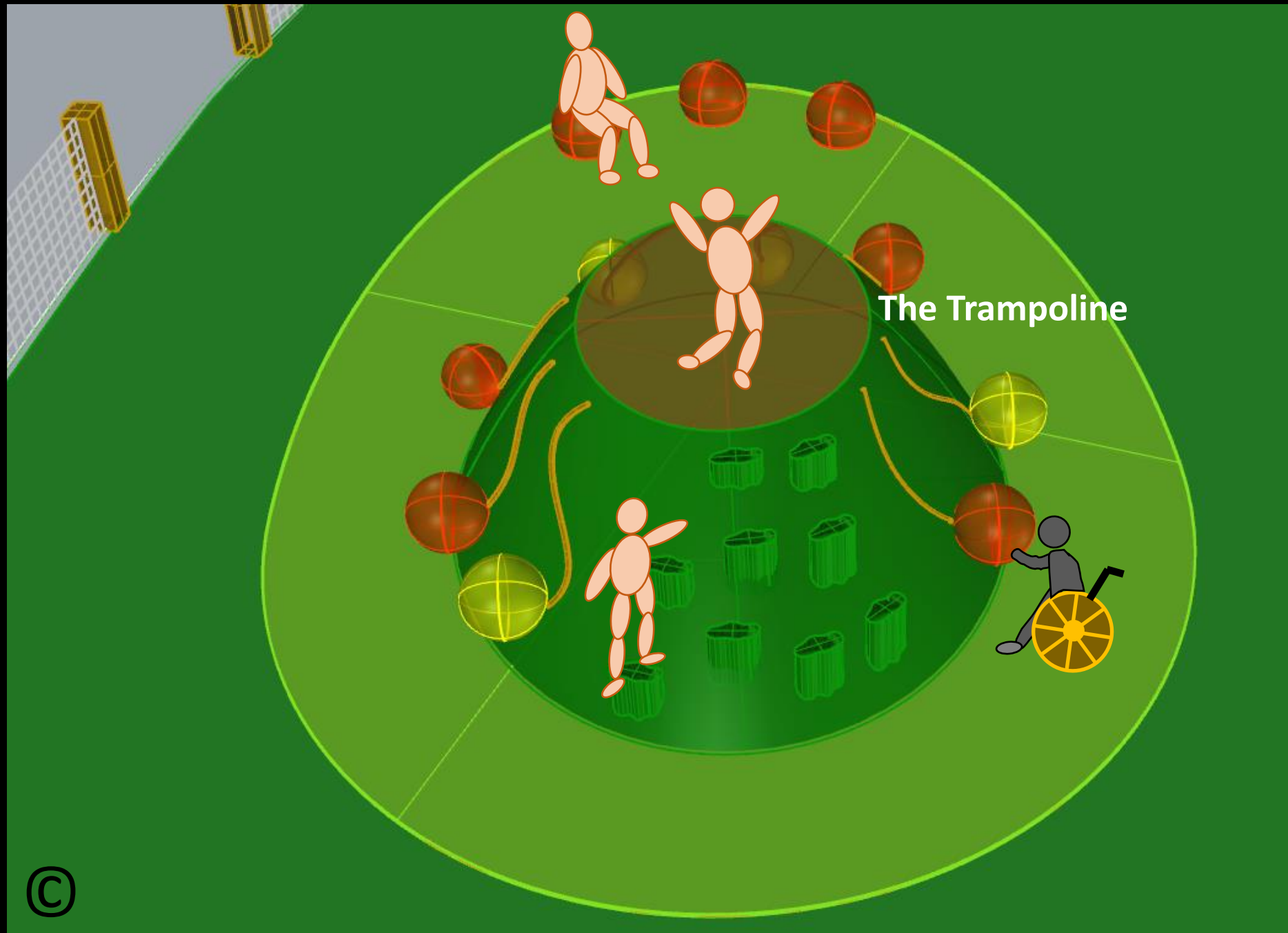
3. Play Zone No. 3 called “Hill of Flying Balls” (main model) and Users



3. Play Zone No. 3 called “Hill of Flying Balls” (main model)

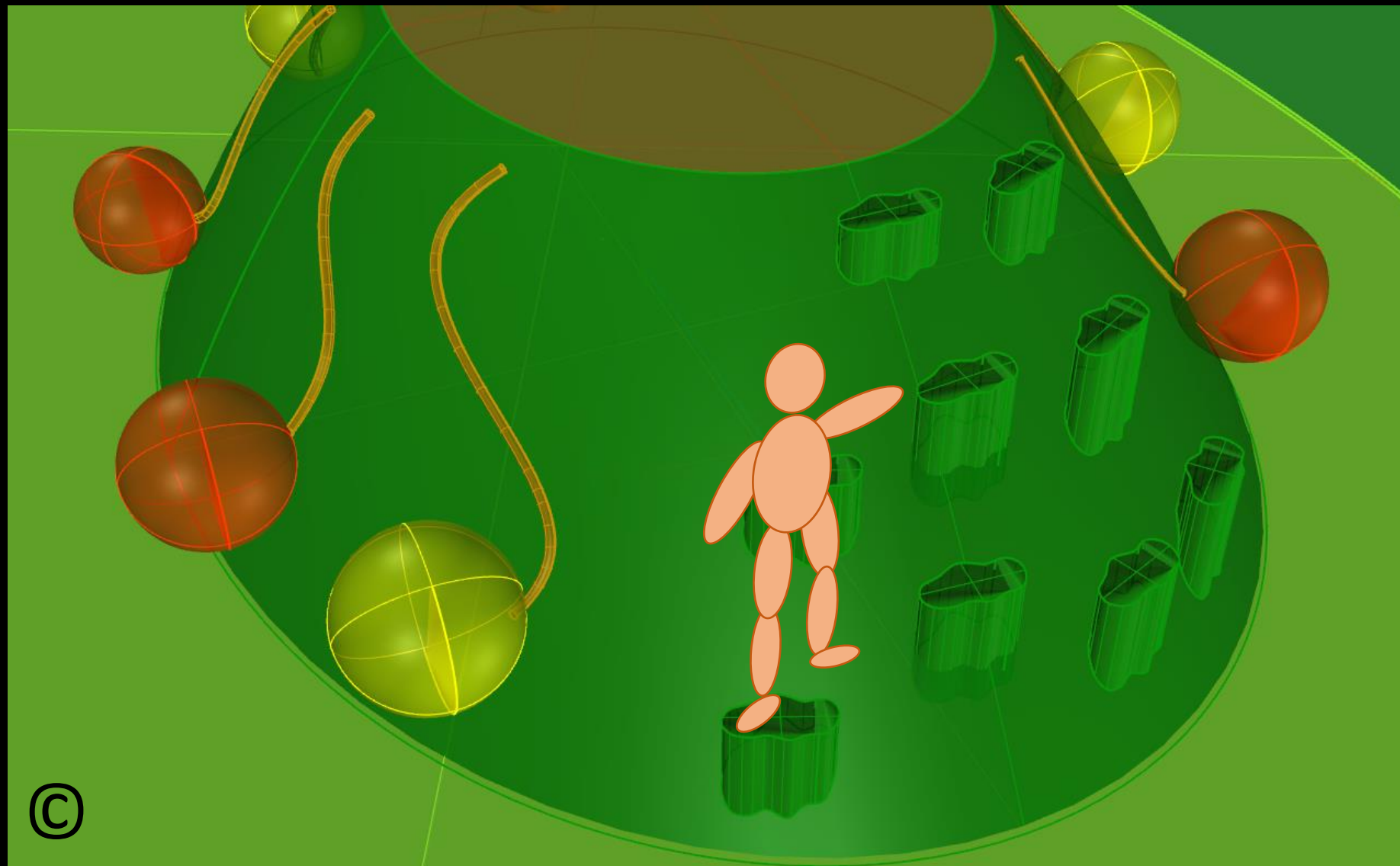


3. Play Zone No. 3 called “Hill of Flying Balls” (main model)

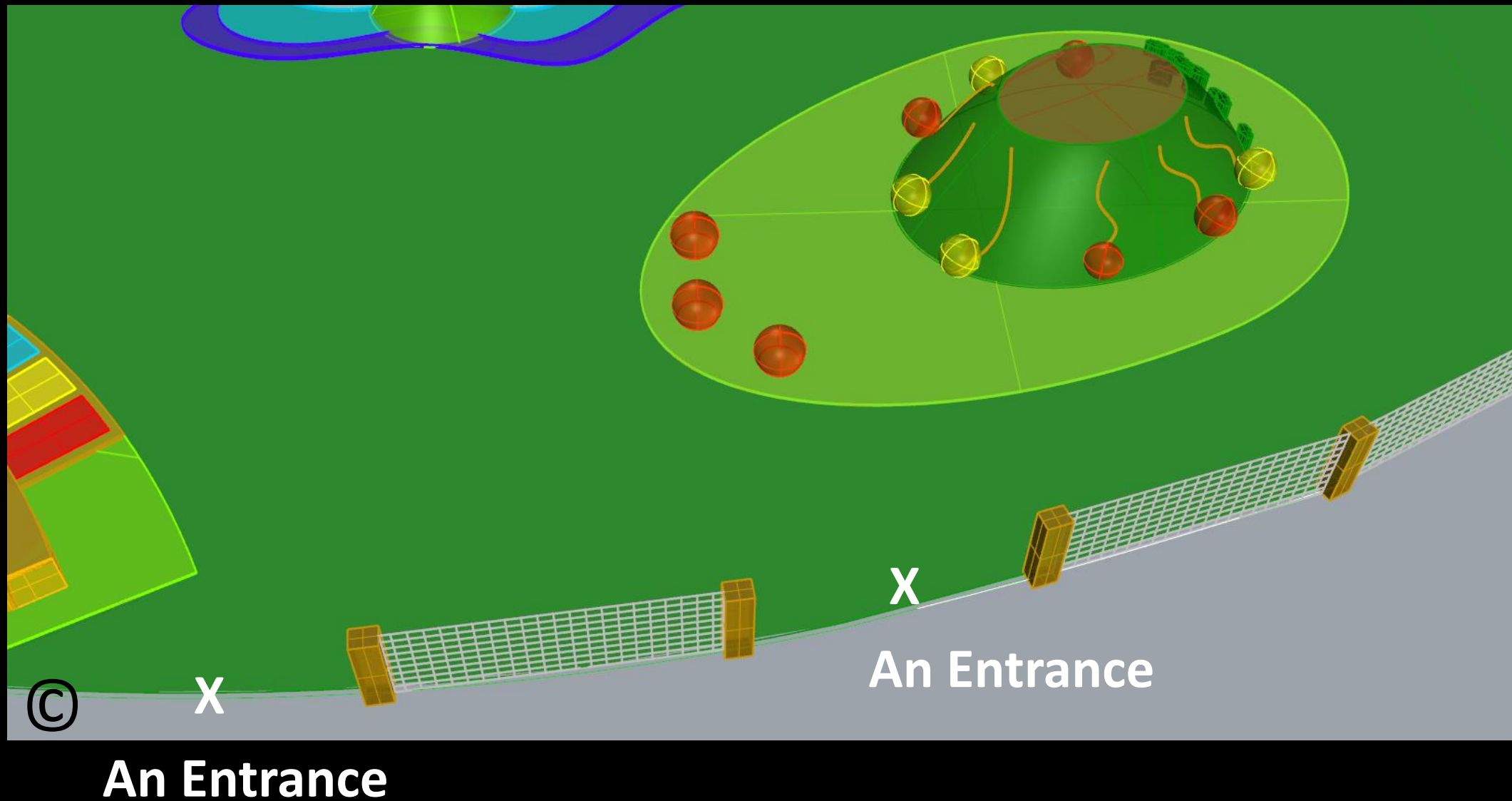


The bush-shaped surfaces – that have been installed on the hill — are used as stairs. Children used them to climb up/down the hill and access the trampoline.

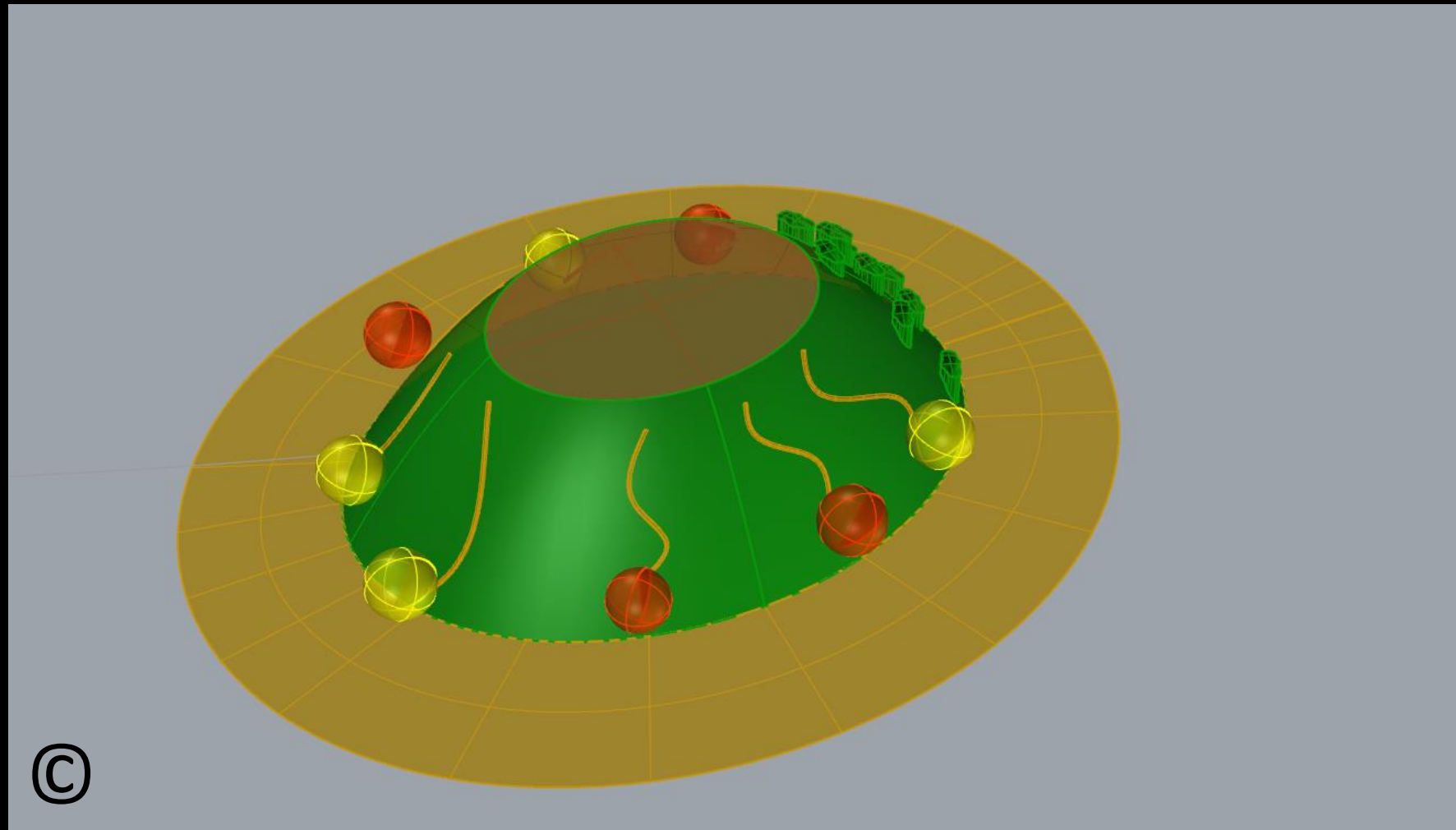
3. Play Zone No. 3 called “Hill of Flying Balls” (main model)



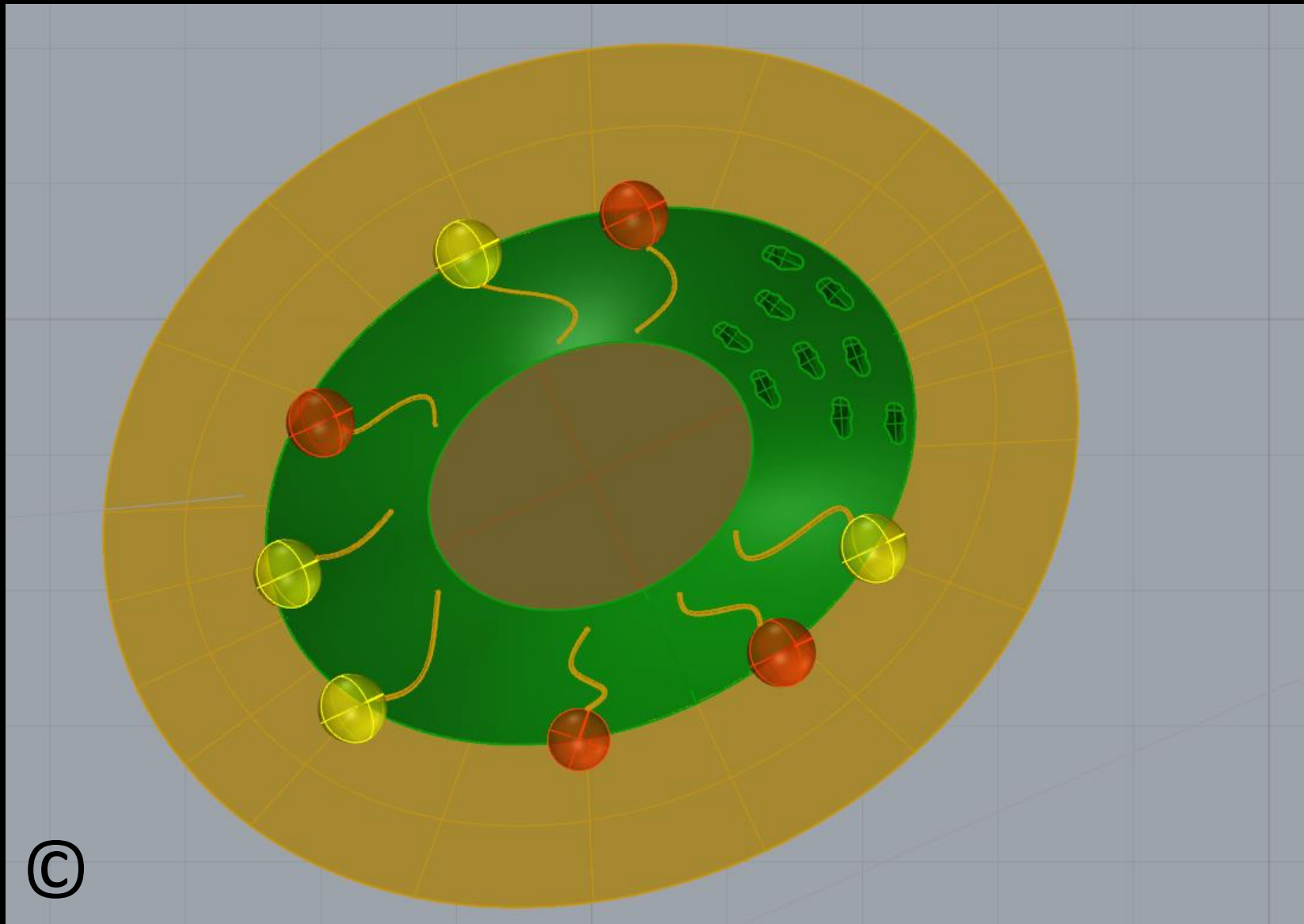
3. Play Zone No. 3 called “Hill of Flying Balls” (main model)



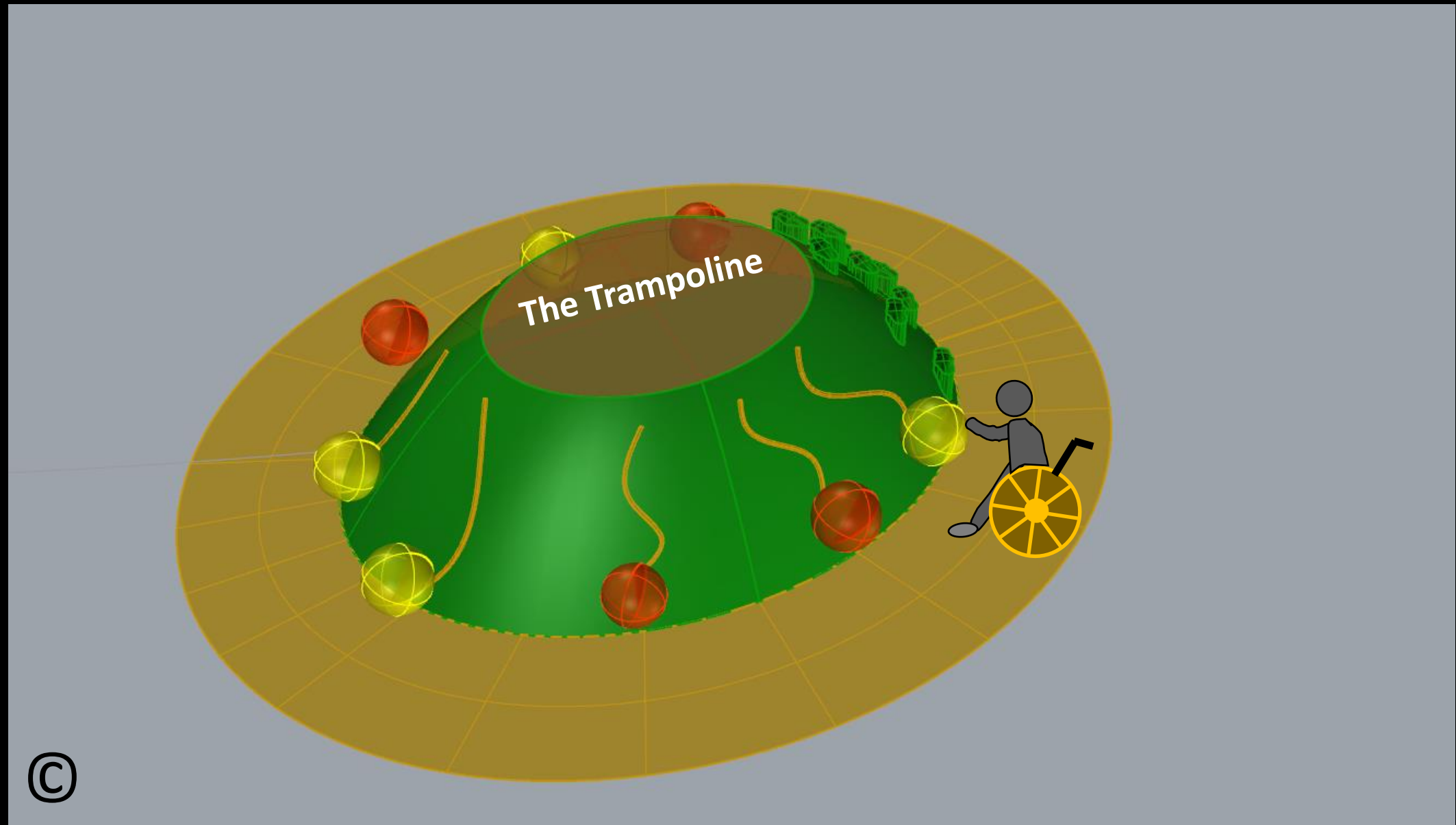
**3. Play Zone No. 3 called “Hill of Flying Balls”
(another model which is without fix balls and can be used for smaller area)**



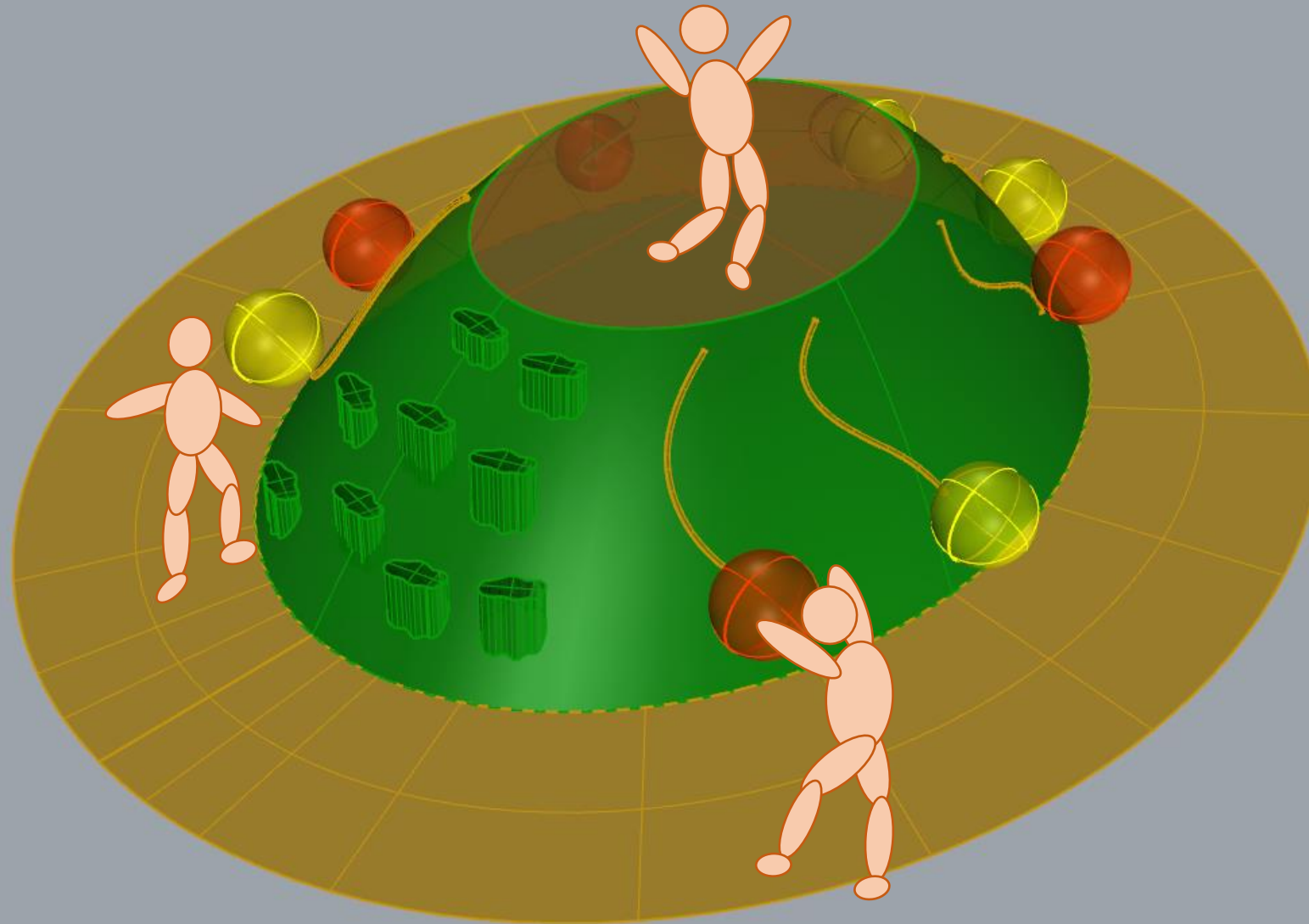
3. Play Zone No. 3 called “Hill of Flying Balls” (simple model)



3. Play Zone No. 3 called “Hill of Flying Balls” (simple model)



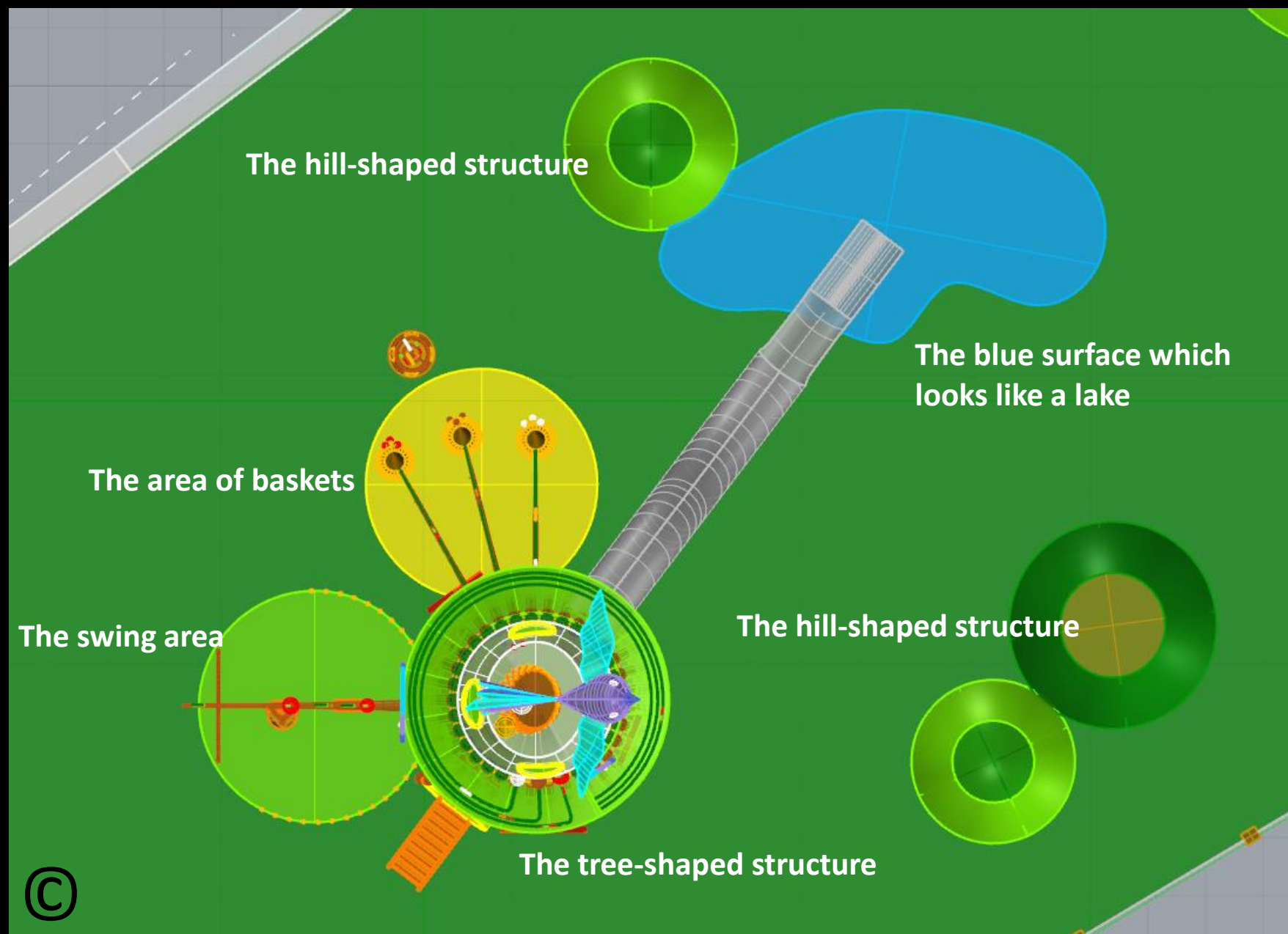
3. Play Zone No. 3 called “Hill of Flying Balls” (simple model)



©

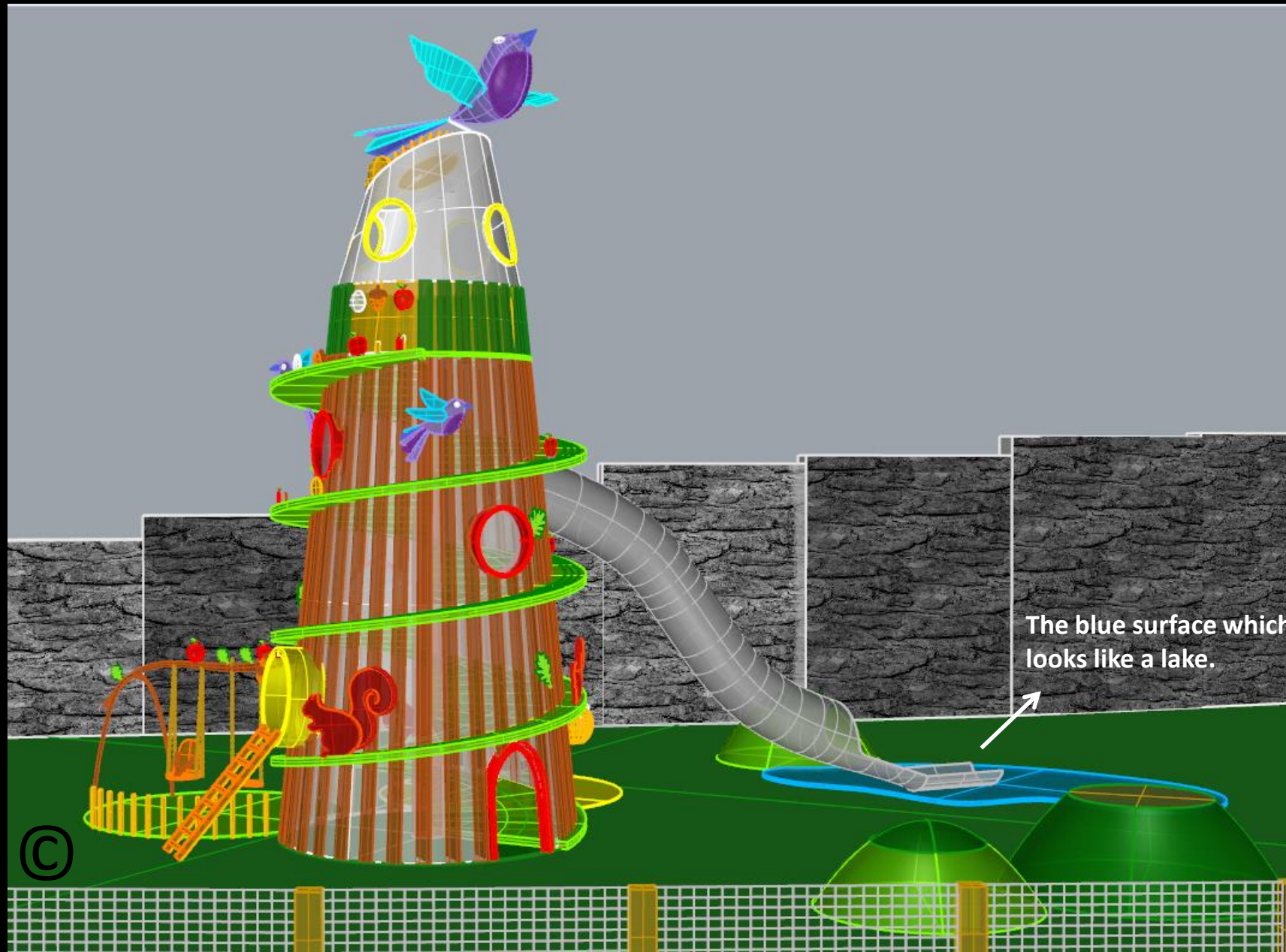
**Play Zone No. 4
called
“Tree of Adventure”**

4. Play Zone No. 4 called “Tree of Adventure”



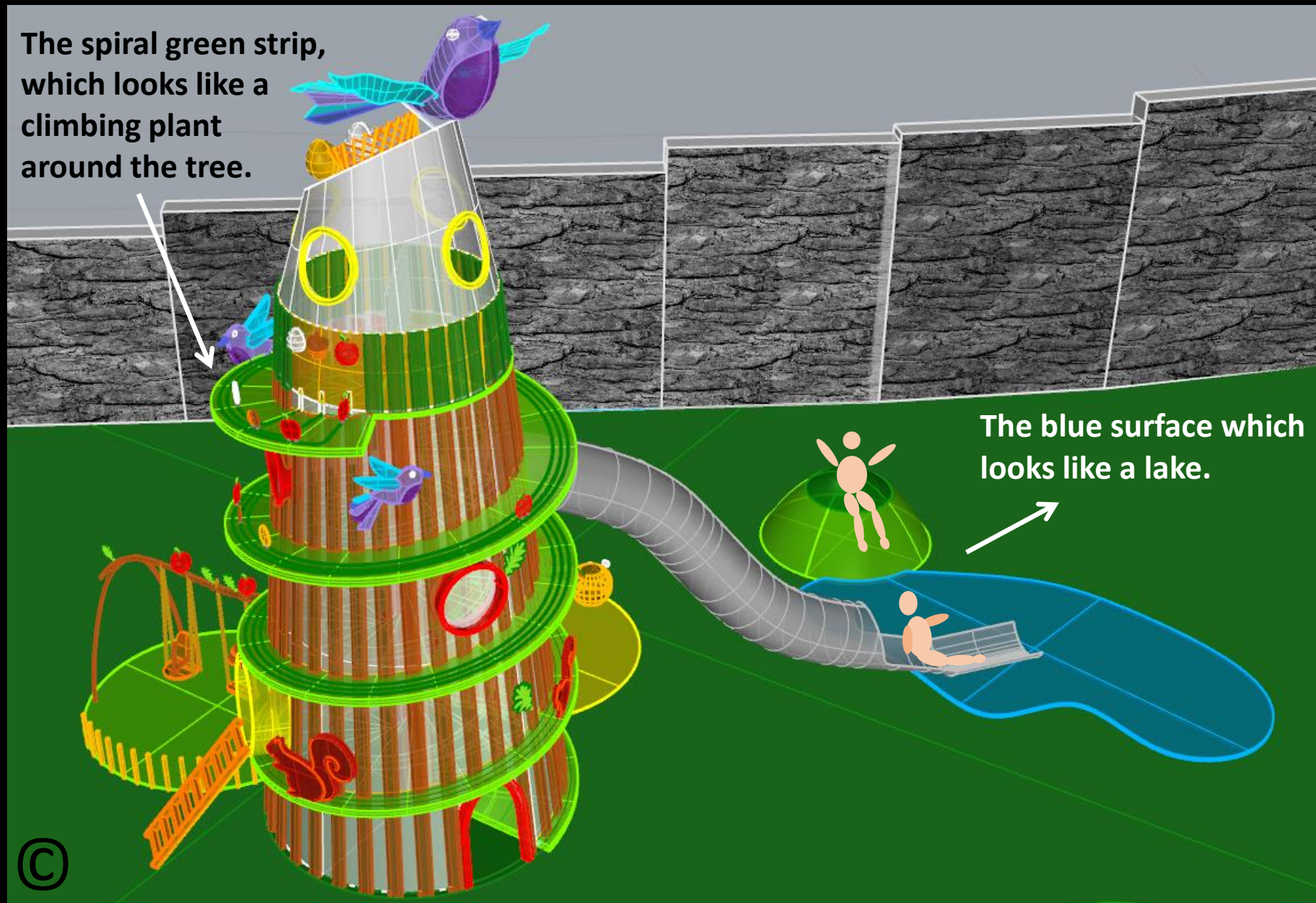
Top View

4. Play Zone No. 4 called “Tree of Adventure”



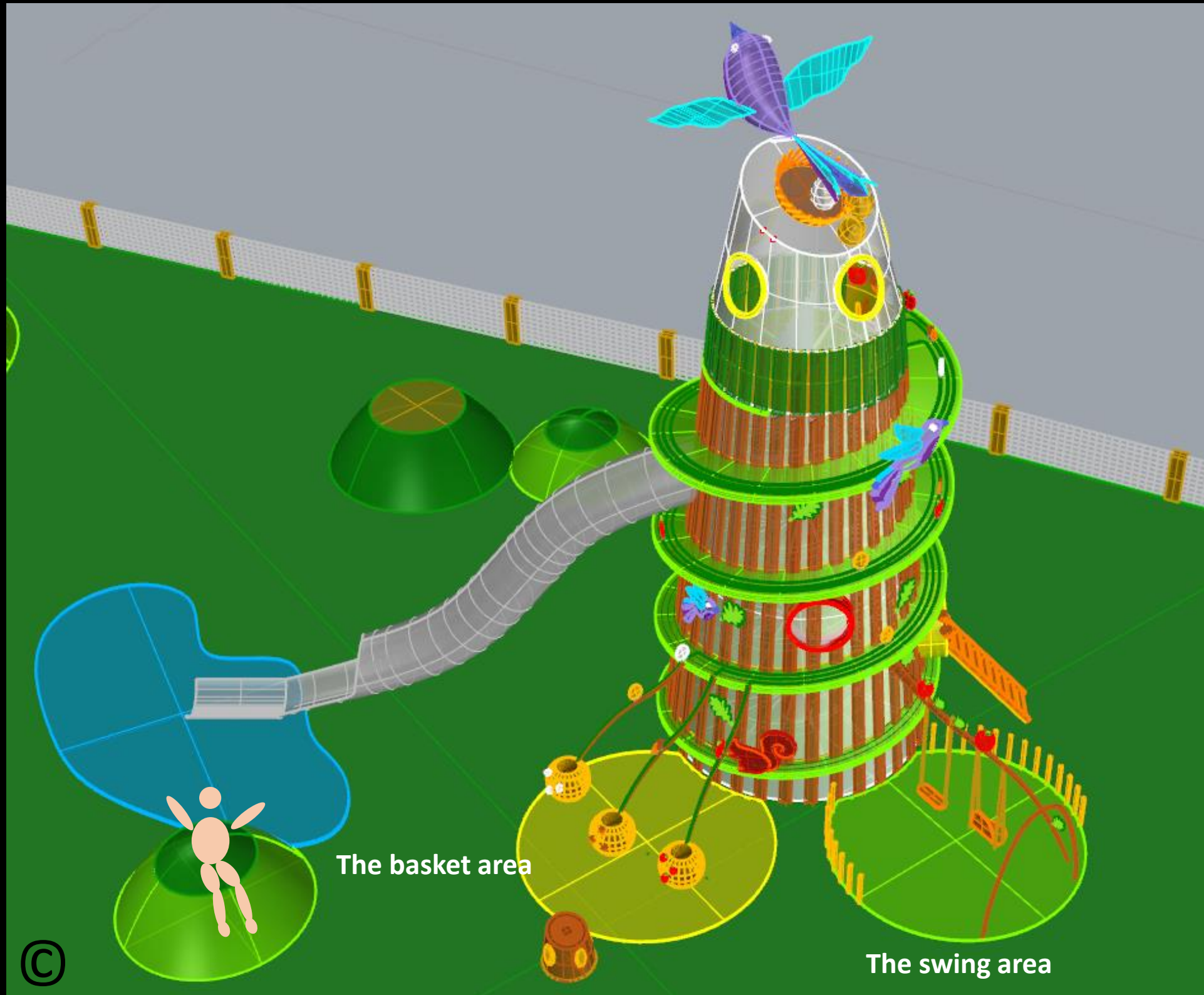
Front View

4. Play Zone No. 4 called “Tree of Adventure”



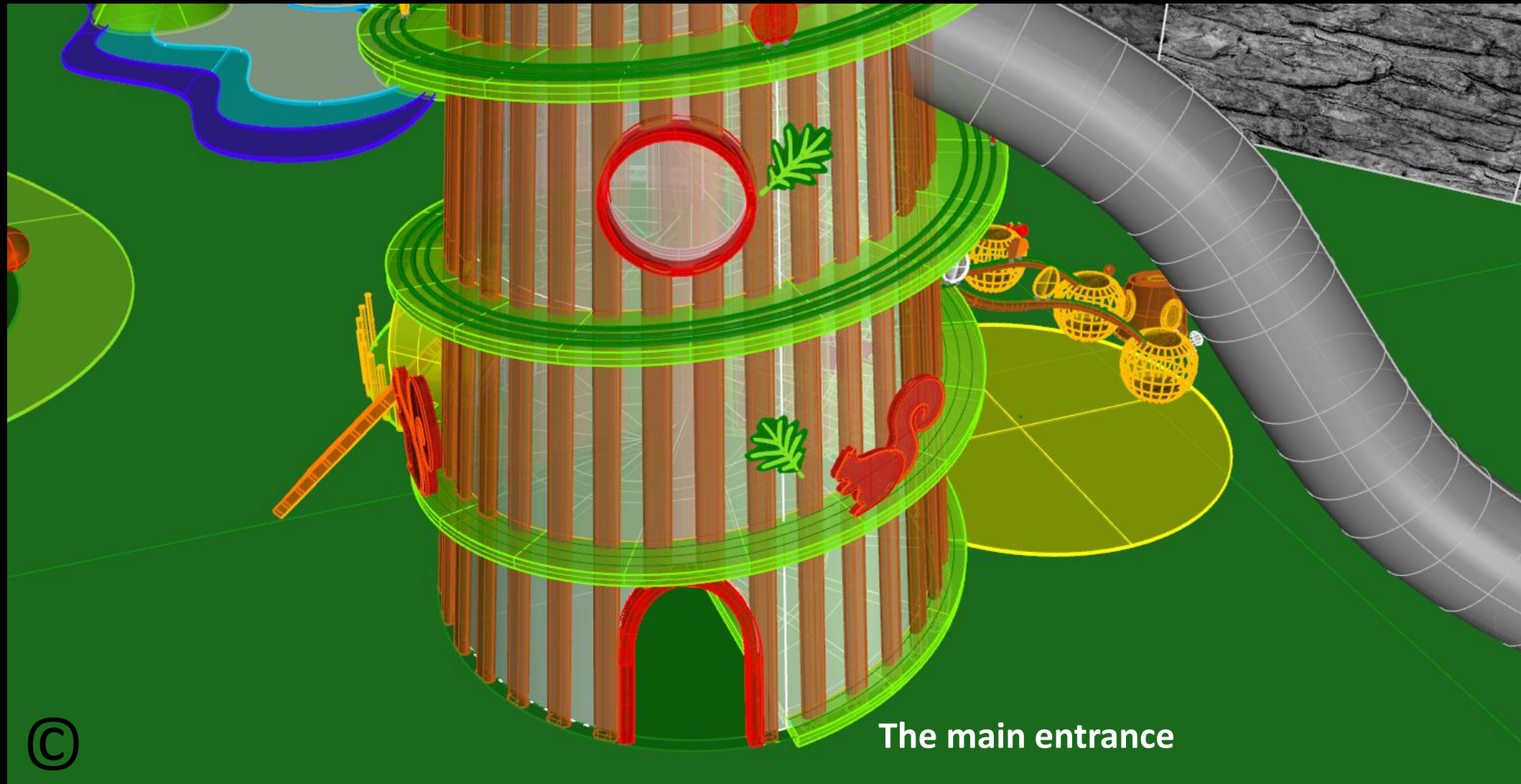
Front Perspective View

4. Play Zone No. 4 called “Tree of Adventure”



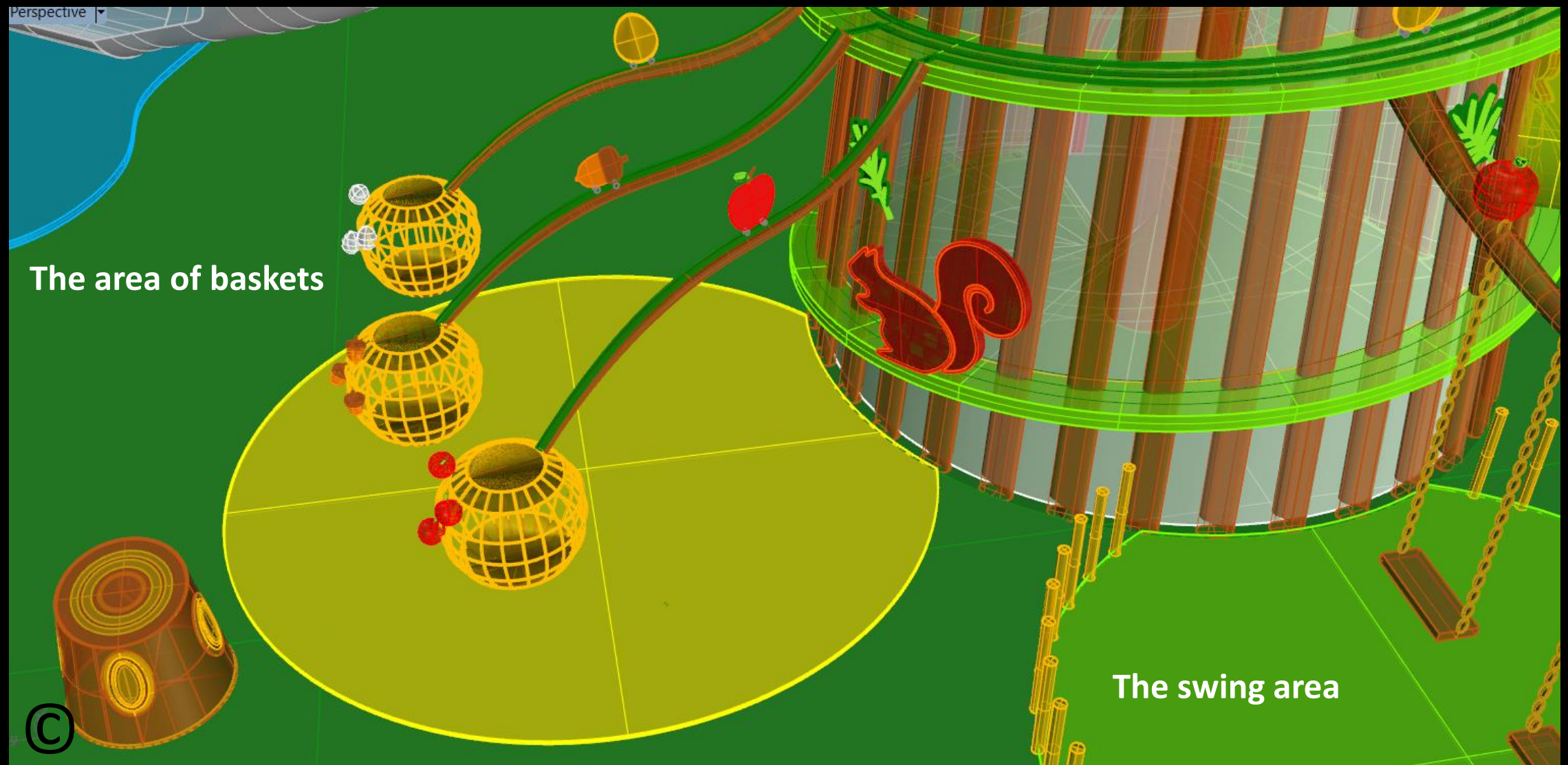
Back Perspective View

4. Play Zone No. 4 called “Tree of Adventure”



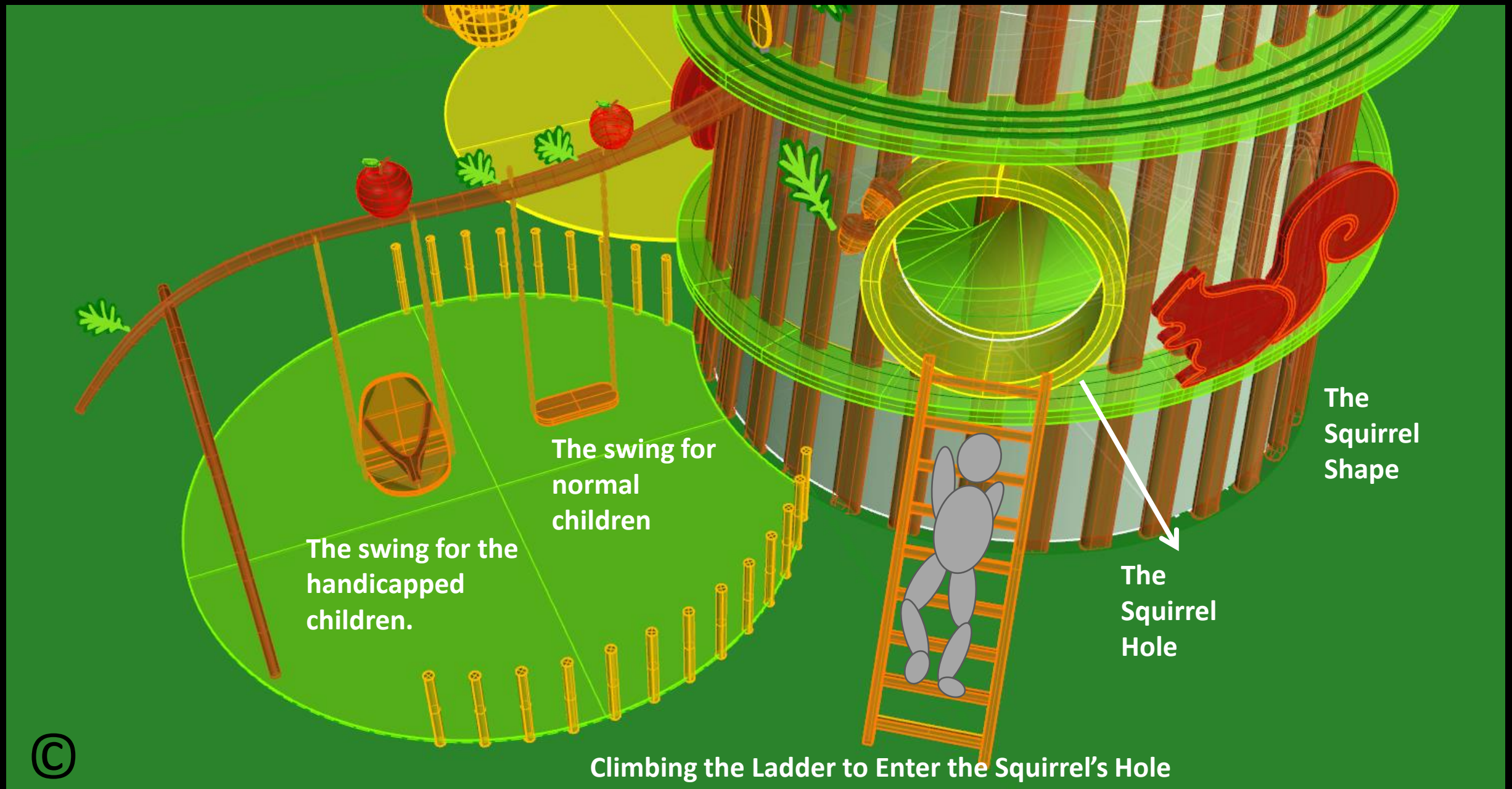
The Entrance

4. Play Zone No. 4 called “Tree of Adventure”



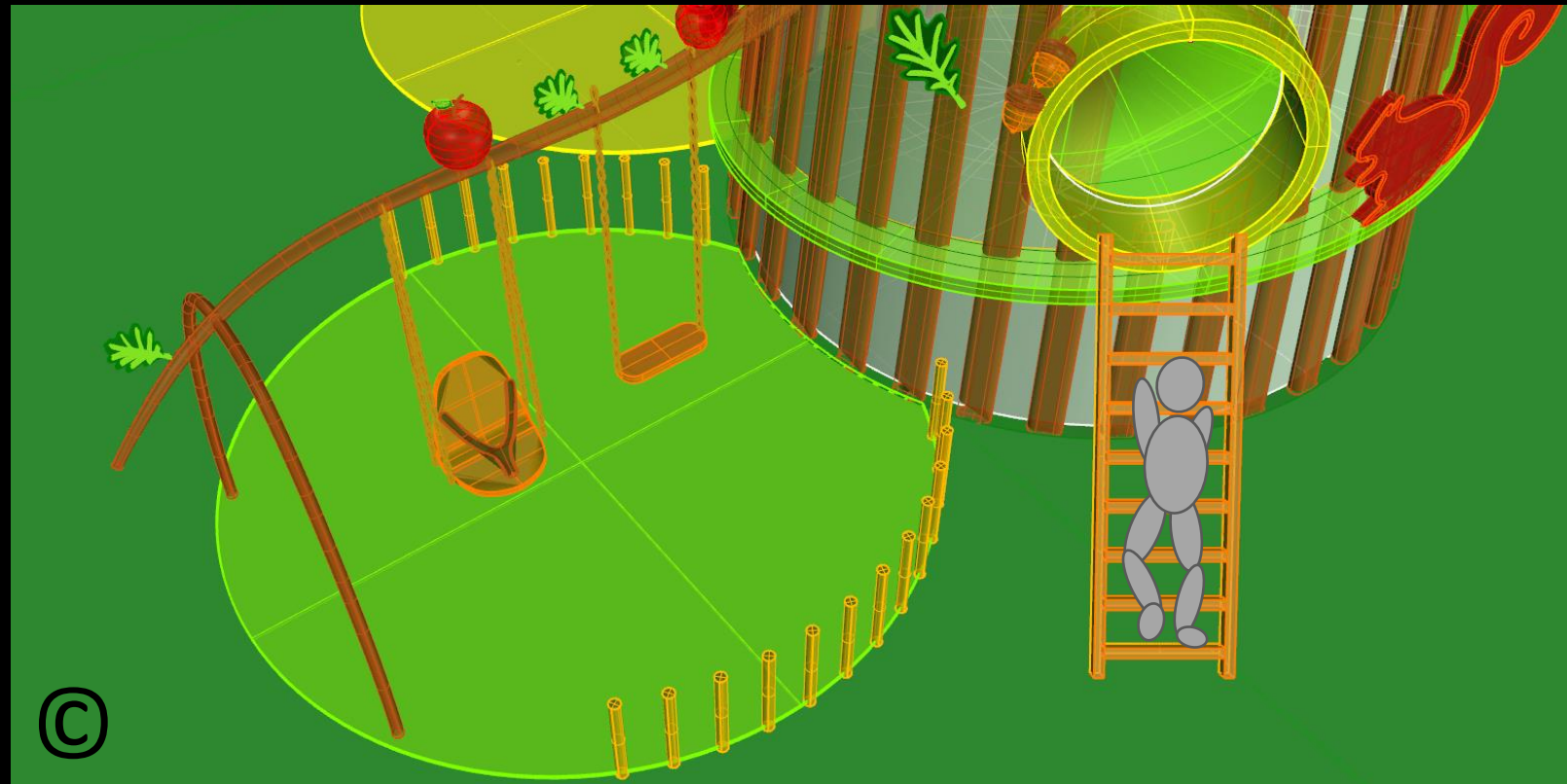
- The area of baskets and branches
- The swing area

4. Play Zone No. 4 called “Tree of Adventure”

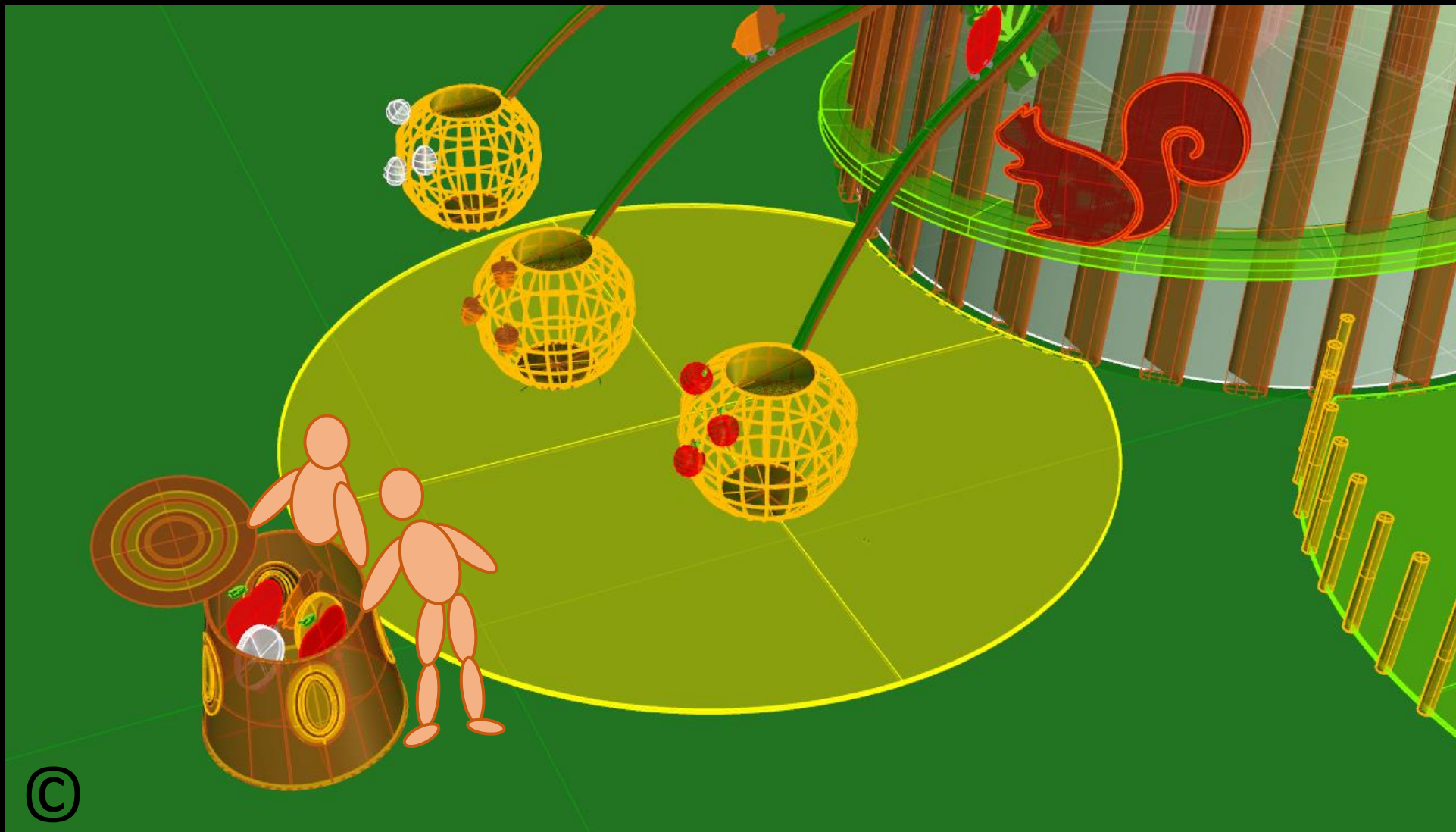
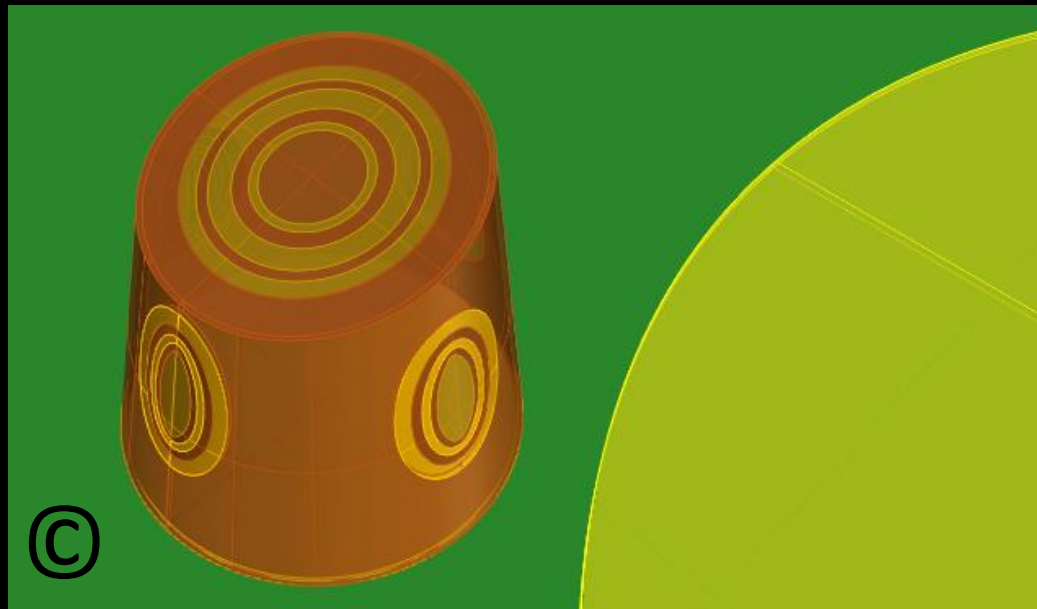


- The Area of Baskets
- The Swings
- The Squirrel's Hole and Ladder

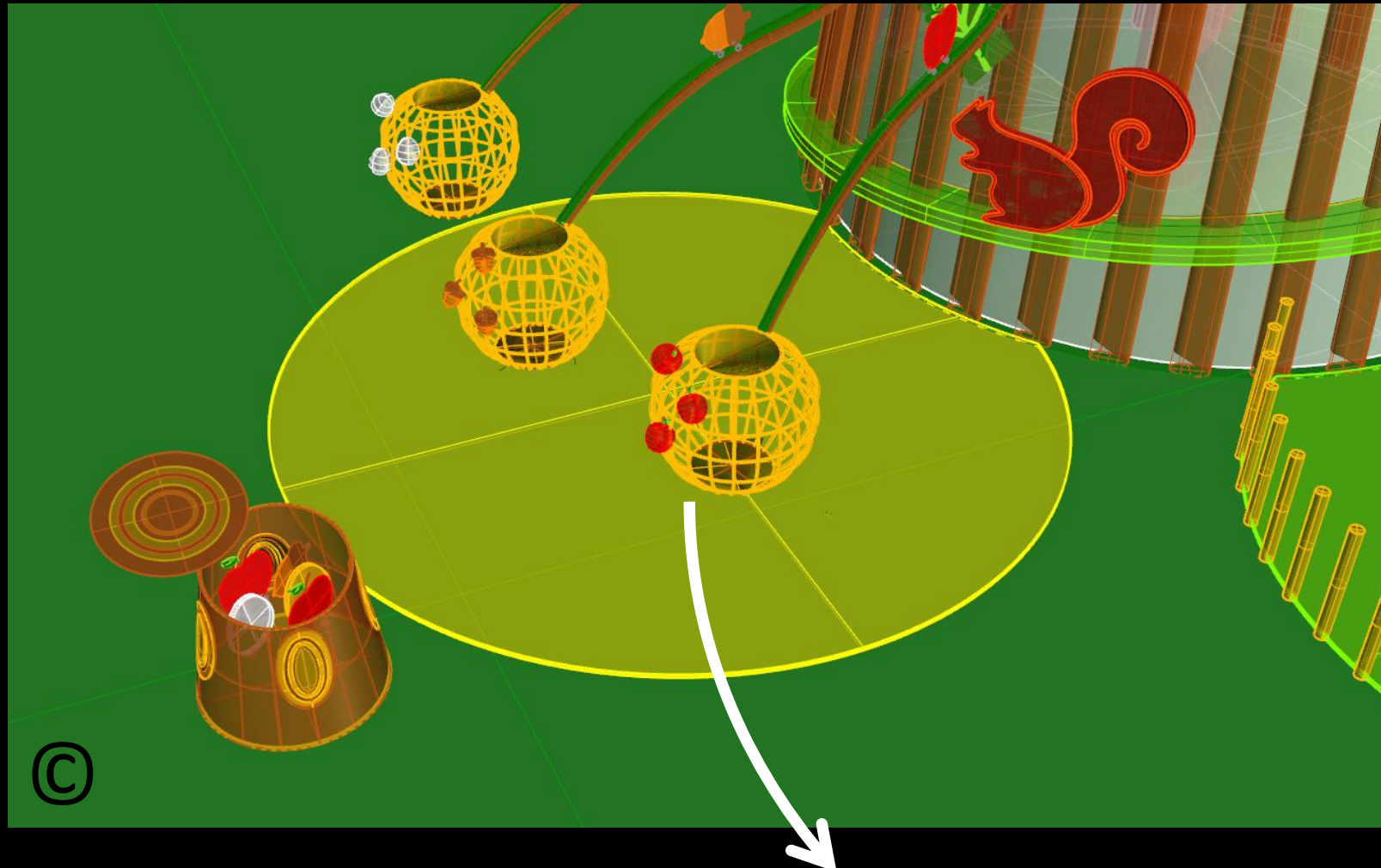
4. Play Zone No. 4 called “Tree of Adventure”



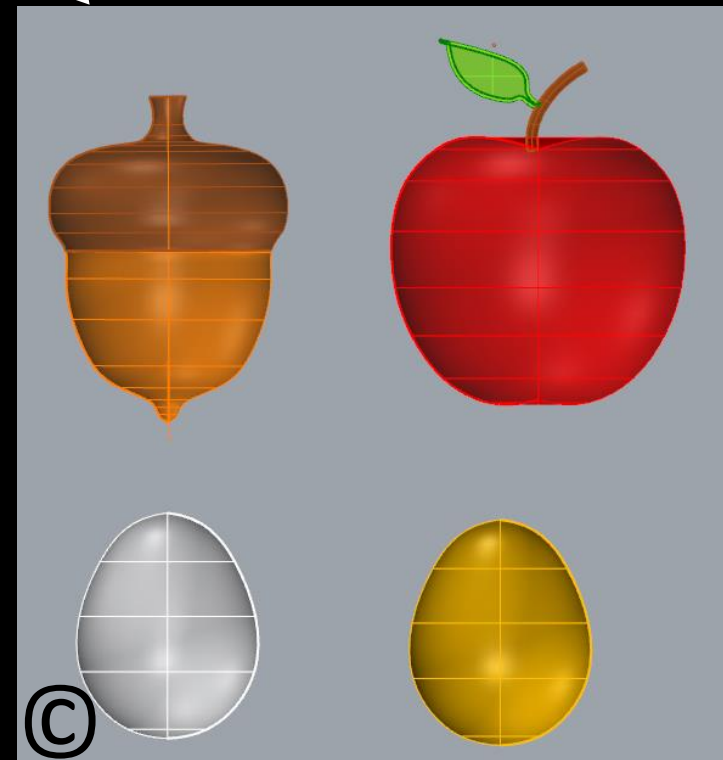
The Phase of the Game (see No. 4 in Section 13.2.3.2., in Chapter 13)



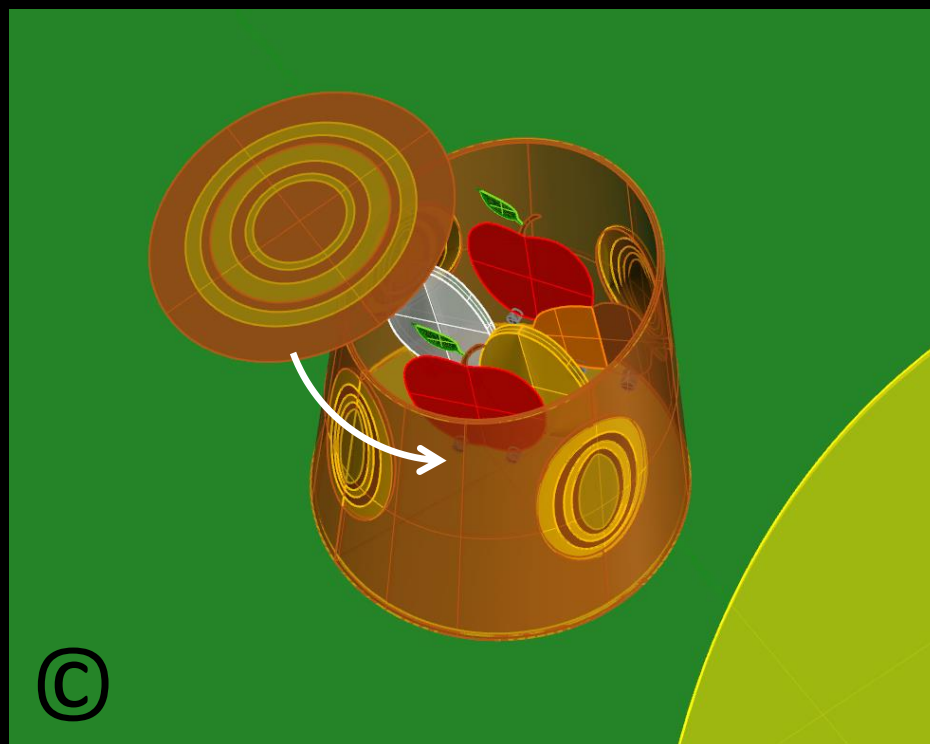
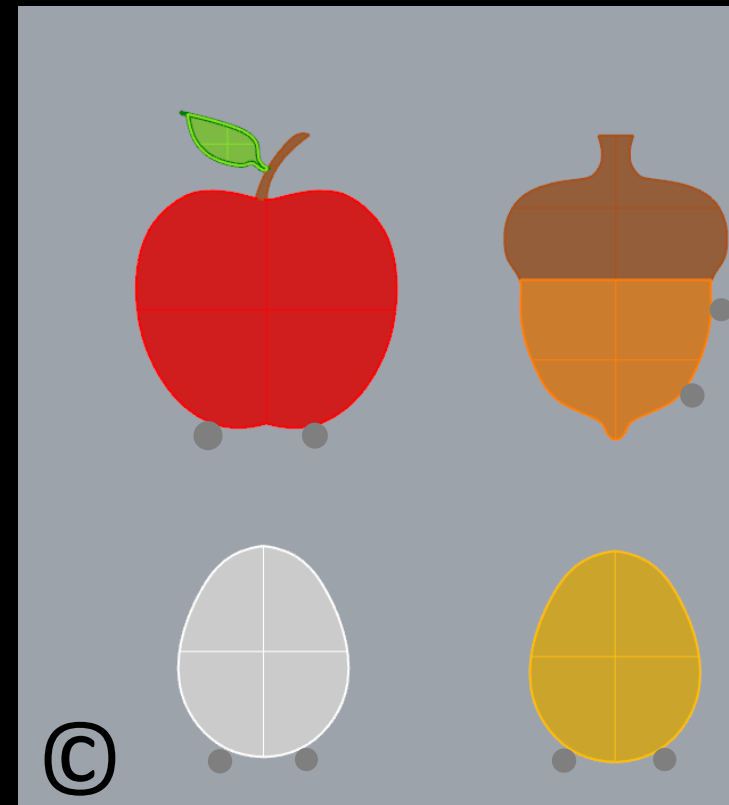
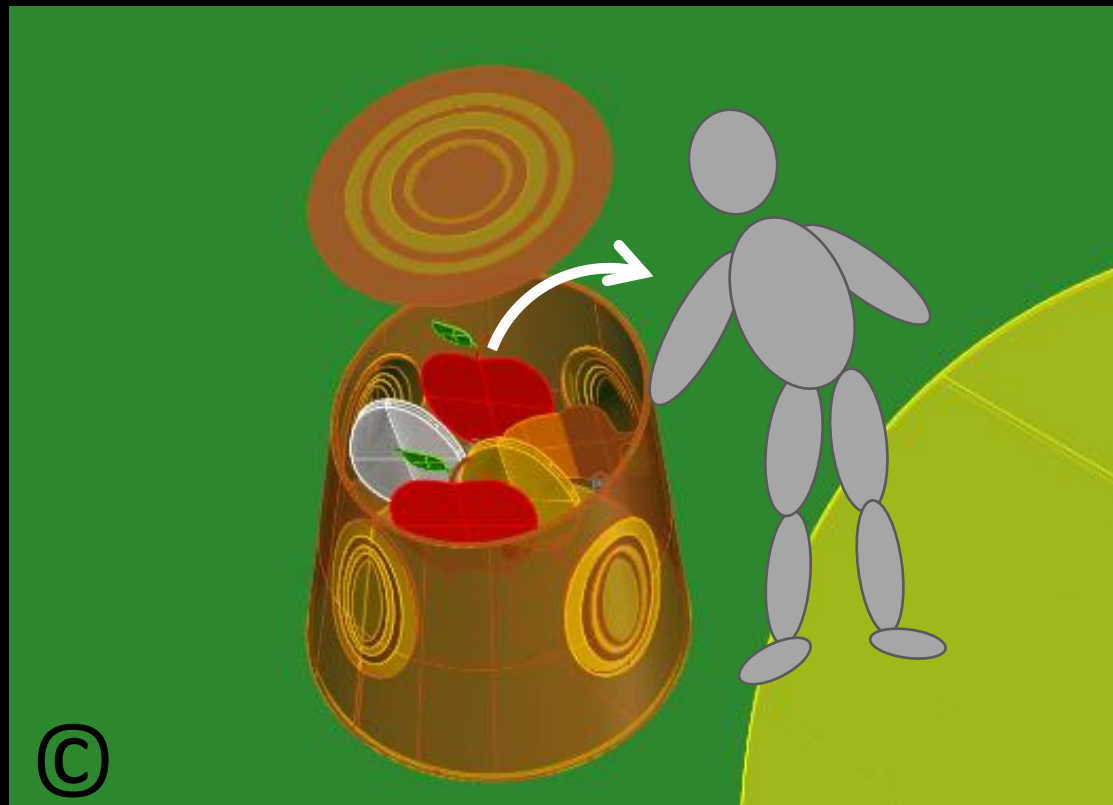
4. Play Zone No. 4 called “Tree of Adventure”



The three-dimensional shapes (i.e., sculptures) of apple, egg, and oak that have been installed on the orange baskets as decoration and also as signs to show which objects they belong to.

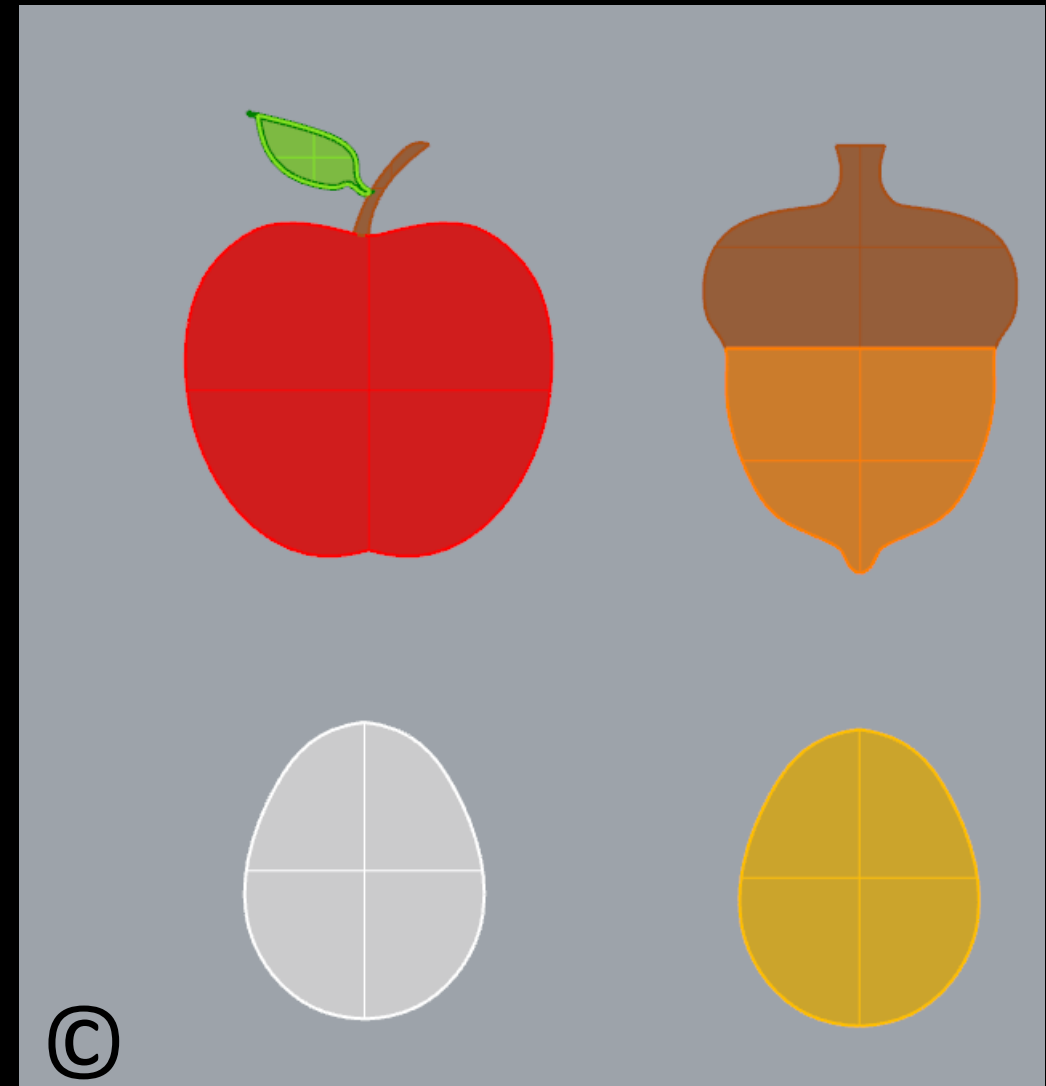
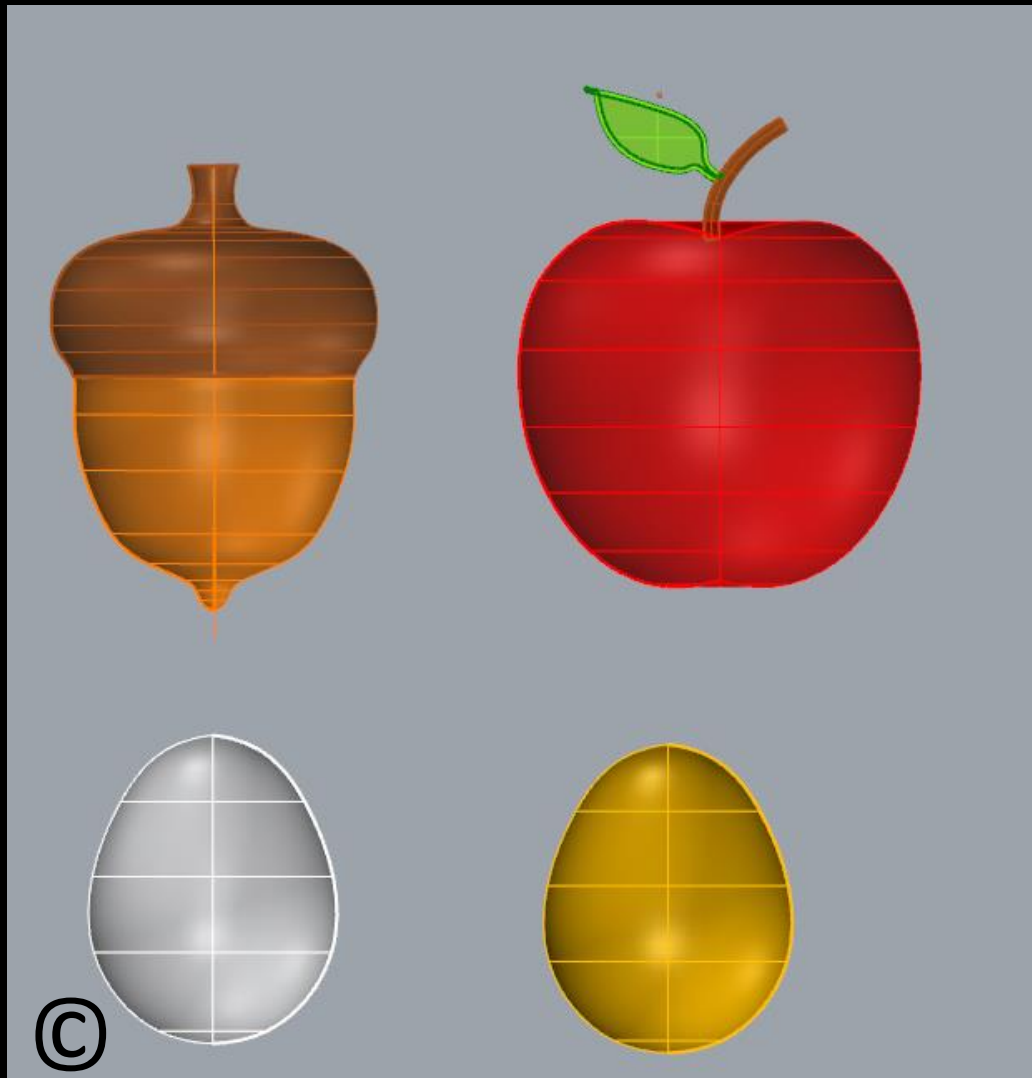


4. Play Zone No. 4 called “Tree of Adventure”

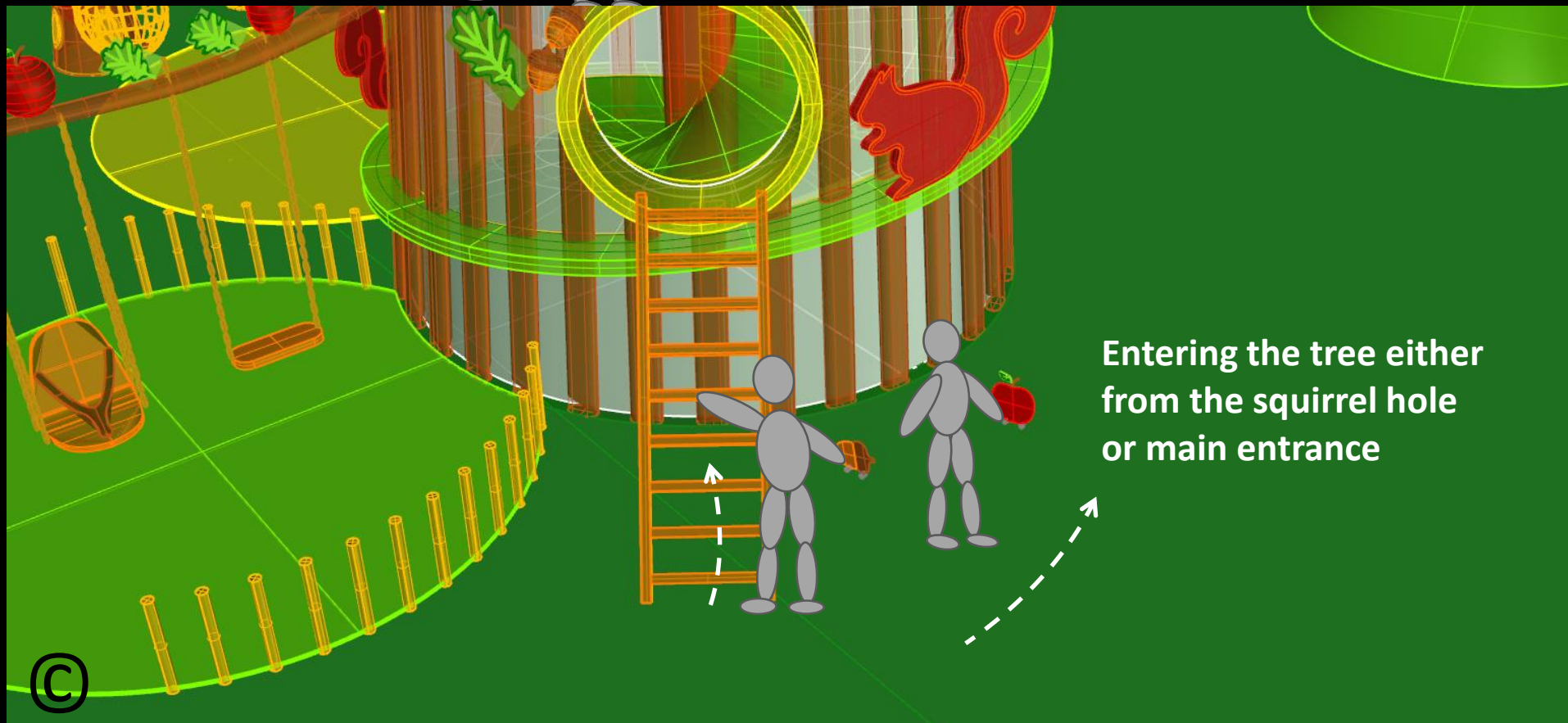
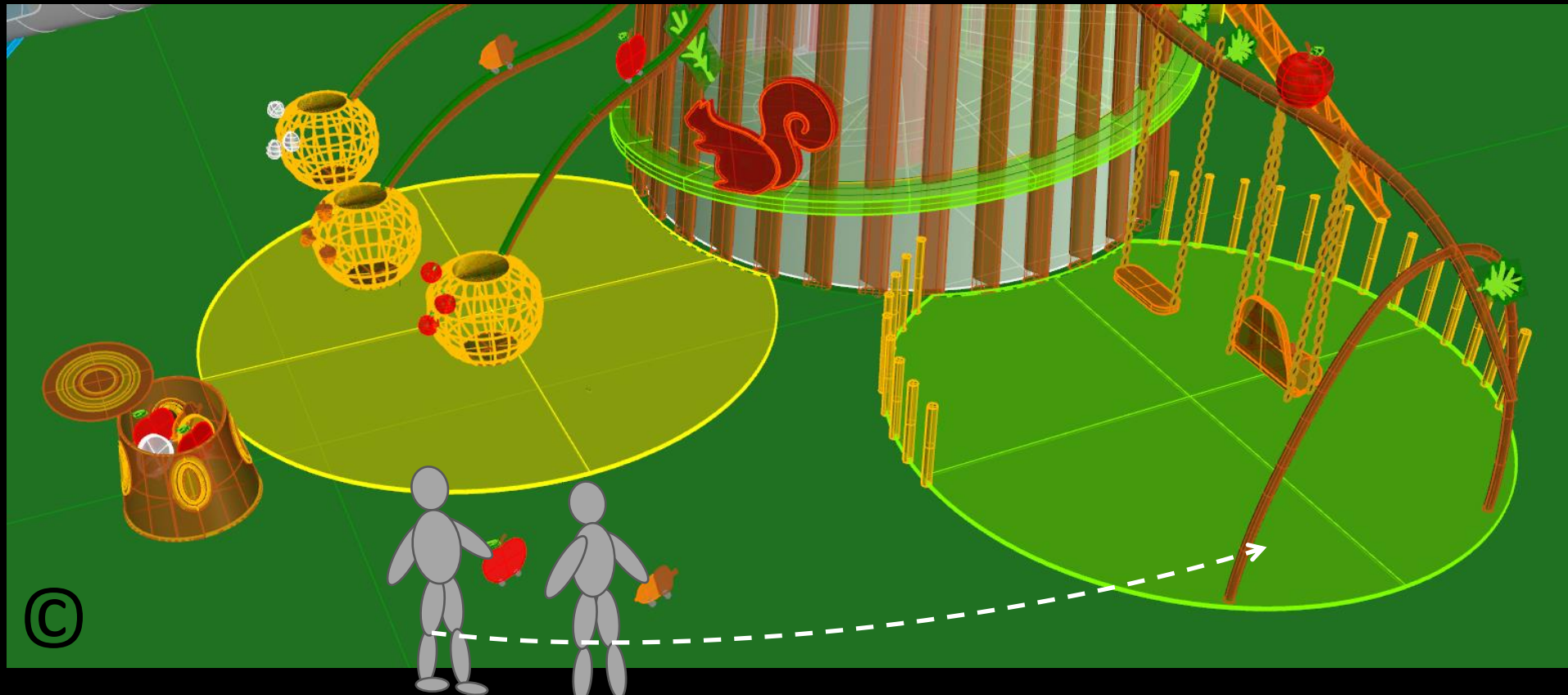


Flat shapes with the wheels that are first in the stump-shaped box. Then children take them and get involved in the game. The game has been described in Chapter 13 in Ph.D. thesis (see No. 4 in Section 13.2.3.2., in Chapter 13).

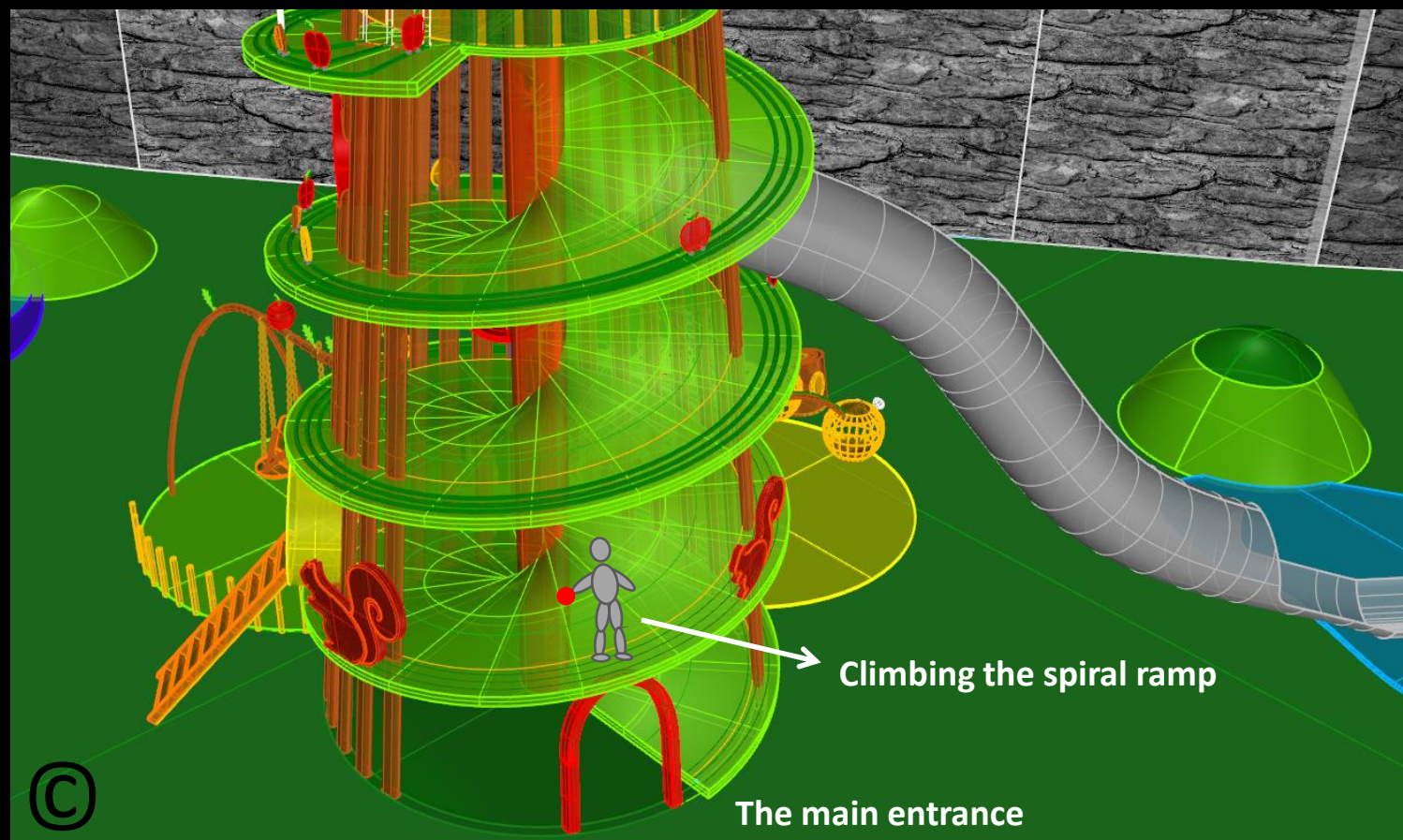
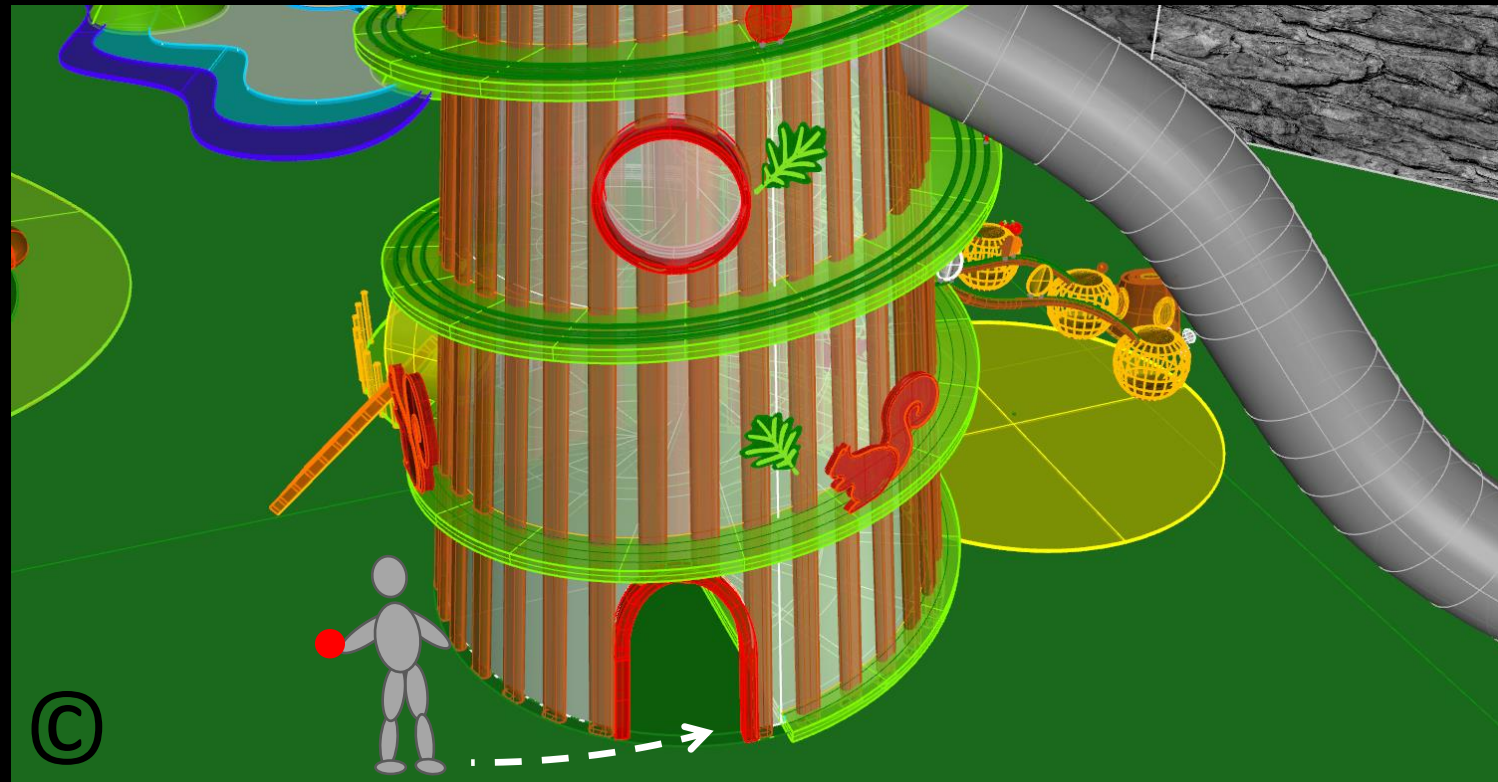
4. Play Zone No. 4 called “Tree of Adventure”



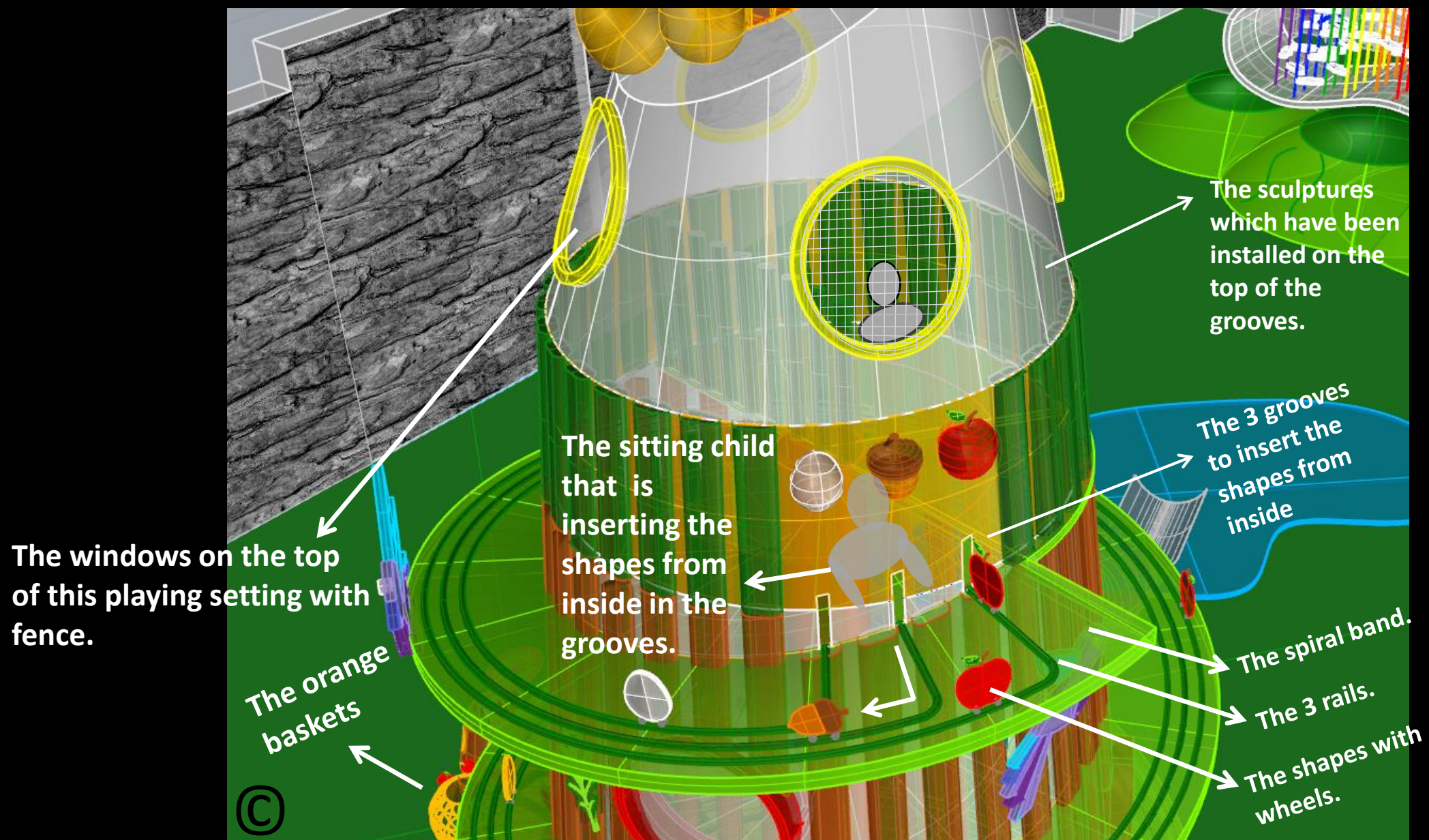
4. Play Zone No. 4 called “Tree of Adventure”



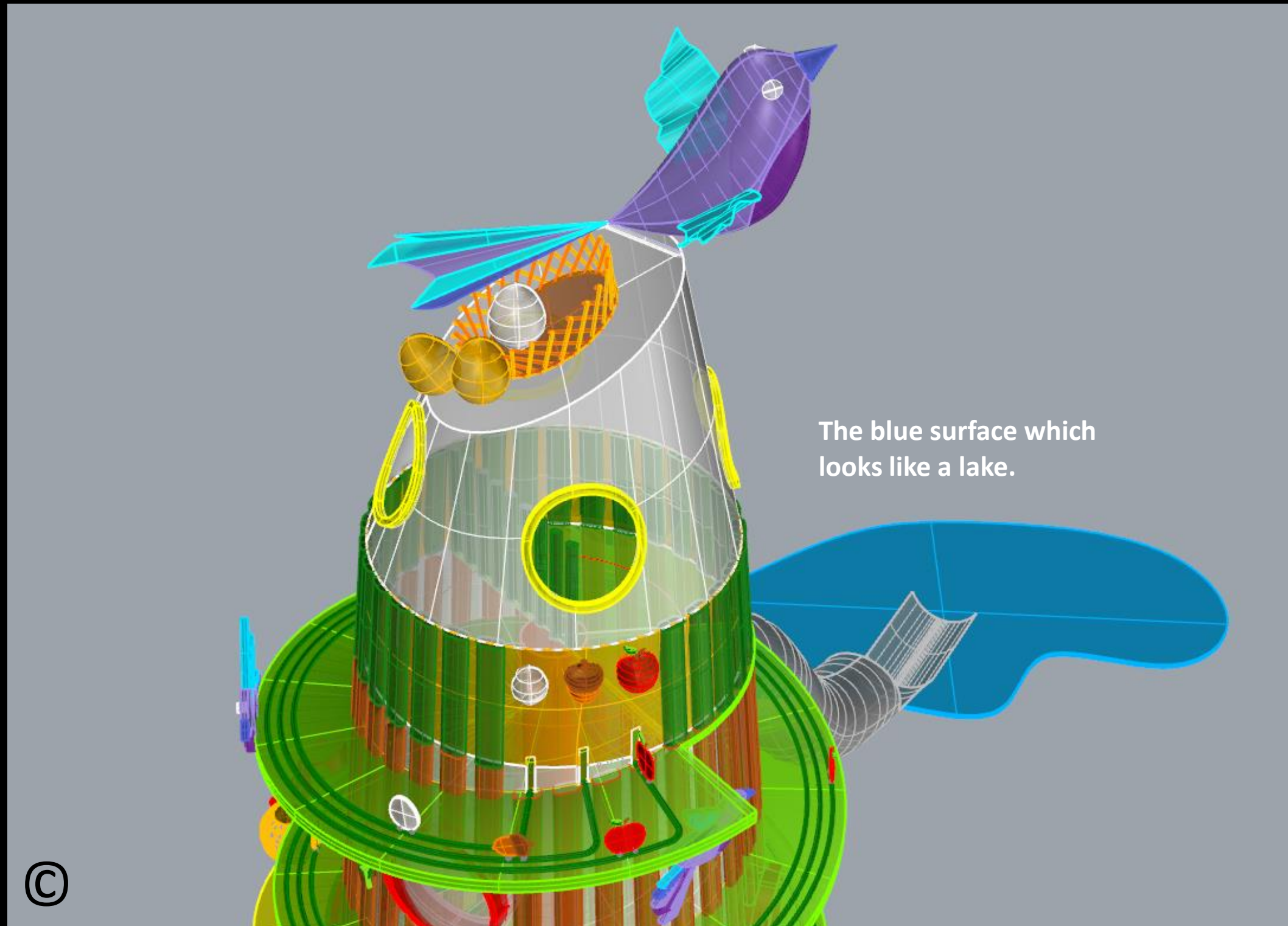
4. Play Zone No. 4 called “Tree of Adventure”



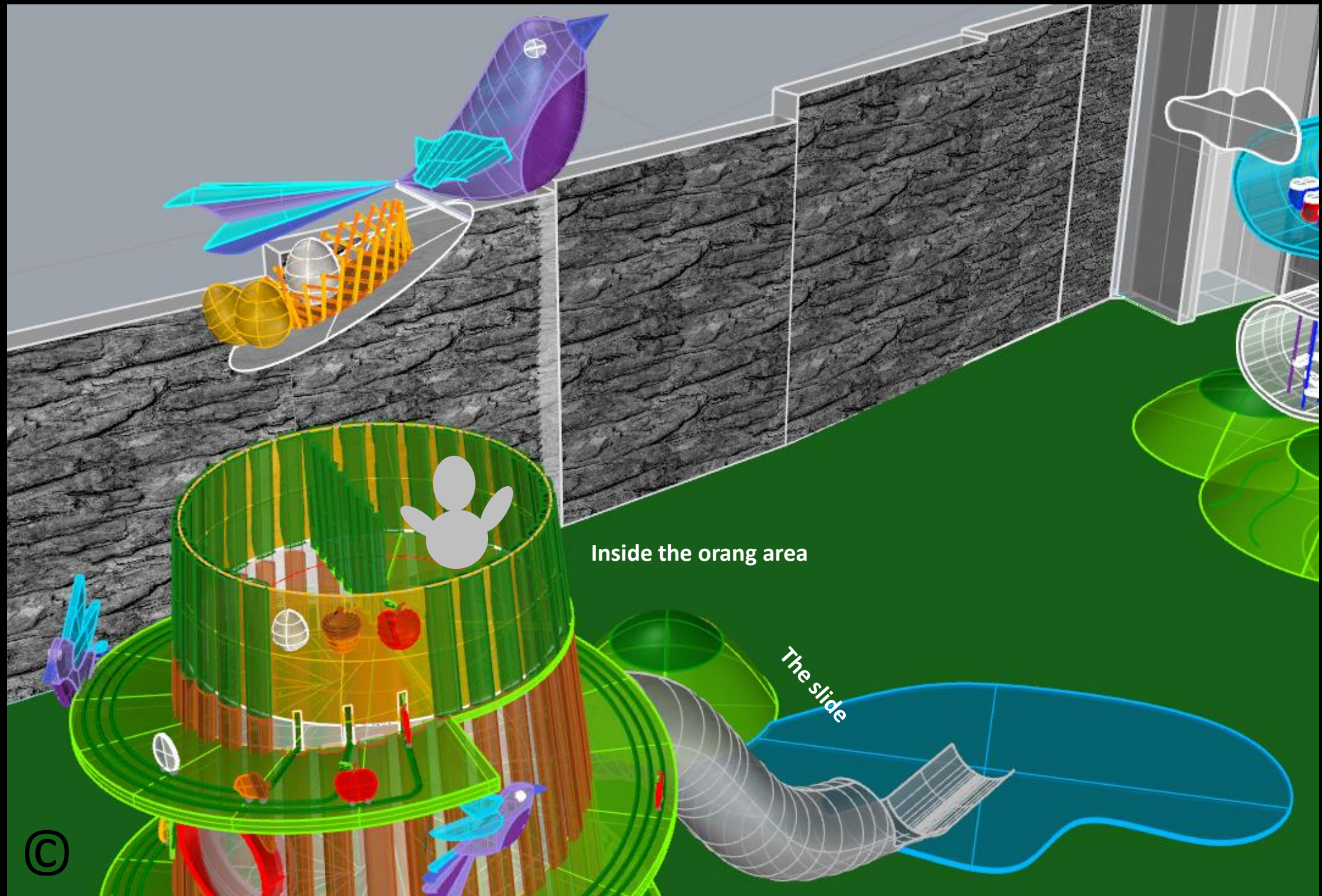
4. Play Zone No. 4 called “Tree of Adventure”



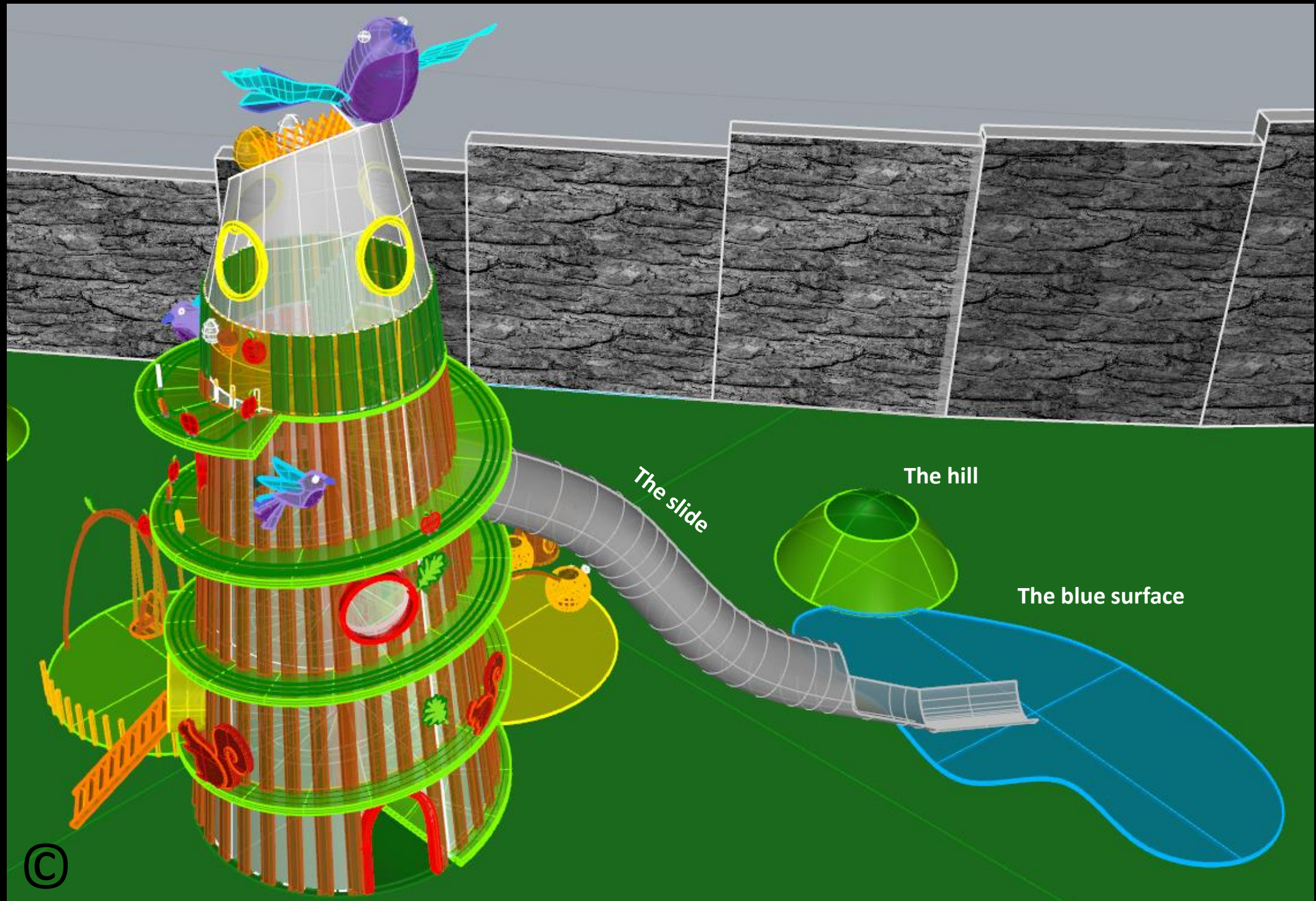
4. Play Zone No. 4 called “Tree of Adventure”



4. Play Zone No. 4 called “Tree of Adventure”

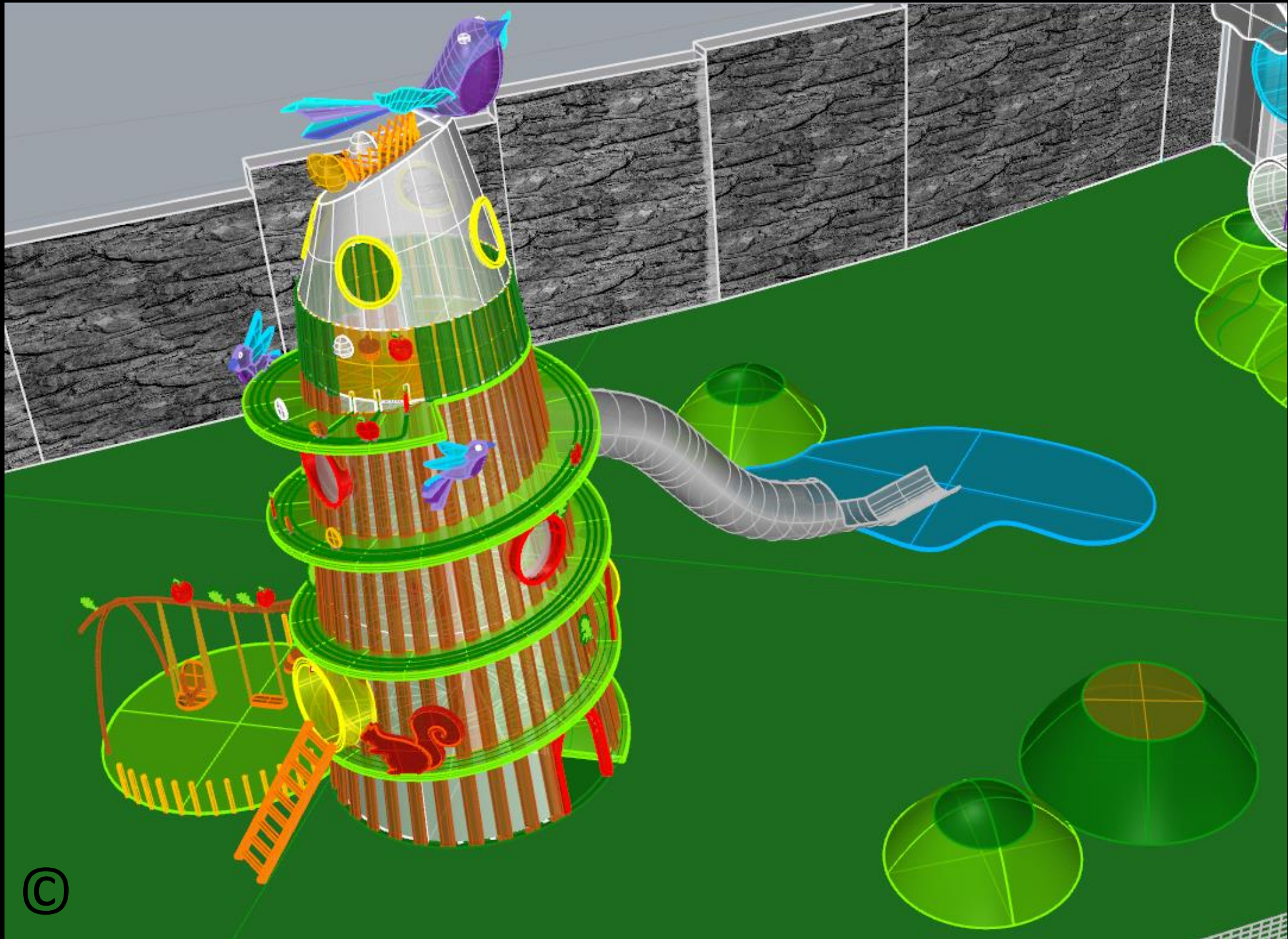


4. Play Zone No. 4 called “Tree of Adventure”



Designer: Neda Batenipour

4. Play Zone No. 4 called “Tree of Adventure”



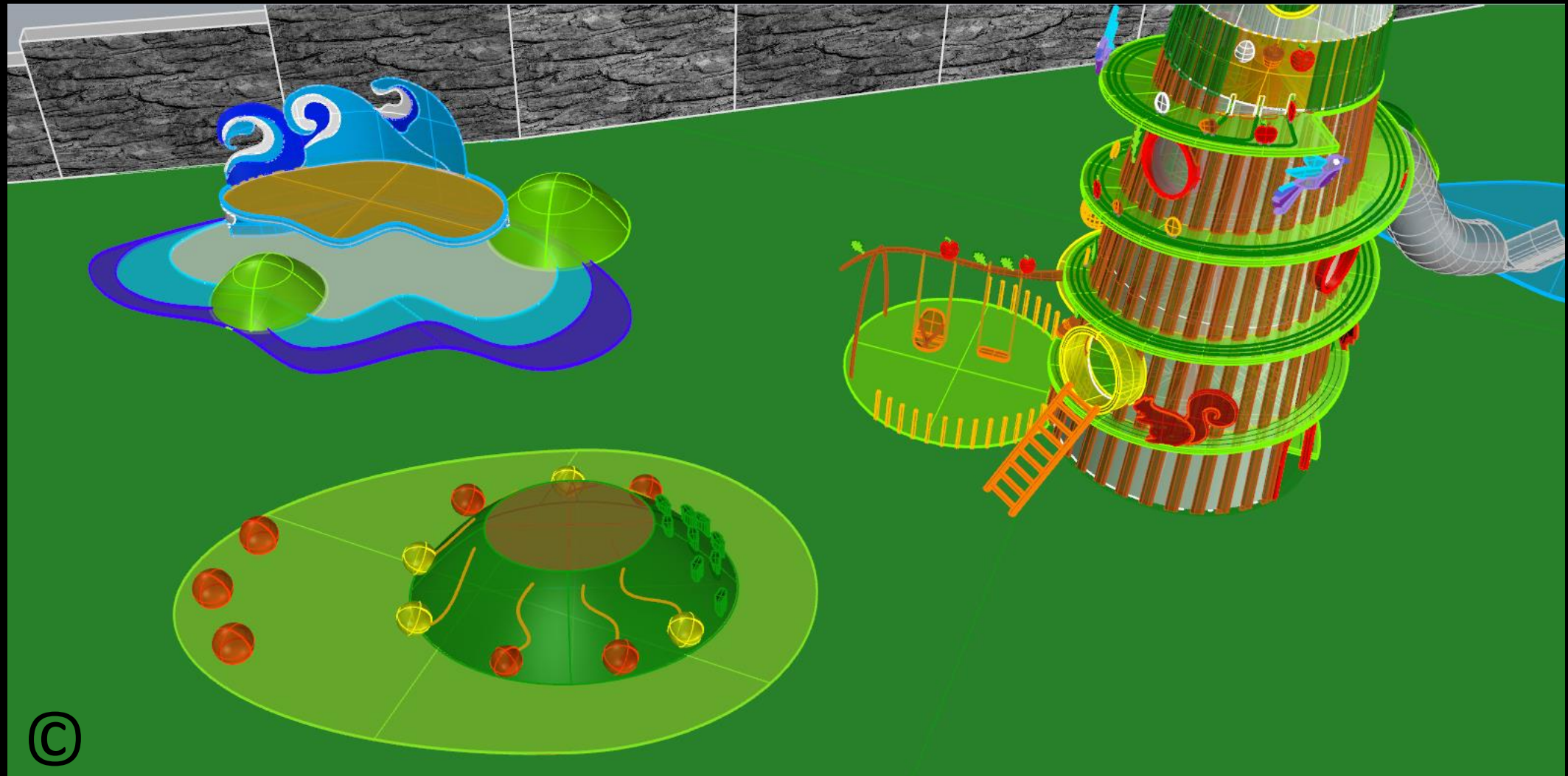
Designer: Neda Batenipour

4. Play Zone No. 4 called “Tree of Adventure”

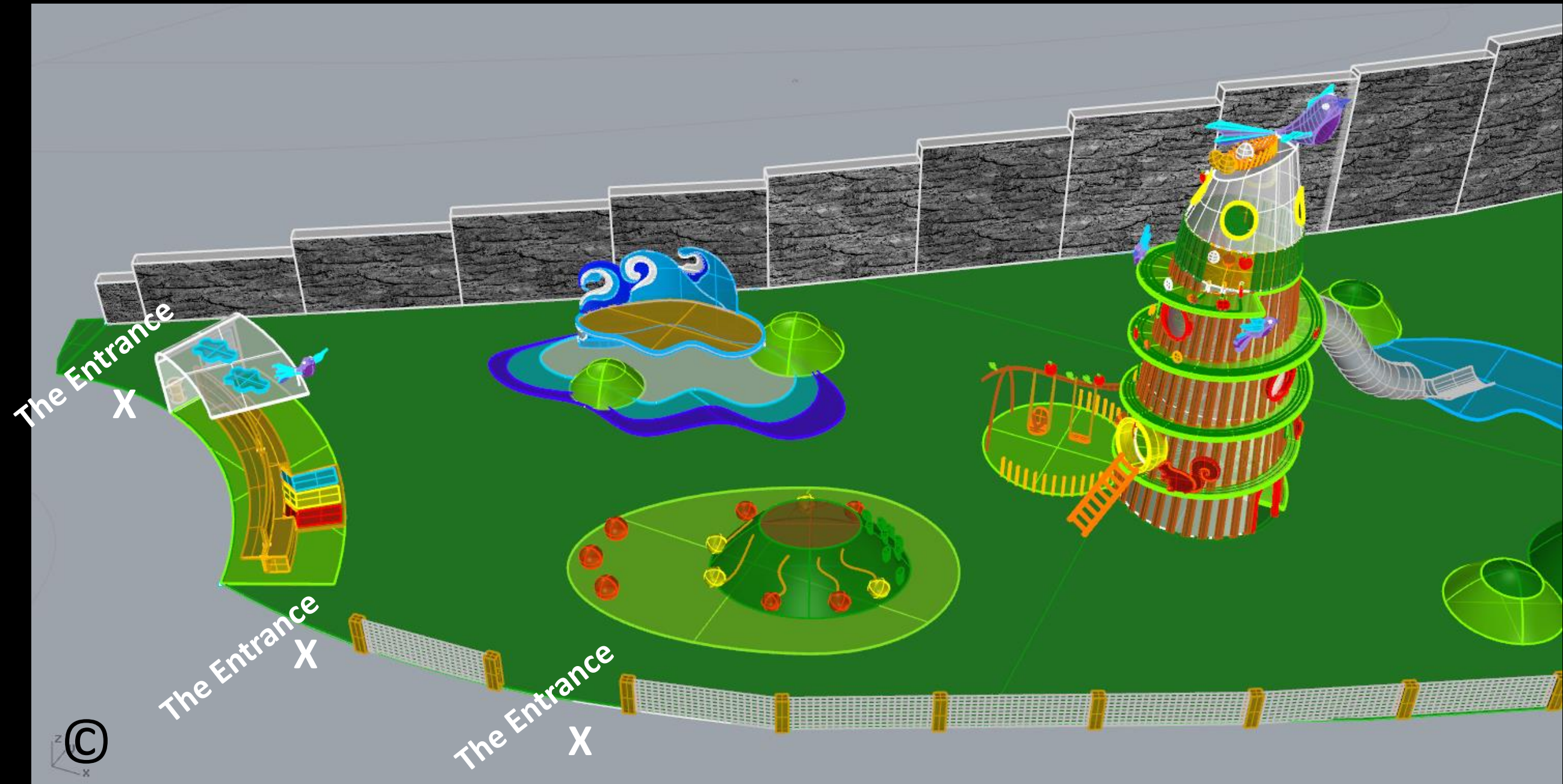


Designer: Neda Batenipour

4. Play Zone No. 4 called “Tree of Adventure”

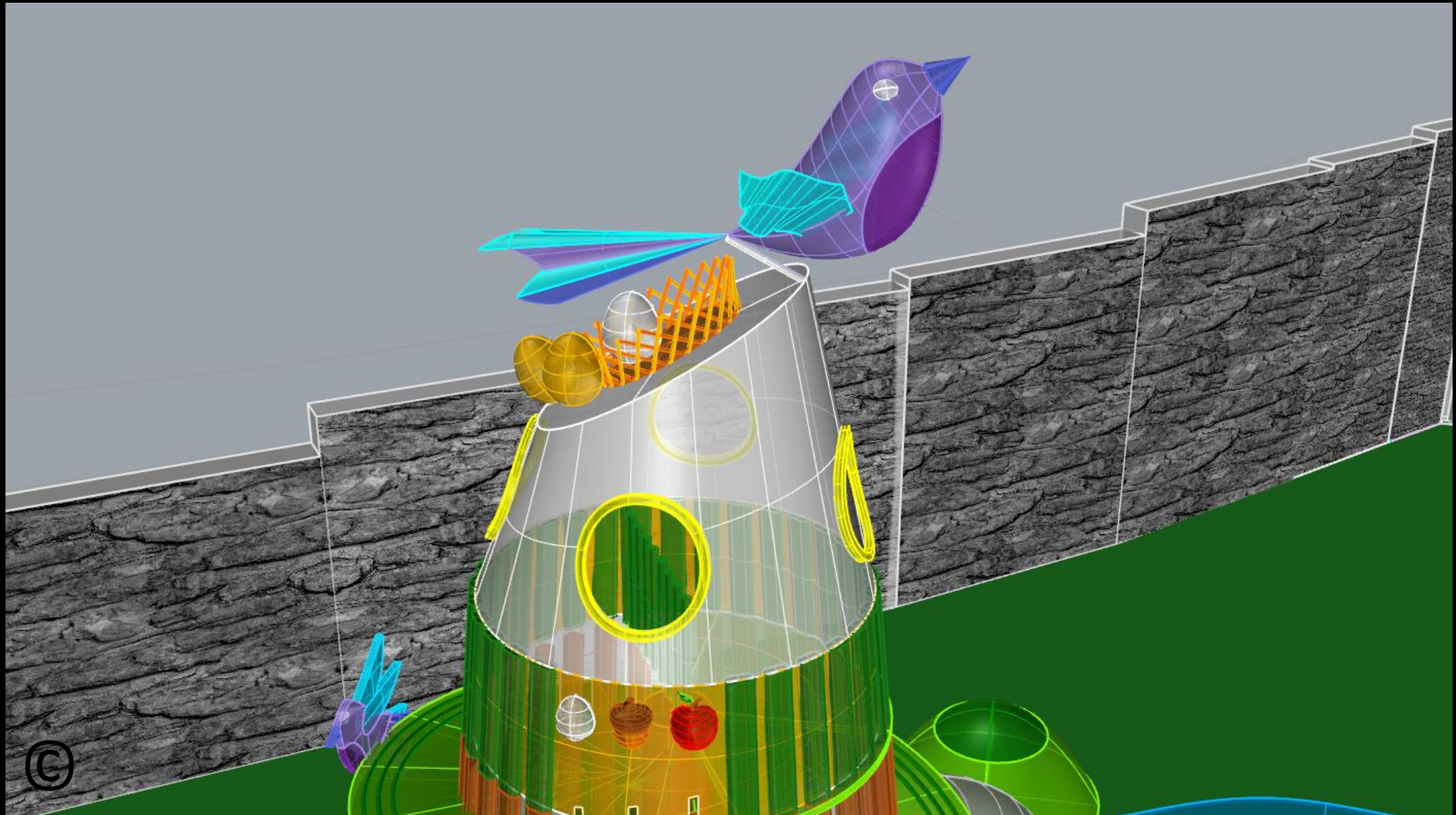


4. Play Zone No. 4 called “Tree of Adventure”



The Entrances

4. Play Zone No. 4 called “Tree of Adventure”

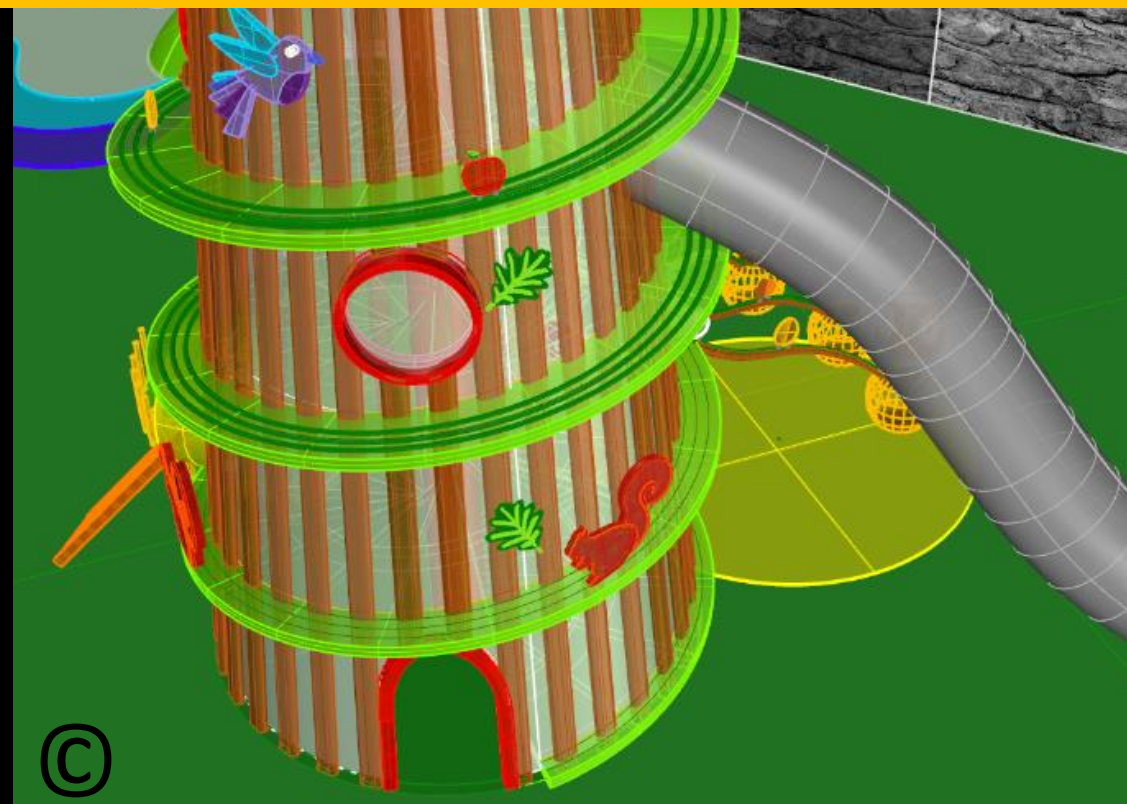
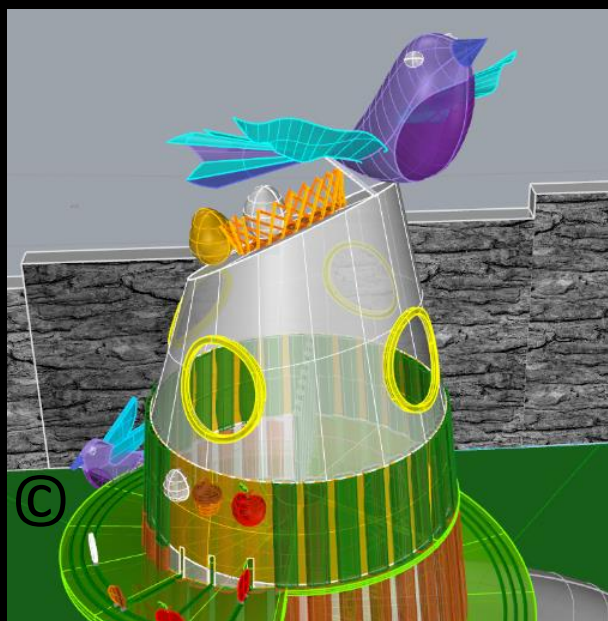


Decorative elements on the top and the circular windows

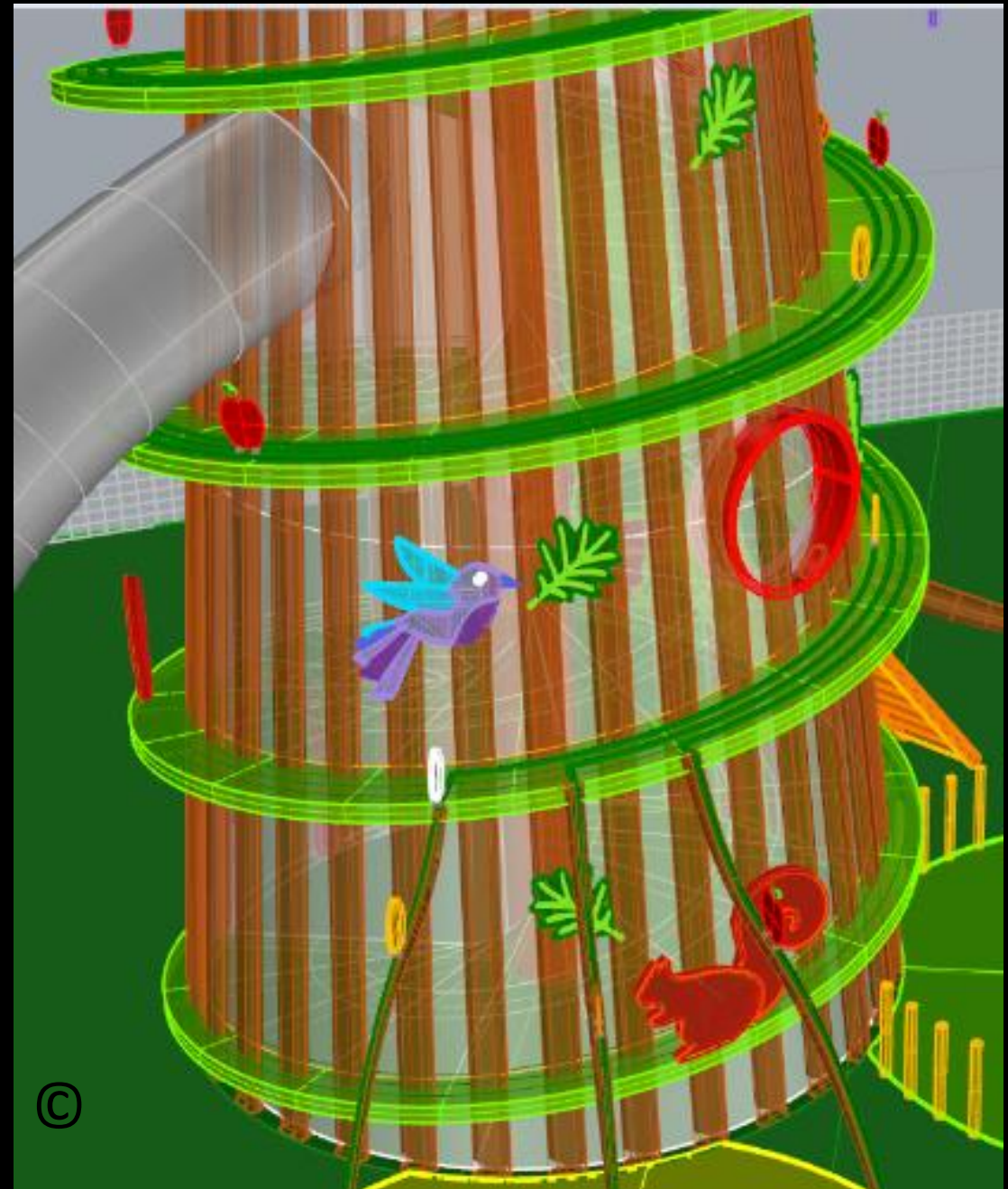
4. Play Zone No. 4 called “Tree of Adventure”



Decorative elements around the tree

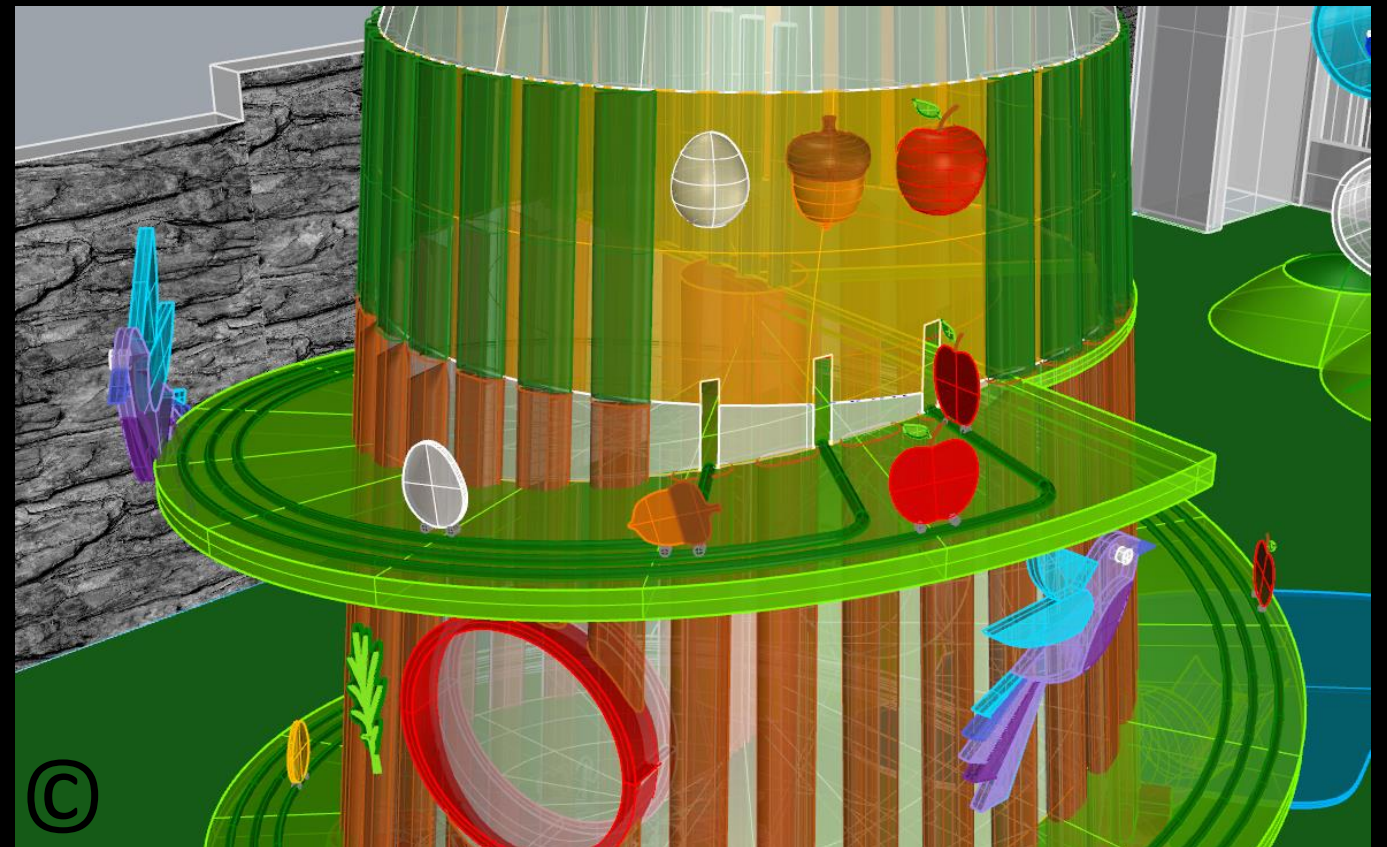


4. Play Zone No. 4 called “Tree of Adventure”



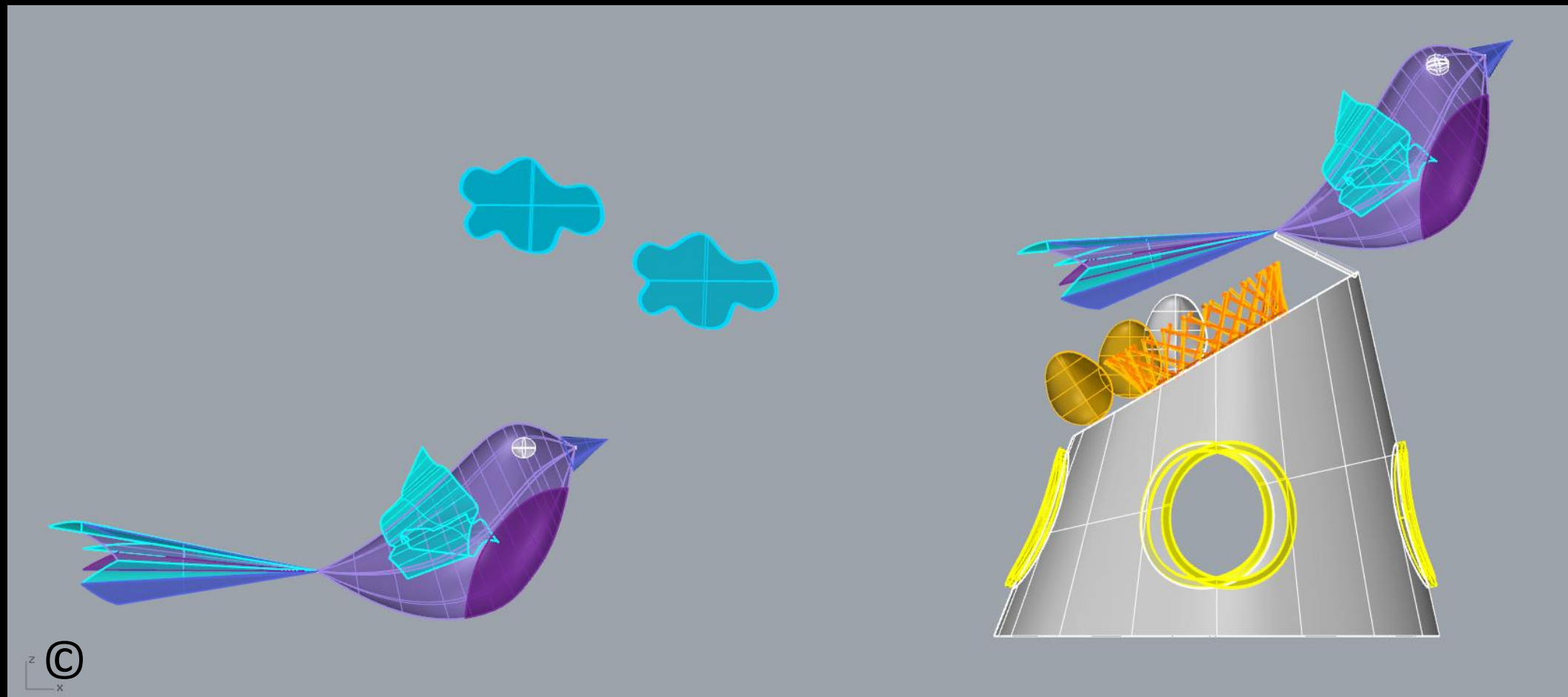
Decorative elements around the tree

4. Play Zone No. 4 called “Tree of Adventure”



Decorative elements around and above the tree

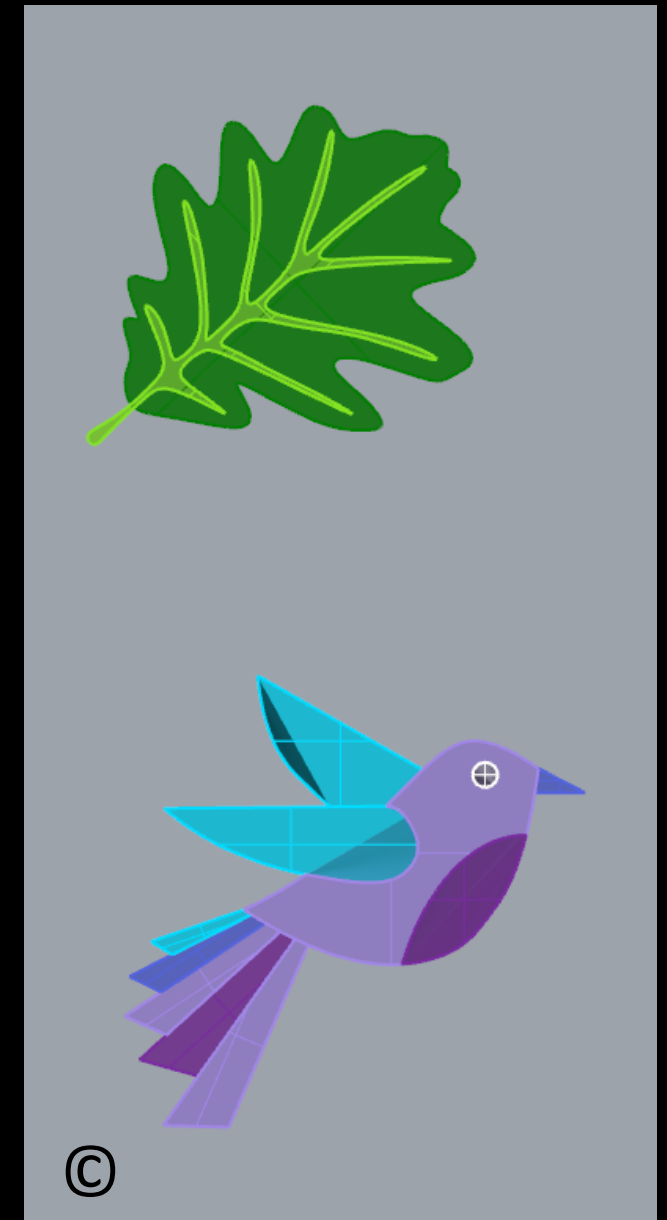
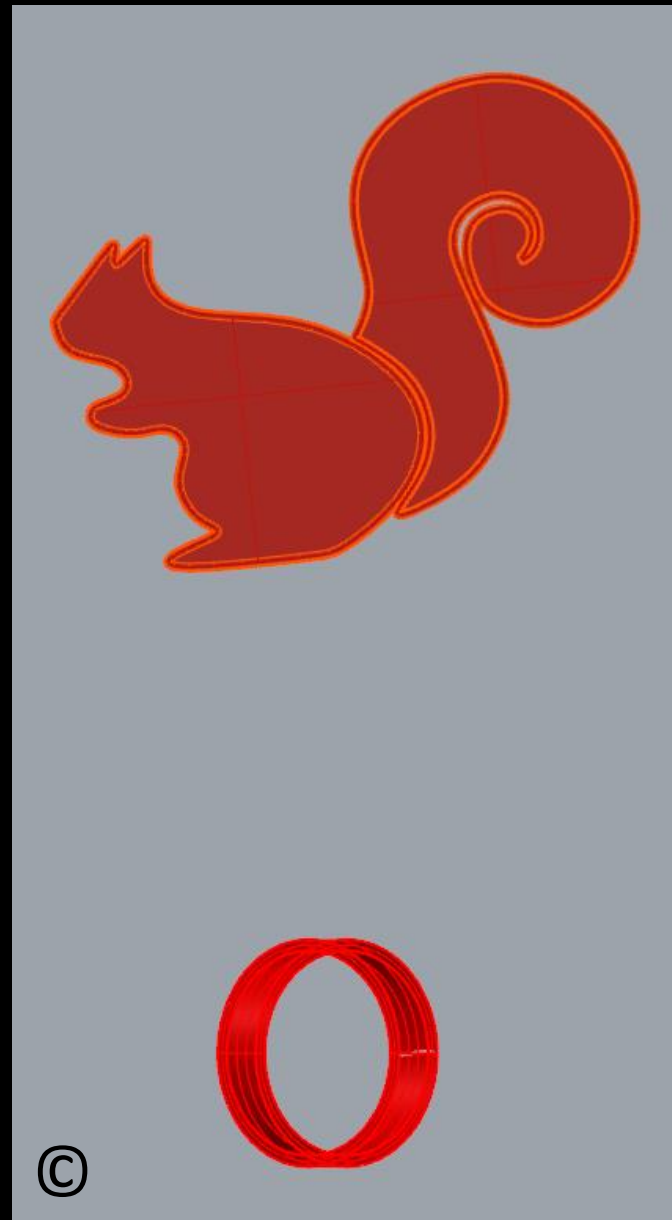
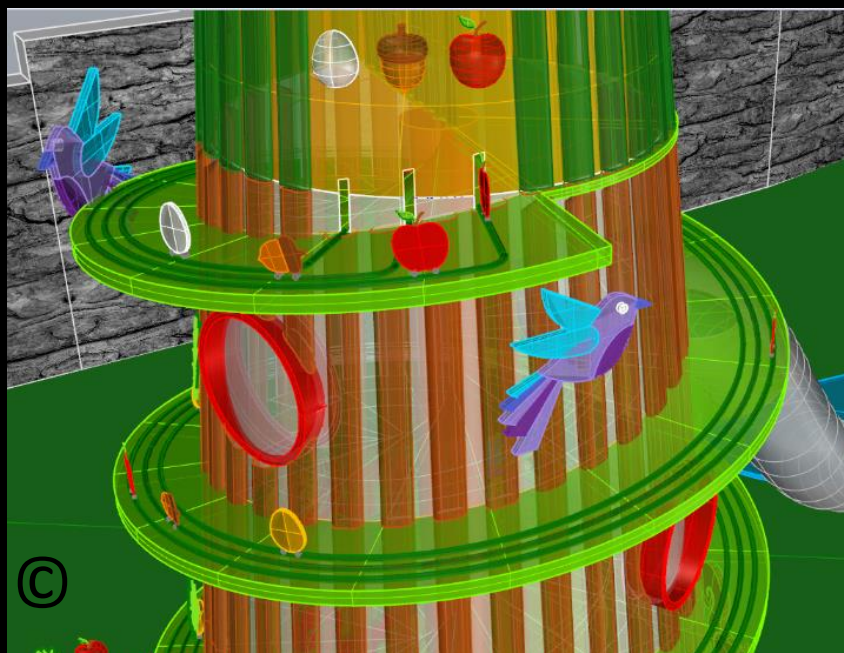
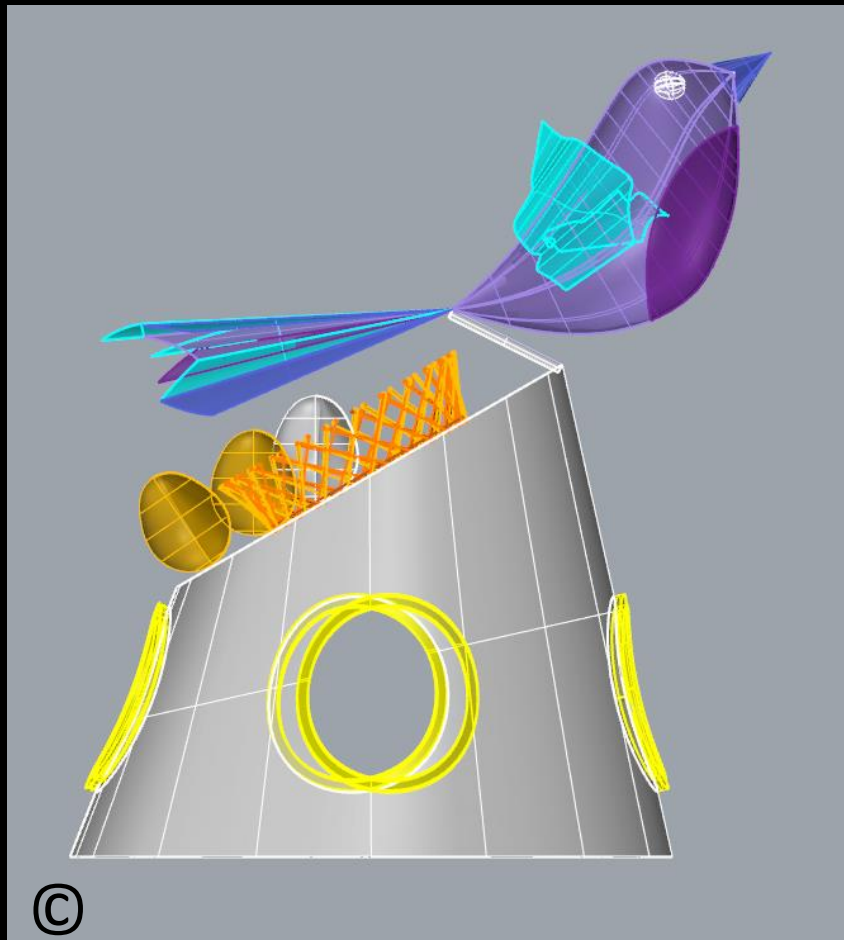
4. Play Zone No. 4 called “Tree of Adventure”



Decorative elements

Designer: Neda Batenipour

4. Play Zone No. 4 called “Tree of Adventure”



Decorative elements

4. Play Zone No. 4 called “Tree of Adventure”



Perspective View to the Right Side of the Playground

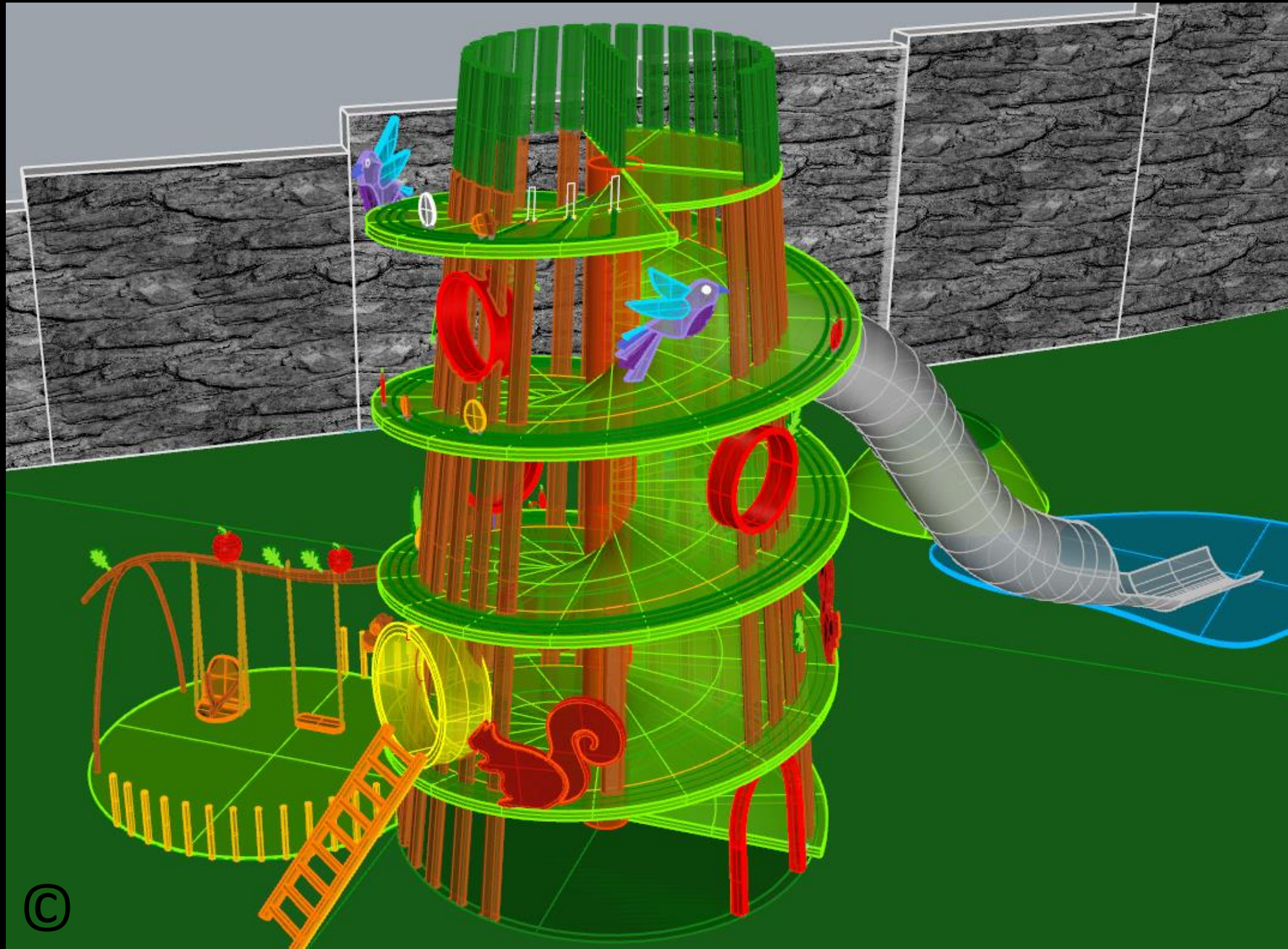
4. Play Zone No. 4 called “Tree of Adventure”



Perspective View to the Left Side of the Playground

Designer: Neda Batenipour

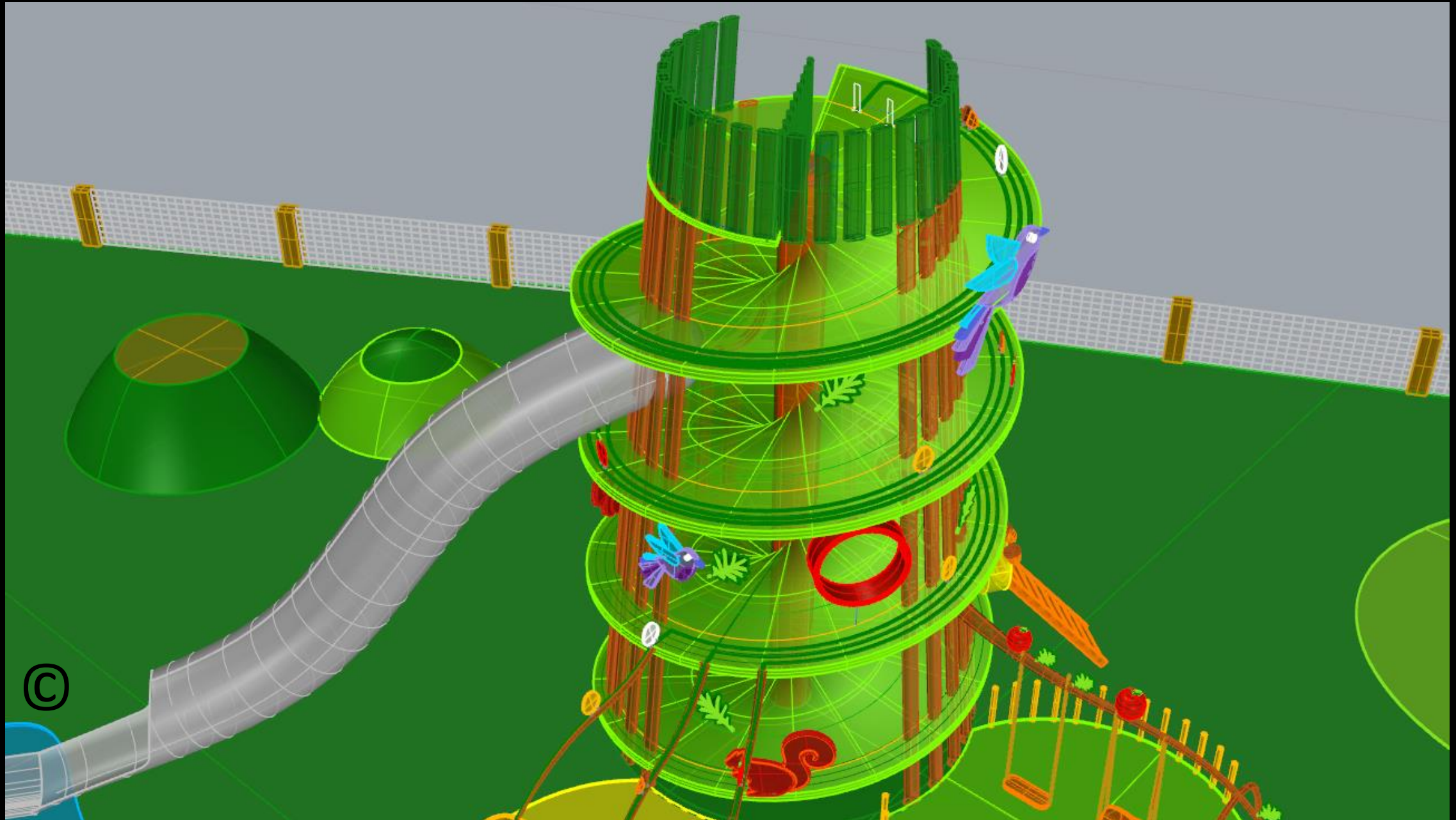
4. Play Zone No. 4 called “Tree of Adventure”



Inside the tree

Designer: Neda Batenipour

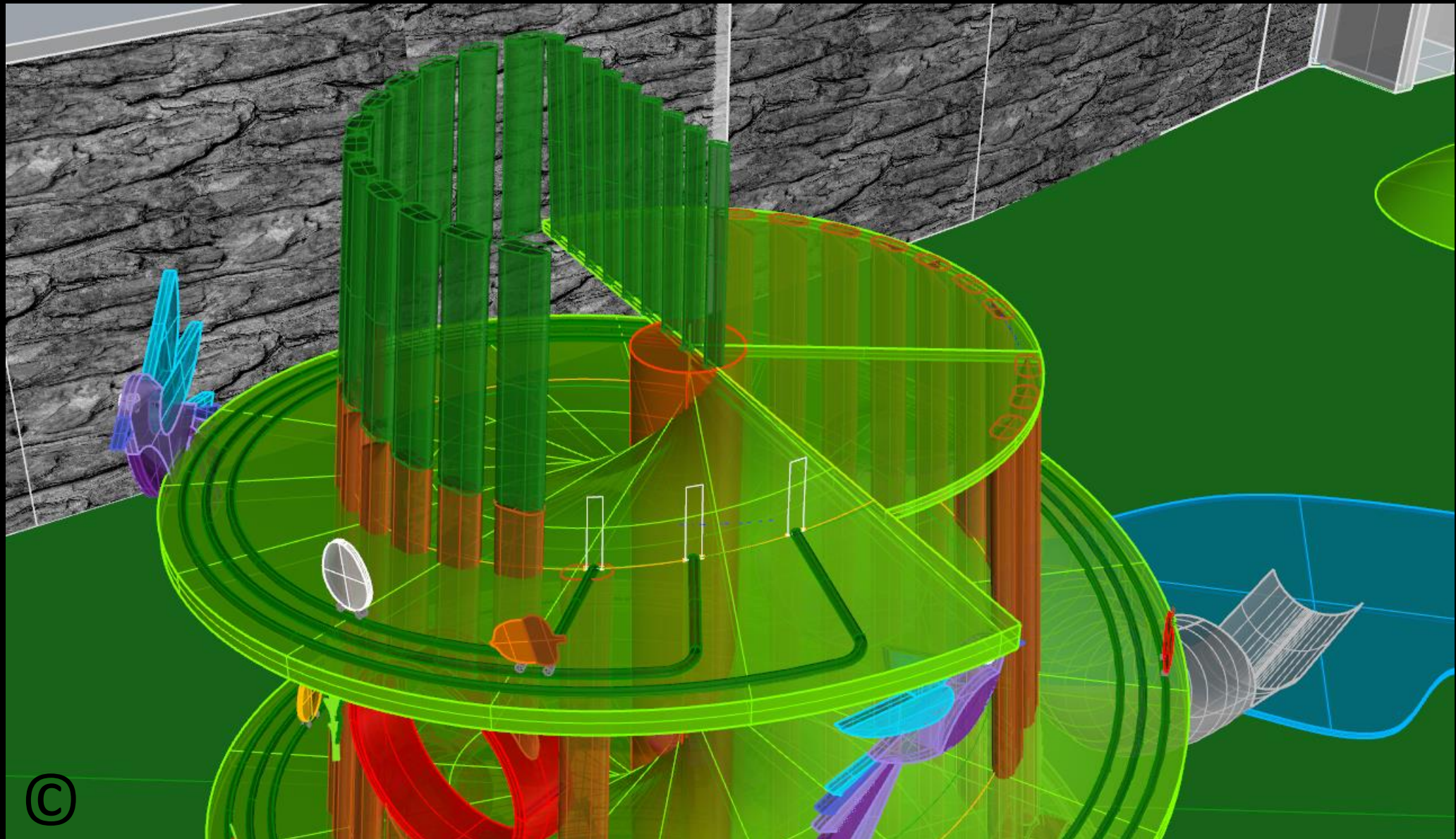
4. Play Zone No. 4 called “Tree of Adventure”



Inside the tree

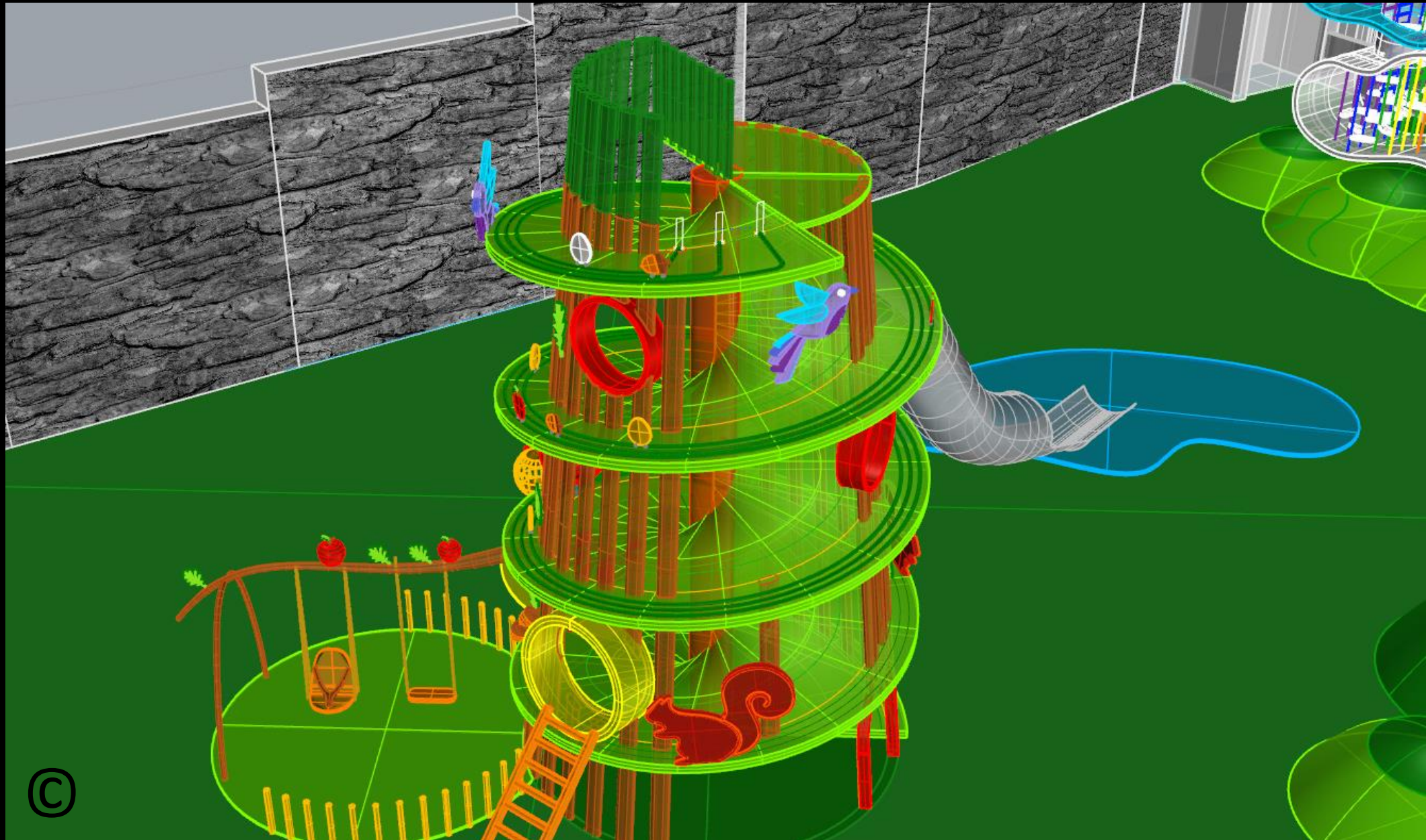
Designer: Neda Batenipour

4. Play Zone No. 4 called “Tree of Adventure”



Inside the tree-shaped structure

4. Play Zone No. 4 called “Tree of Adventure”



Inside the tree-shaped structure

**Play Zone No. 5
called
“Clouds of Joy”**

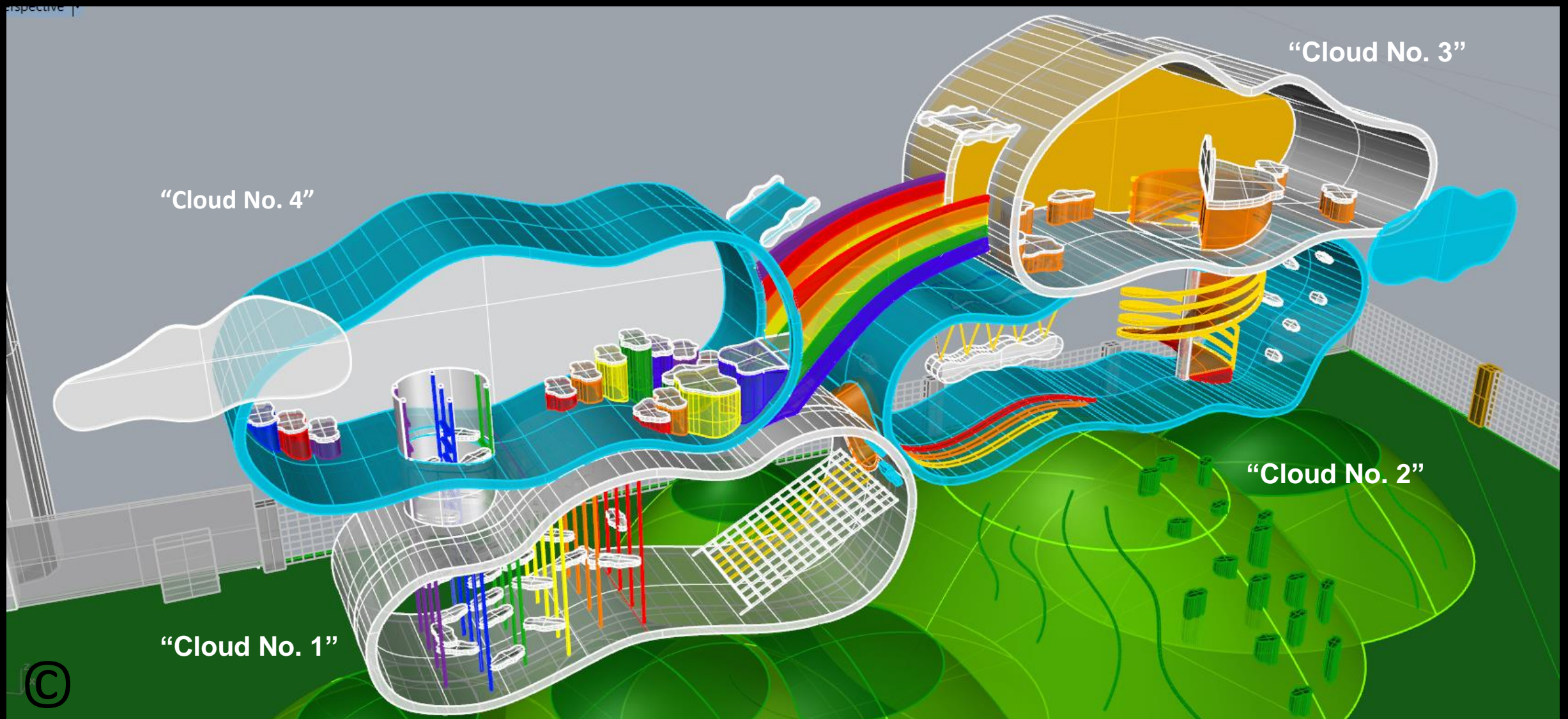
5. Play Zone No. 5 called “Clouds of Joy”



©
Perspective view.

Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”



Perspective view.

Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”

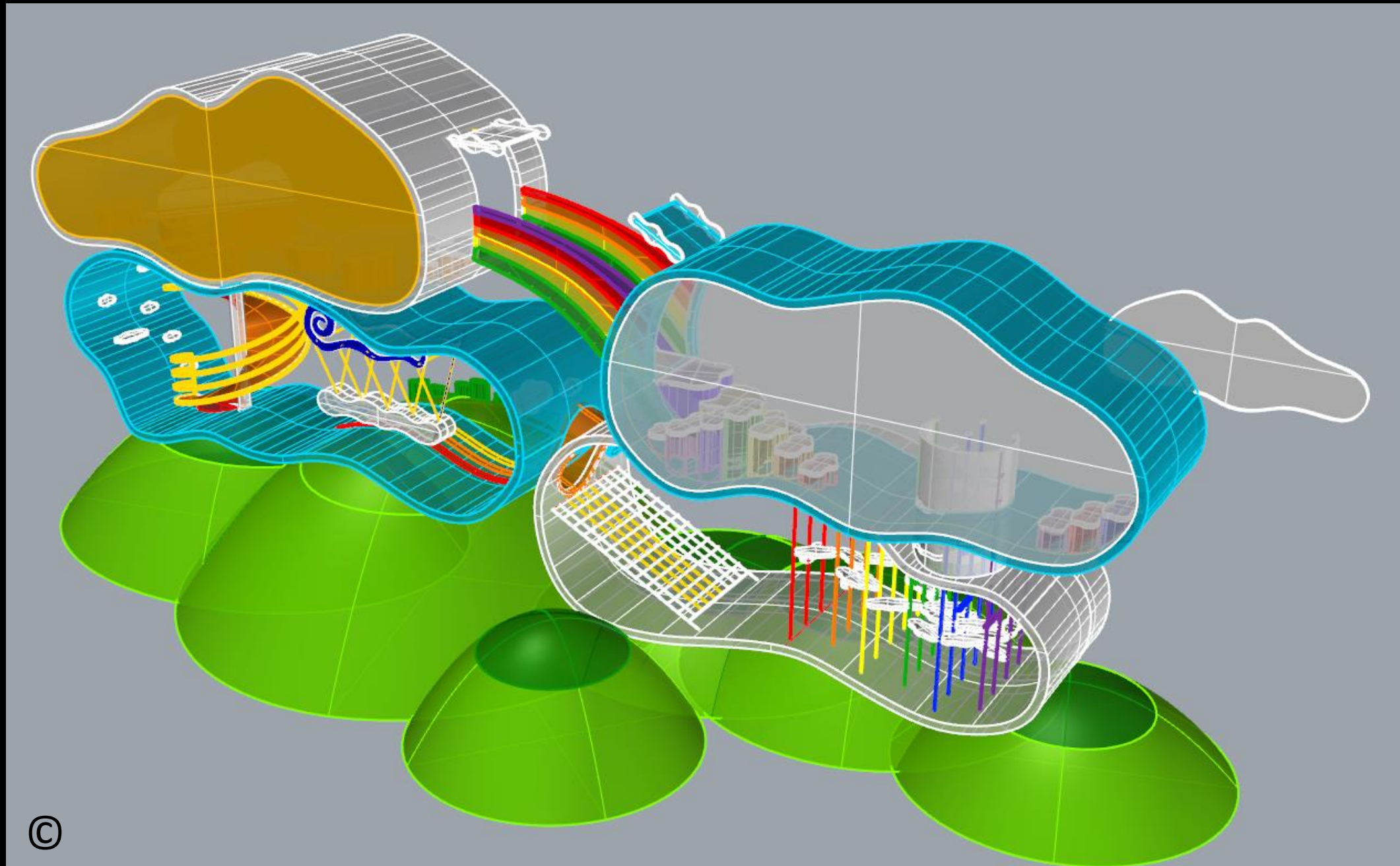
Front View



Back View



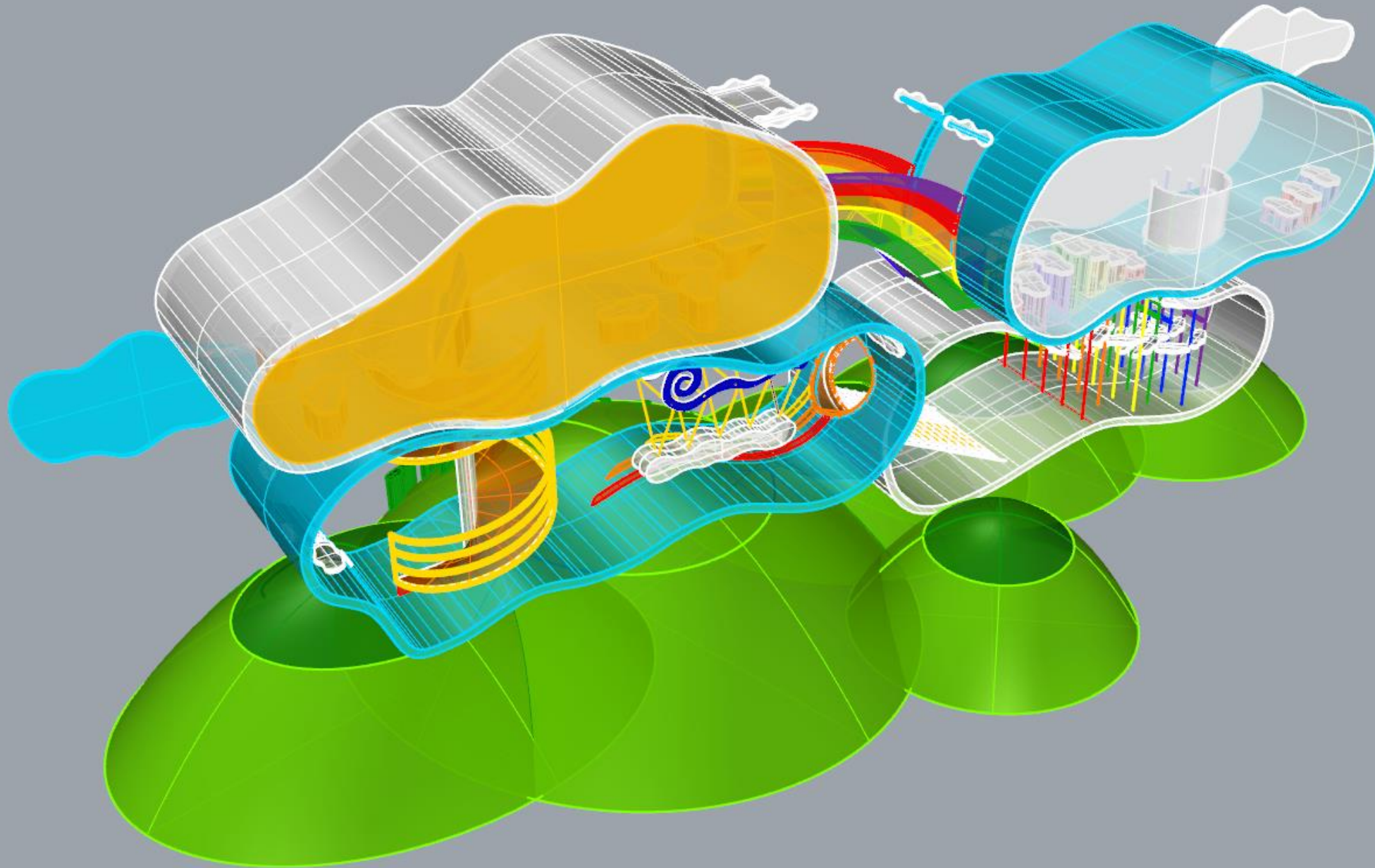
5. Play Zone No. 5 called “Clouds of Joy”



Perspective view (from Back).

Designer: Neda Batenipour

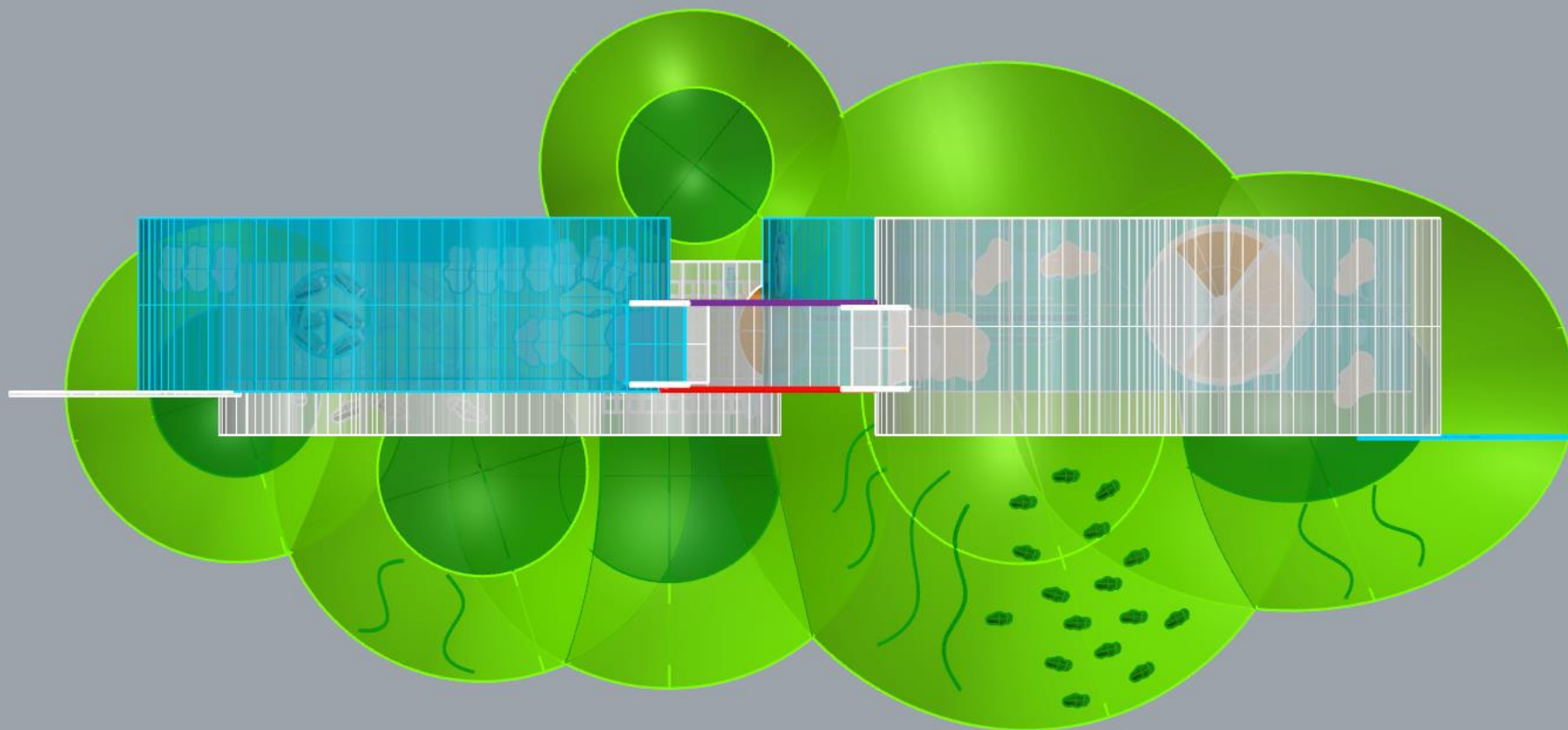
5. Play Zone No. 5 called “Clouds of Joy”



Perspective view (from Back).

Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”

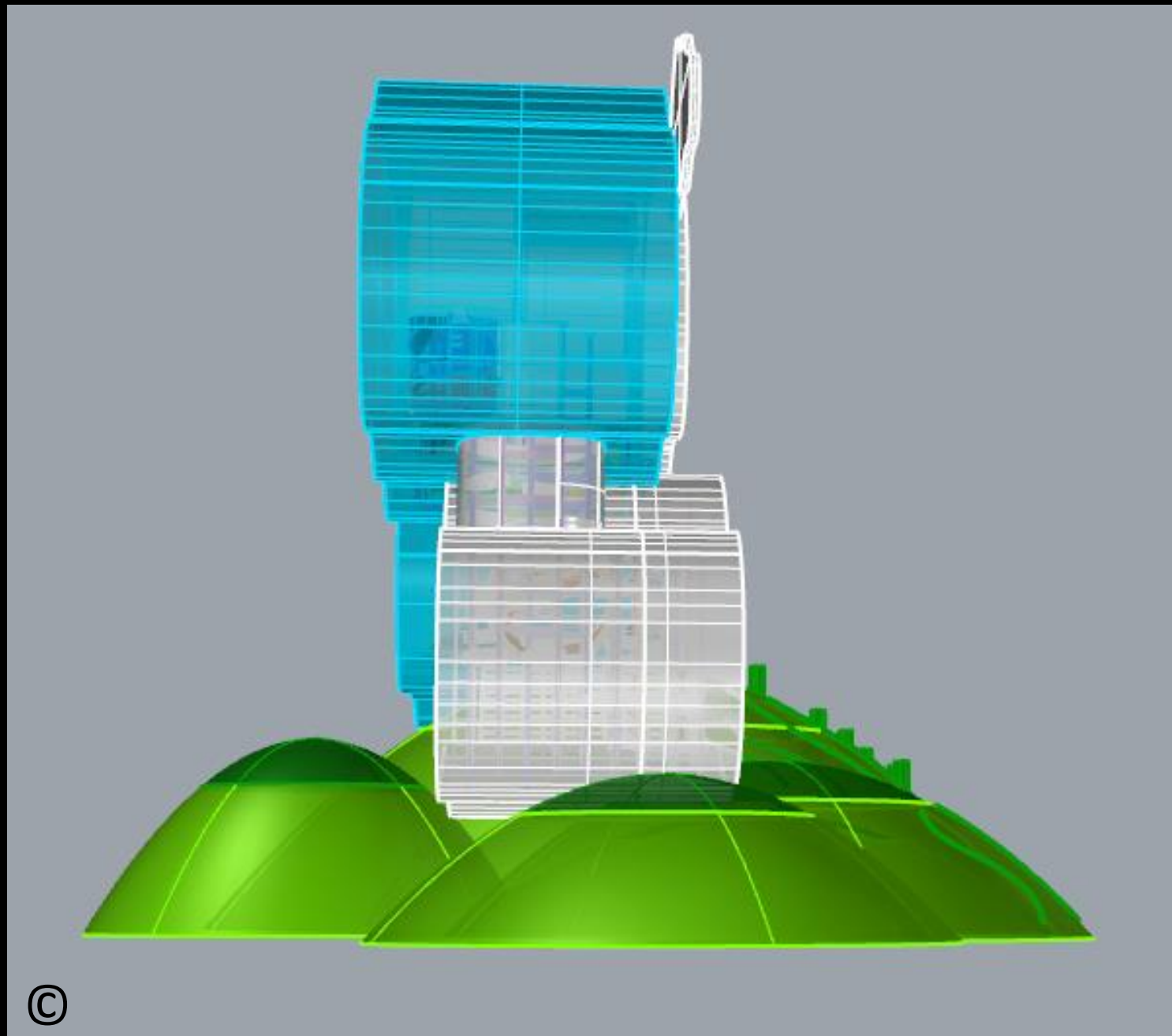


©

Top View

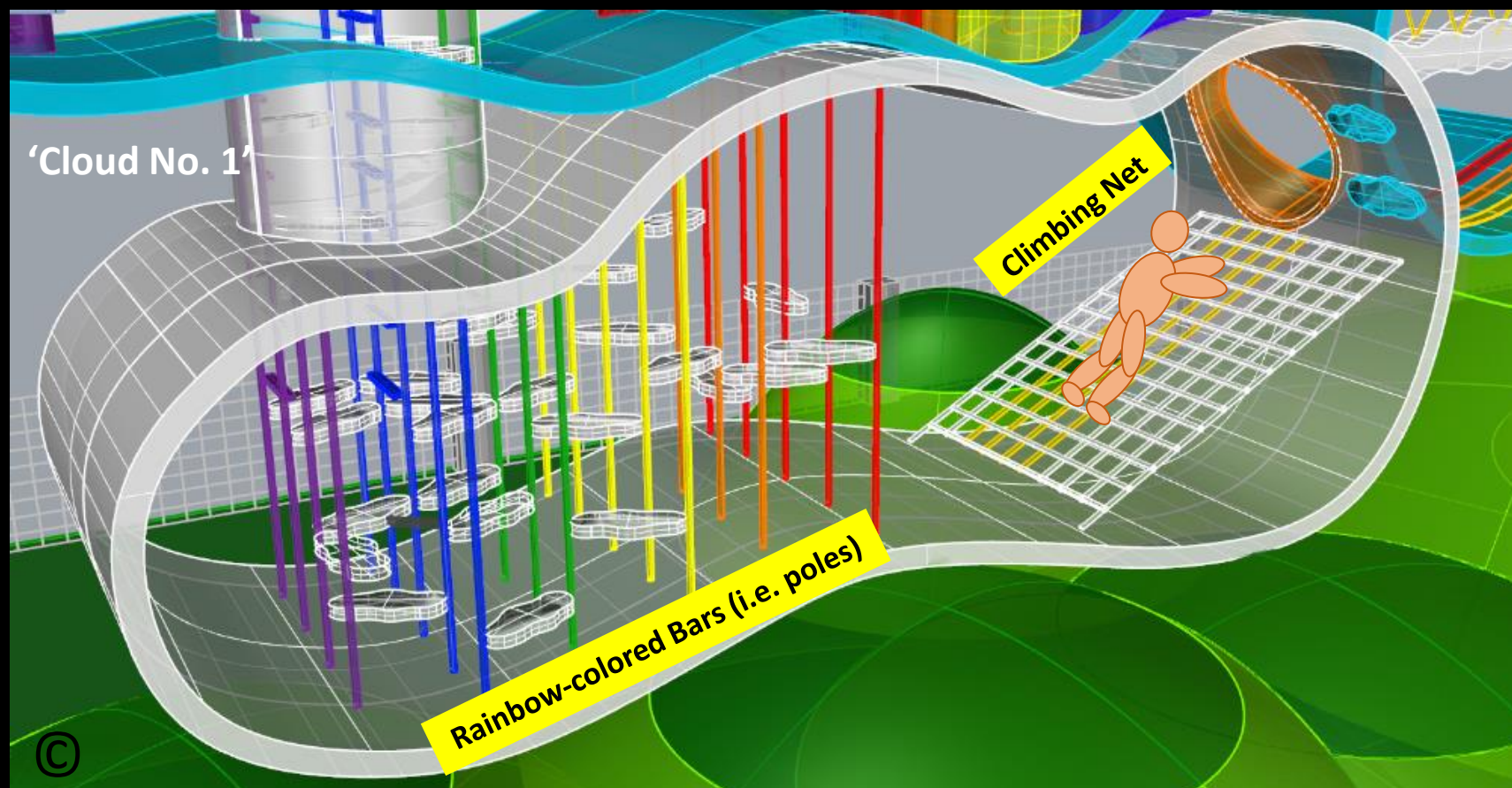
Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”



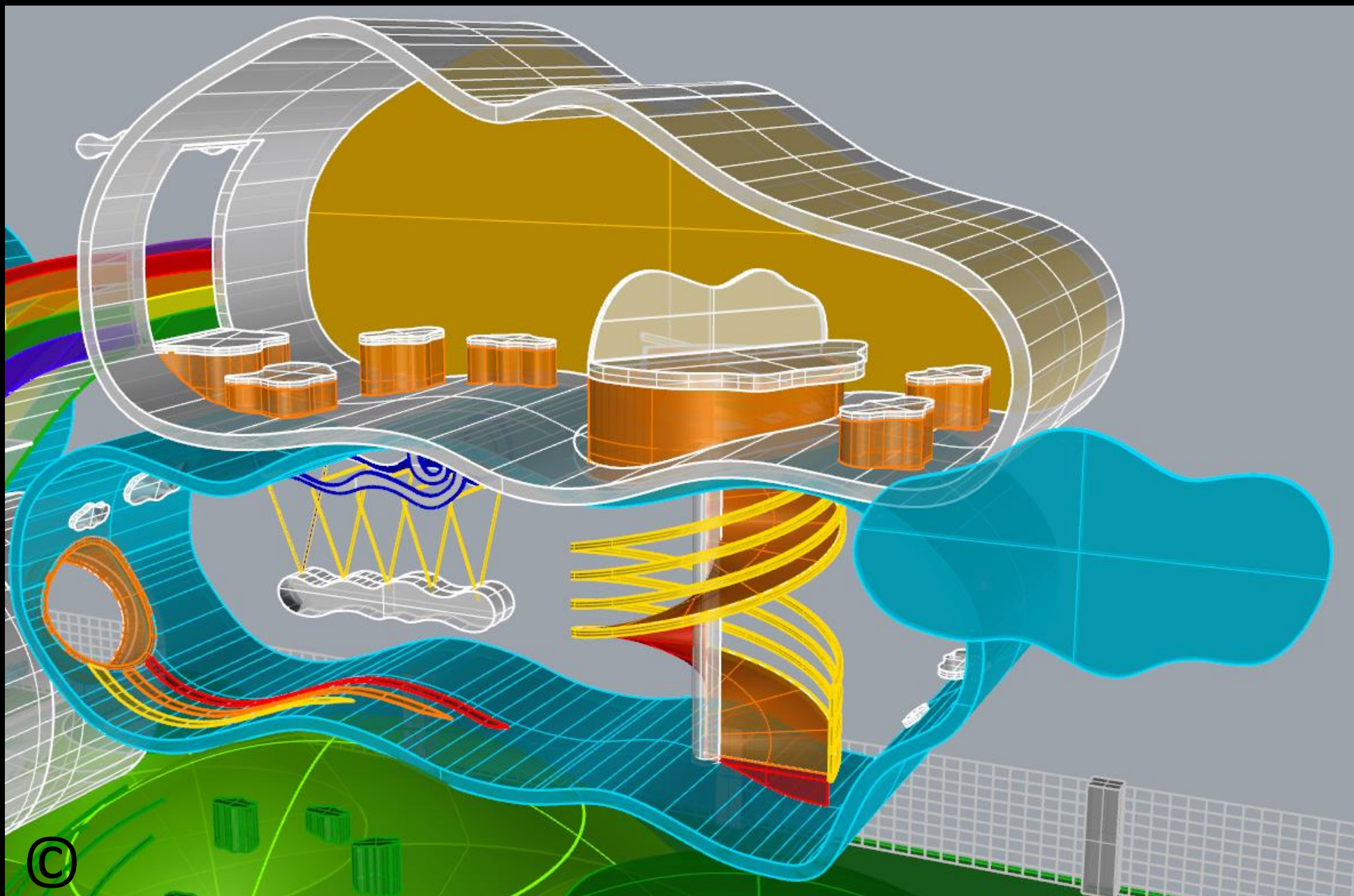
Left View

5. Play Zone No. 5 called “Clouds of Joy”



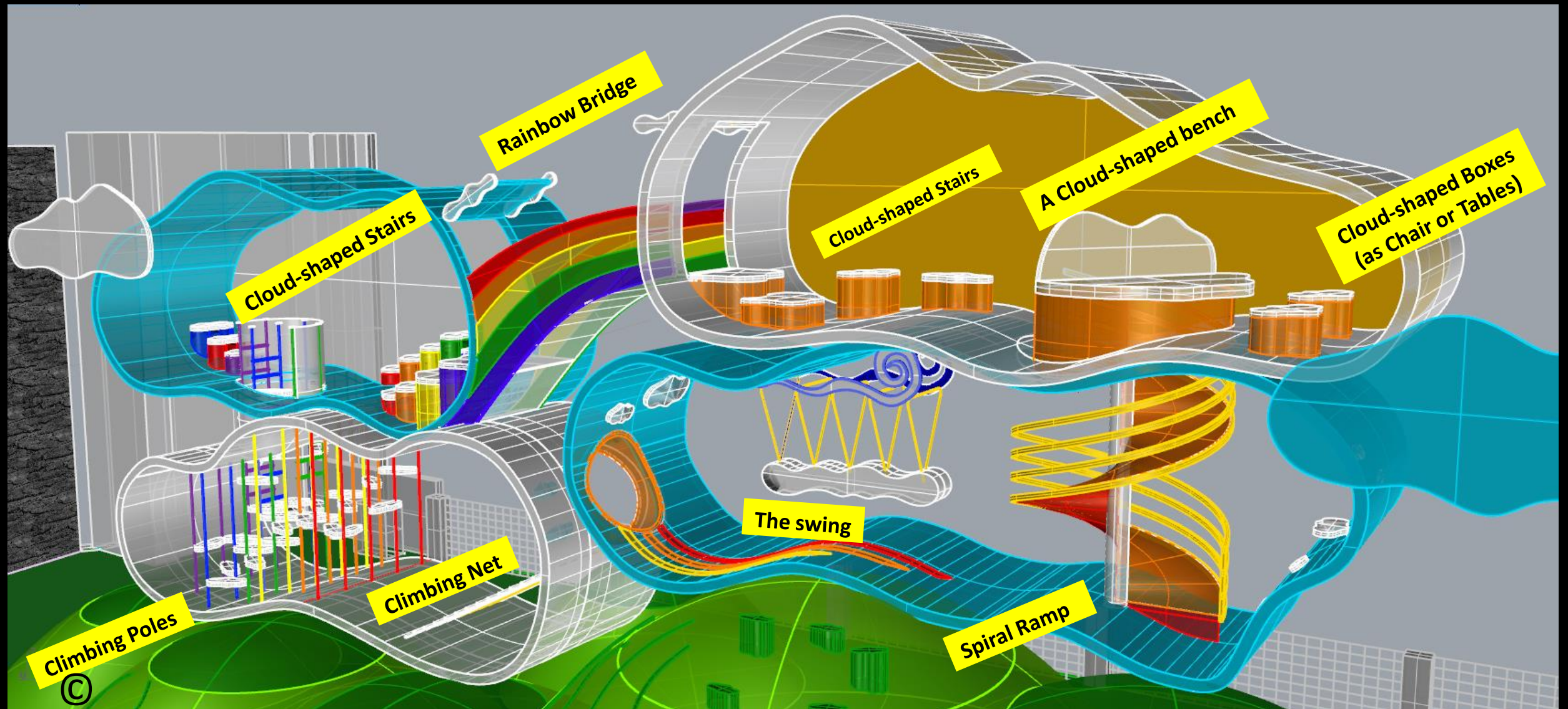
Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”



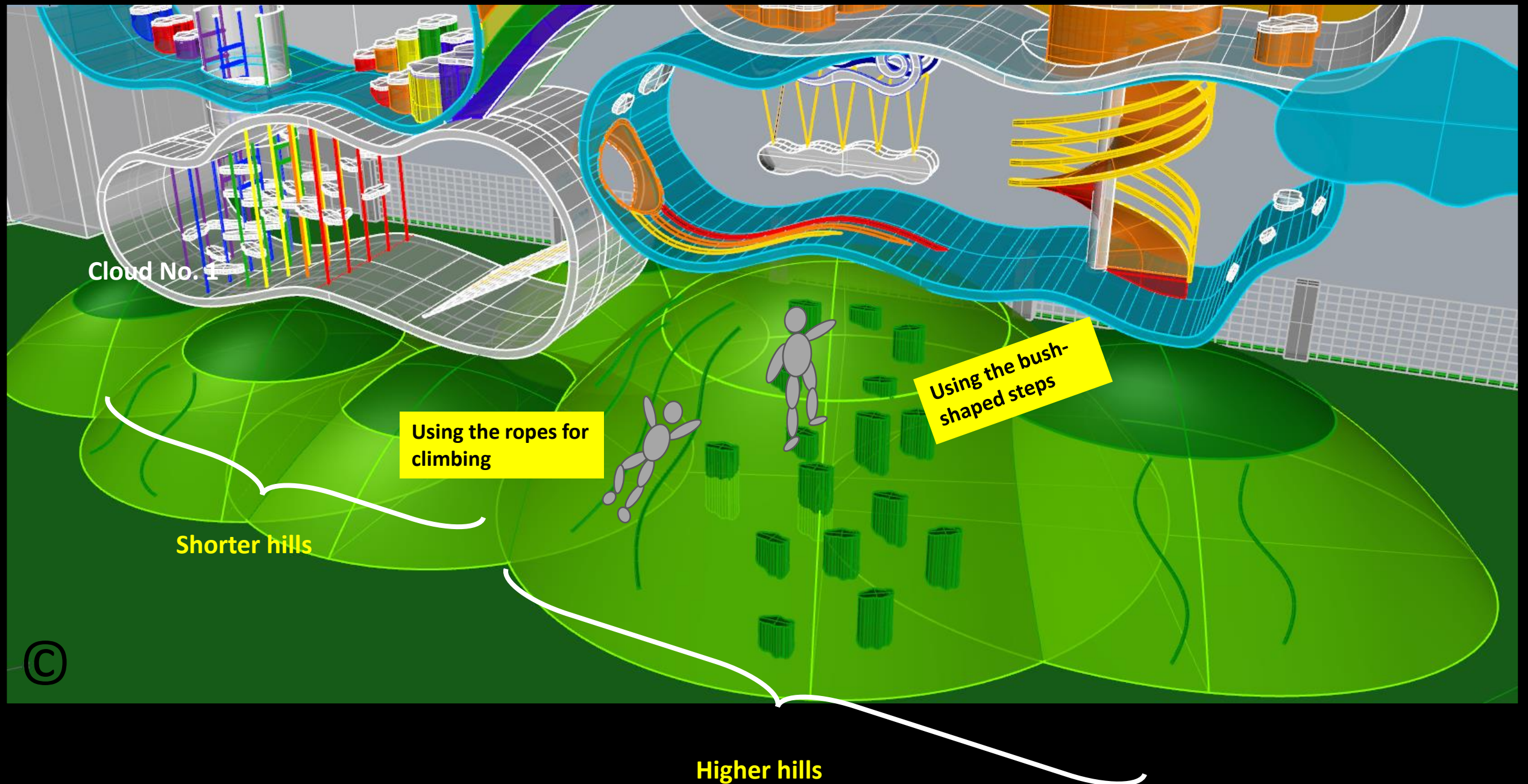
Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”

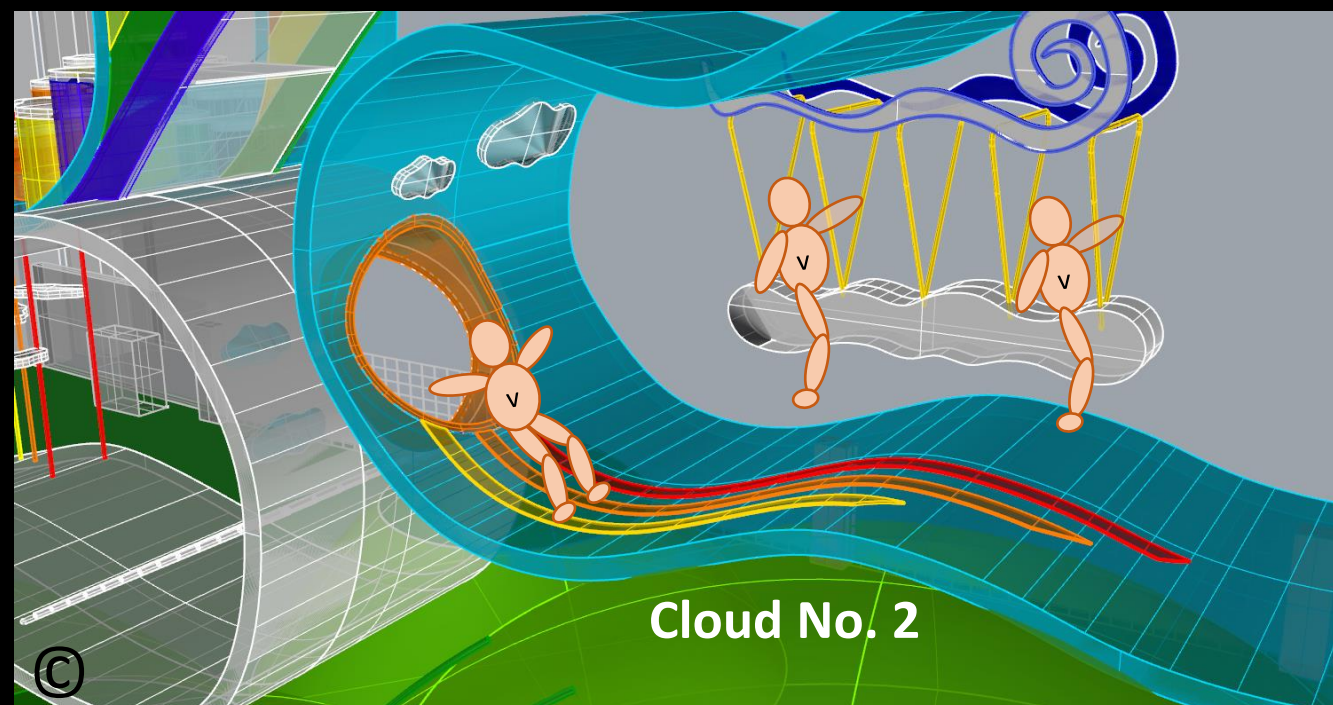
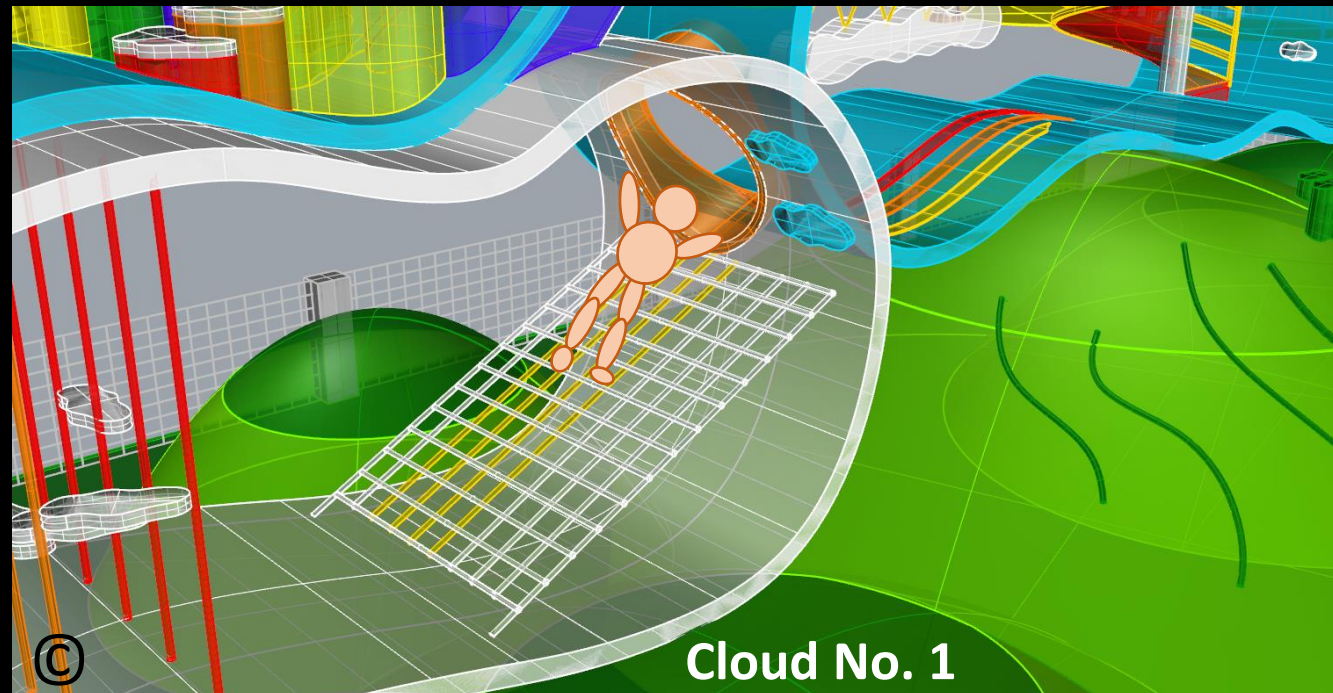


Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”

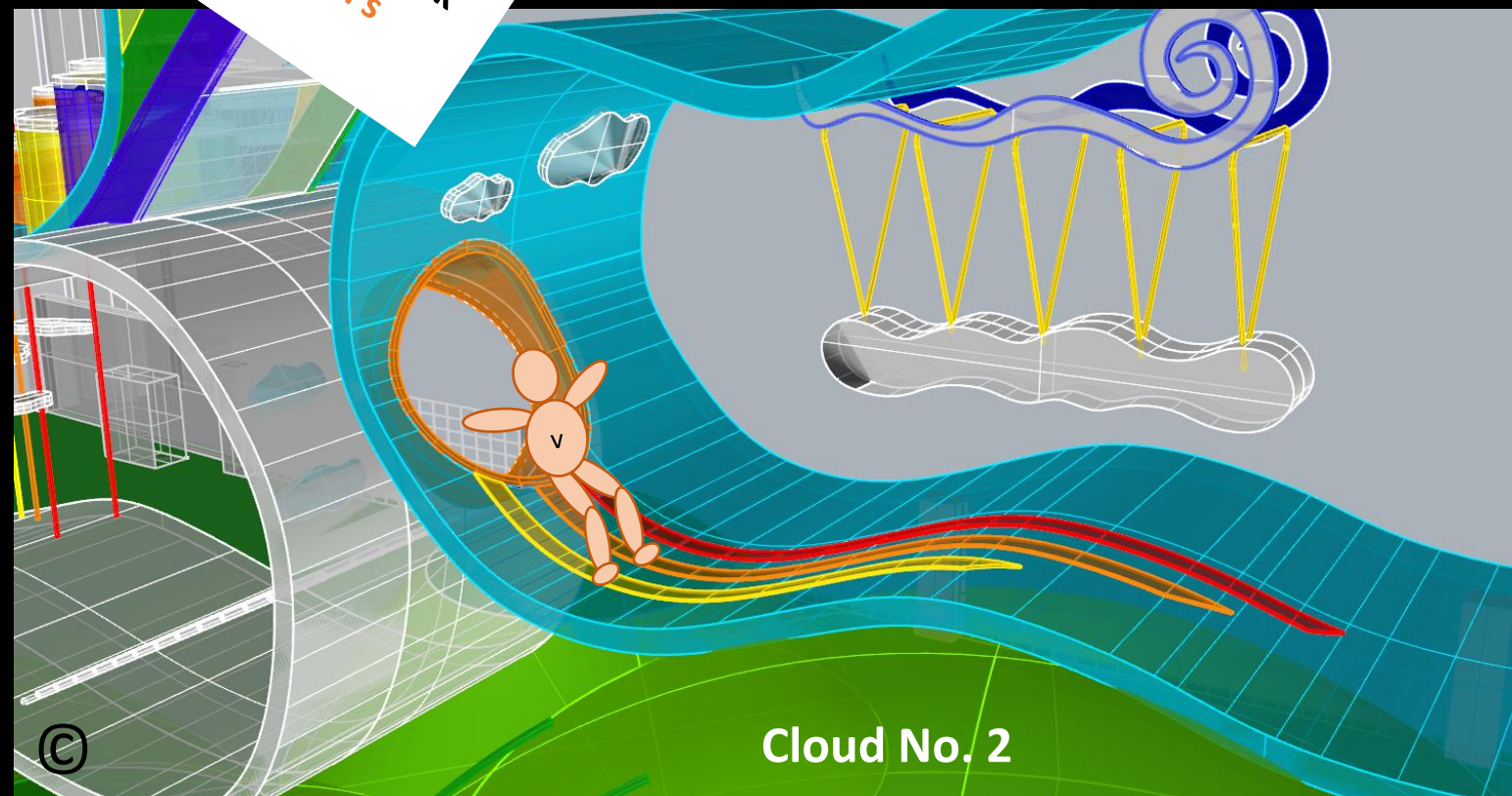
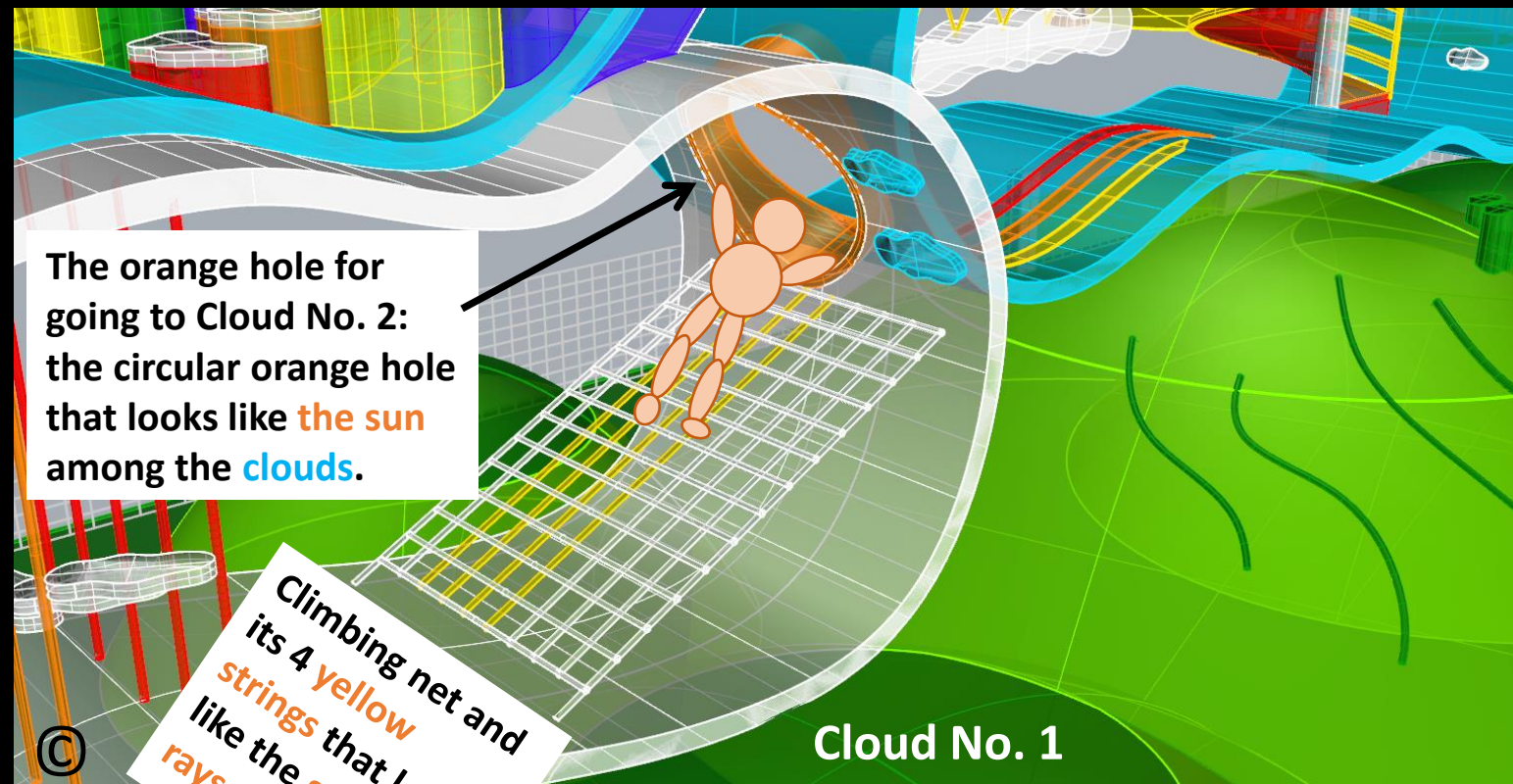


5. Play Zone No. 5 called “Clouds of Joy”

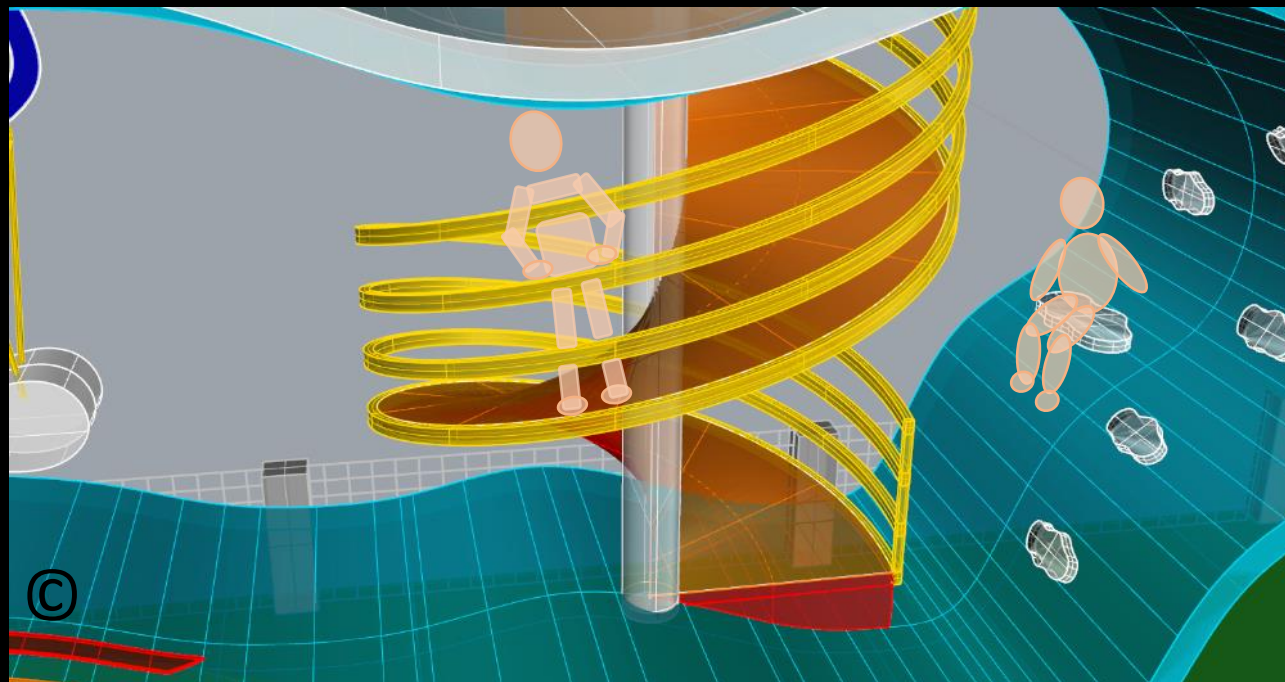
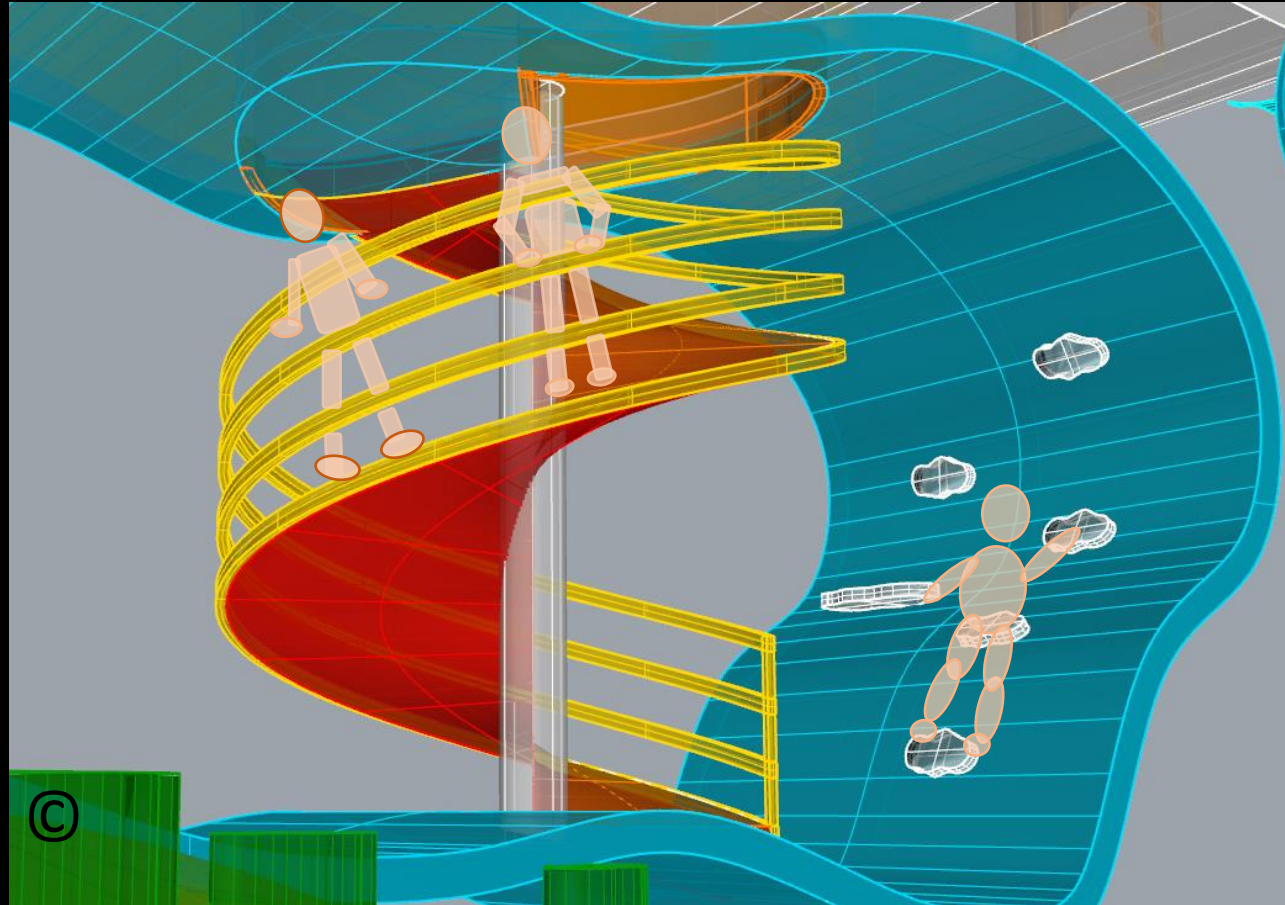


- The orange hole that connects Cloud No. 1 to Cloud No. 2
- The climbing net in Cloud No. 1
- The cloud-shaped swing in Cloud No. 2

5. Play Zone No. 5 called “Clouds of Joy”

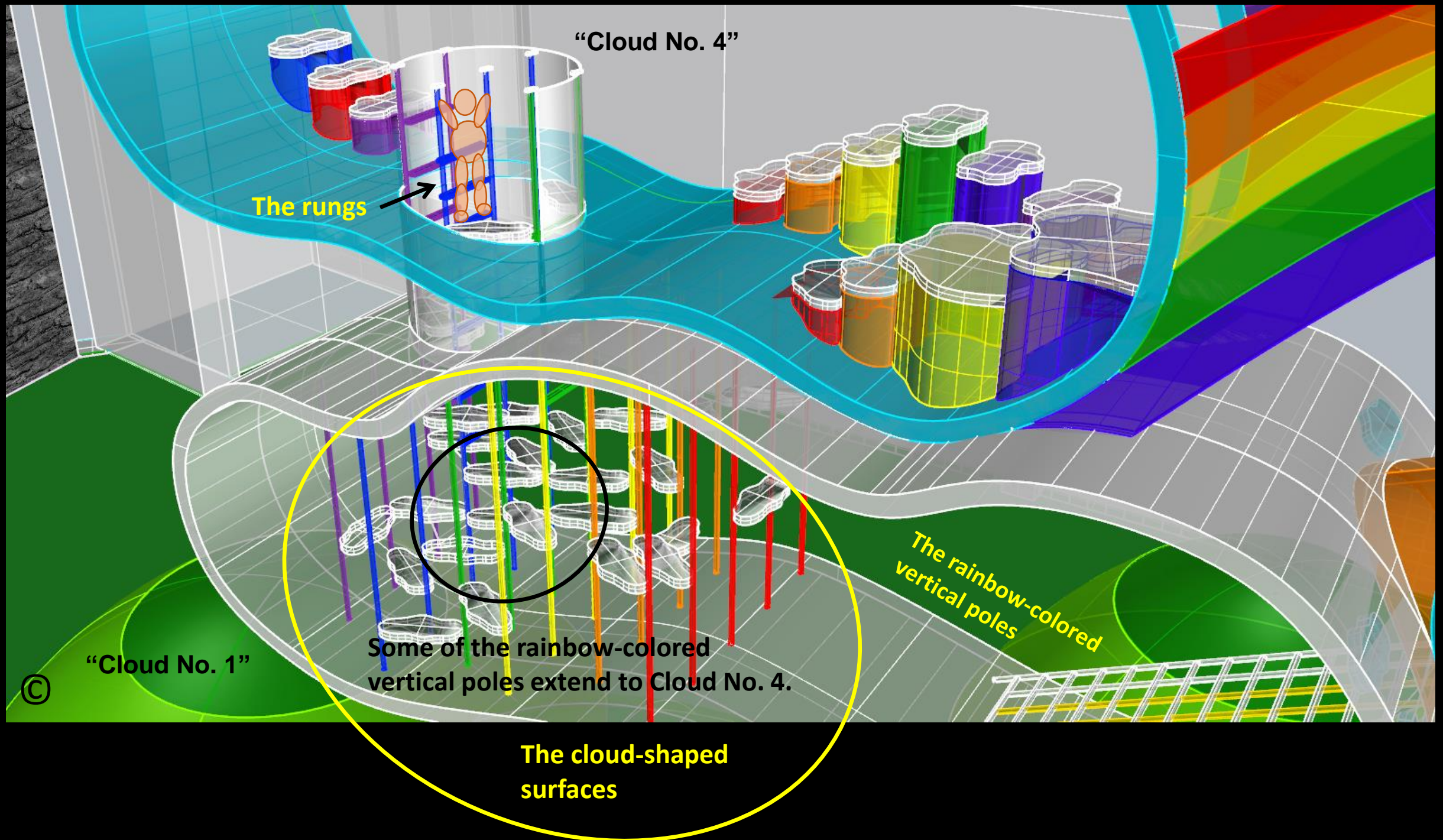


5. Play Zone No. 5 called “Clouds of Joy”



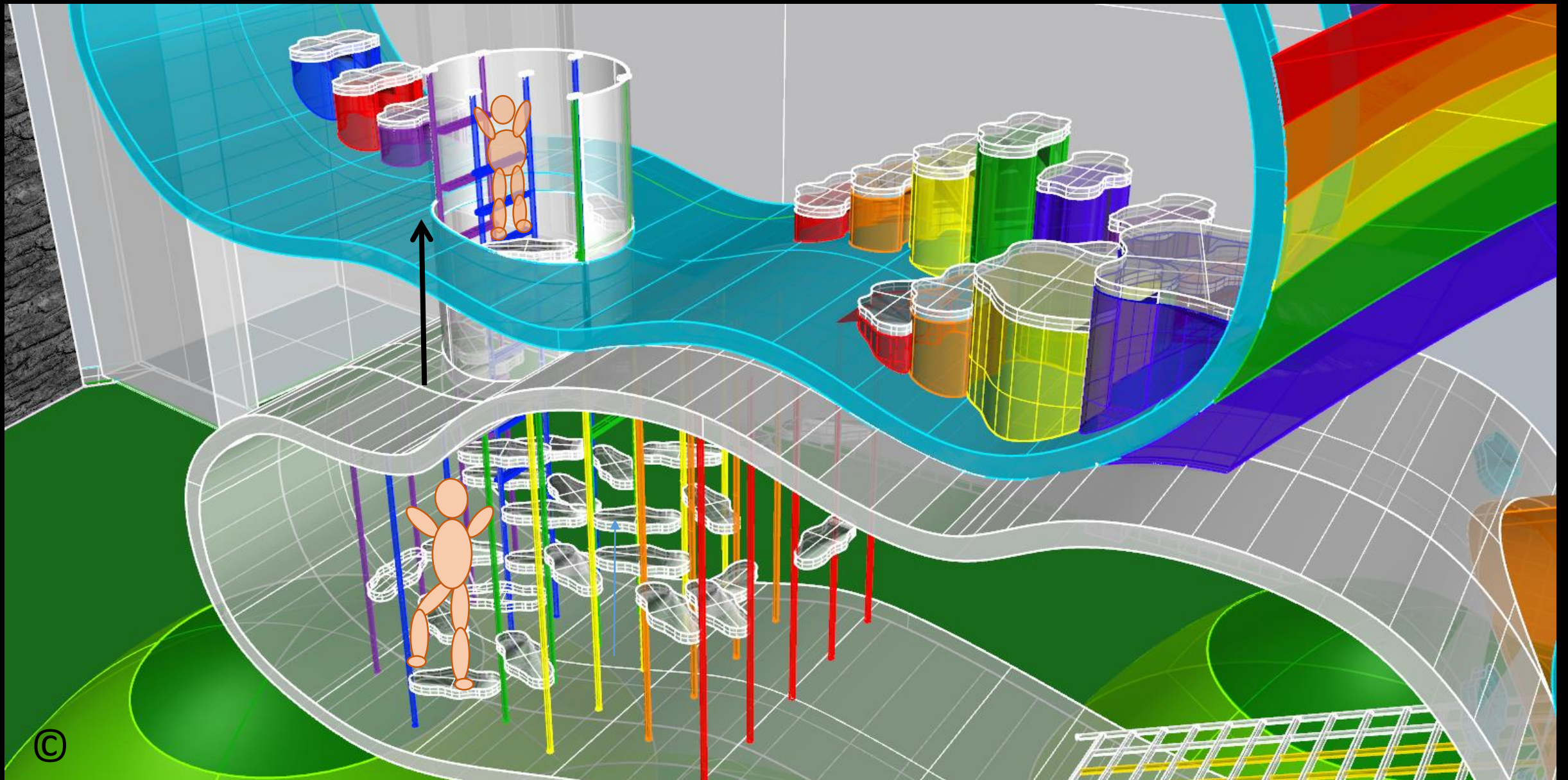
The Spiral Ramp in Cloud No. 2

5. Play Zone No. 5 called “Clouds of Joy”



Cloud No. 1 & Cloud No. 4

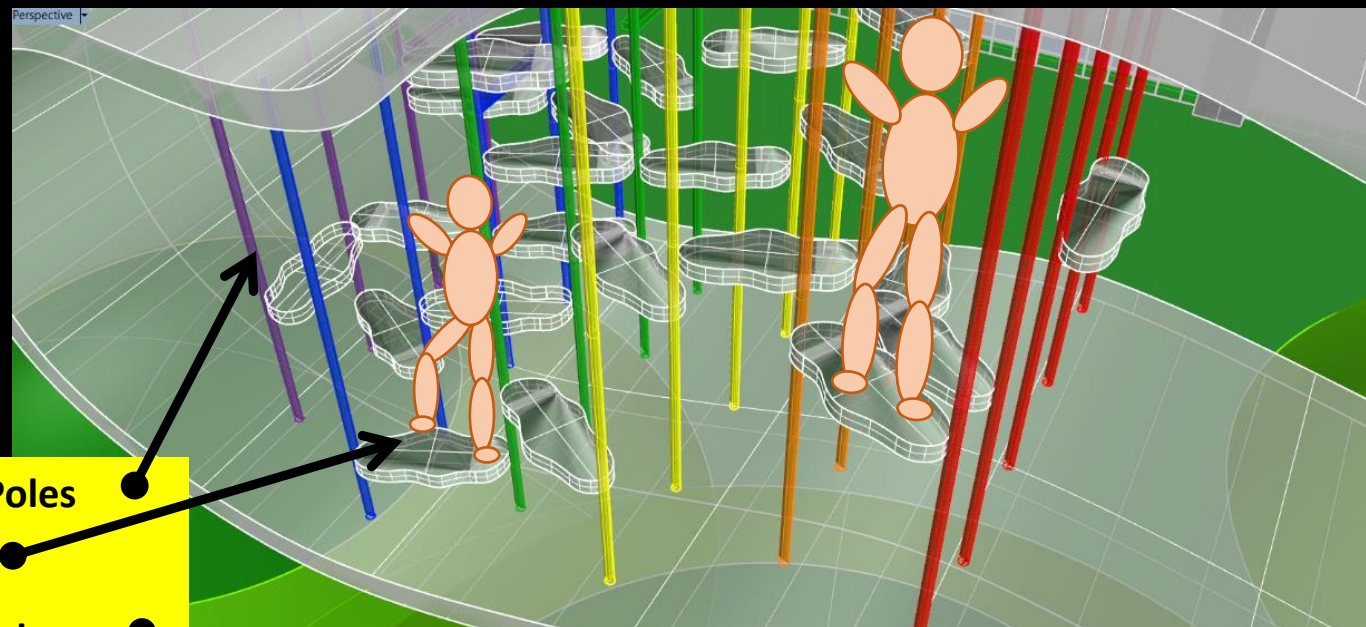
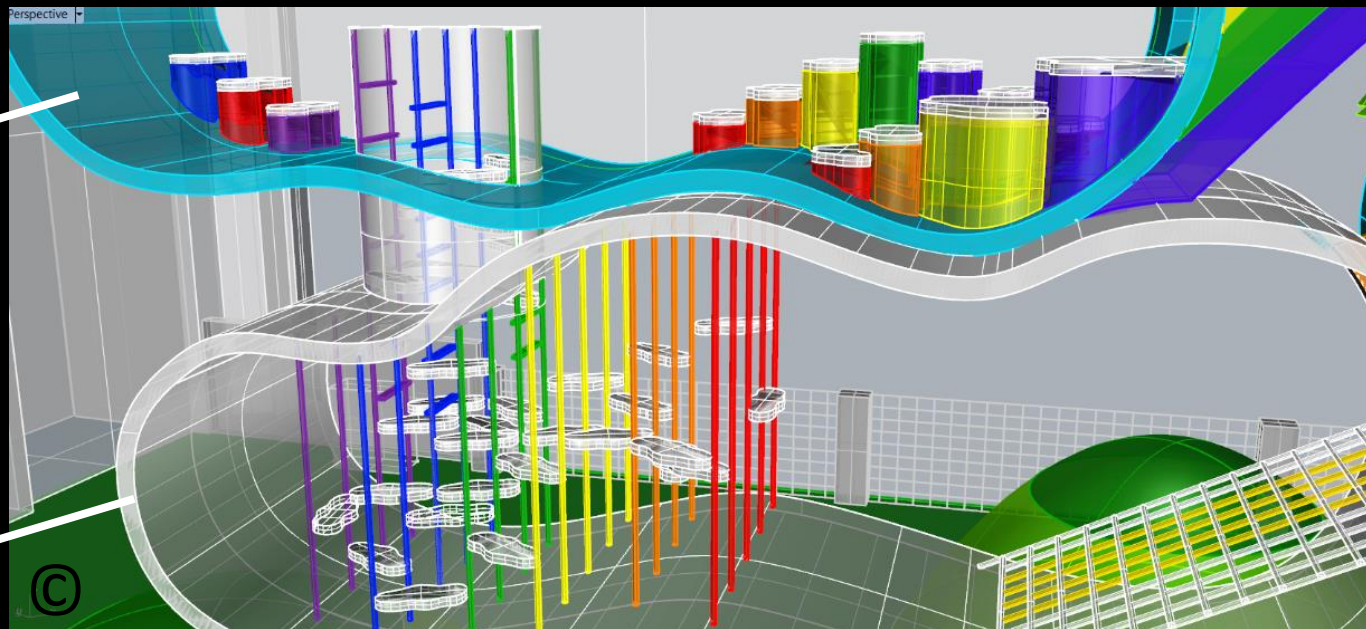
5. Play Zone No. 5 called “Clouds of Joy”



Cloud No. 1 & Cloud No. 4

Cloud No. 4

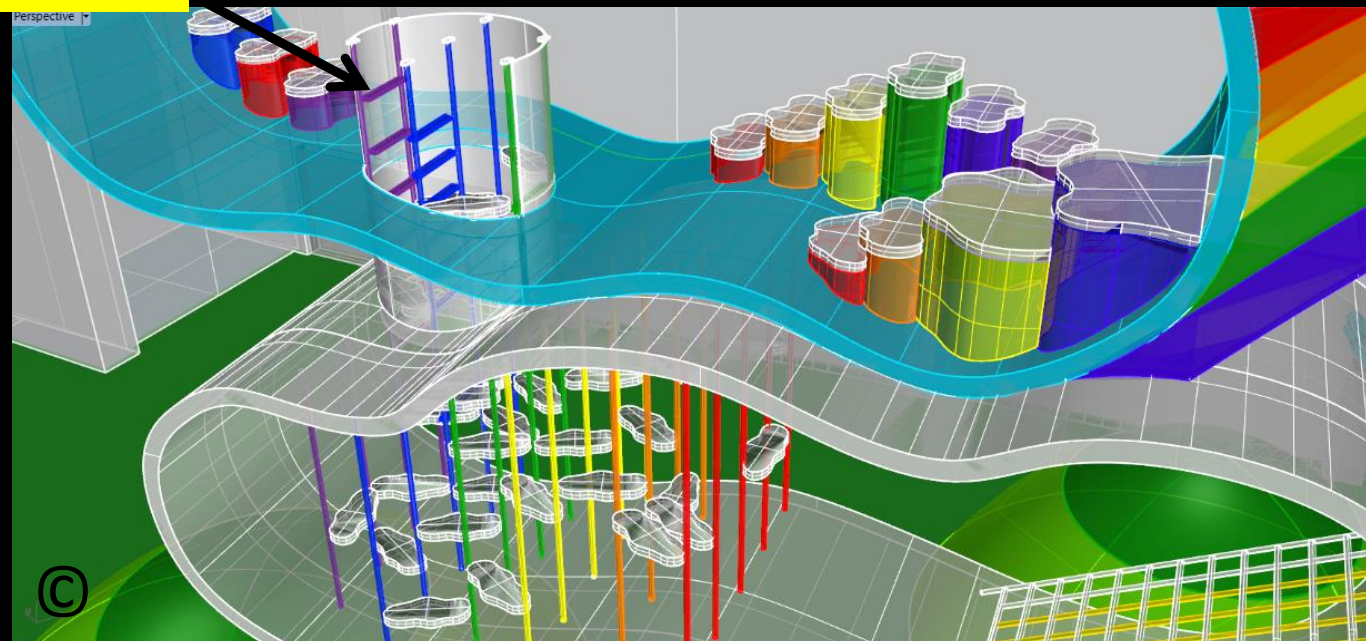
Cloud No. 1



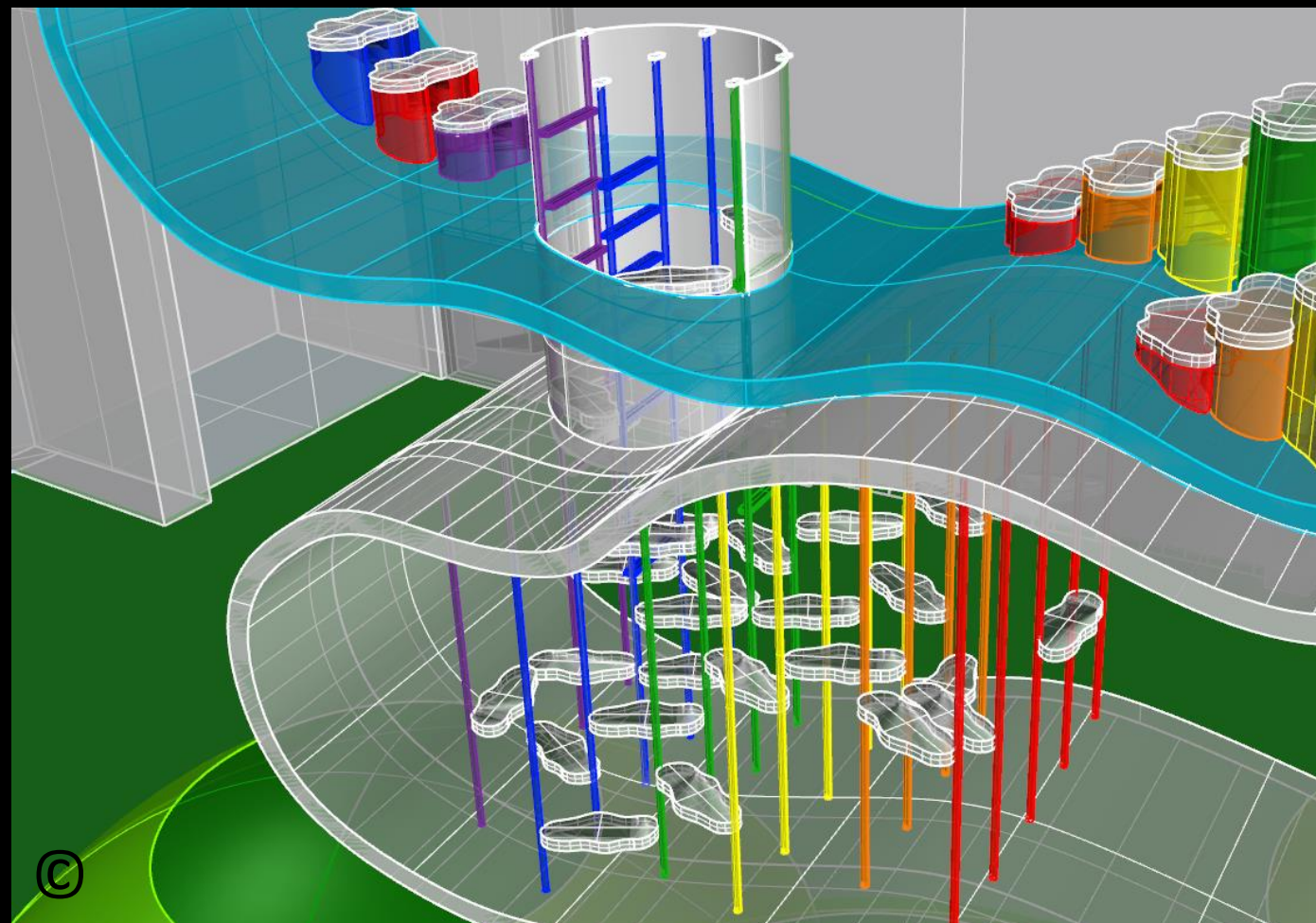
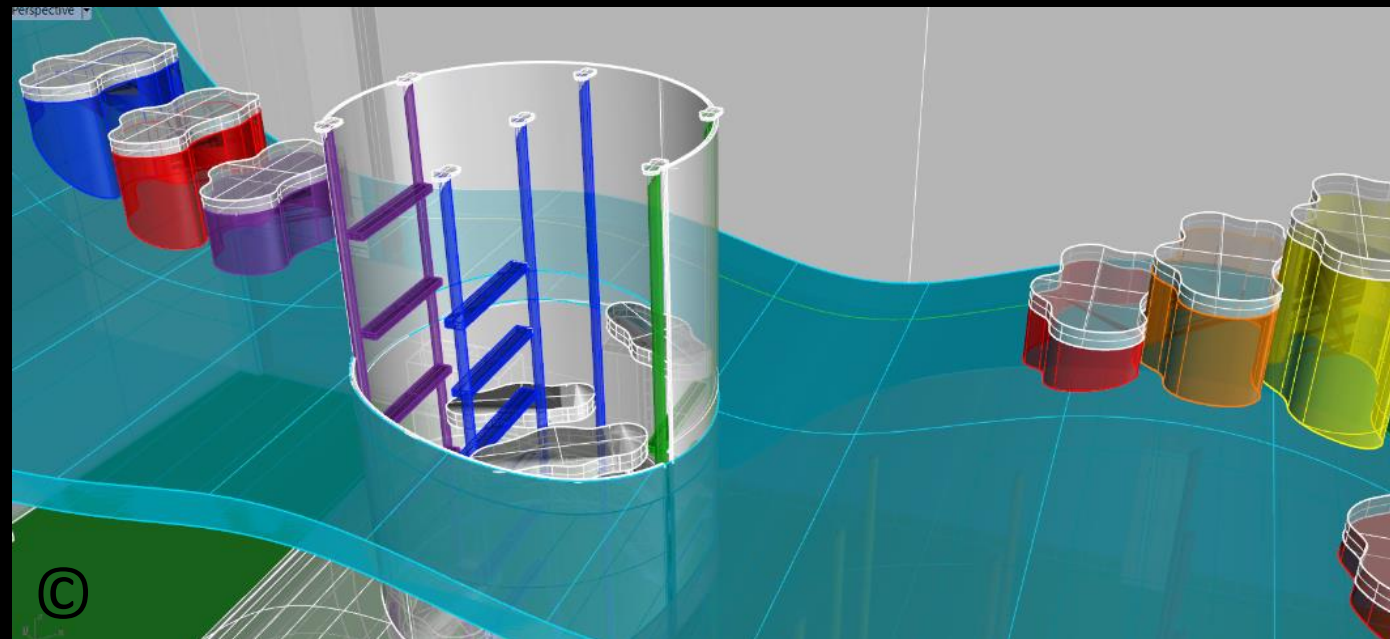
Rainbow-colored Vertical Poles

Cloud-shaped Surfaces

Rungs Installed Between Poles

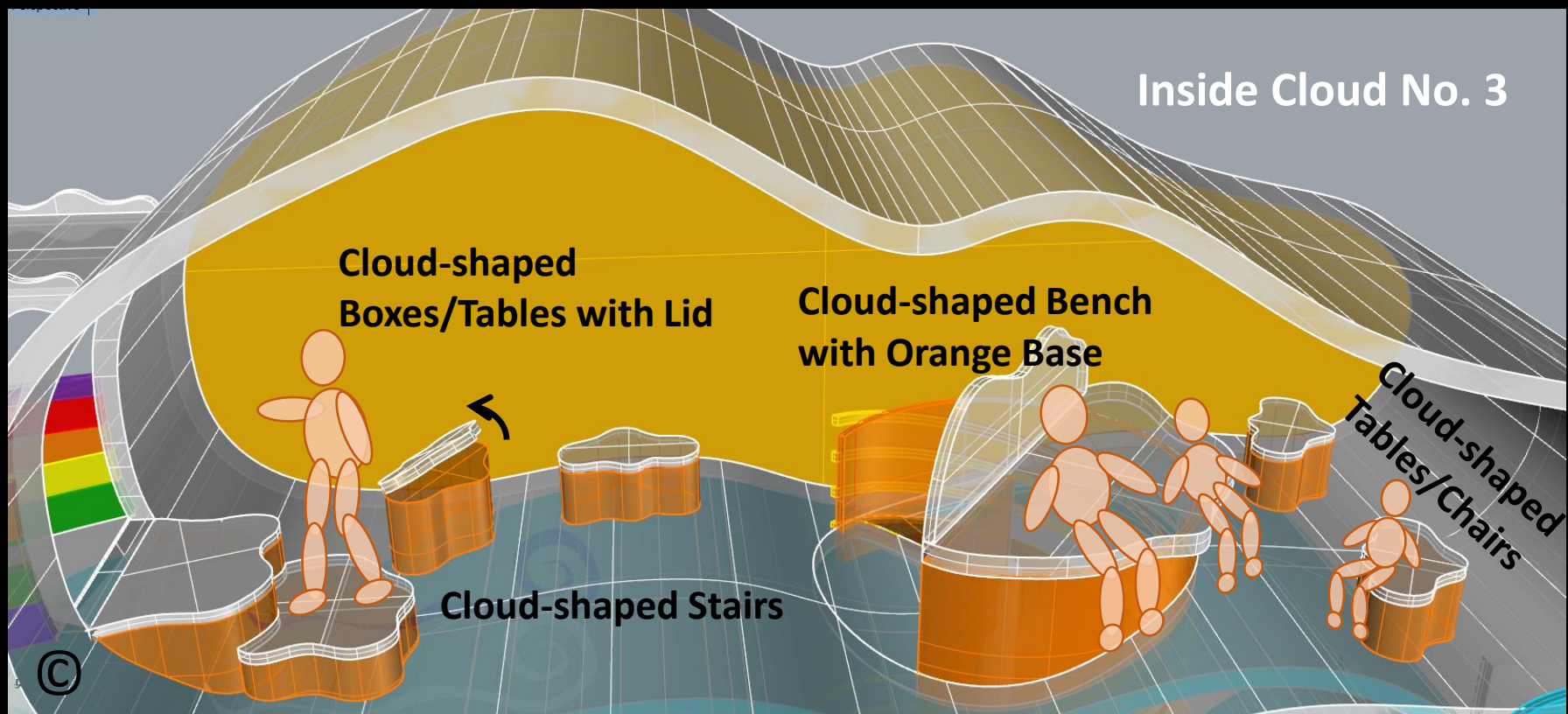
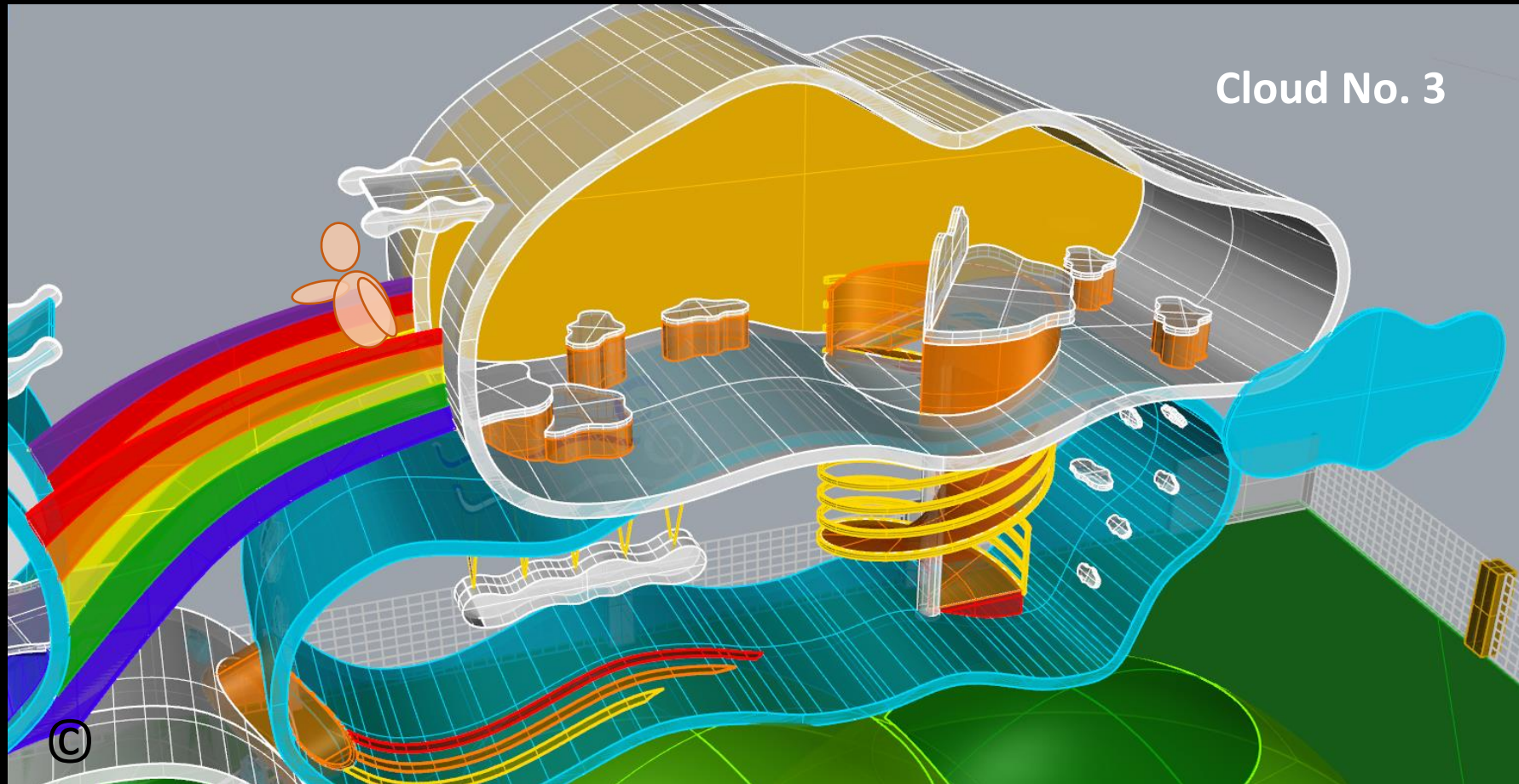


5. Play Zone No. 5 called “Clouds of Joy”



Designer: Neda Batenipour

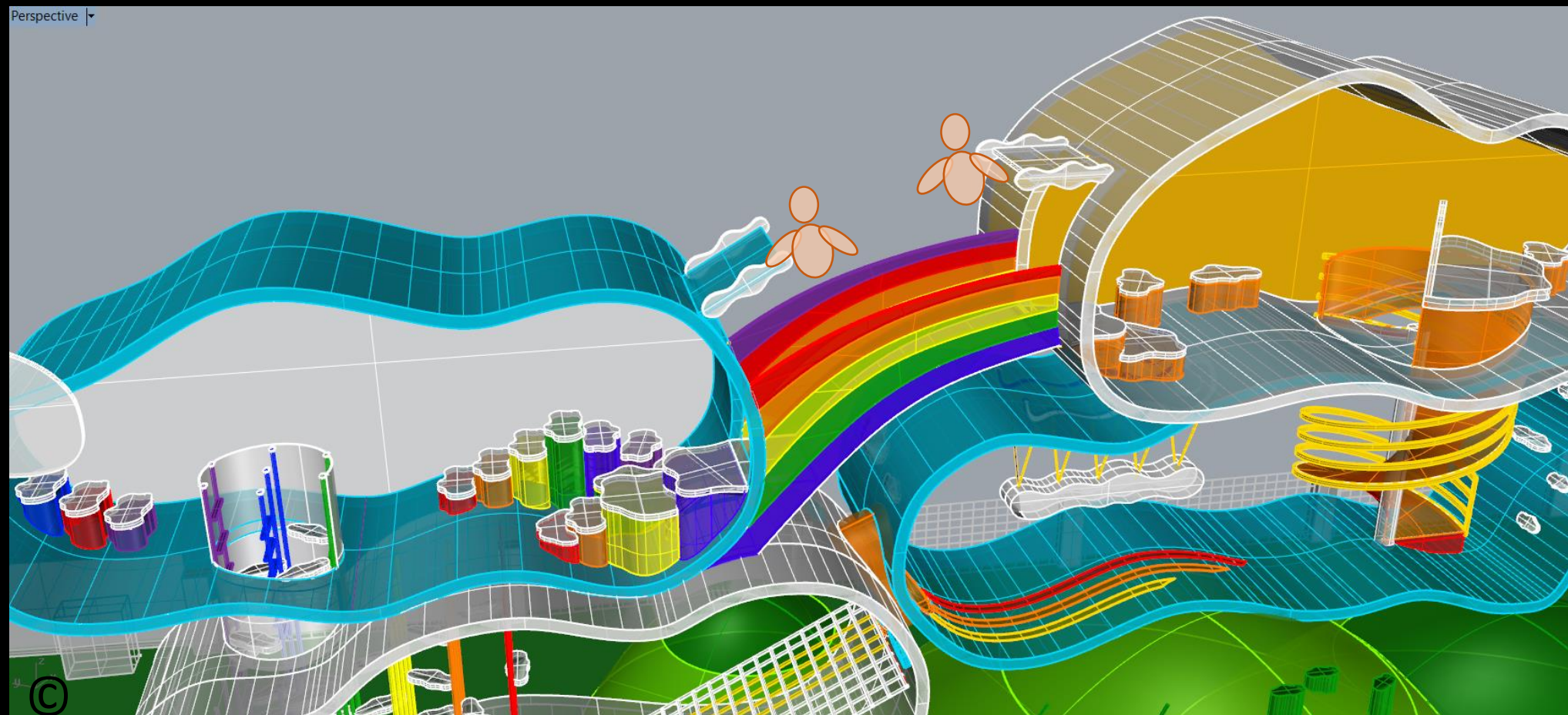
5. Play Zone No. 5 called “Clouds of Joy”



5. Play Zone No. 5 called “Clouds of Joy”

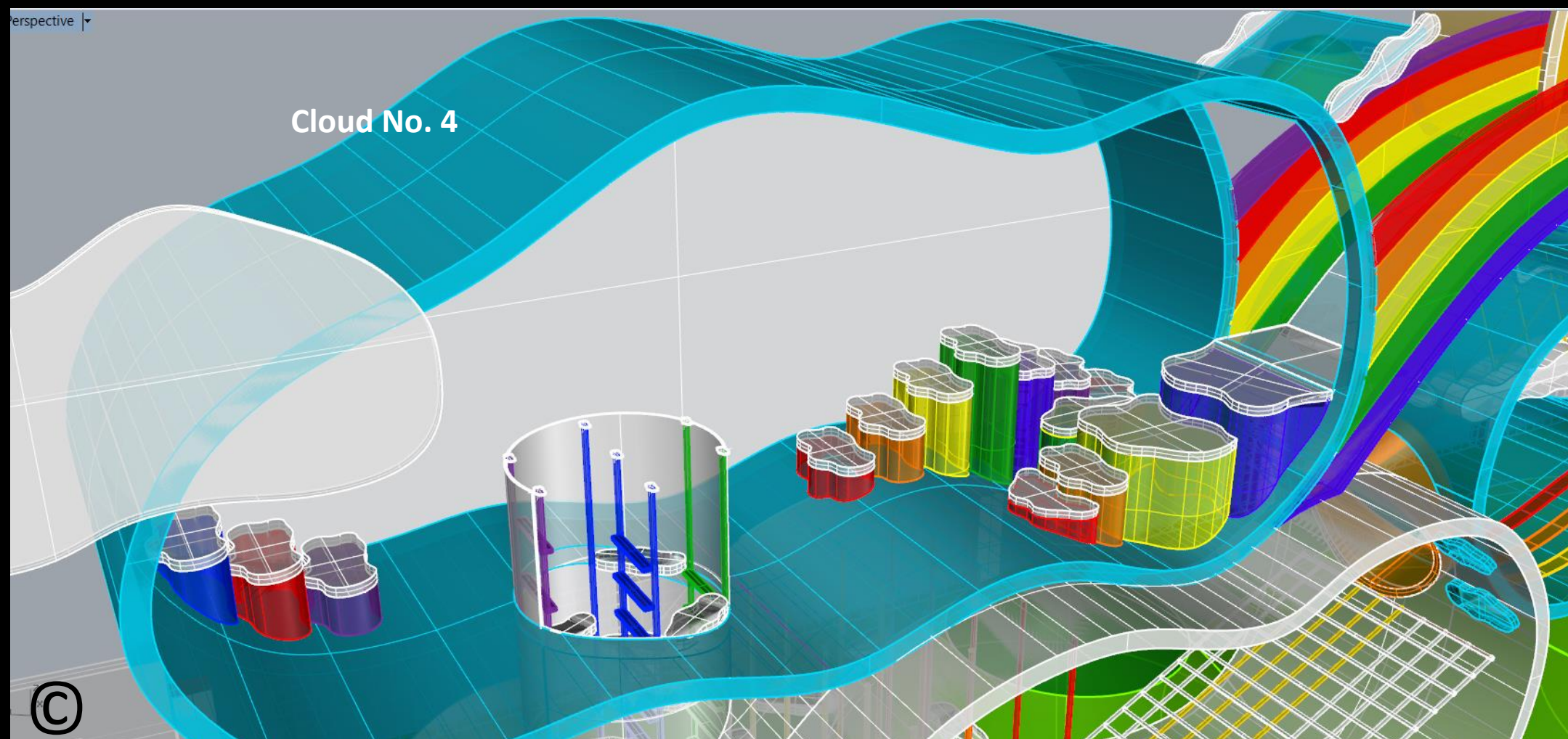


5. Play Zone No. 5 called “Clouds of Joy”

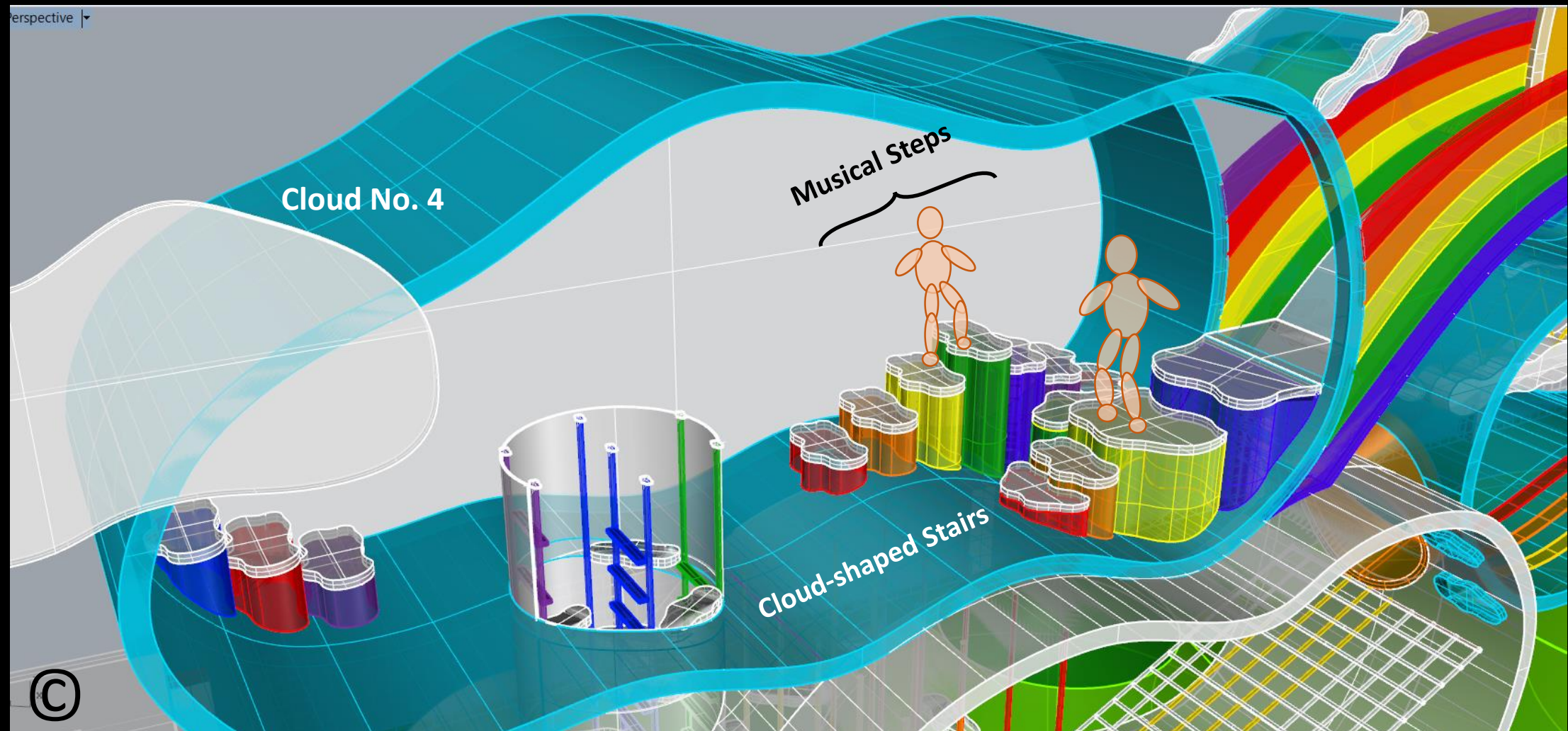


Designer: Neda Batenipour

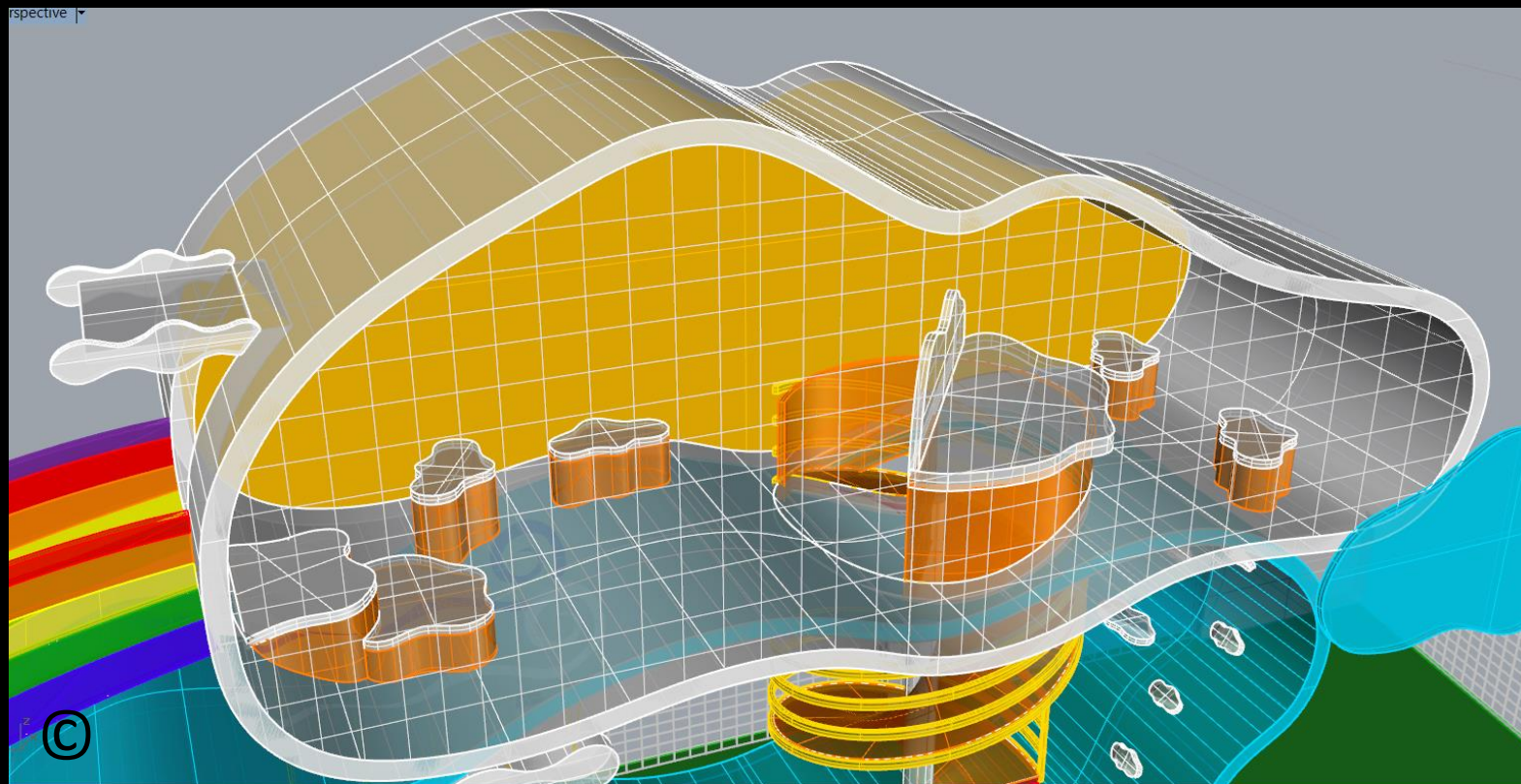
5. Play Zone No. 5 called “Clouds of Joy”



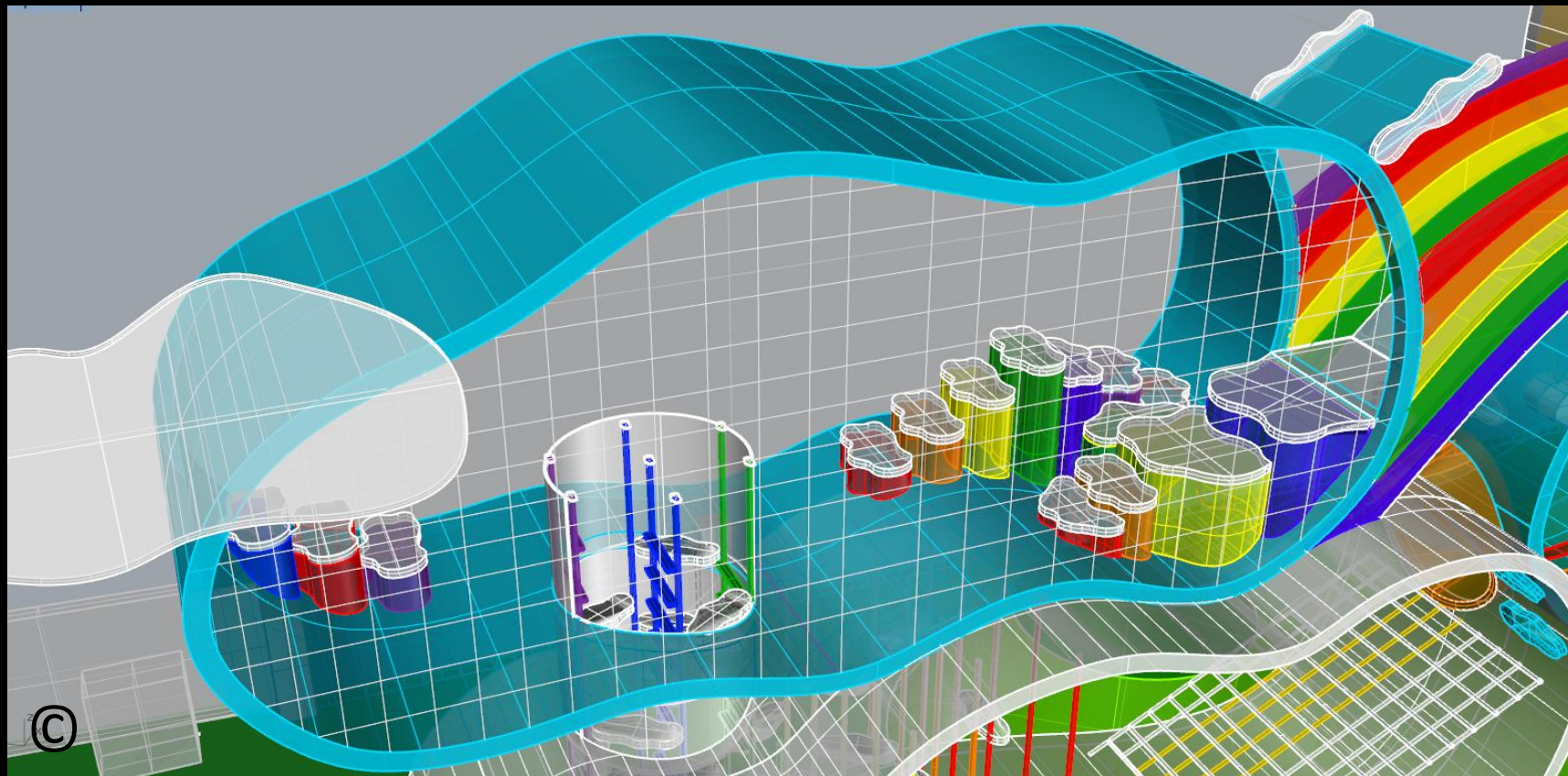
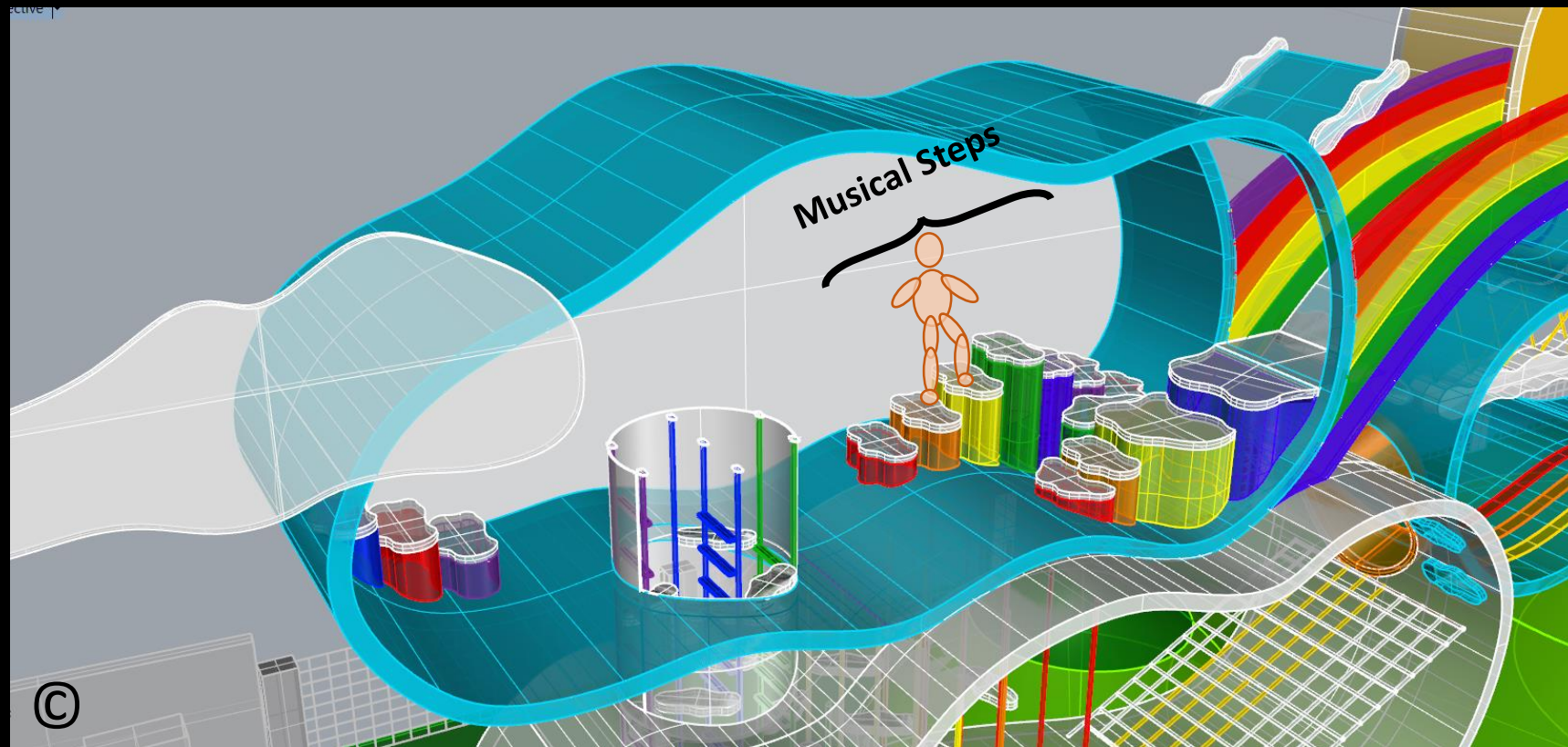
5. Play Zone No. 5 called “Clouds of Joy”



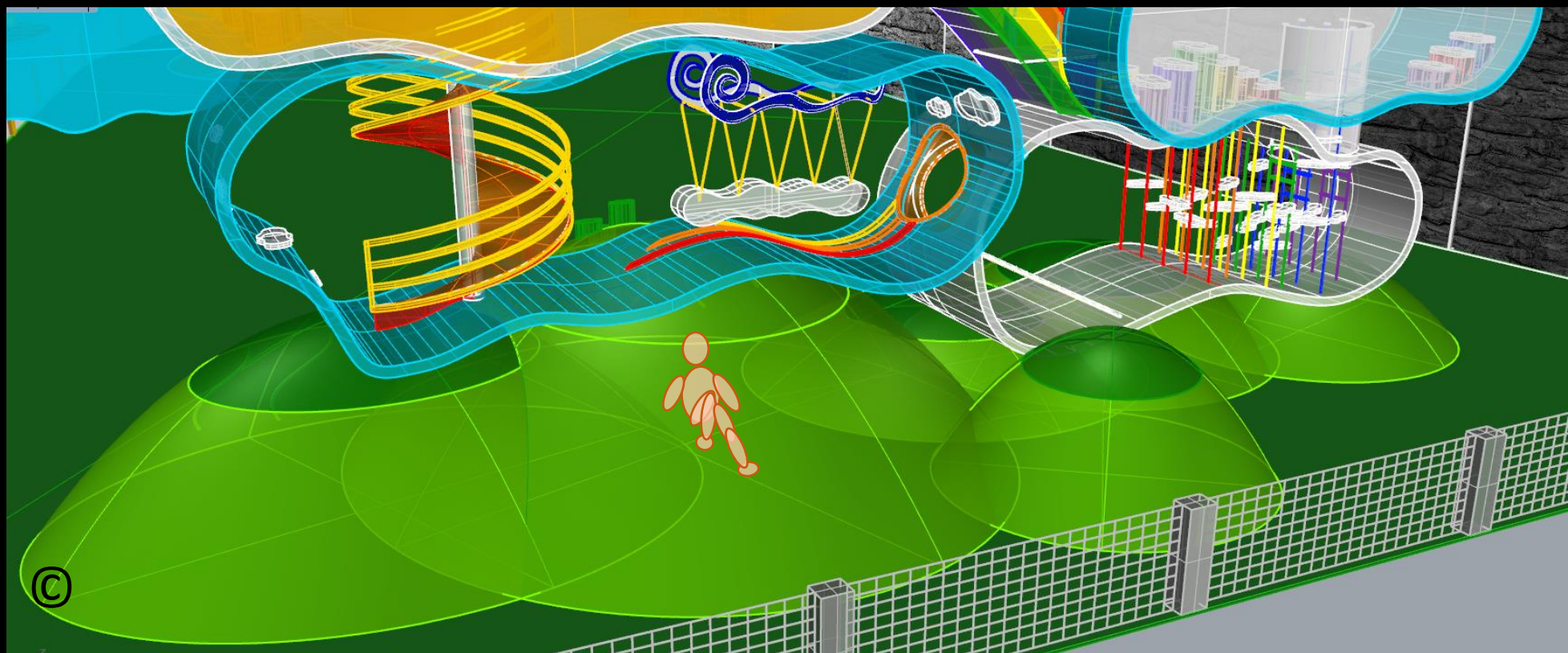
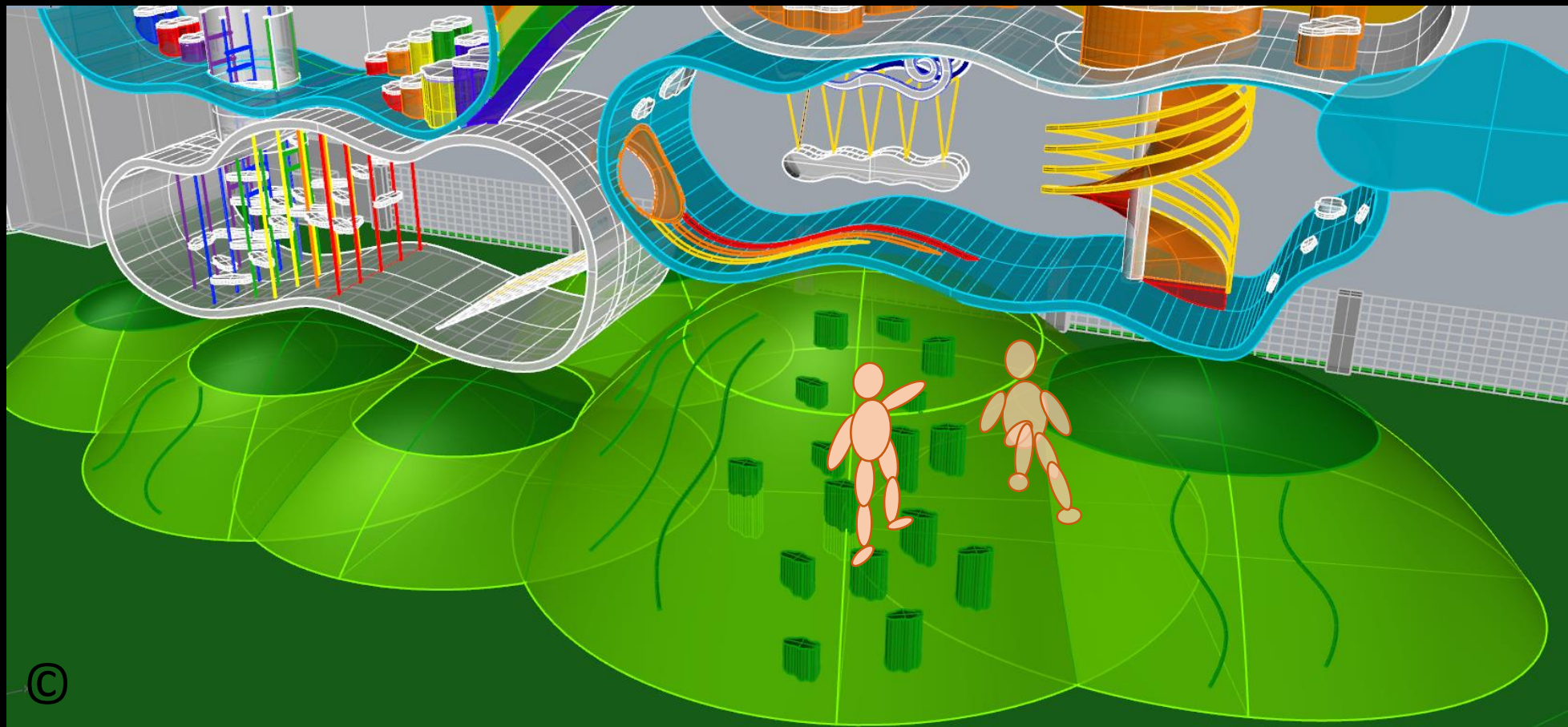
5. Play Zone No. 5 called “Clouds of Joy”



5. Play Zone No. 5 called “Clouds of Joy”

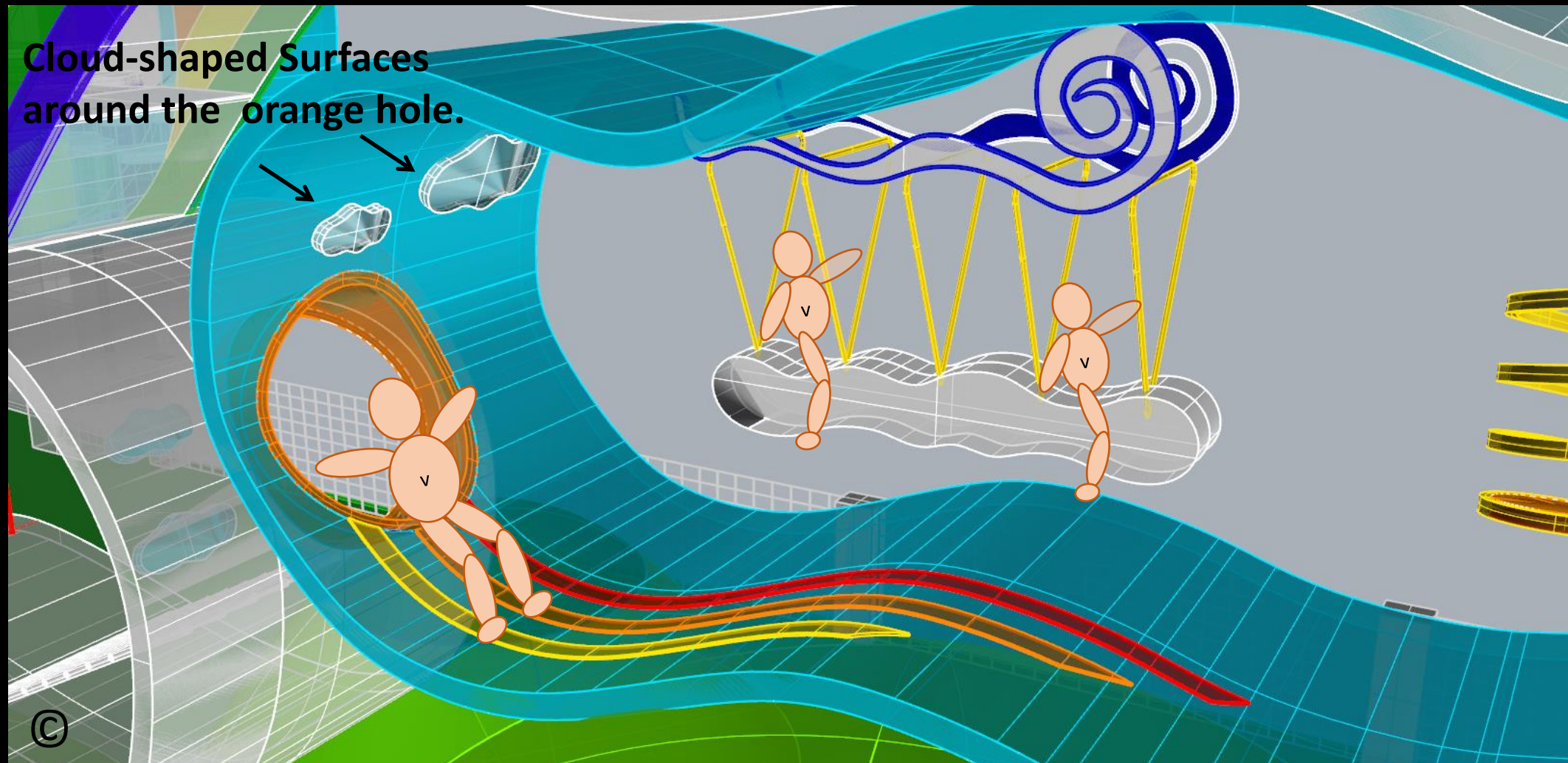


Designer: Neda Batenipour



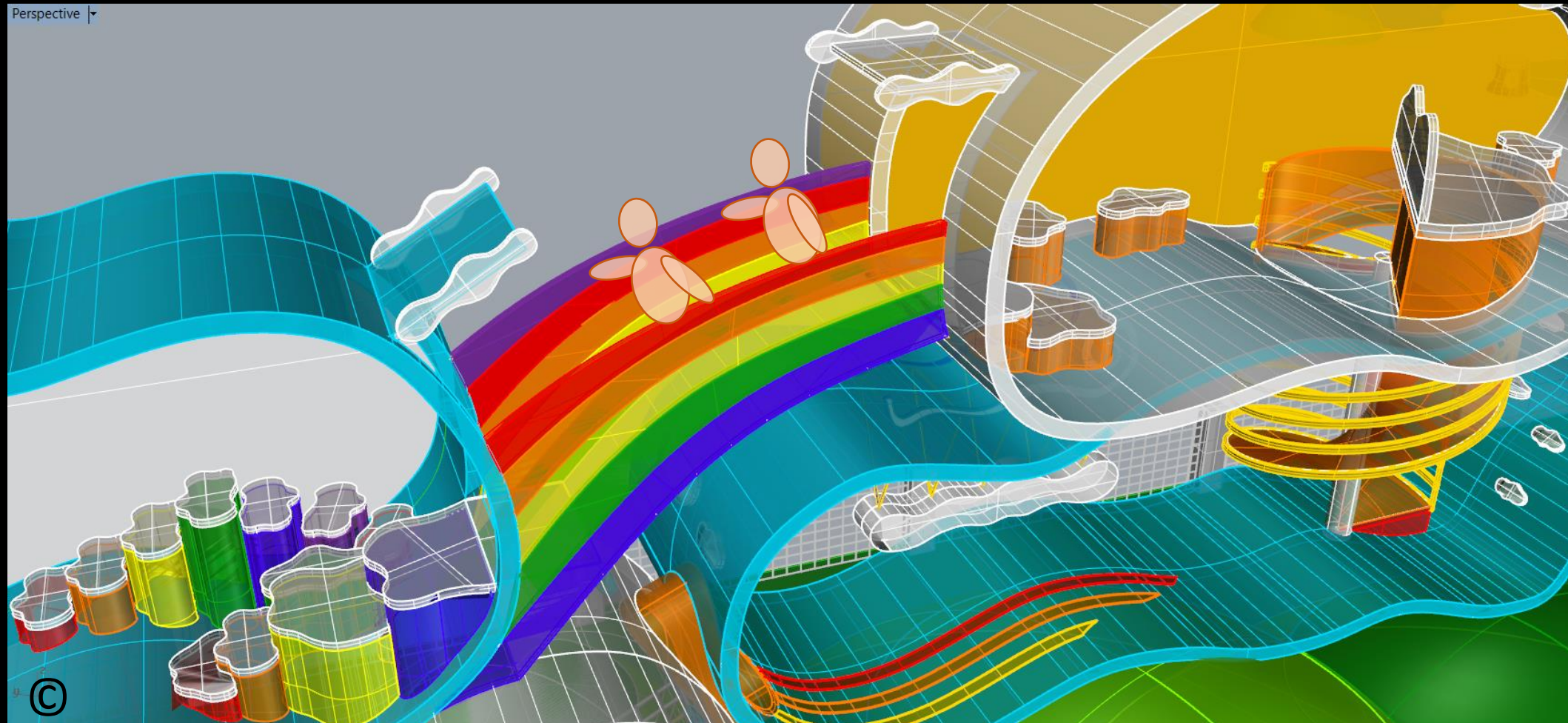
Views from the back faces and front faces of Cloud No. 1 & Cloud No. 2 which are all open to access and being used as entrances.

5. Play Zone No. 5 called “Clouds of Joy”



Cloud-shaped Swing in Cloud No. 2

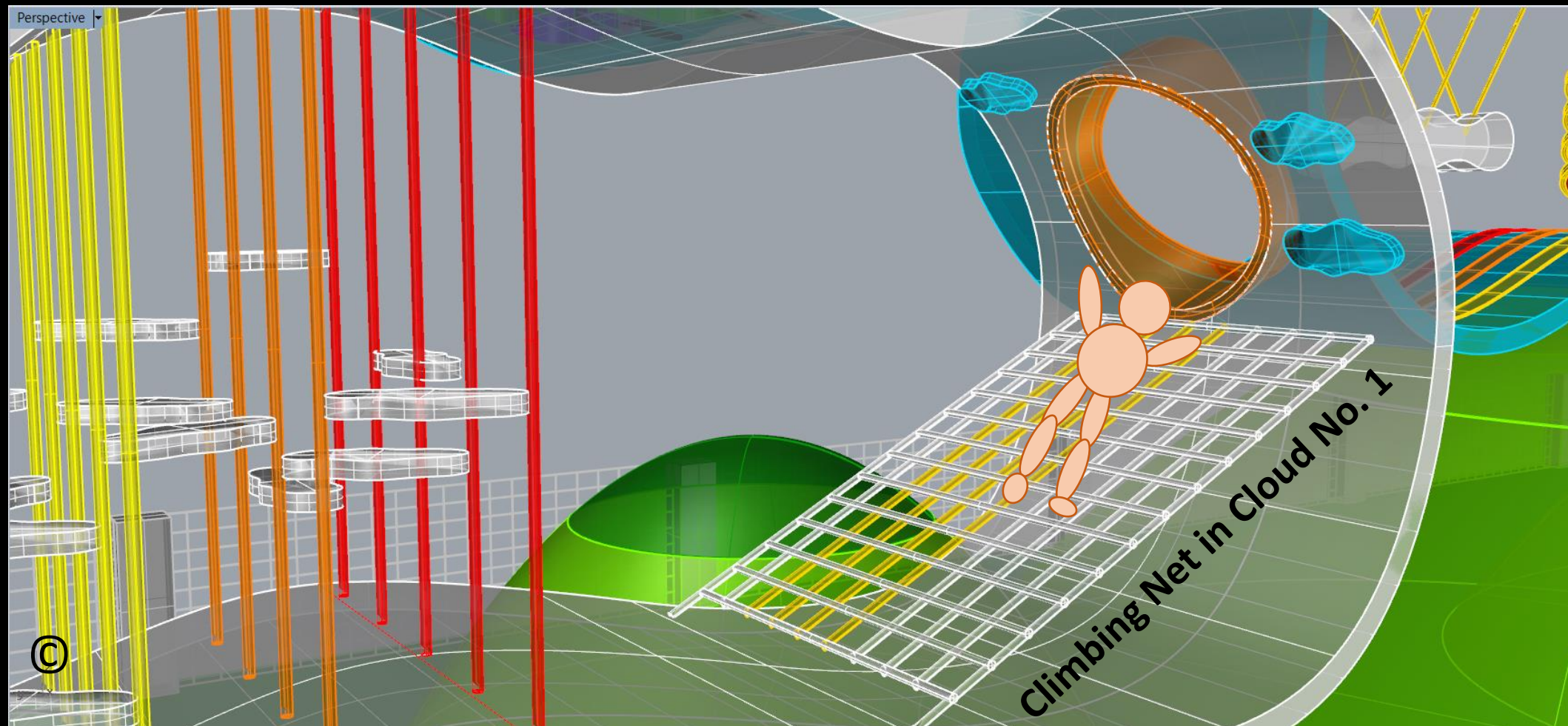
5. Play Zone No. 5 called “Clouds of Joy”



Rainbow-colored Bridge

Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”



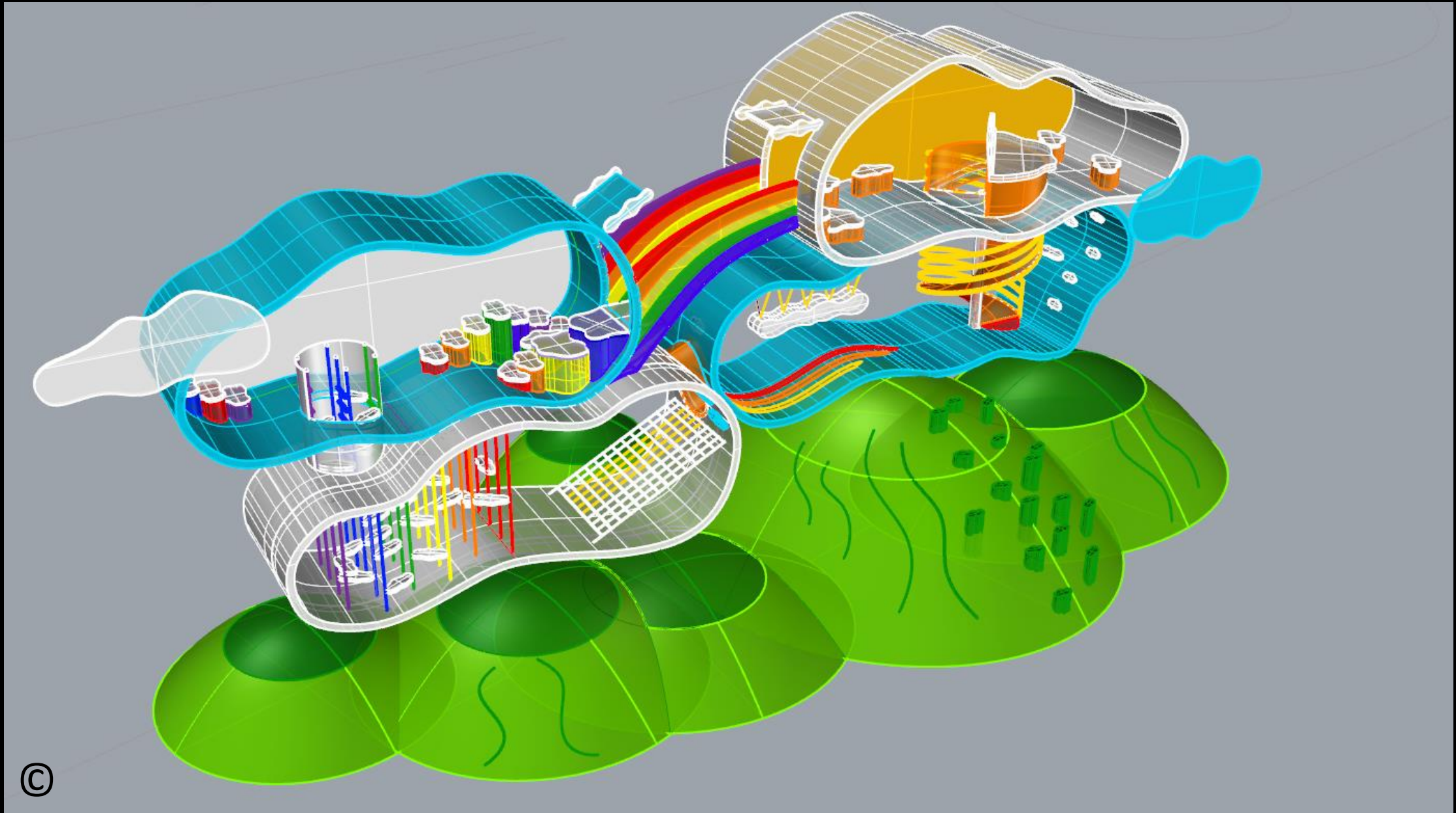
Rainbow-colored Poles

5. Play Zone No. 5 called “Clouds of Joy”



The bush-shaped surfaces – that have been installed on the hill — as stairs. They are used to climb up/down the hill and access the clouds.

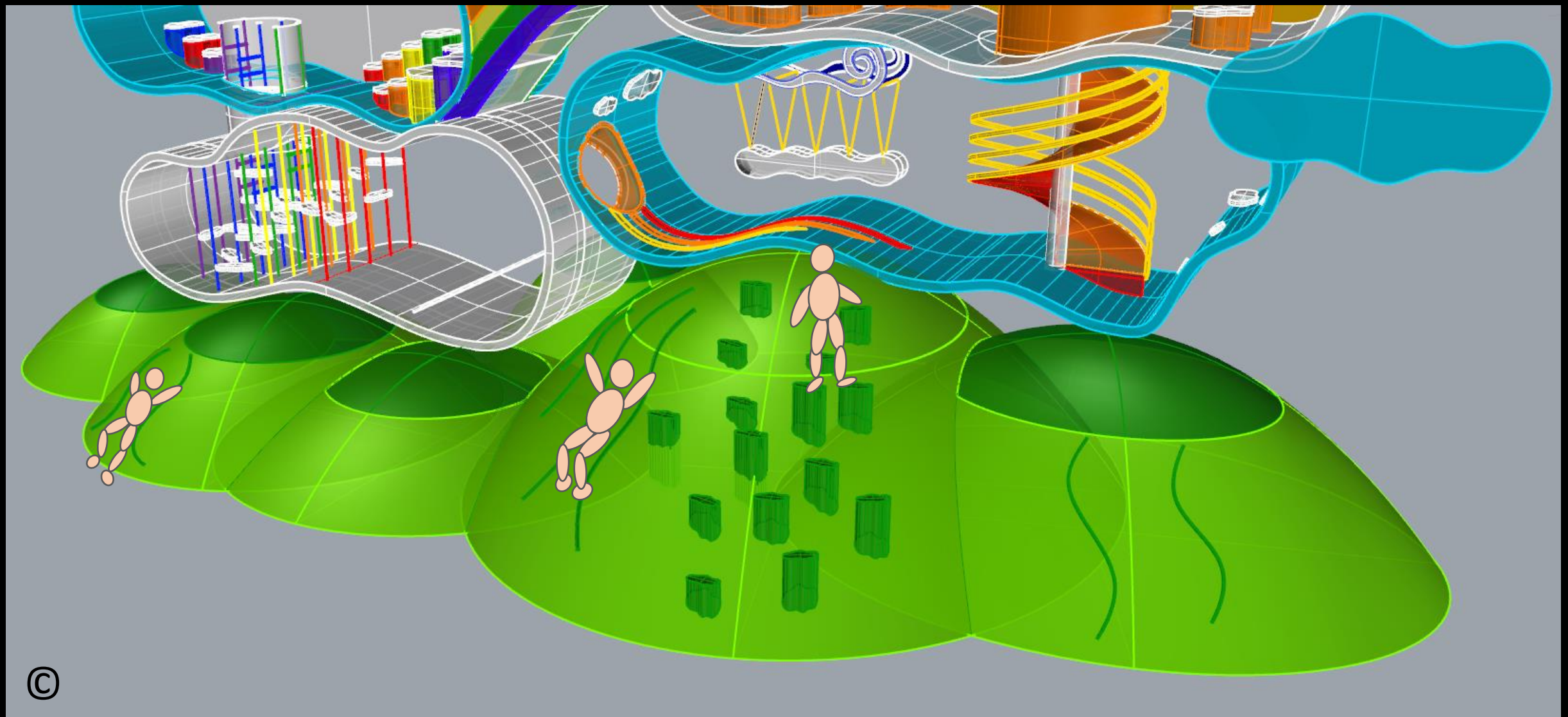
5. Play Zone No. 5 called “Clouds of Joy”



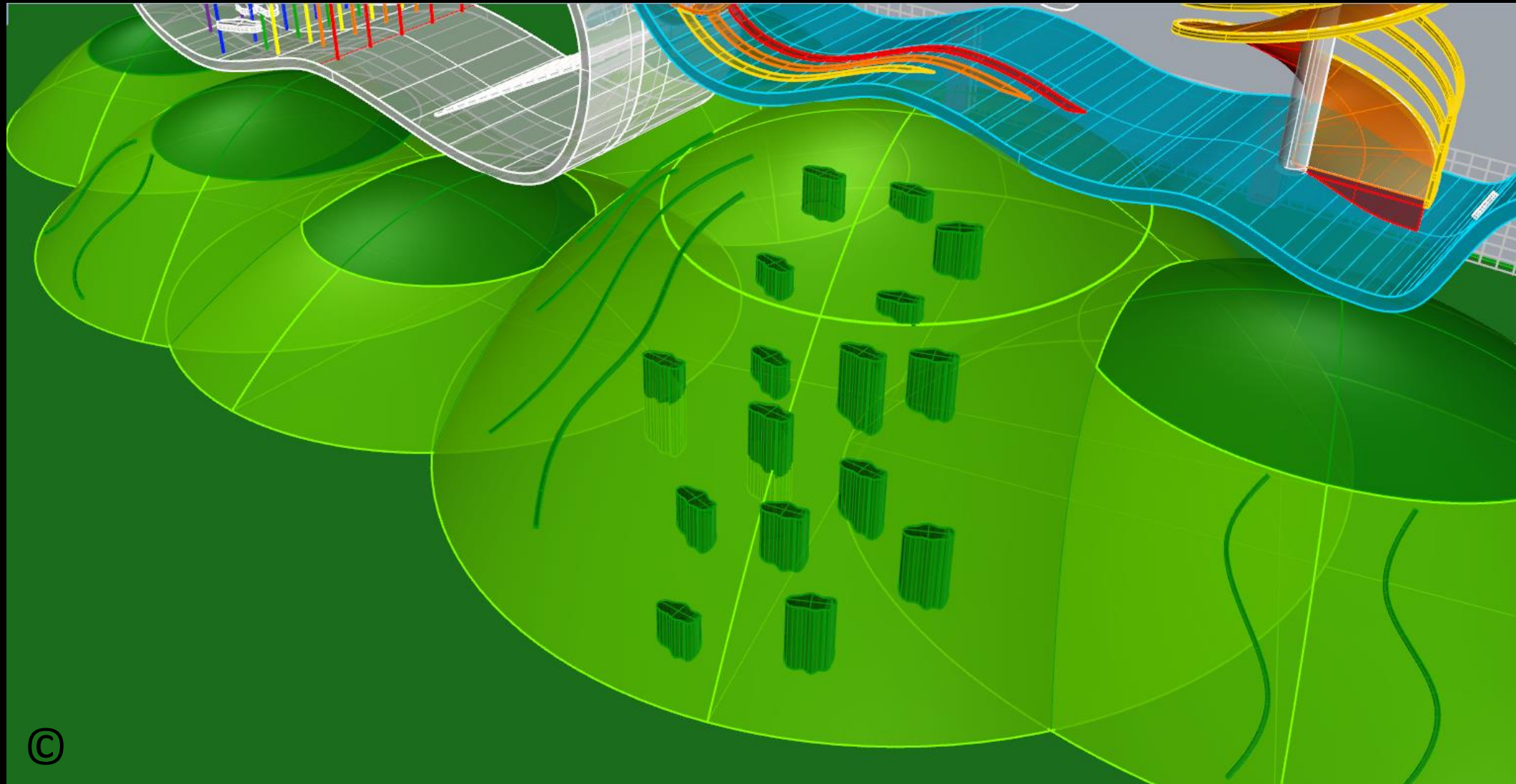
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Designer: Neda Batenipour

5. Play Zone No. 5 called “Clouds of Joy”



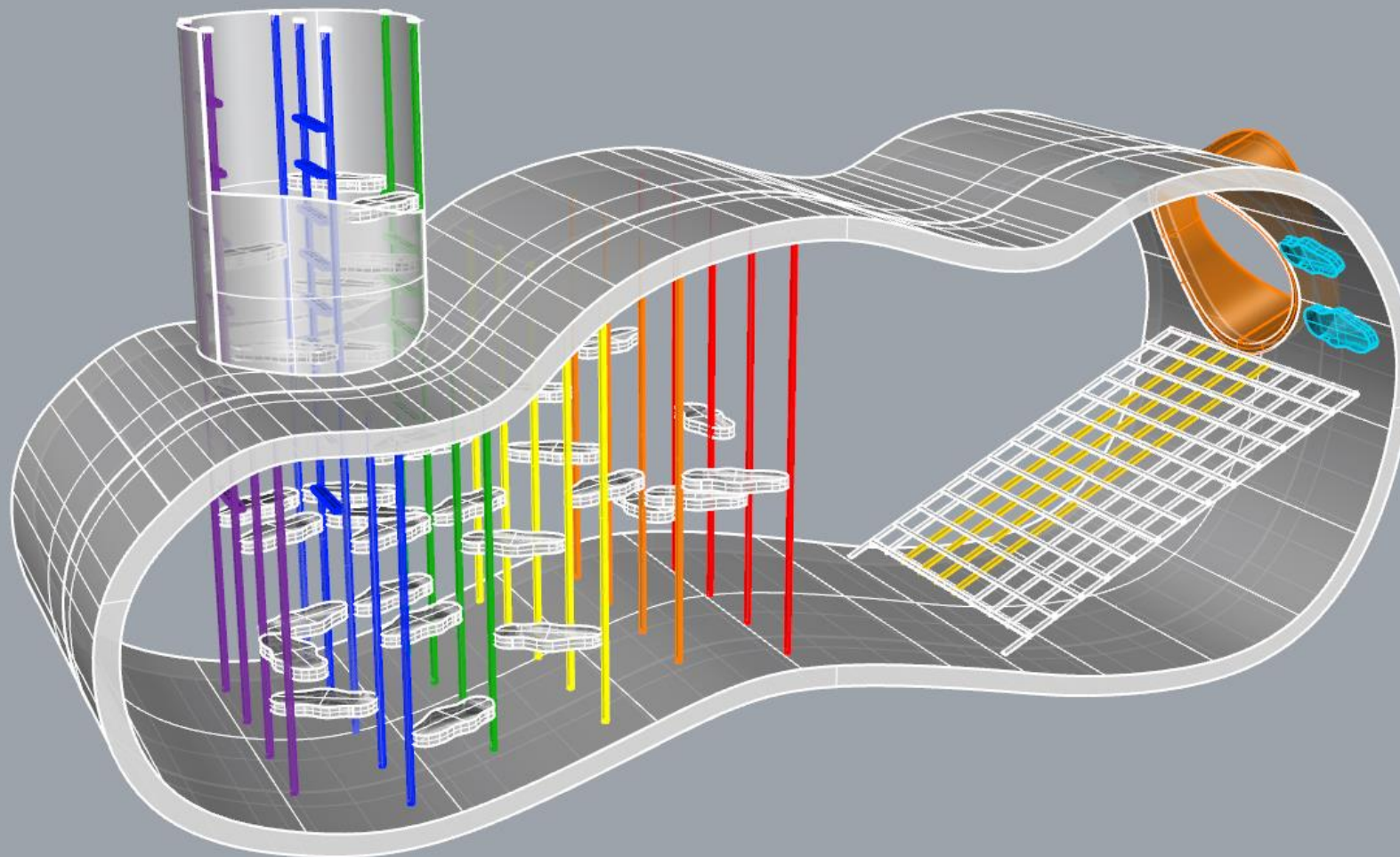
5. Play Zone No. 5 called “Clouds of Joy”



The bush-shaped surfaces and rope for climbing

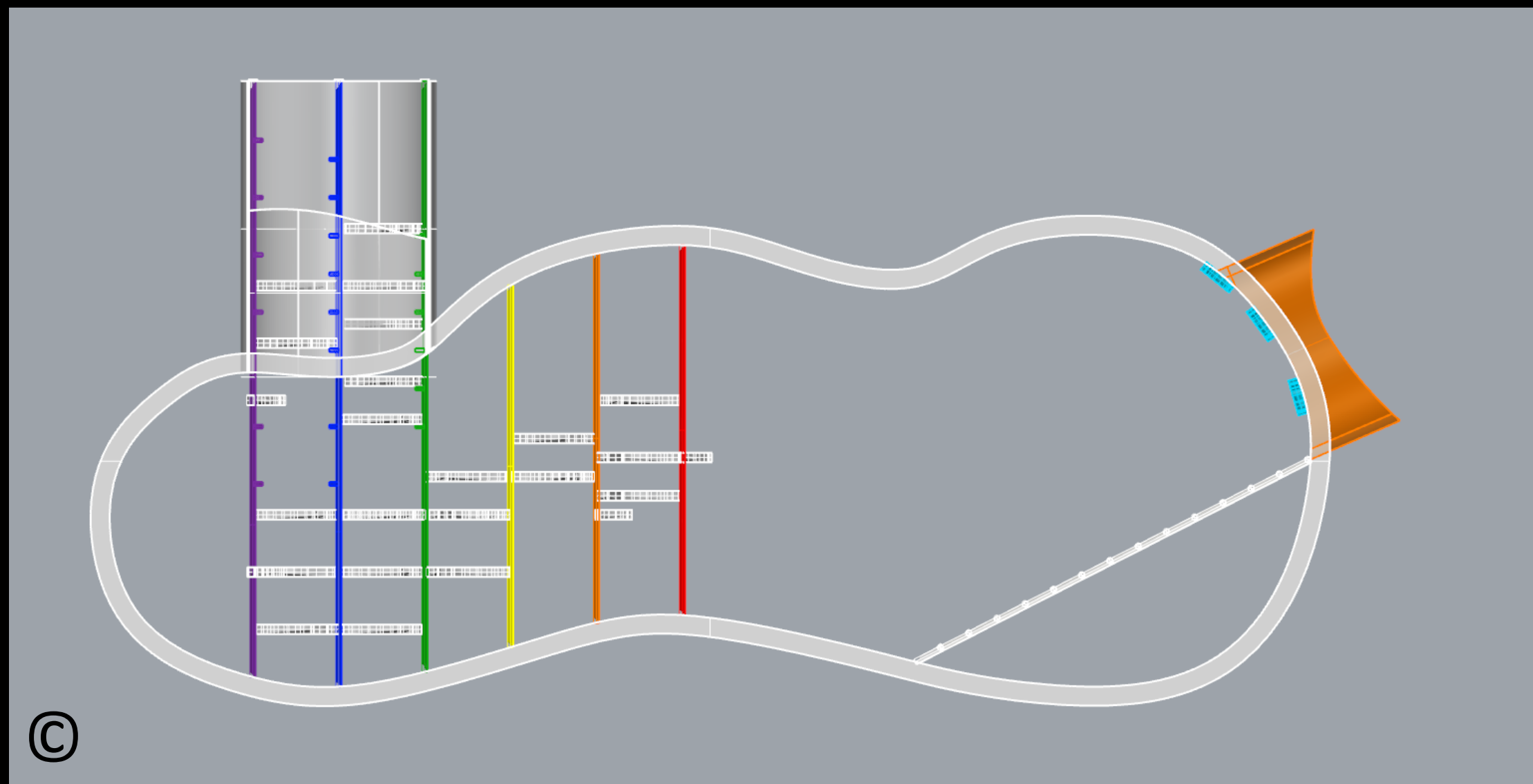
Designer: Neda Batenipour

**Views of
Cloud No. 1
On gray background**

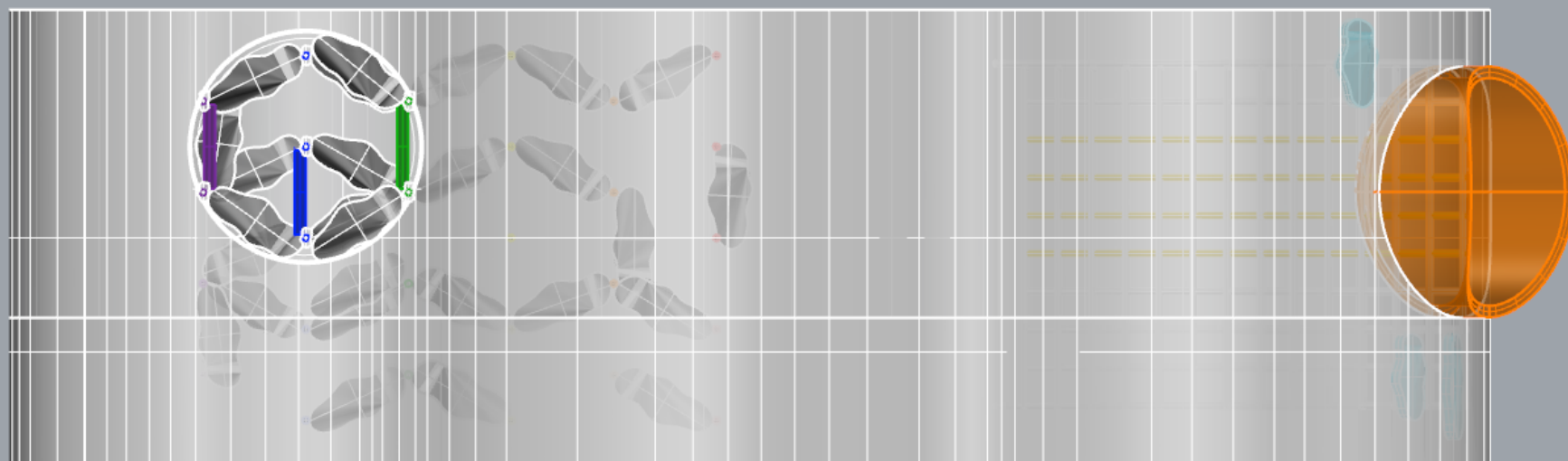


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Designer: Neda Batenipour

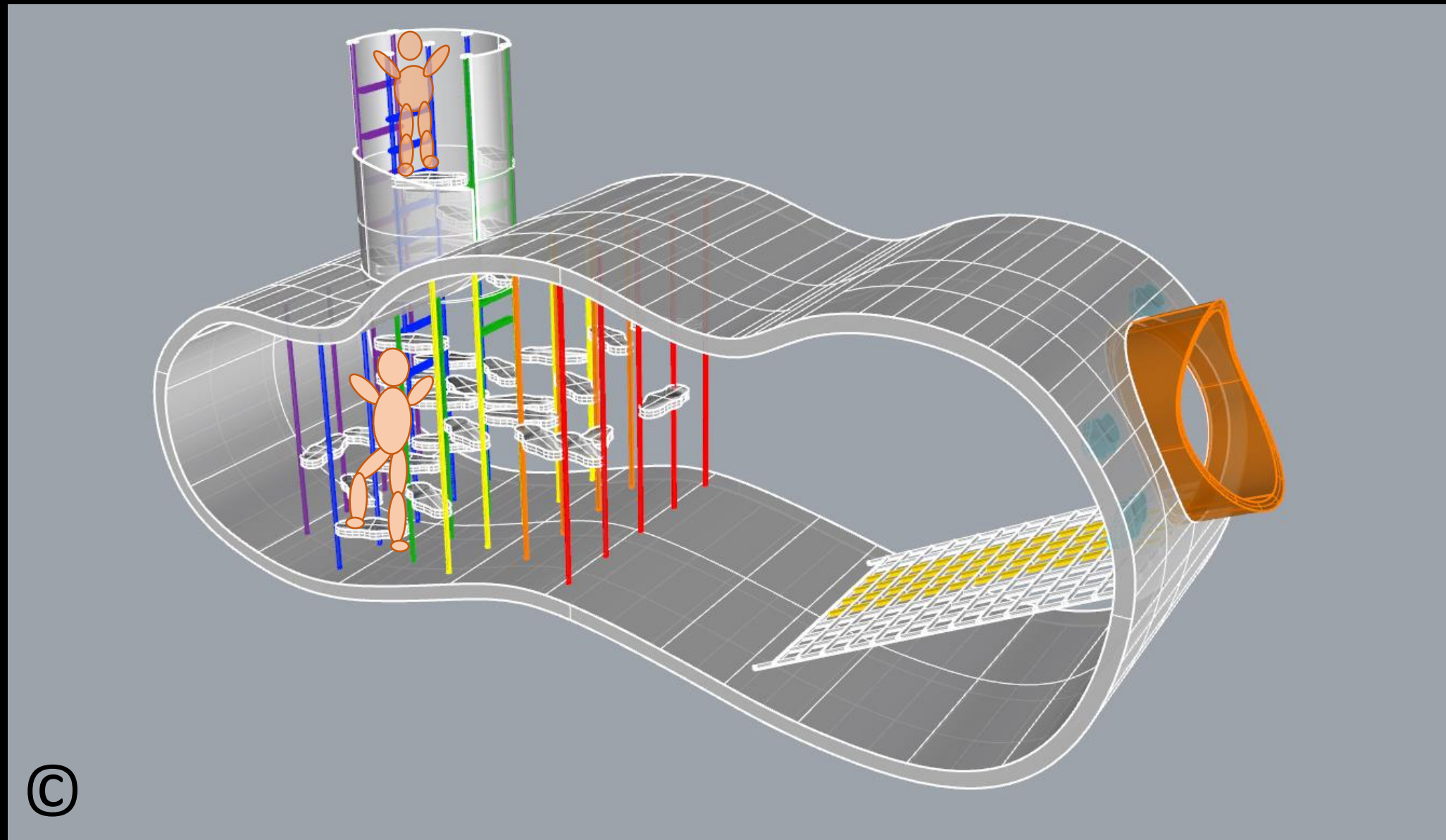


Designer: Neda Batenipour

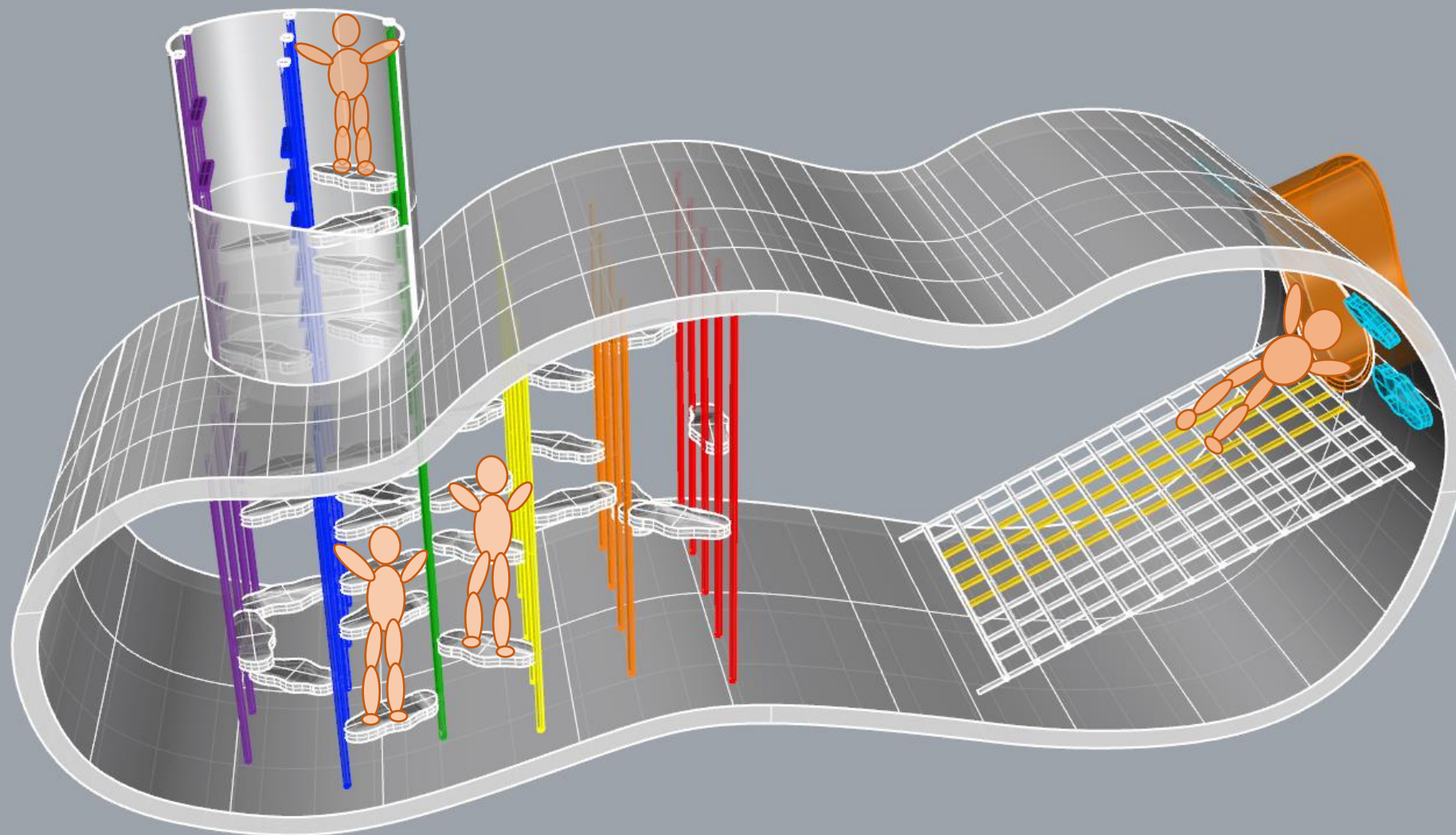


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Designer: Neda Batenipour

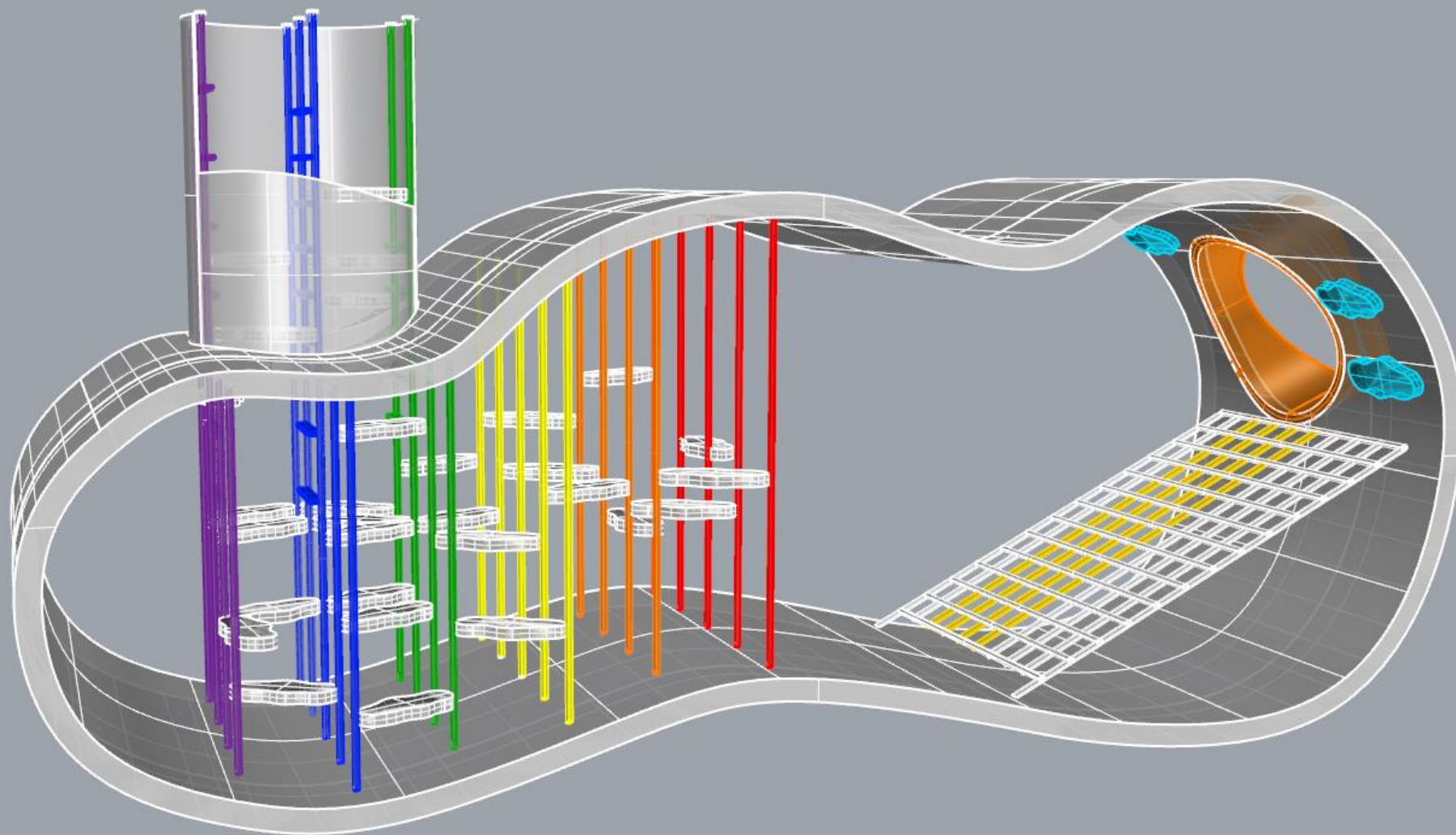


Designer: Neda Batenipour



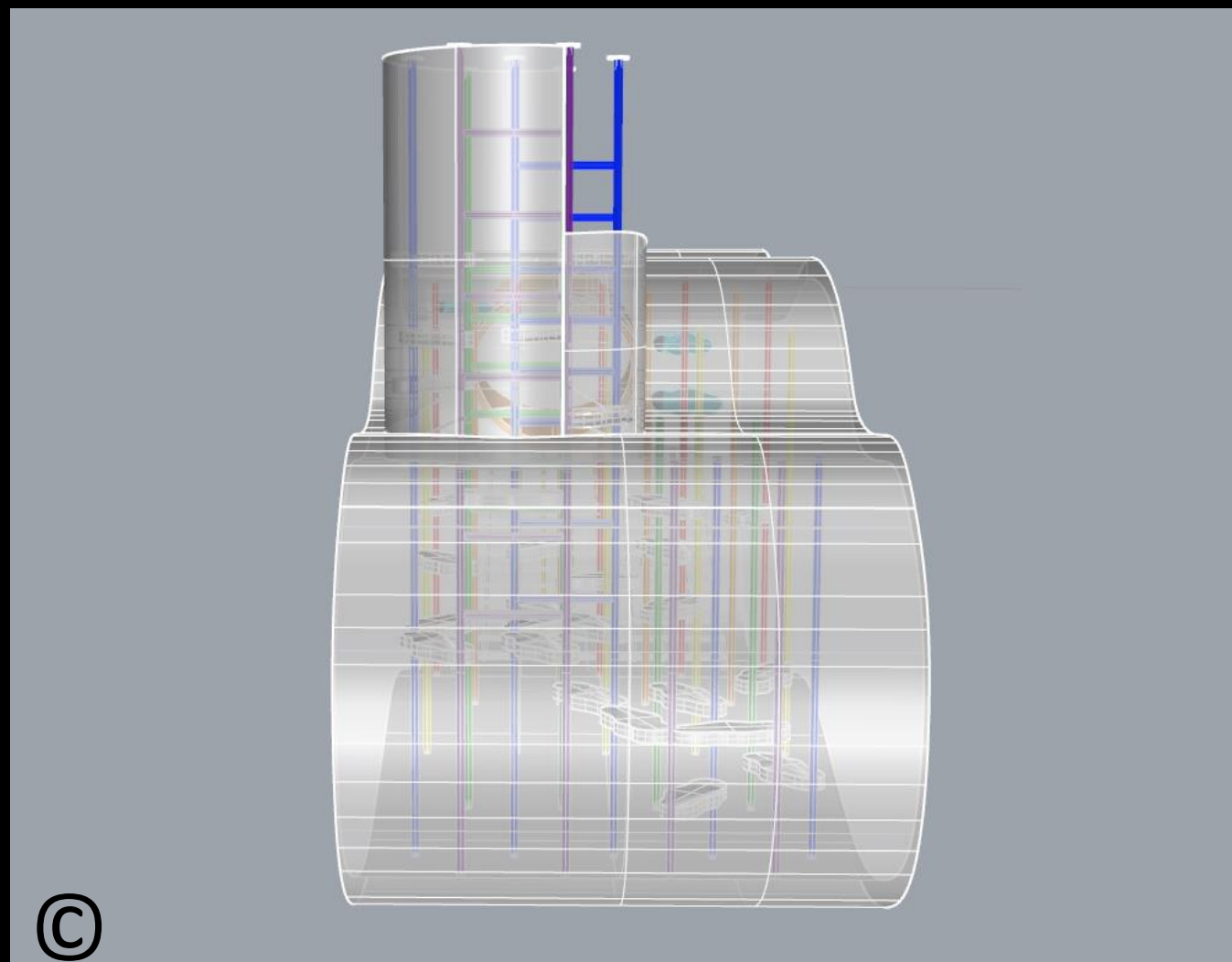
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Designer: Neda Batenipour

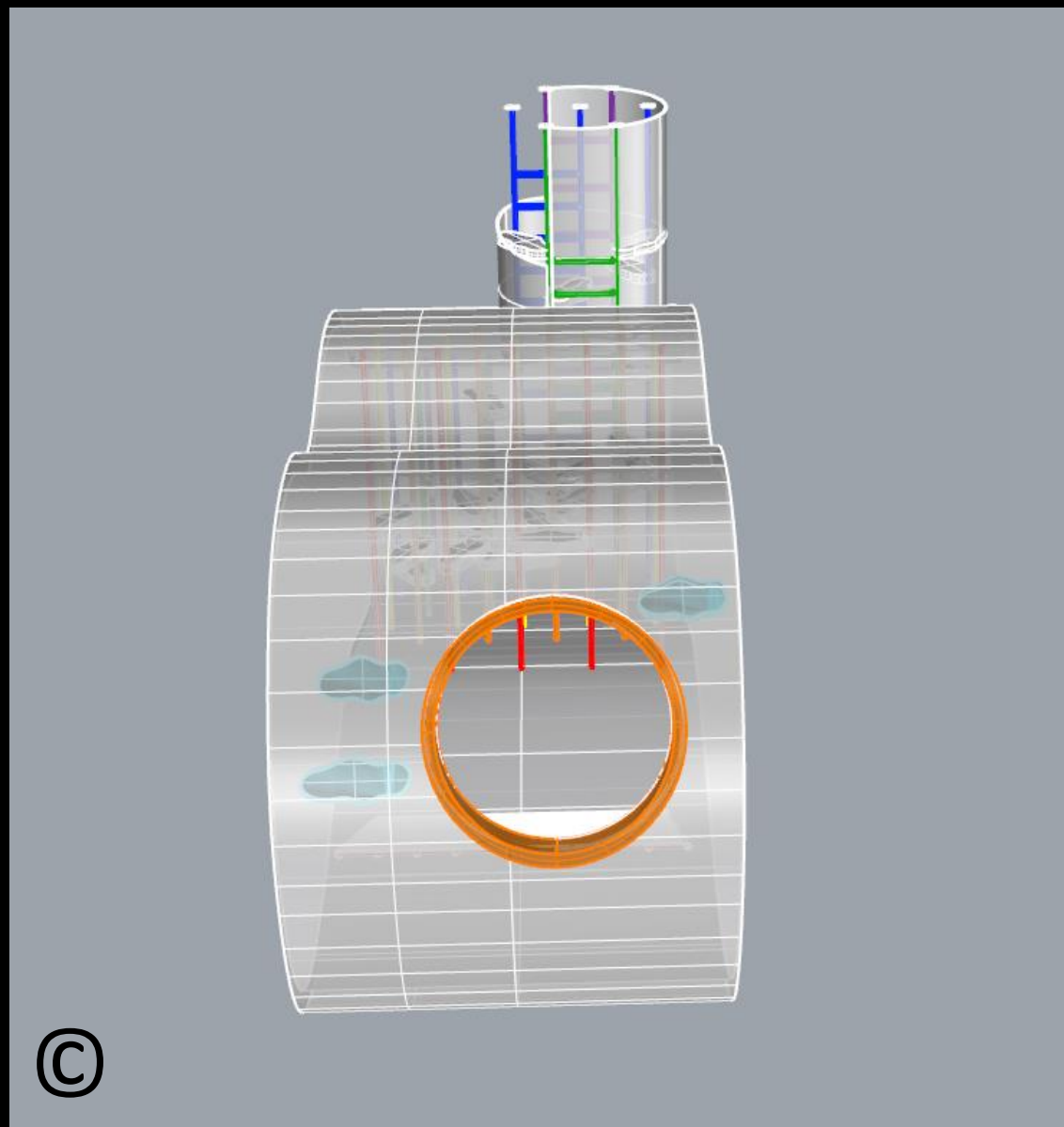


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Designer: Neda Batenipour

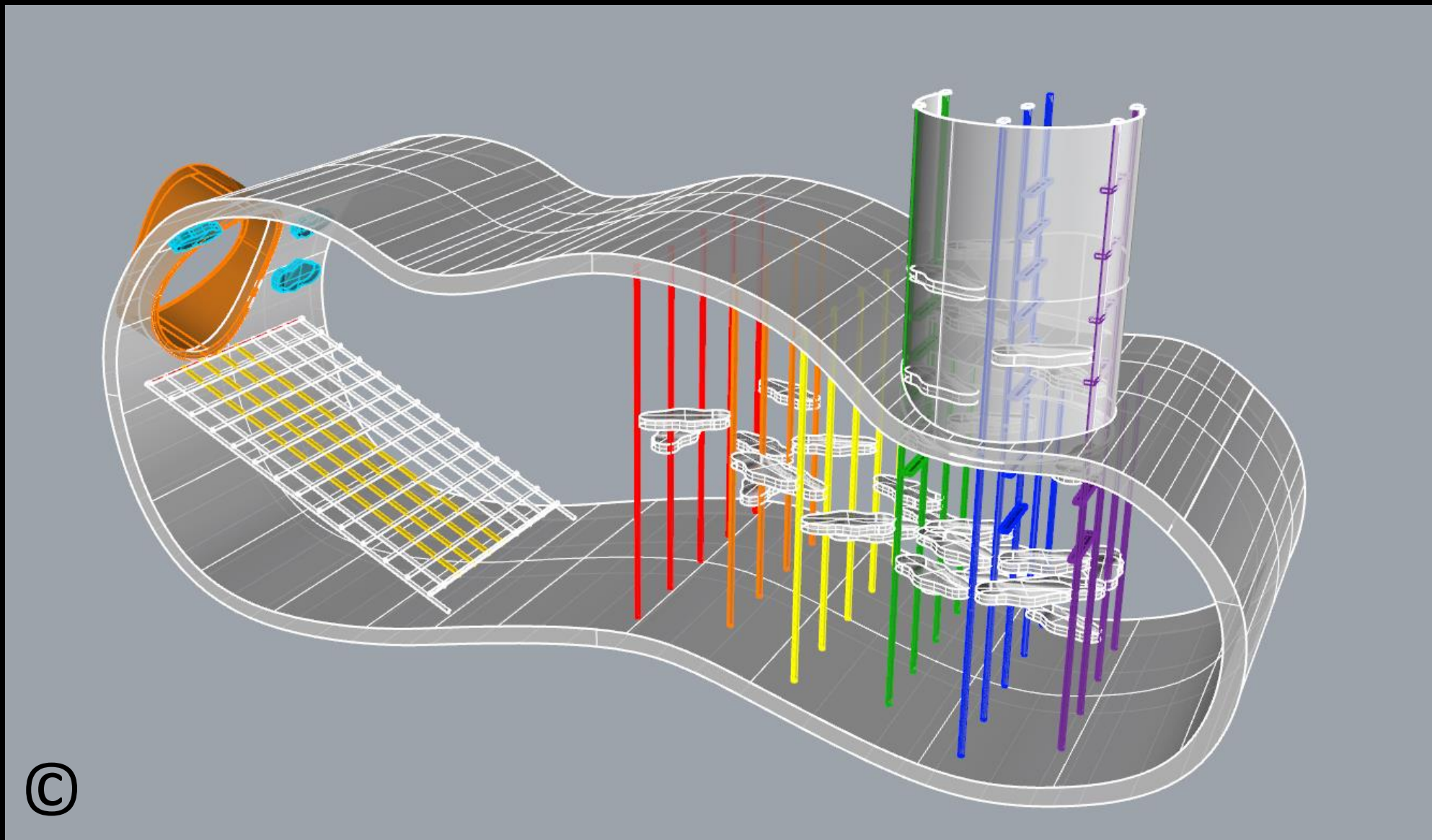


Designer: Neda Batenipour



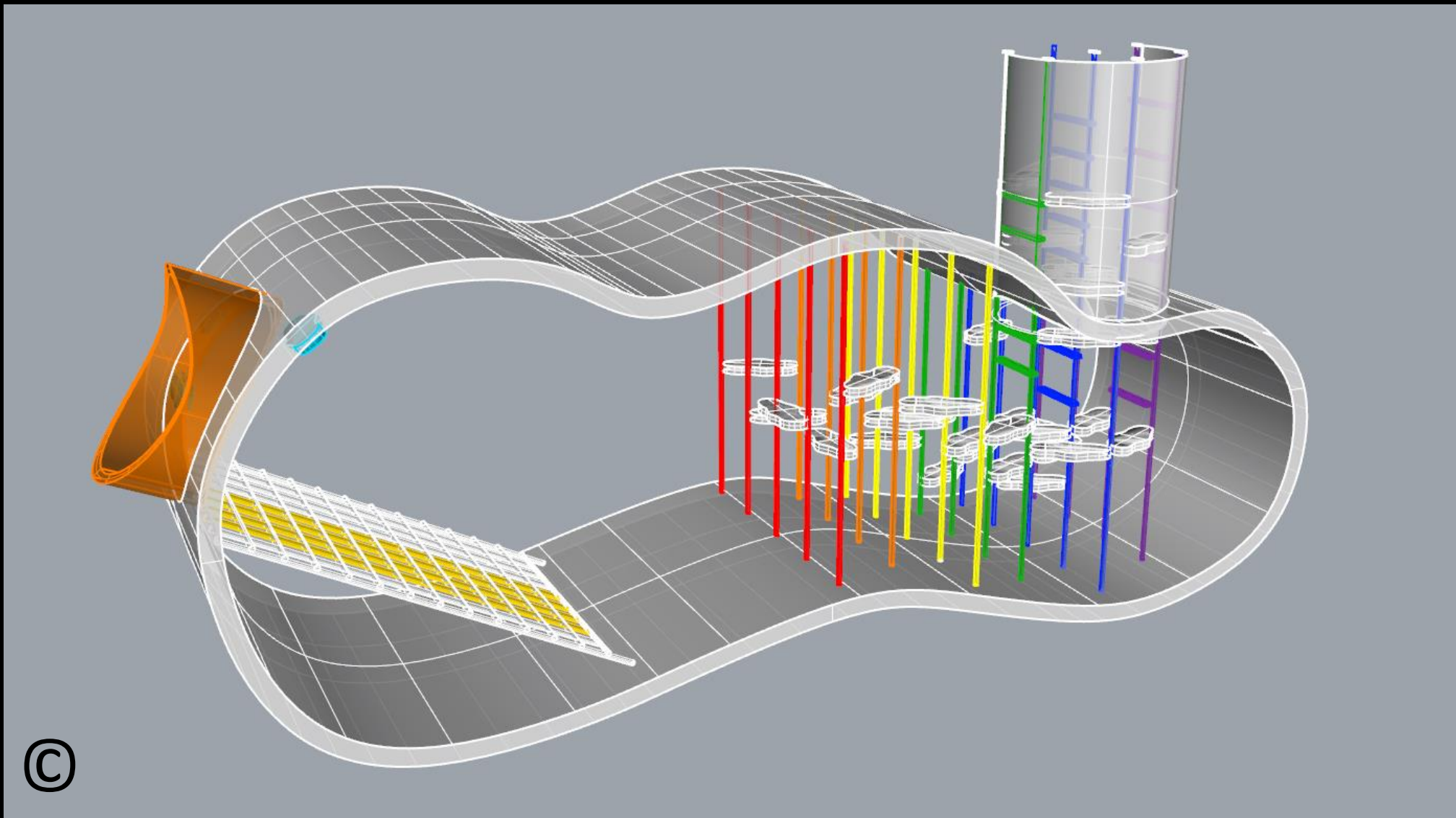
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Designer: Neda Batenipour



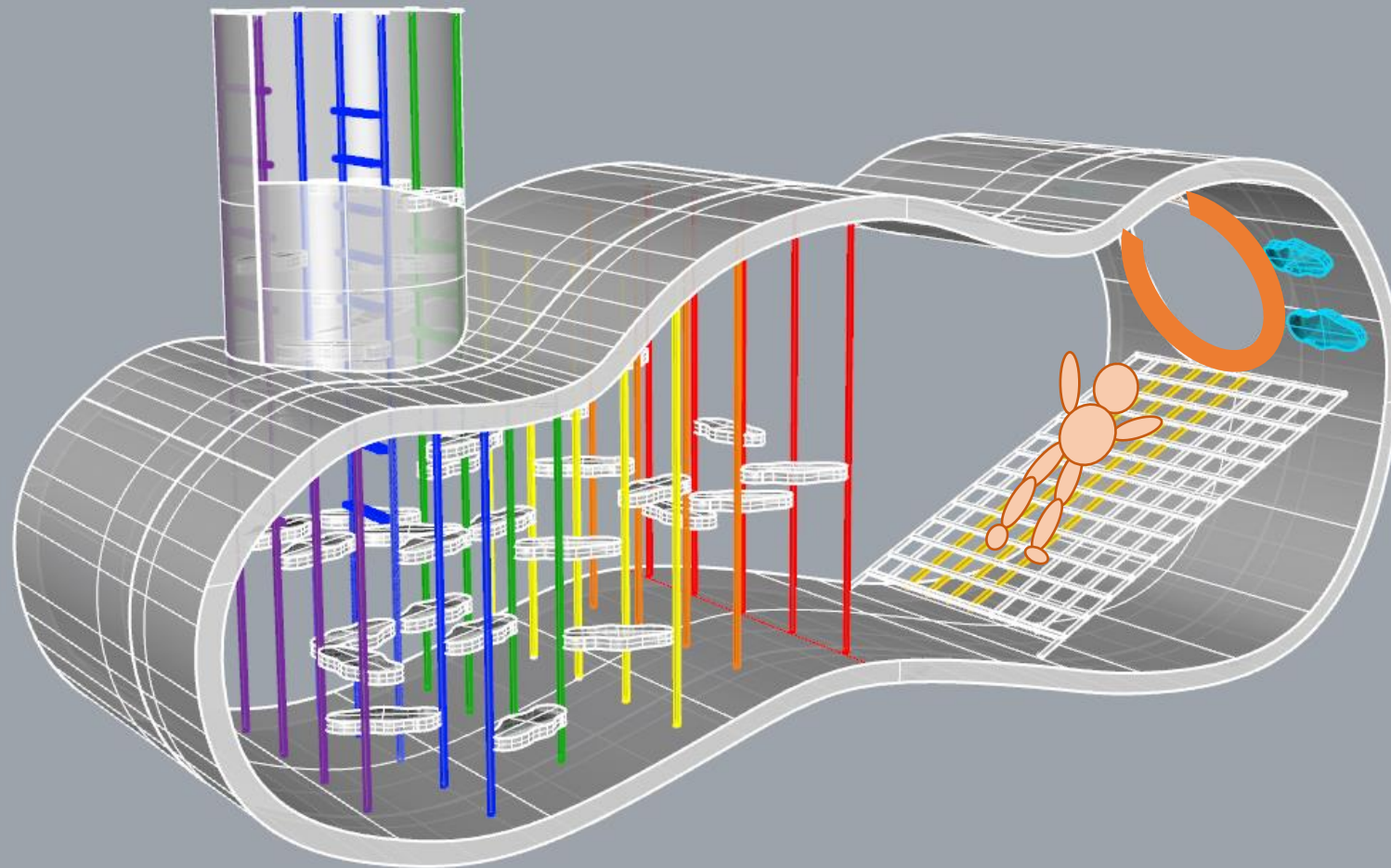
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Designer: Neda Batenipour



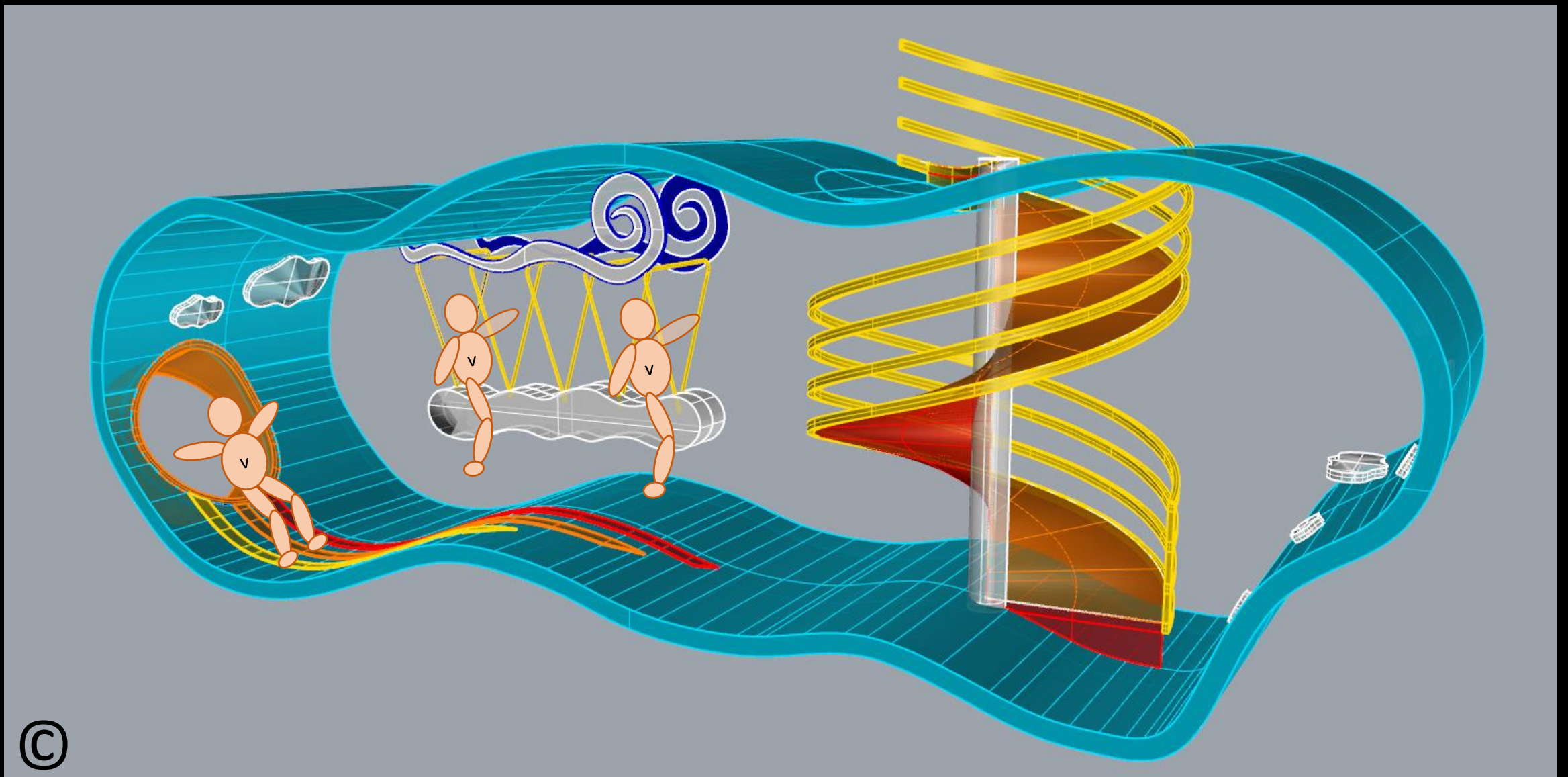
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Designer: Neda Batenipour

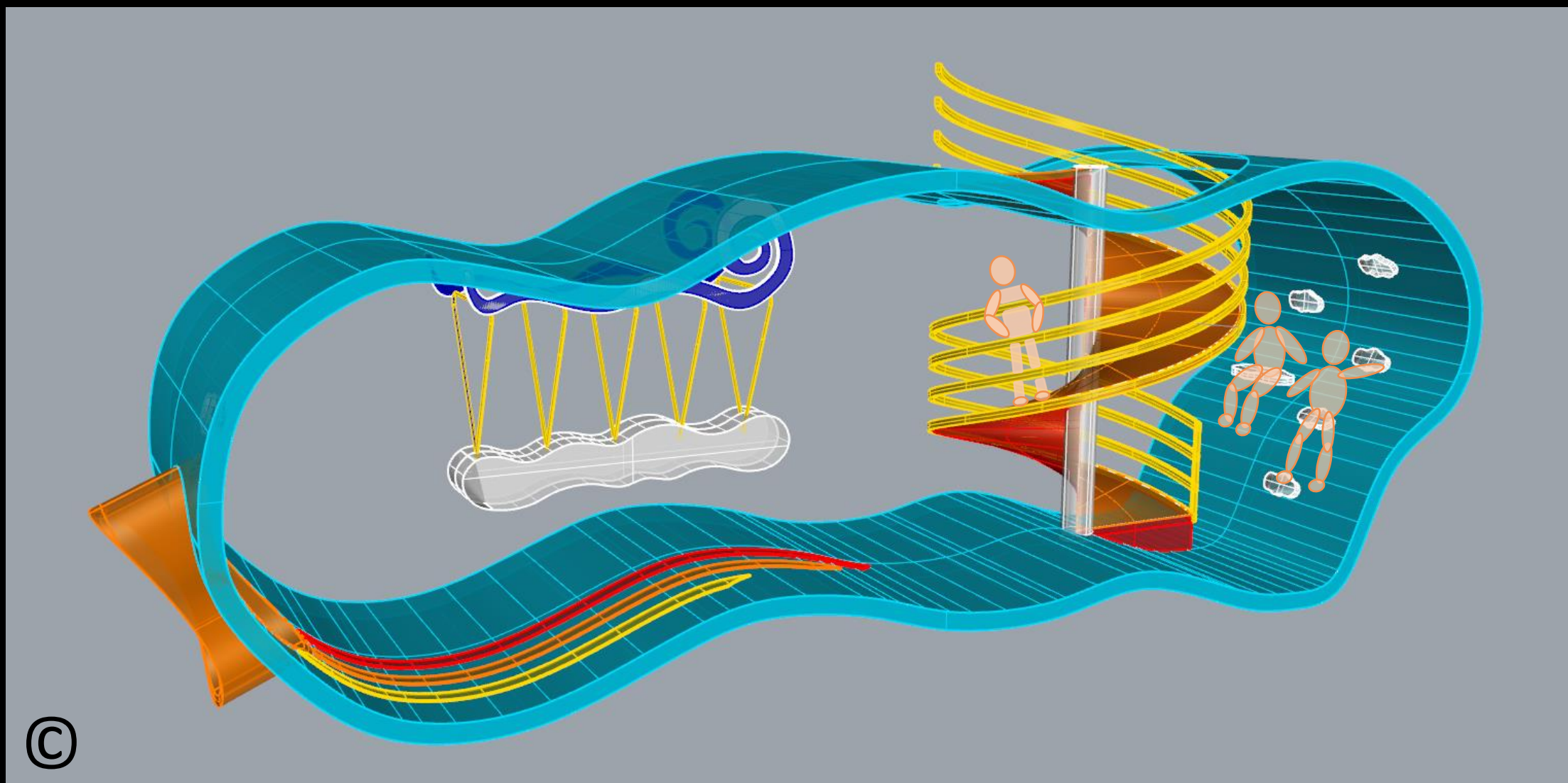


Designer: Neda Batenipour

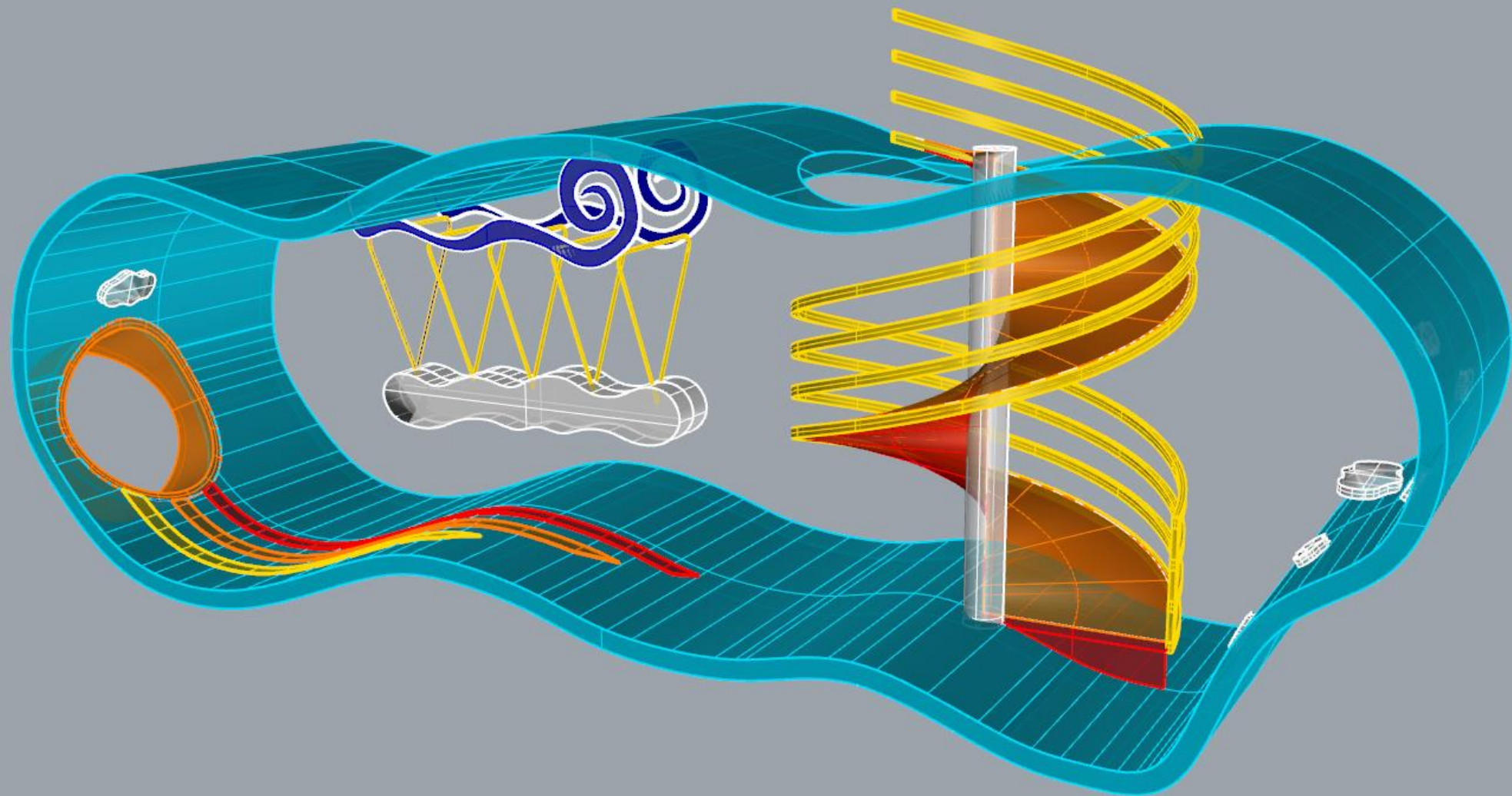
**Views of
Cloud No. 2
On gray background**



Designer: Neda Batenipour

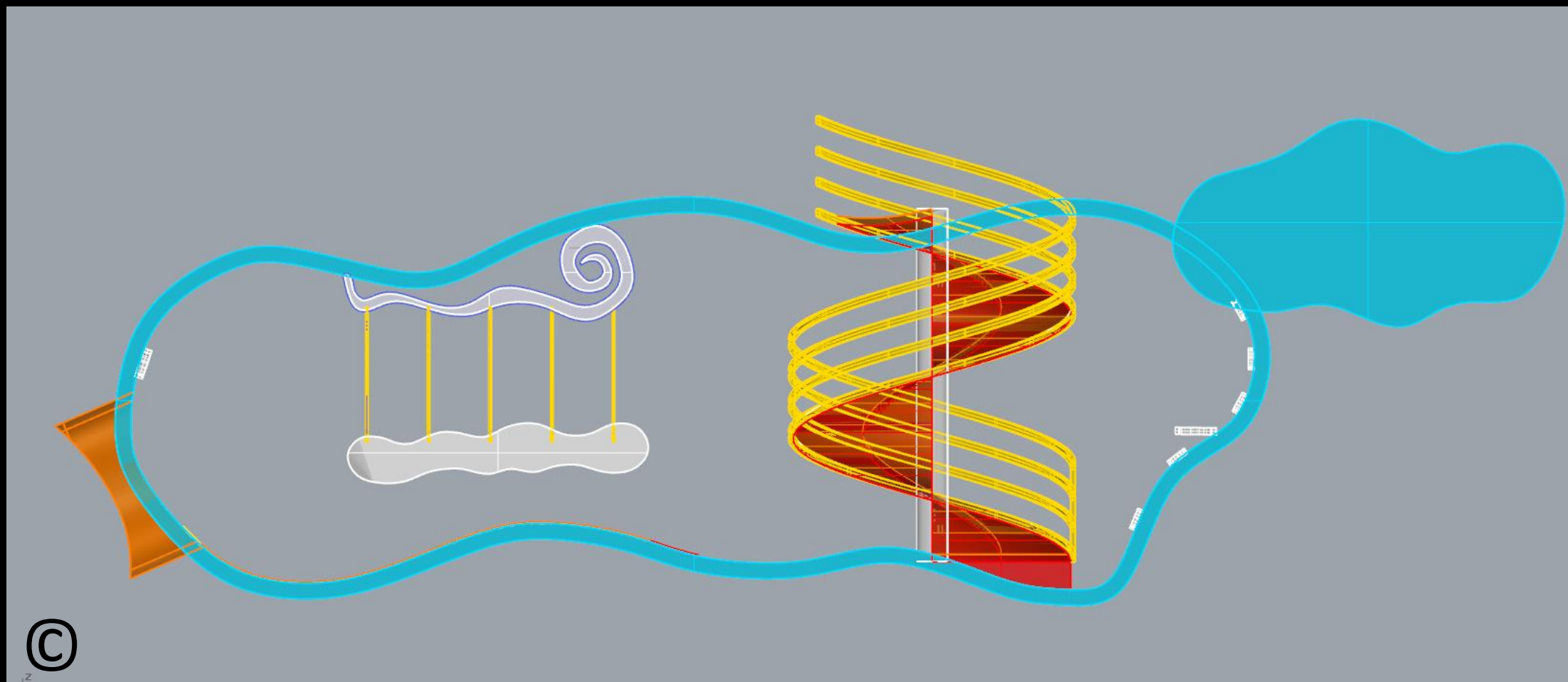


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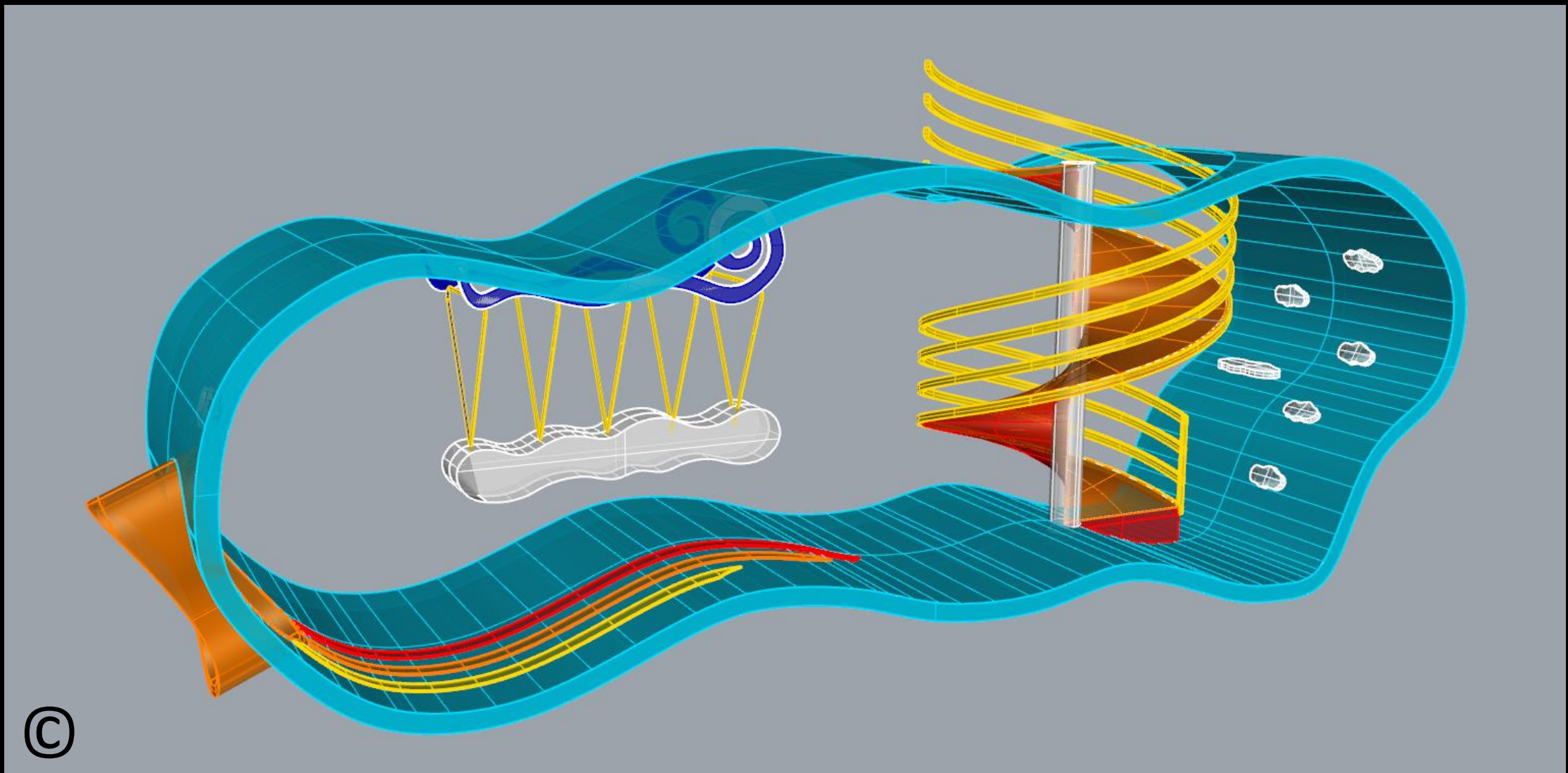


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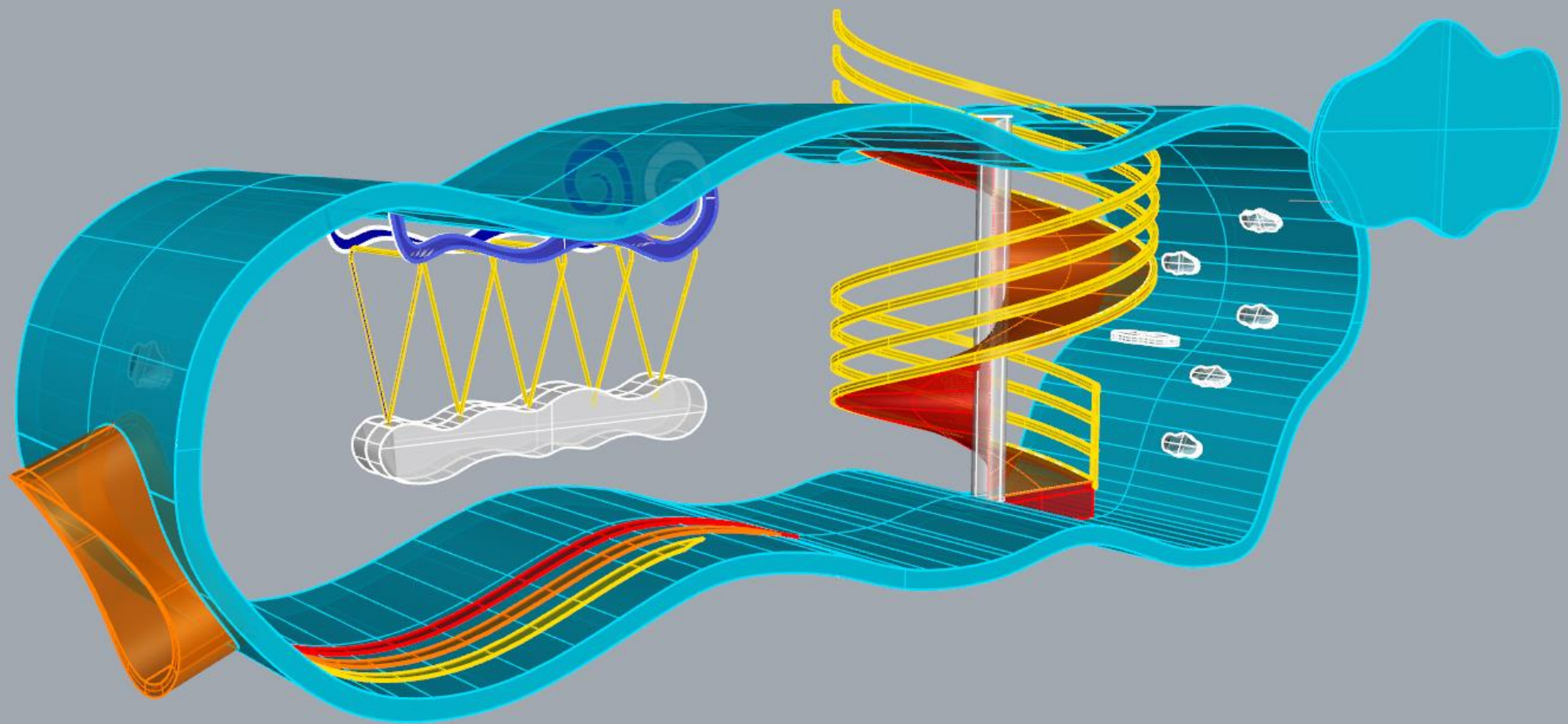
Designer: Neda Batenipour



Designer: Neda Batenipour



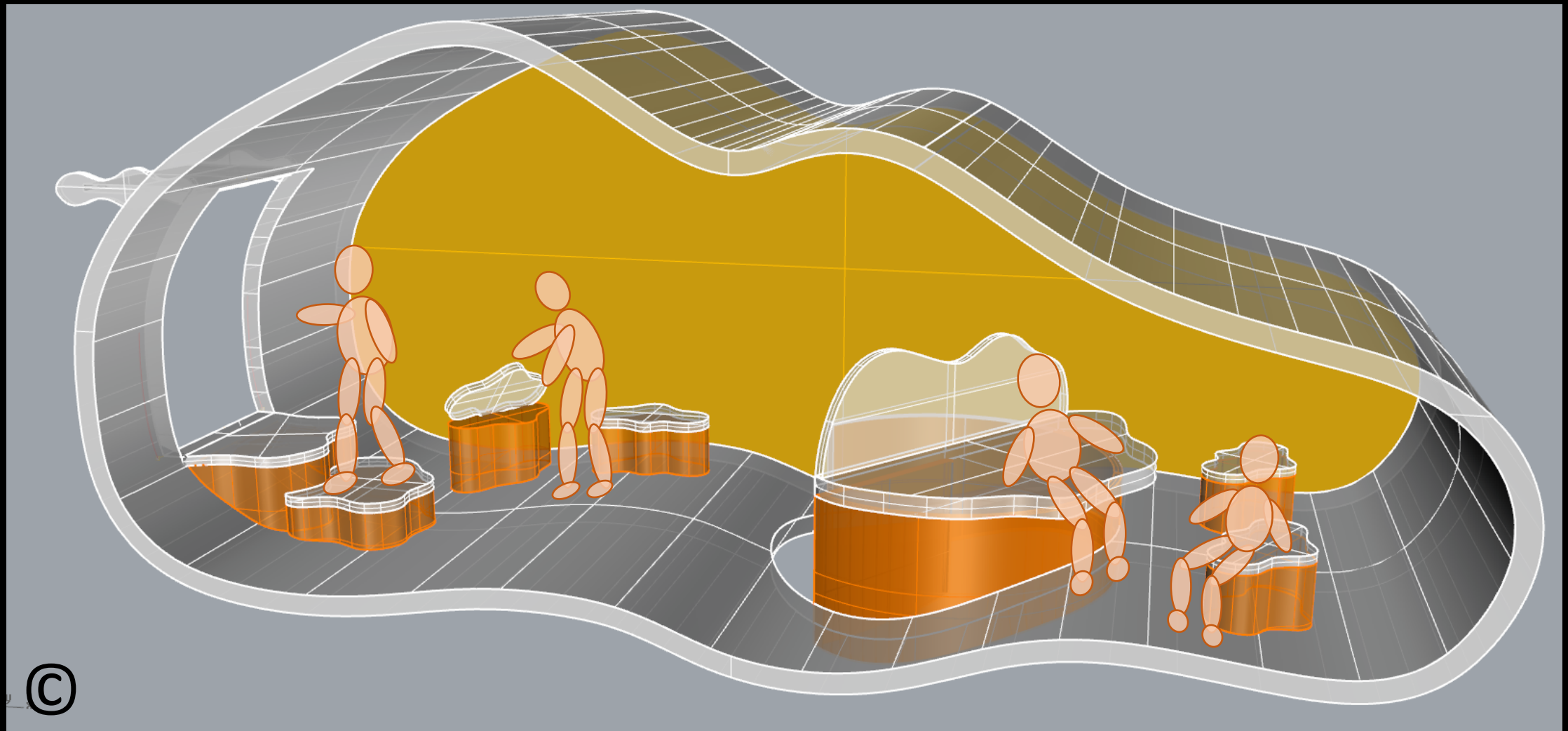
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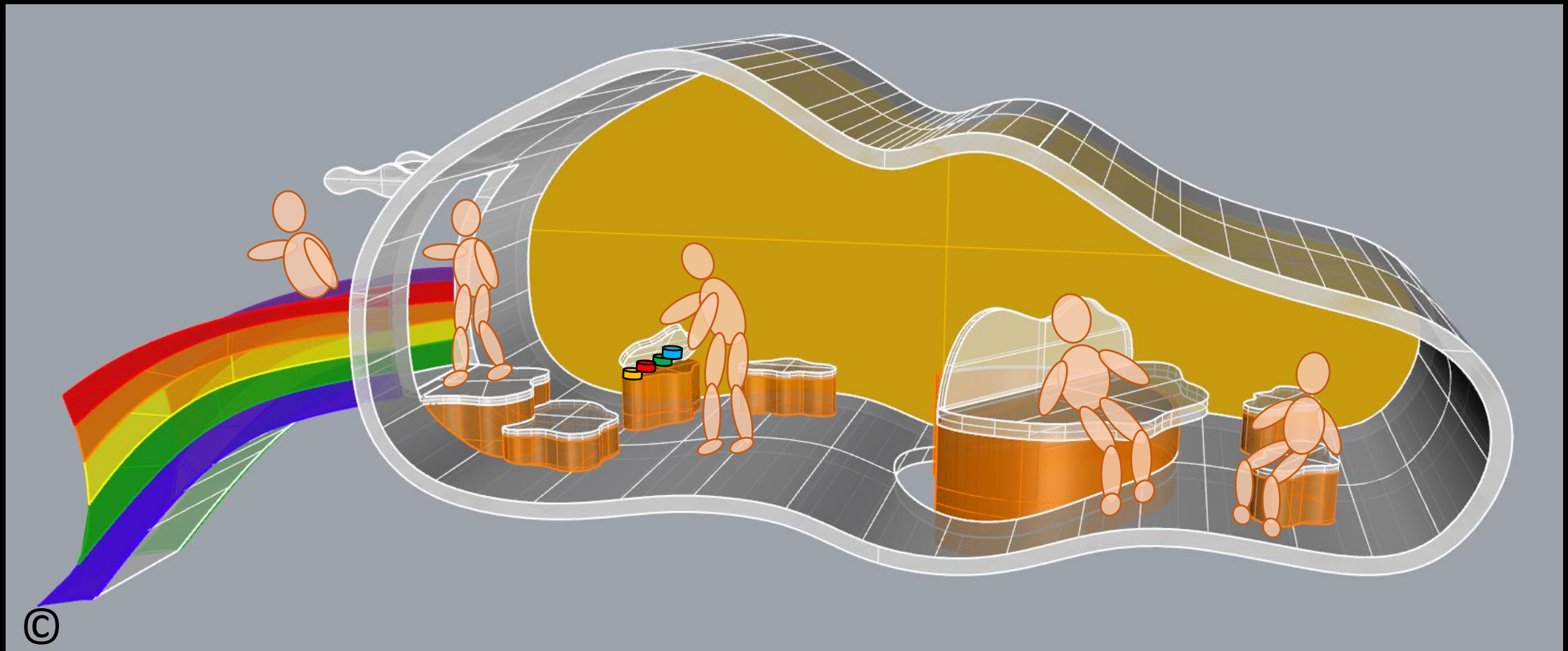
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Designer: Neda Batenipour

**Views of
Cloud No. 1
On gray background**

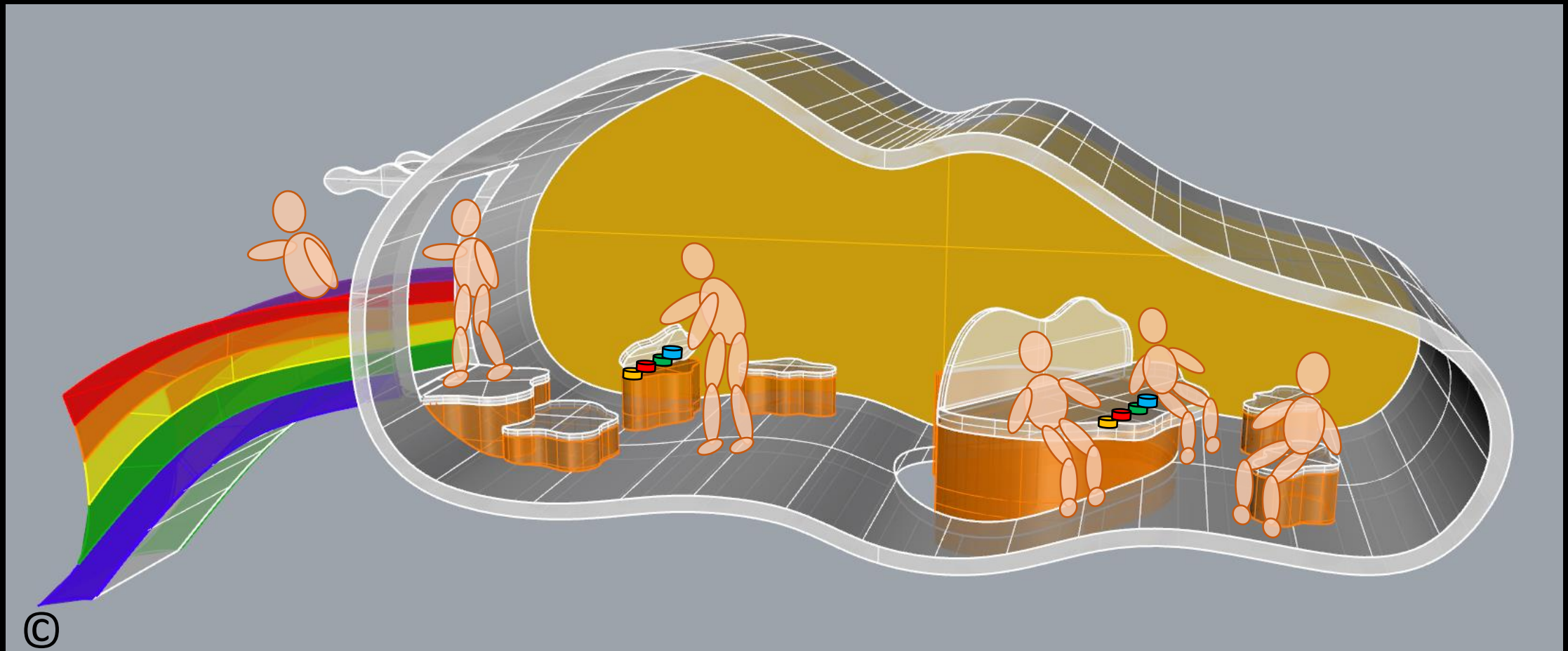


Designer: Neda Batenipour

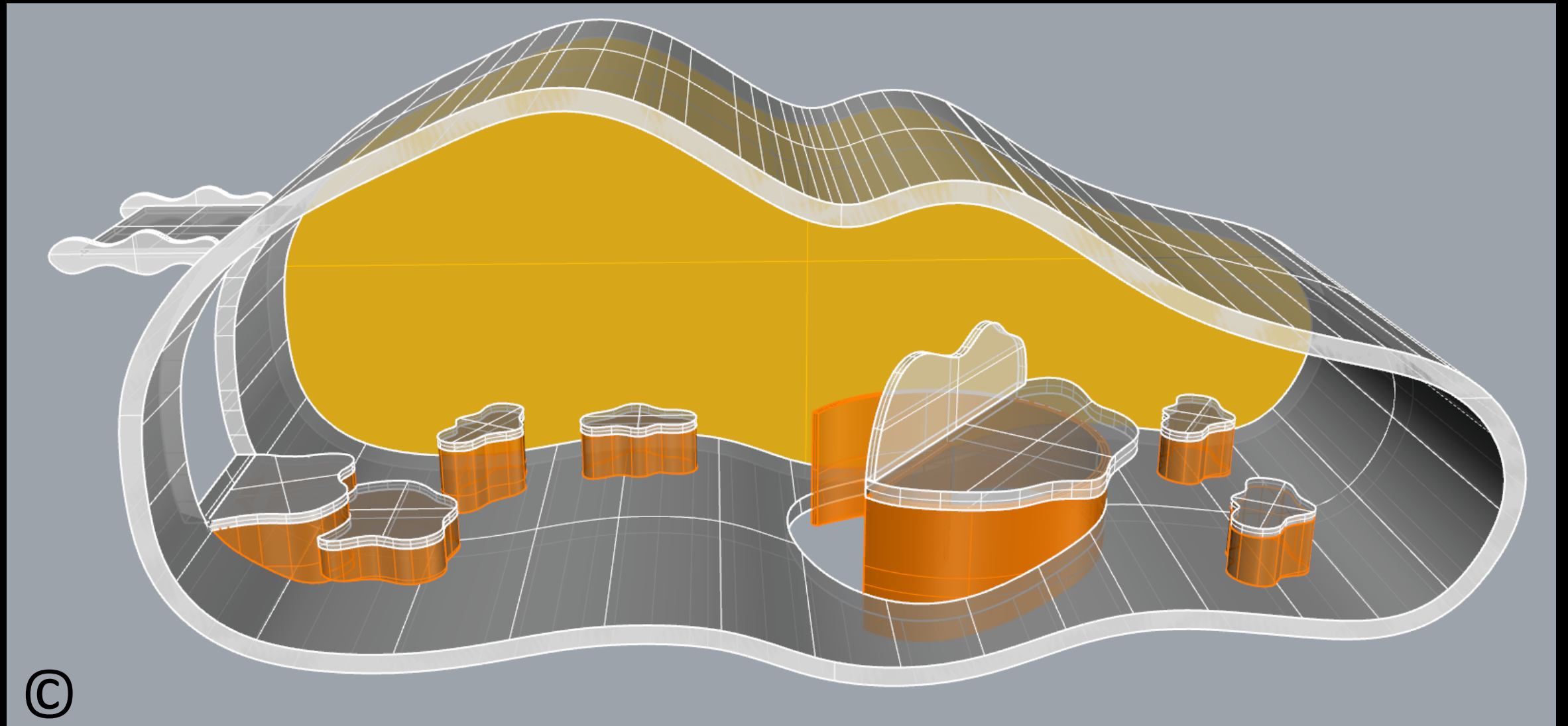


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Designer: Neda Batenipour

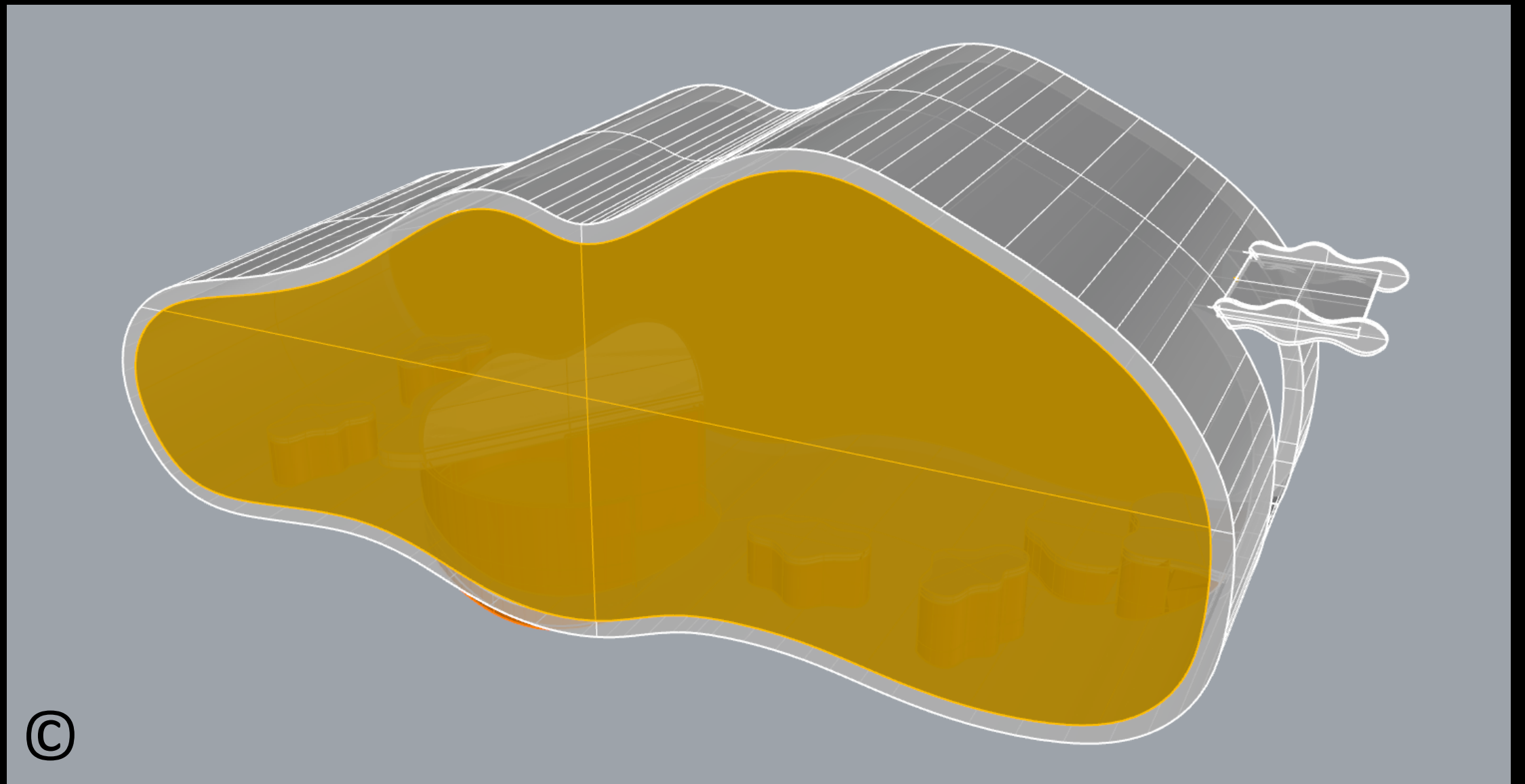


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Designer: Neda Batenipour



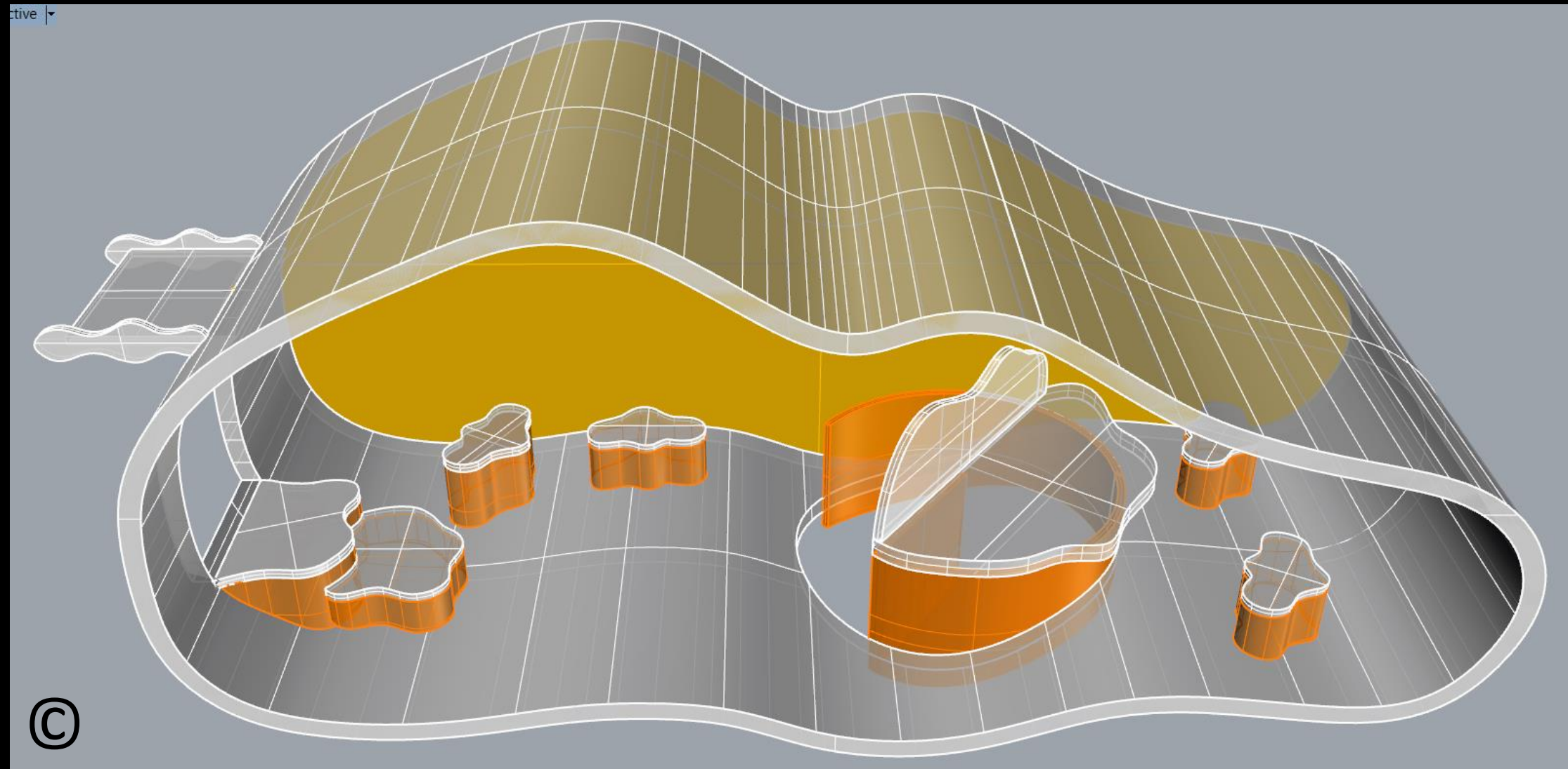
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Designer: Neda Batenipour

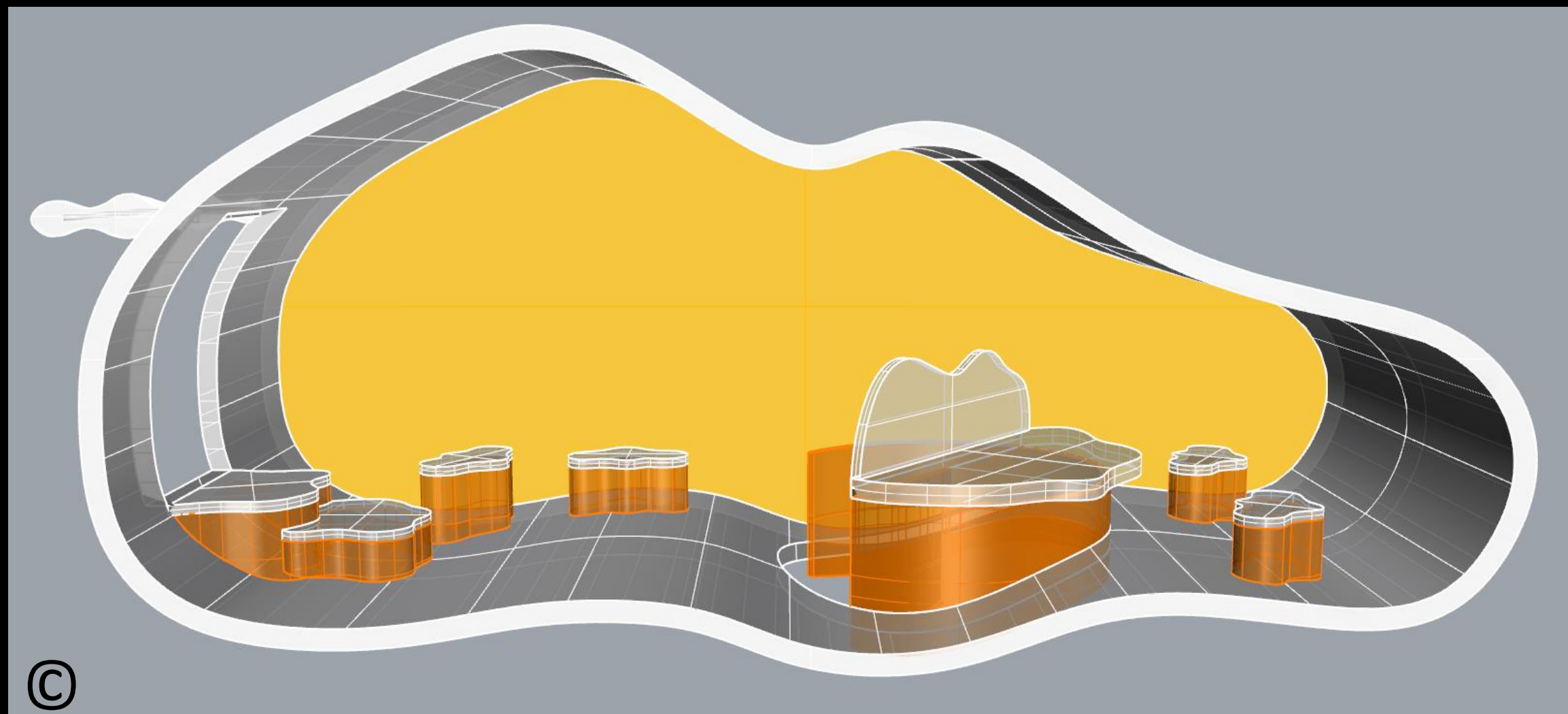


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Designer: Neda Batenipour

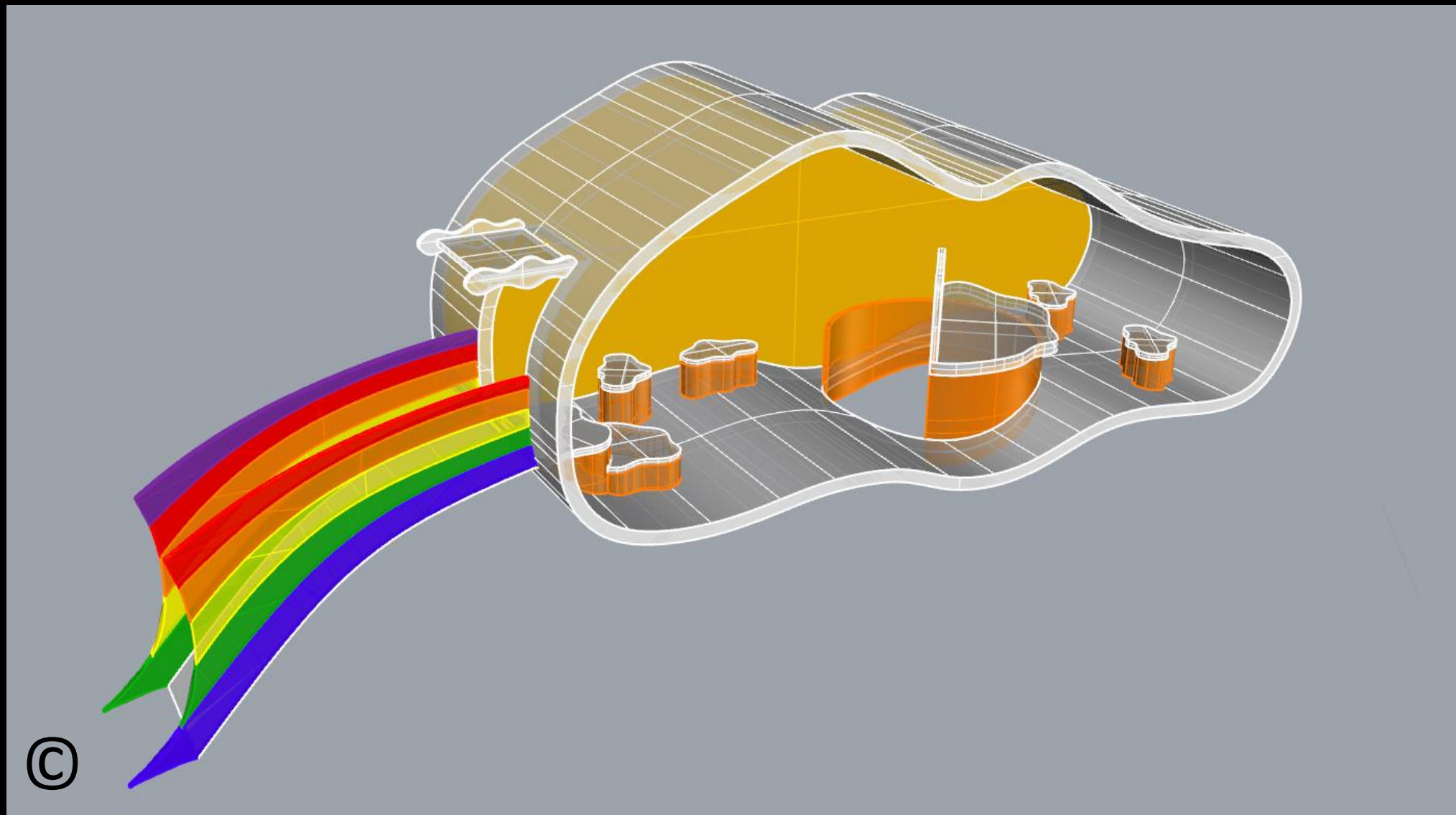


Designer: Neda Batenipour



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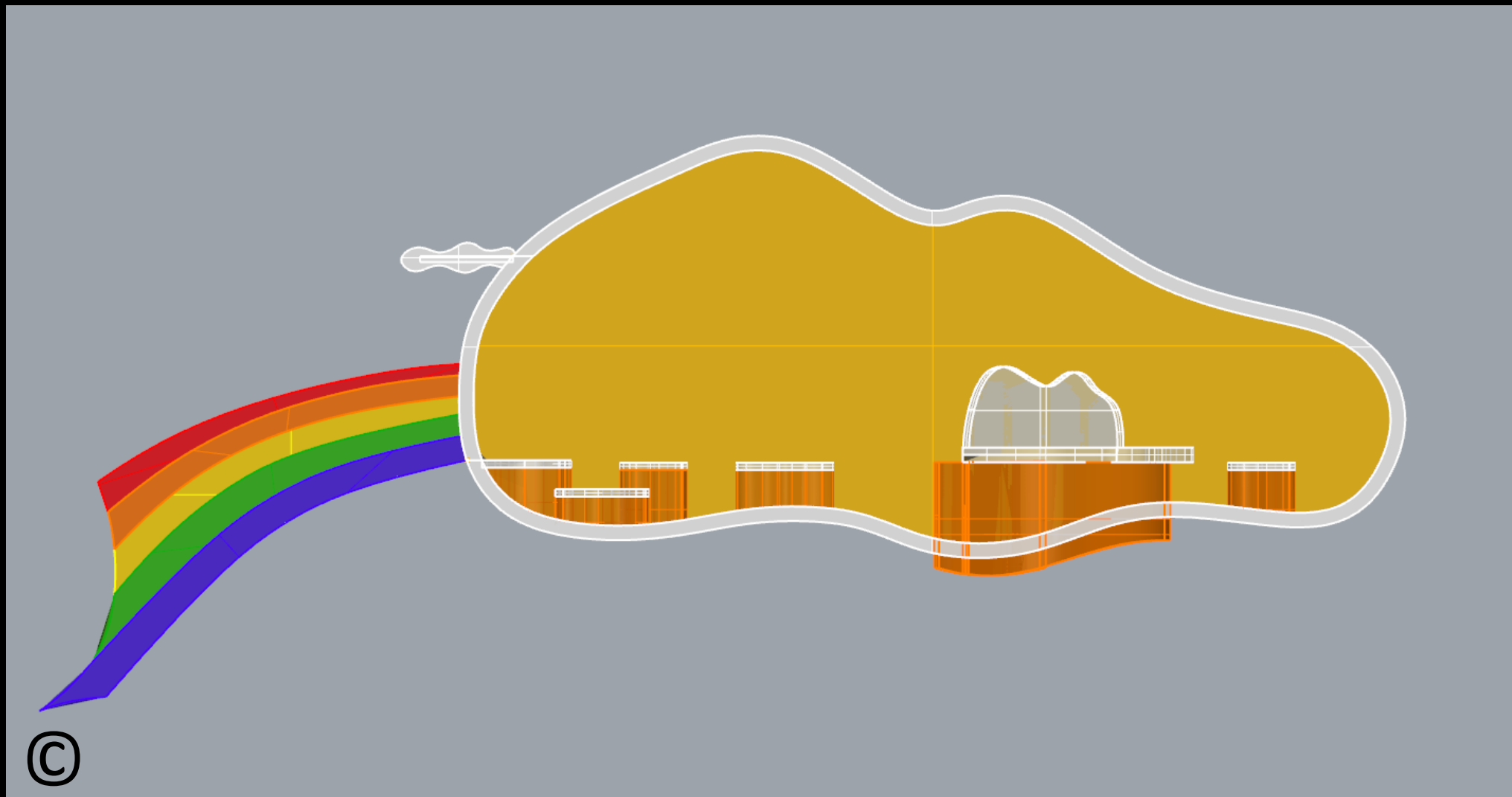
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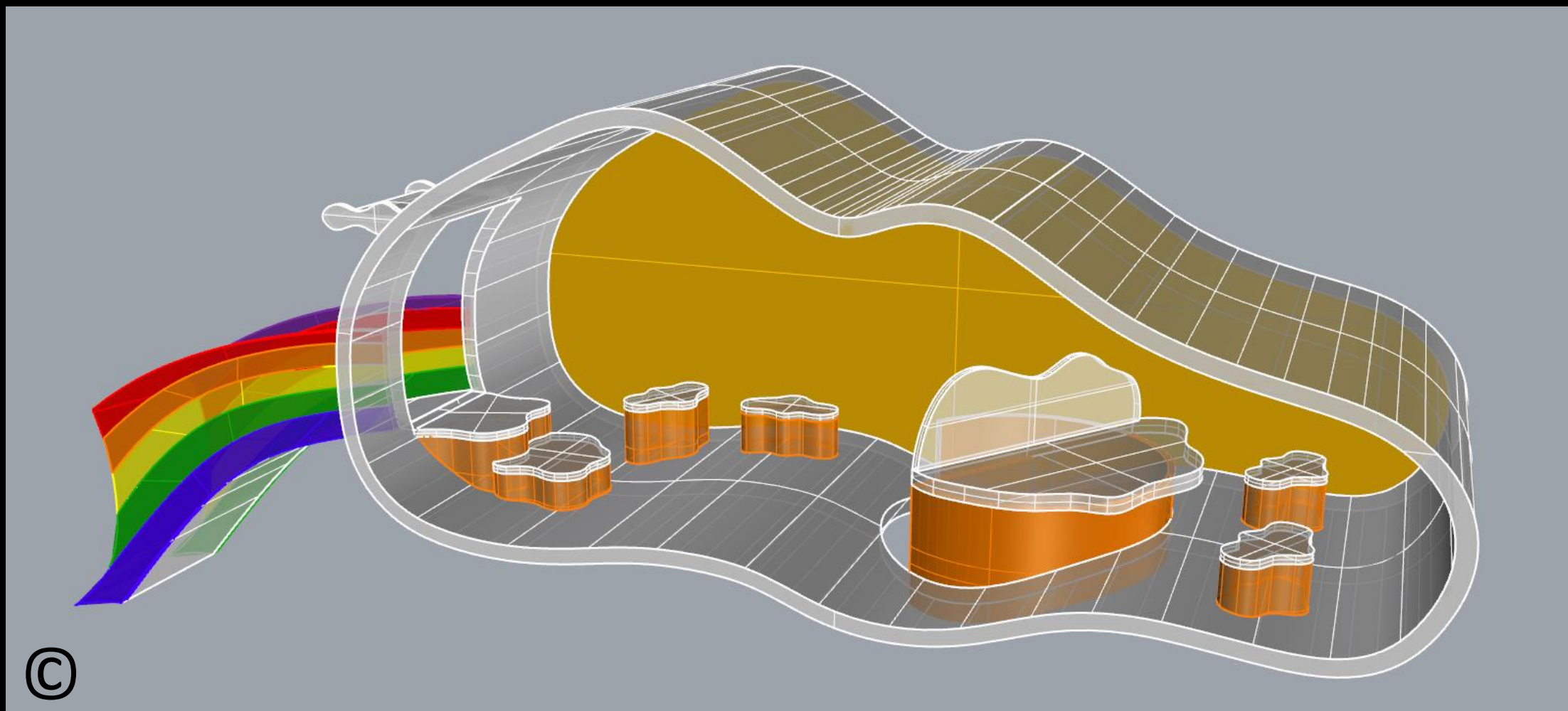
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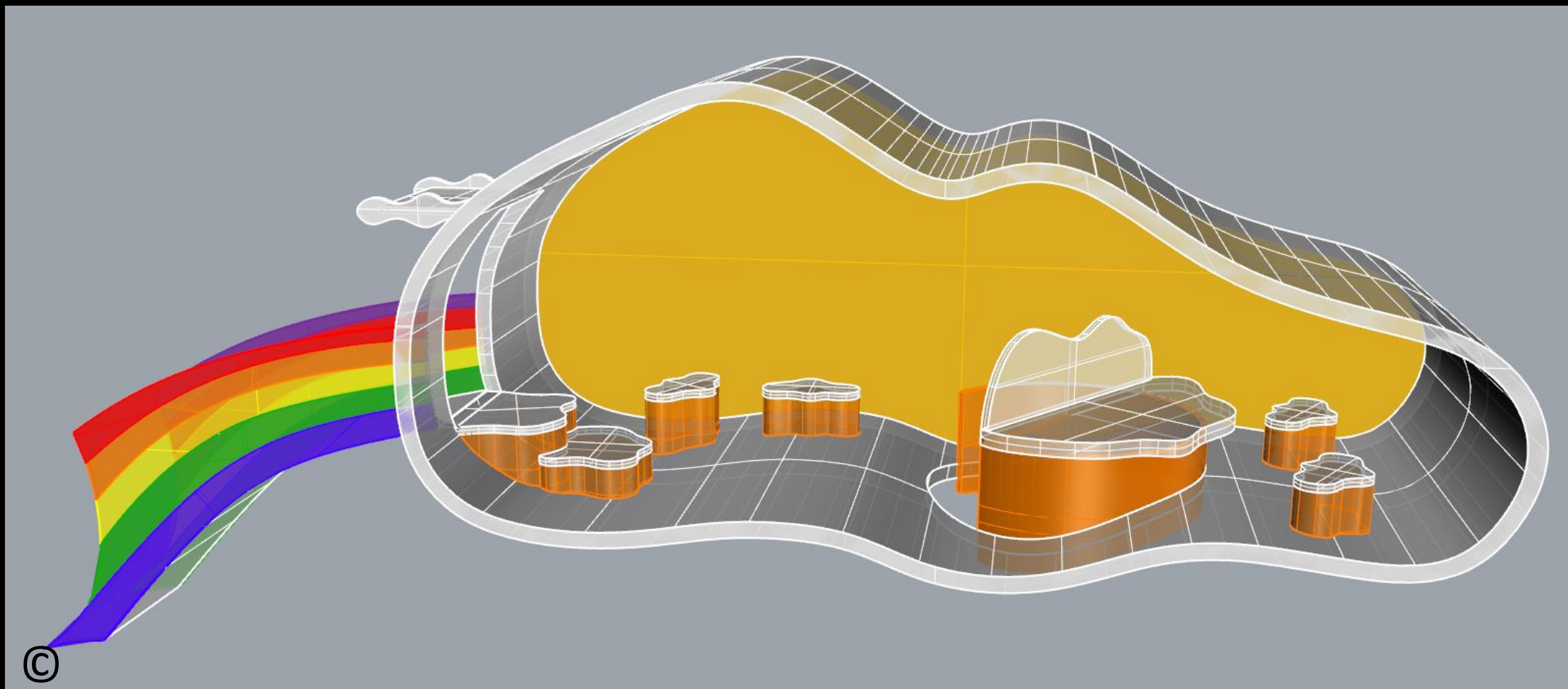
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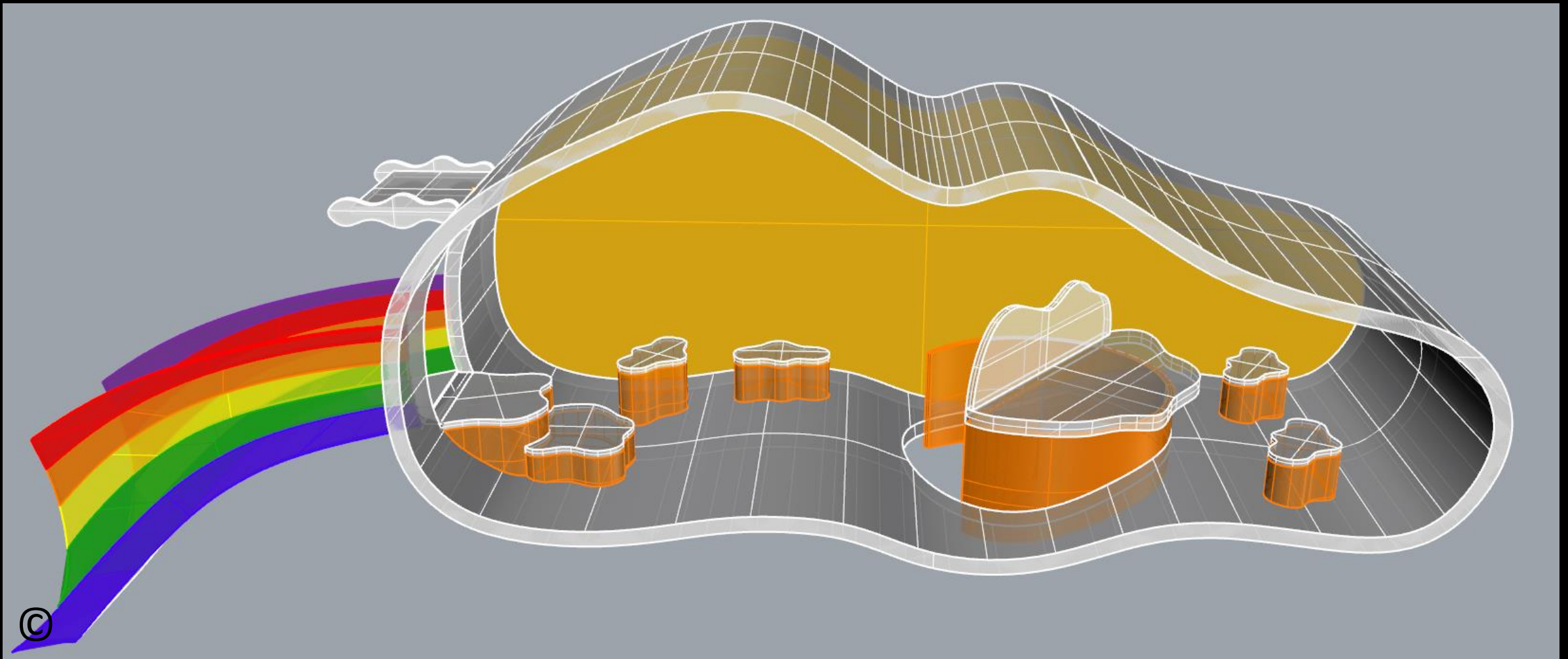
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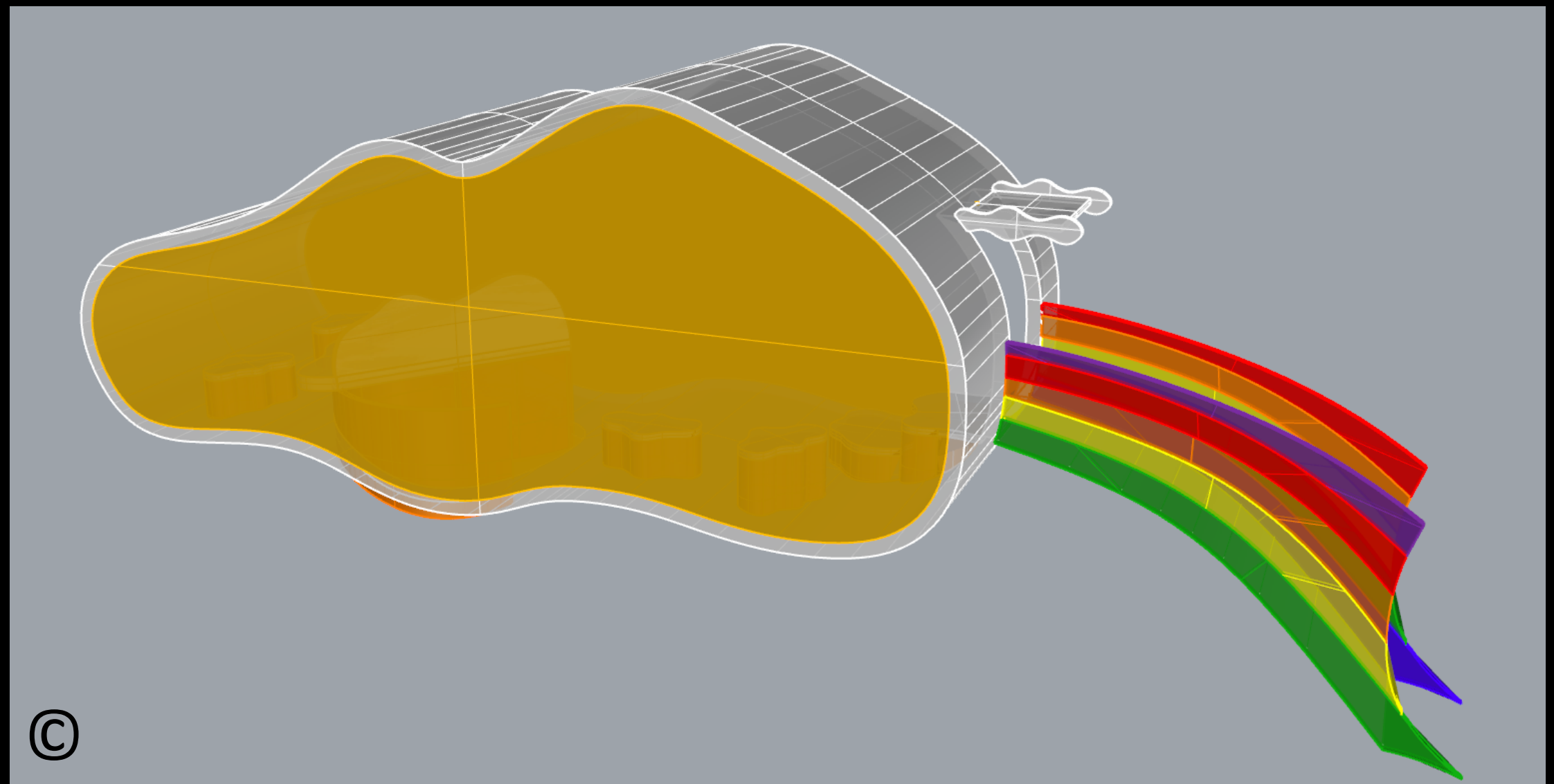
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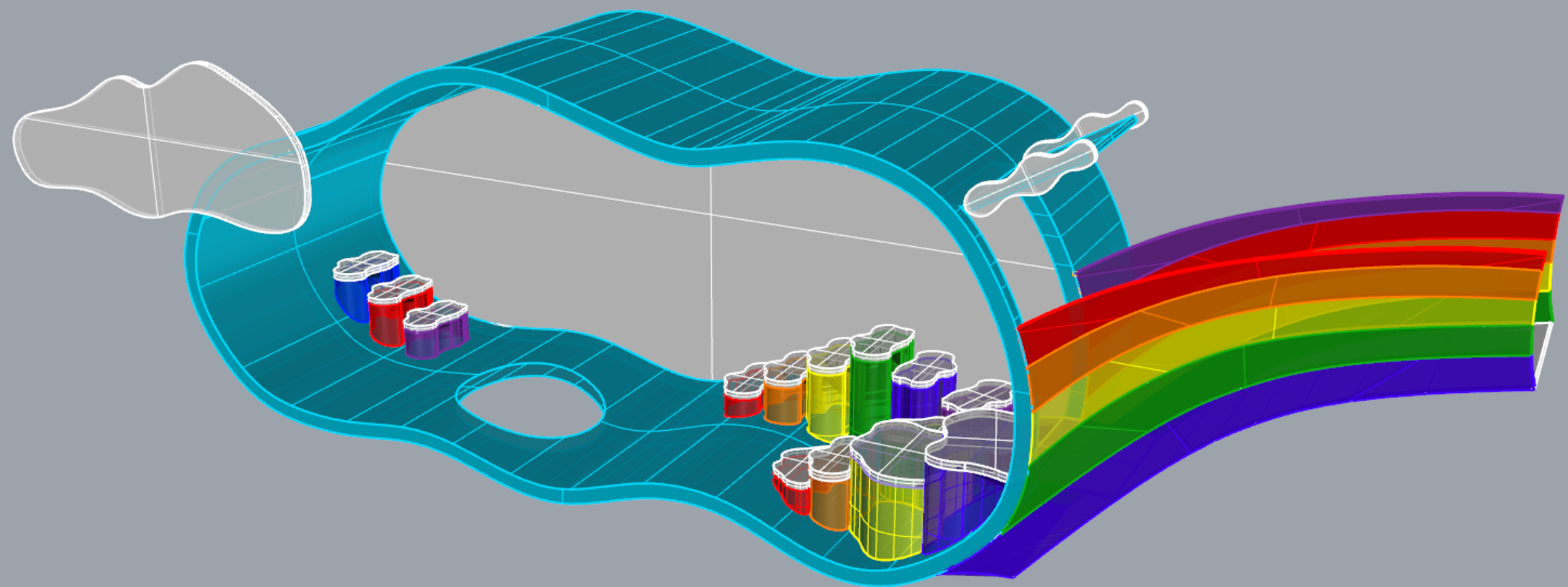


Designer: Neda Batenipour

**Views of
Cloud No. 4
On gray background**

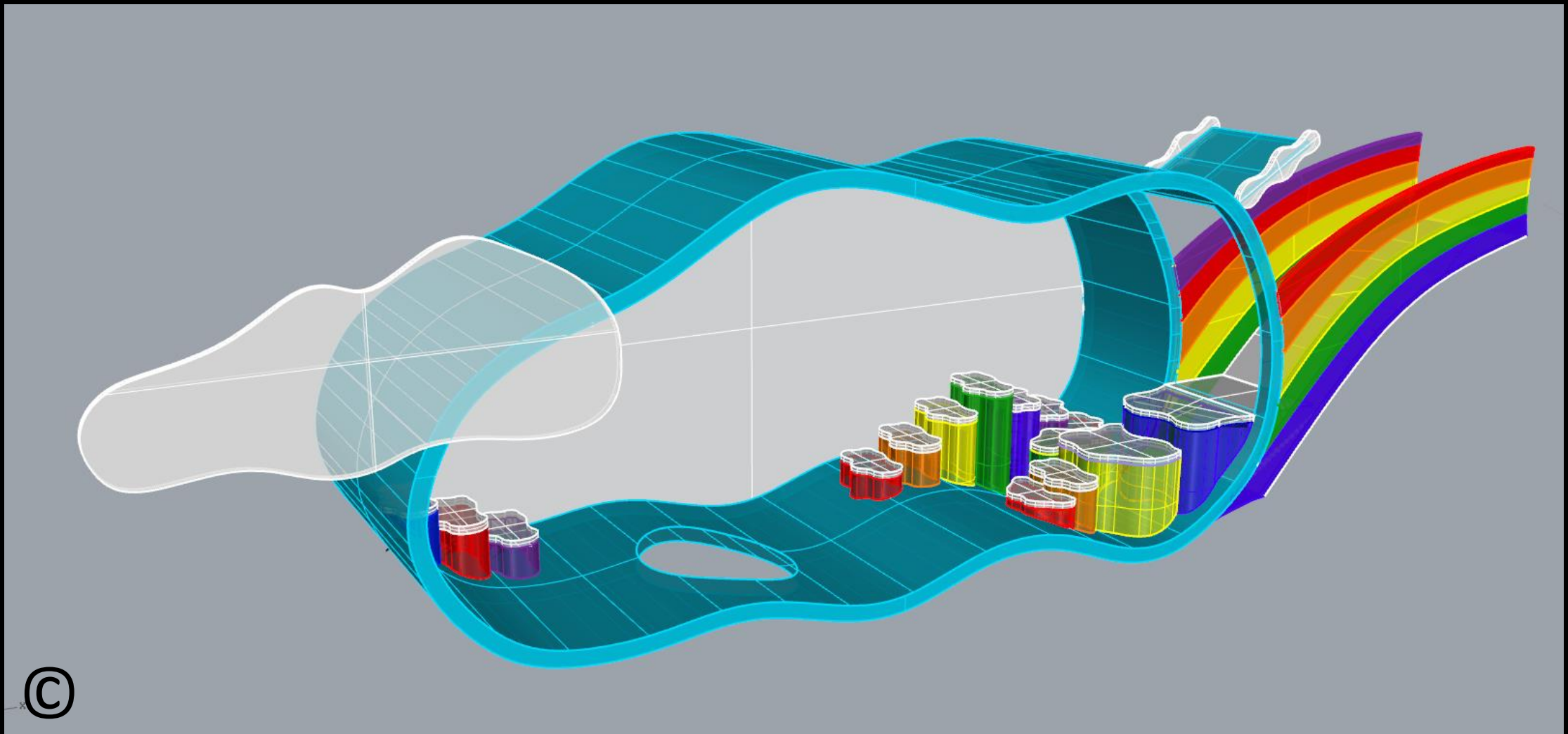


Designer: Neda Batenipour



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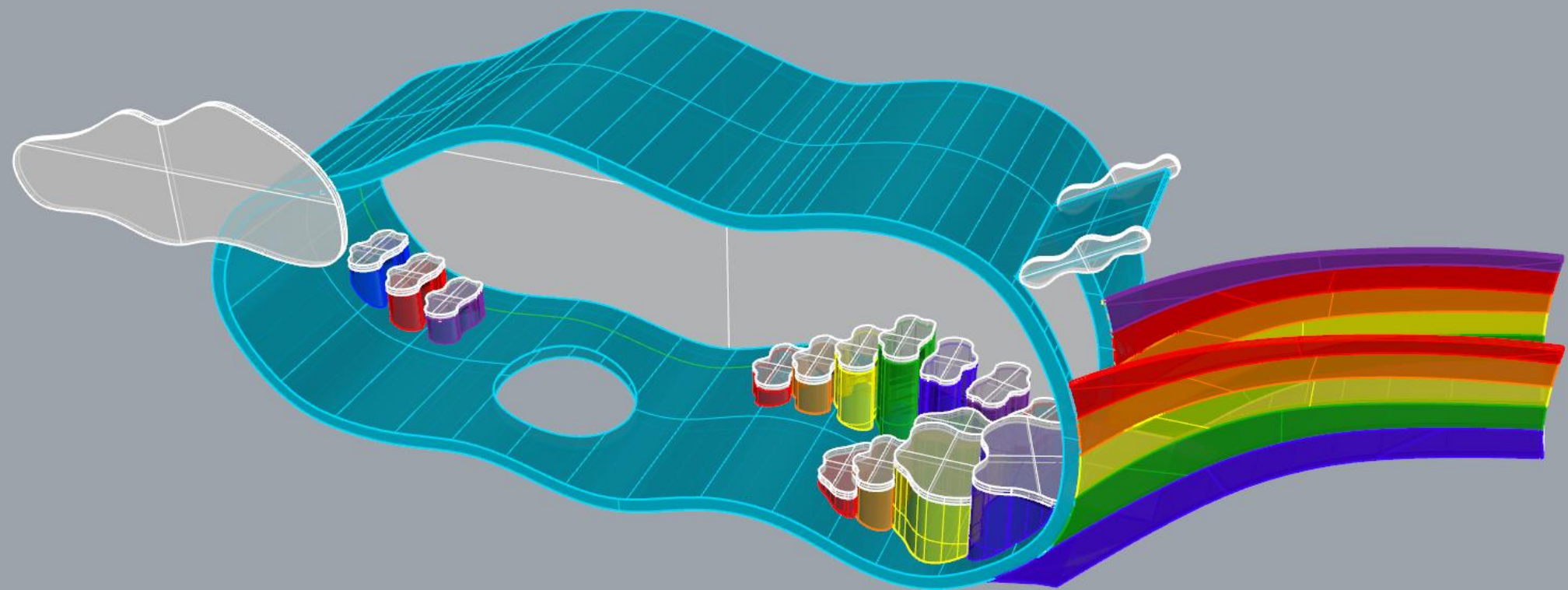


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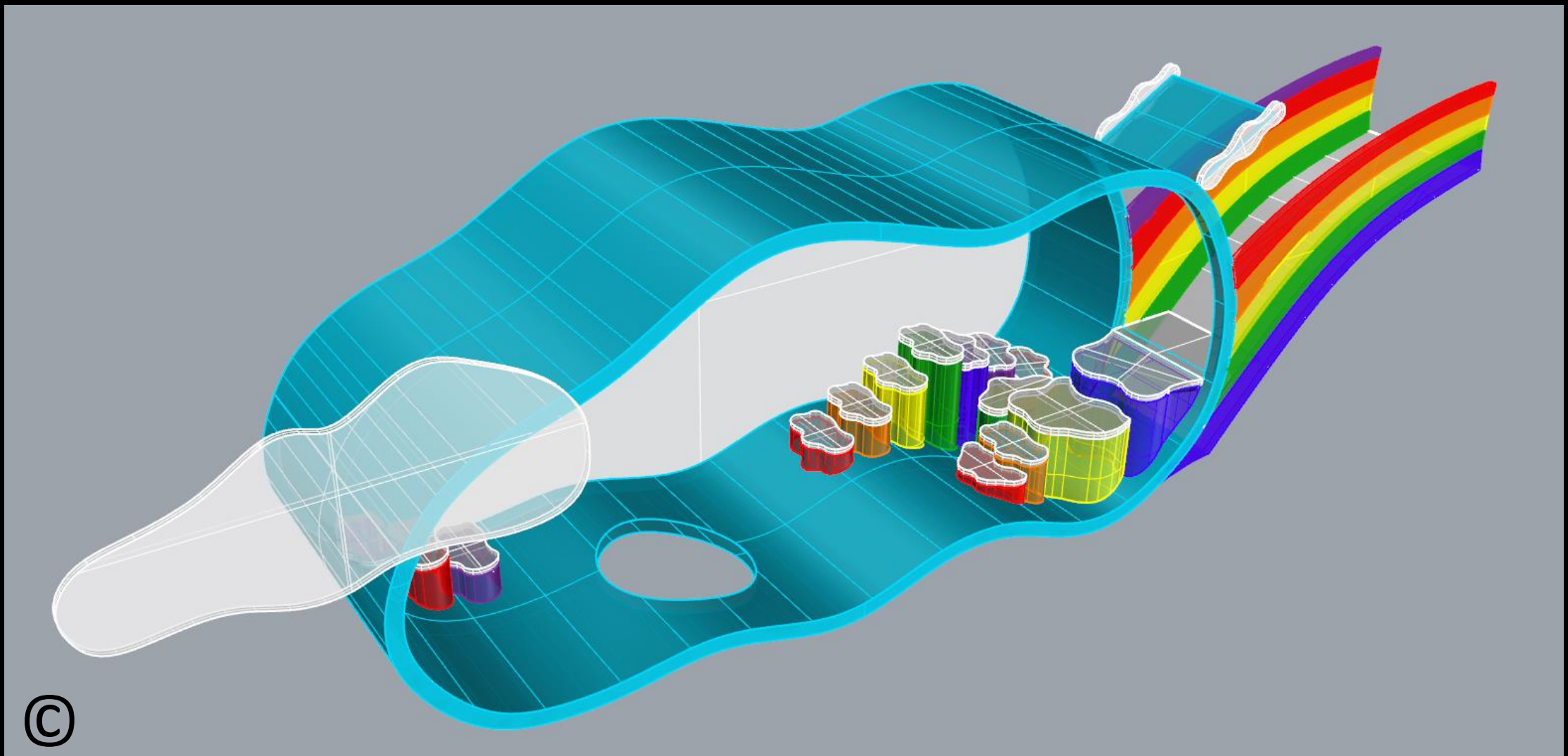
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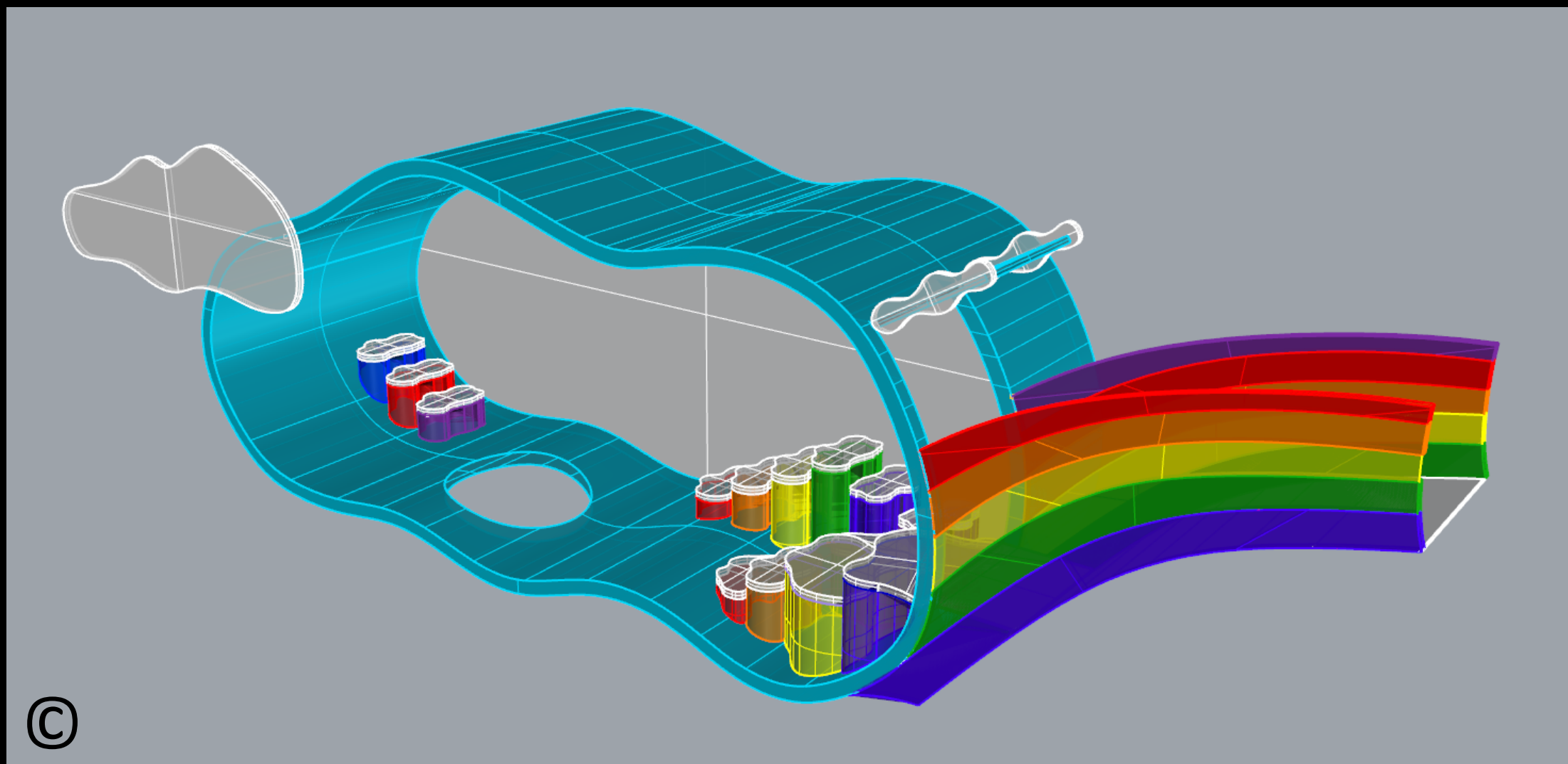
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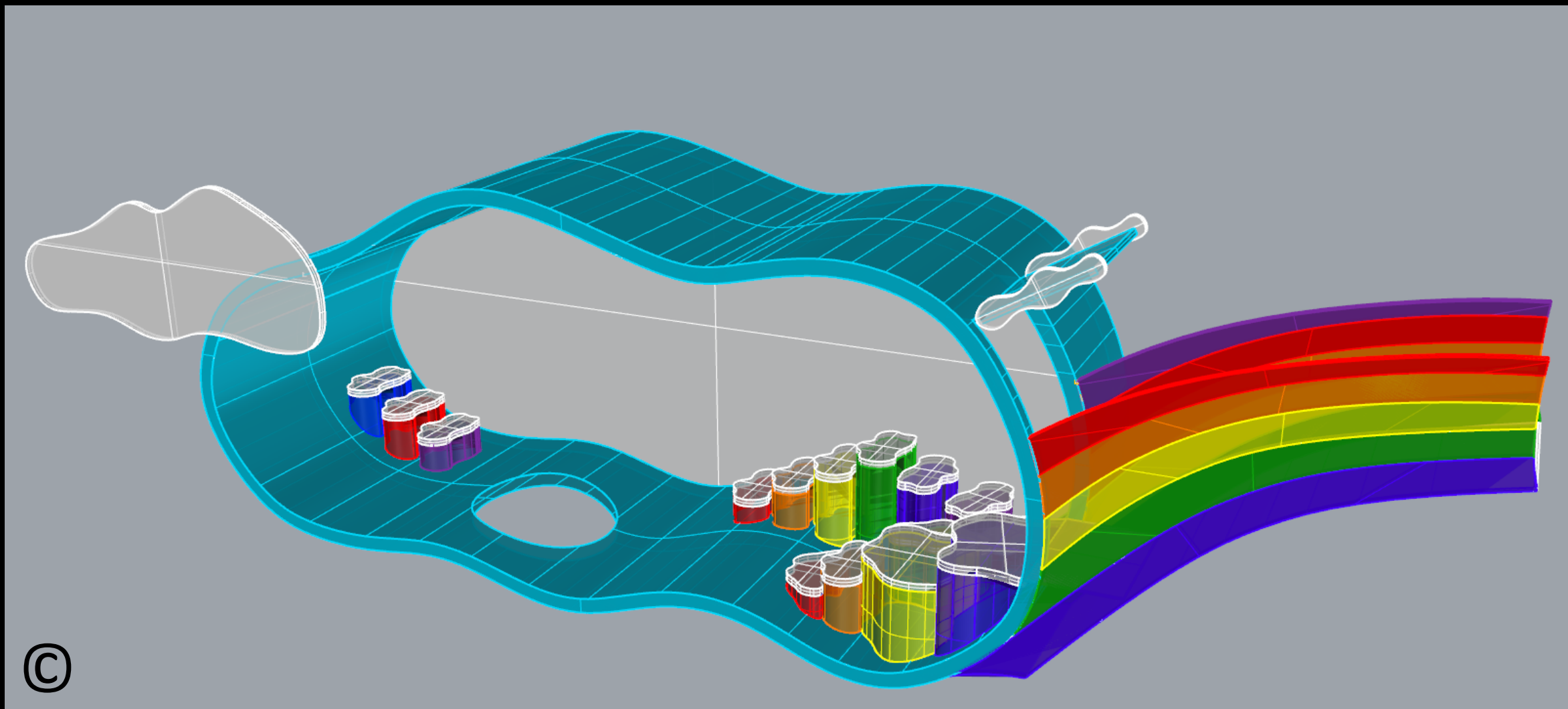
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Designer: Neda Batenipour



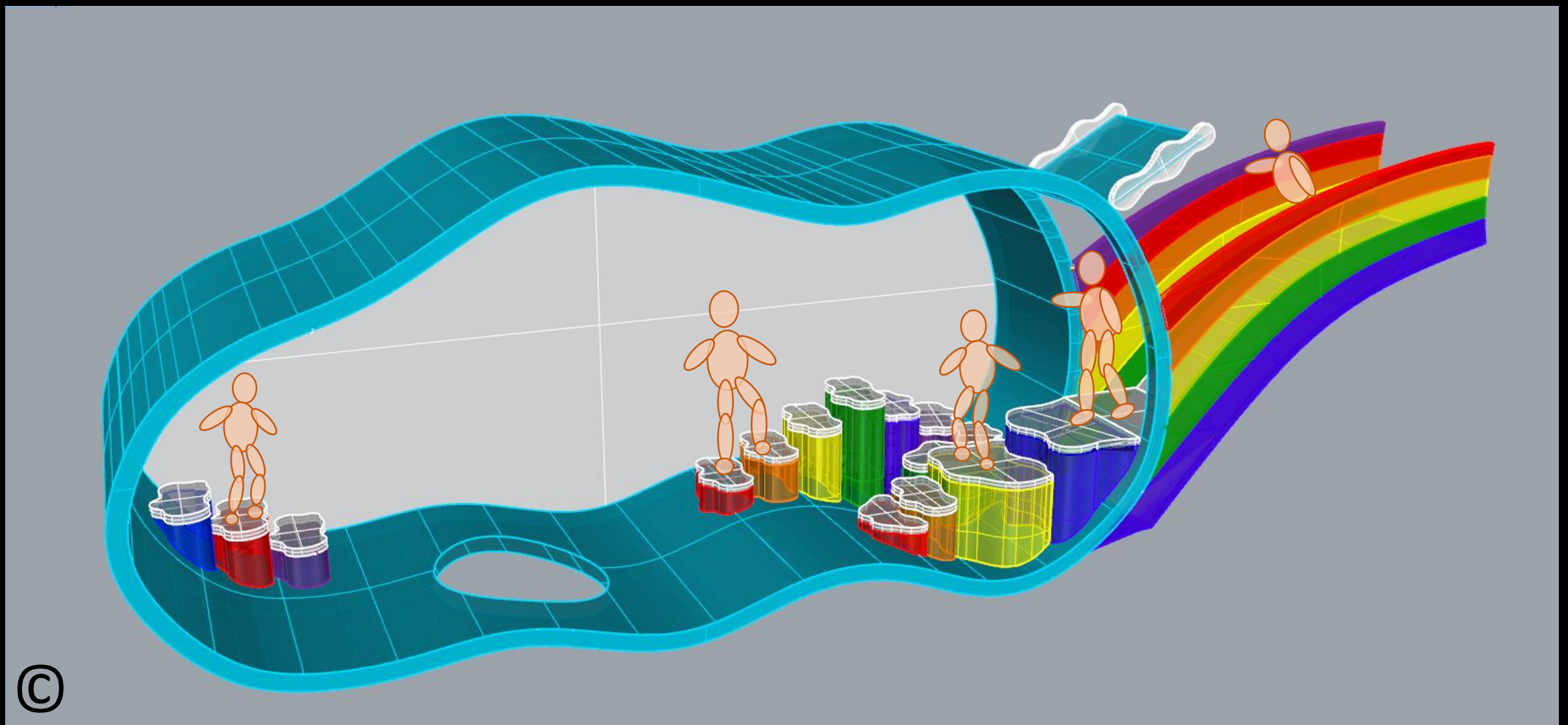
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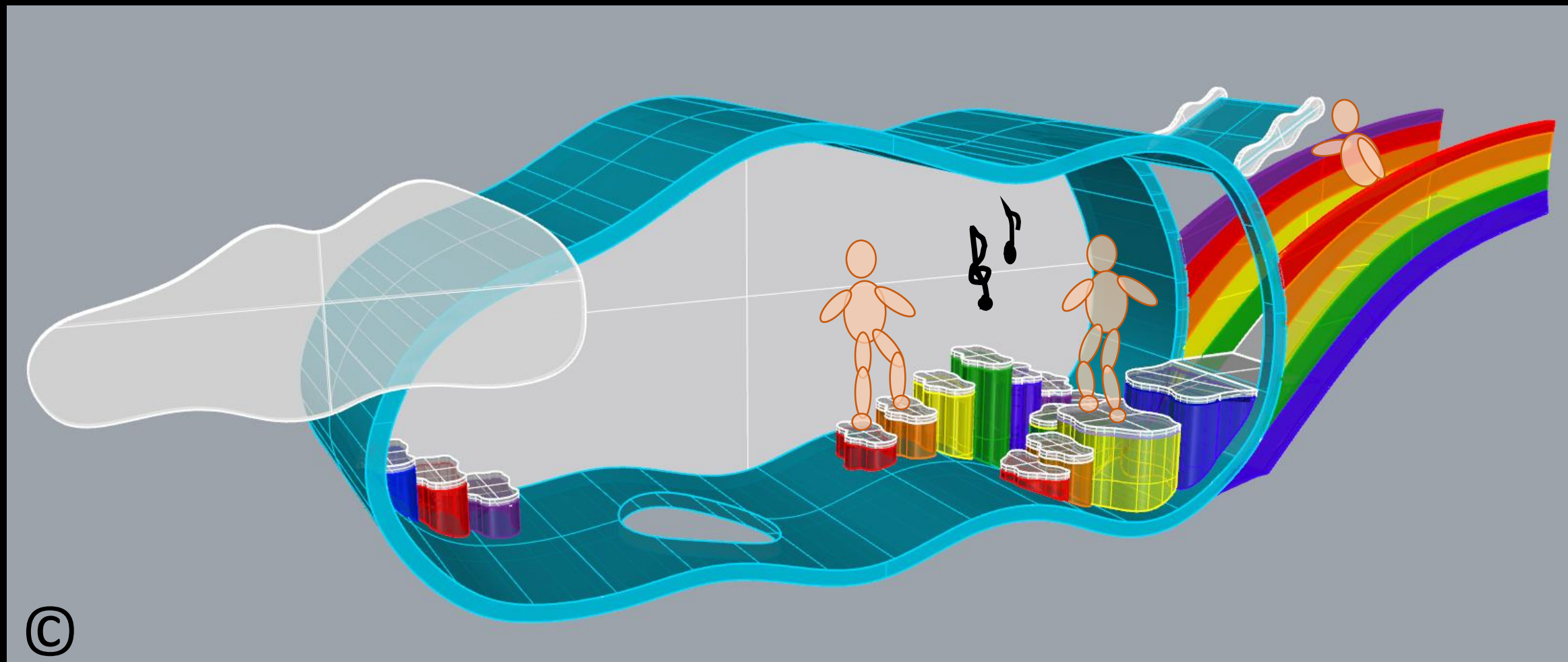
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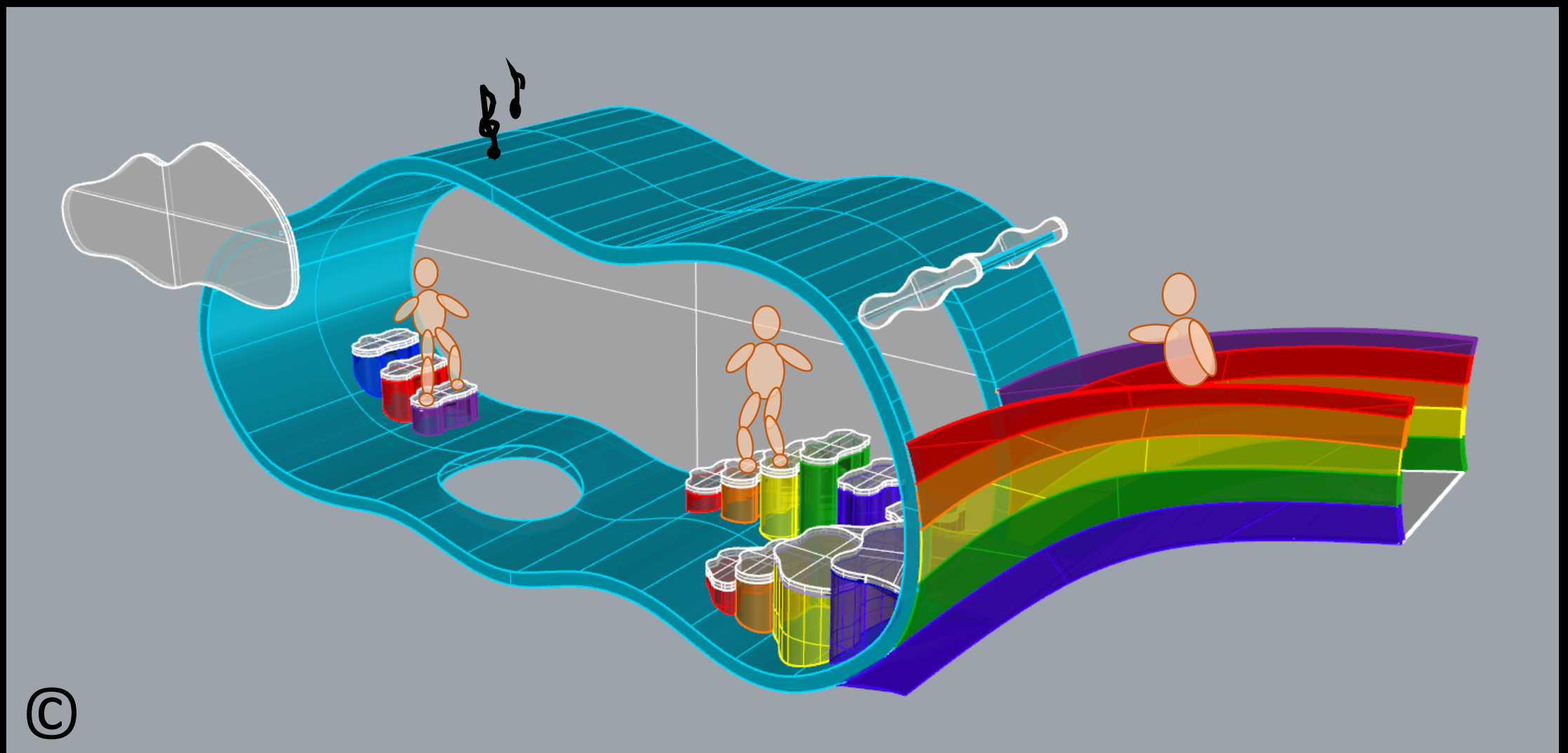


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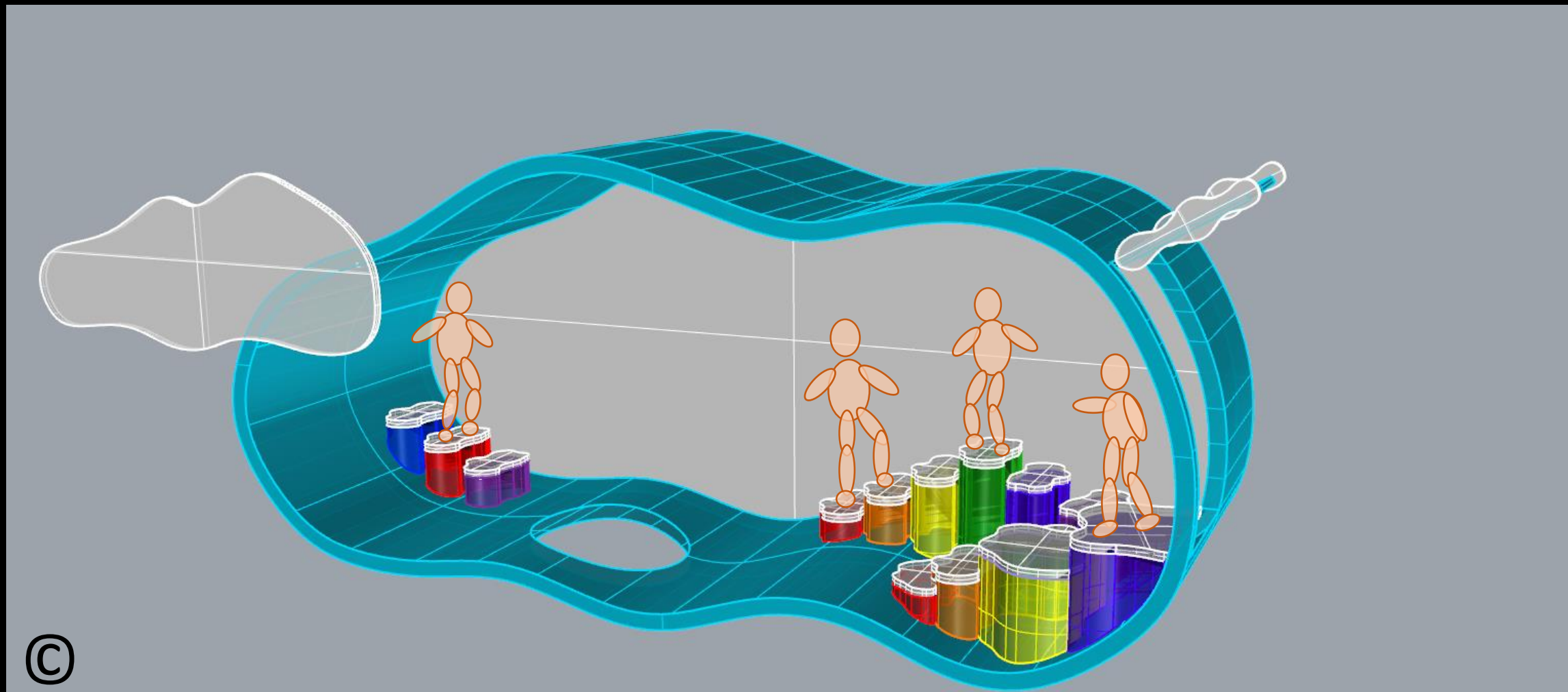


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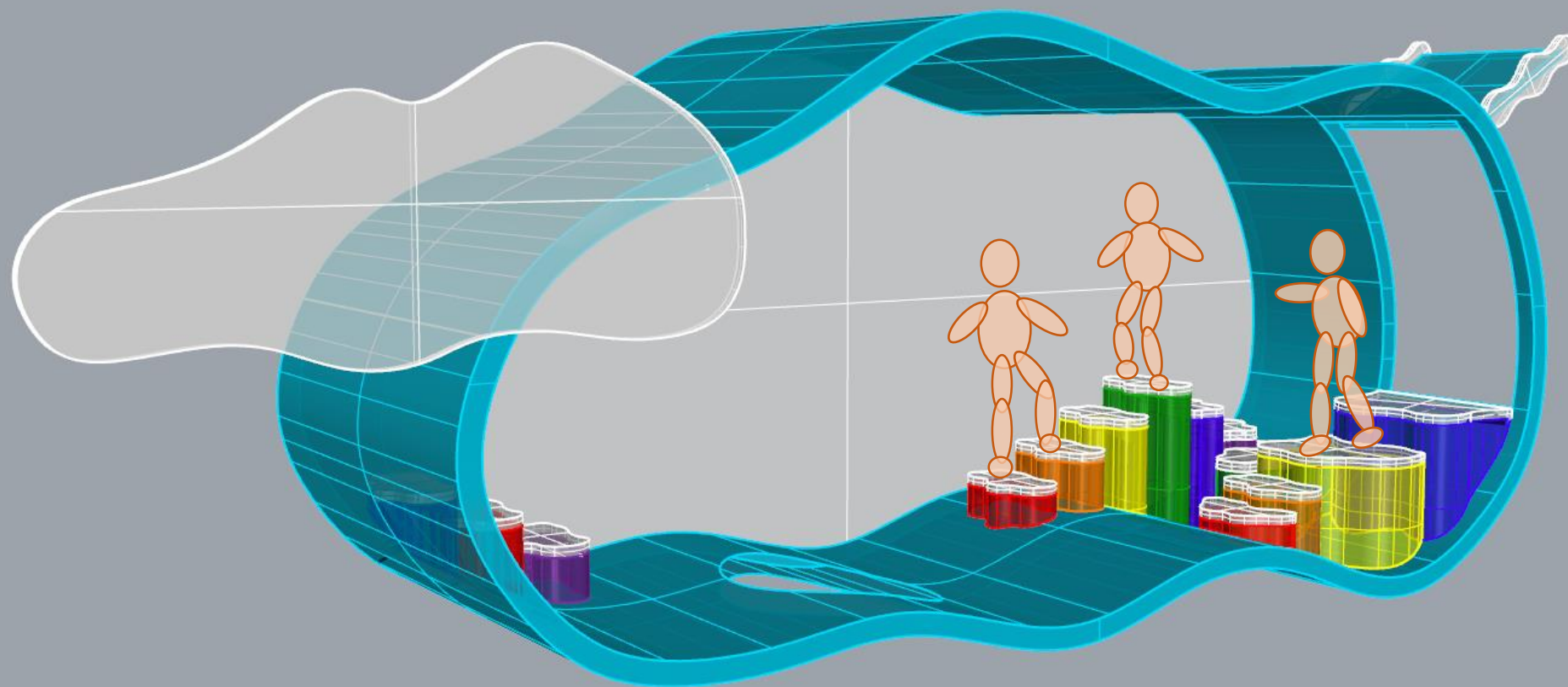
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