

ALL MOVEMENT

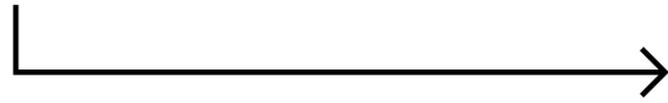


מכון
דוידסון
הידע והחינוך
על שם
דודסון

לי"ש קולר
Clare Garden
of Science
حديقة العلوم
على اسم كلور

גן
המדע

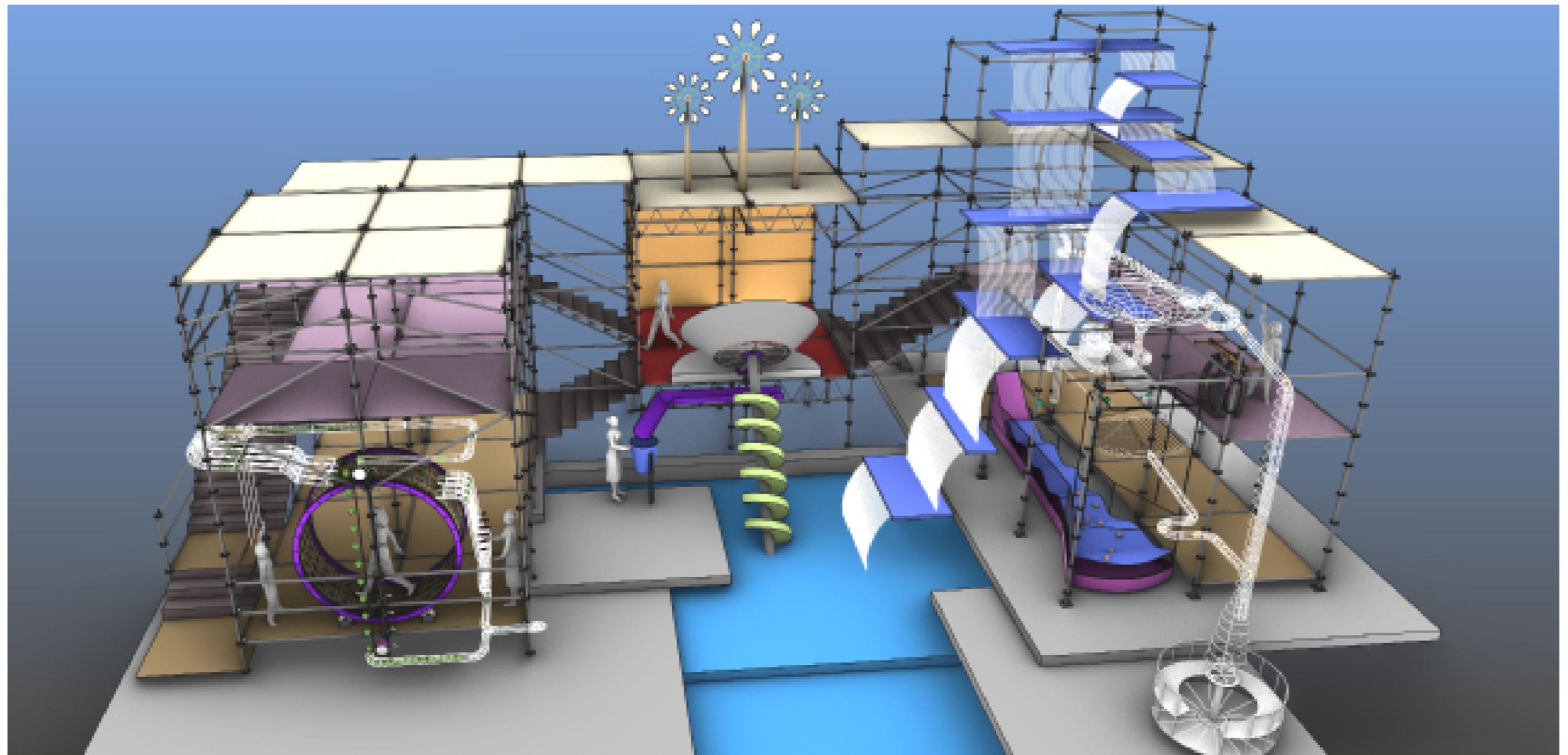
OVERVIEW



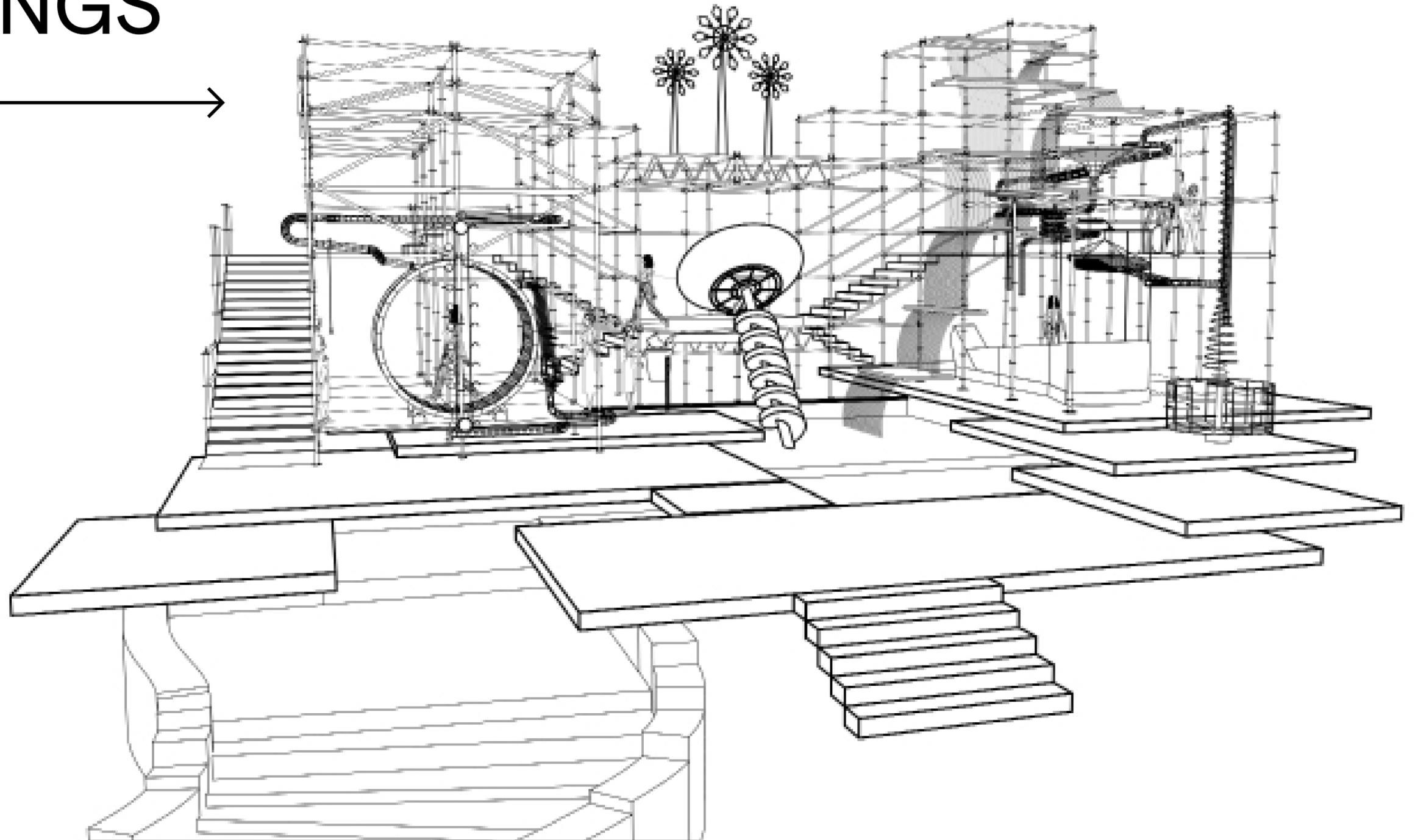
“All Movement” is a modular complex highlighting mechanical motions and expressions.

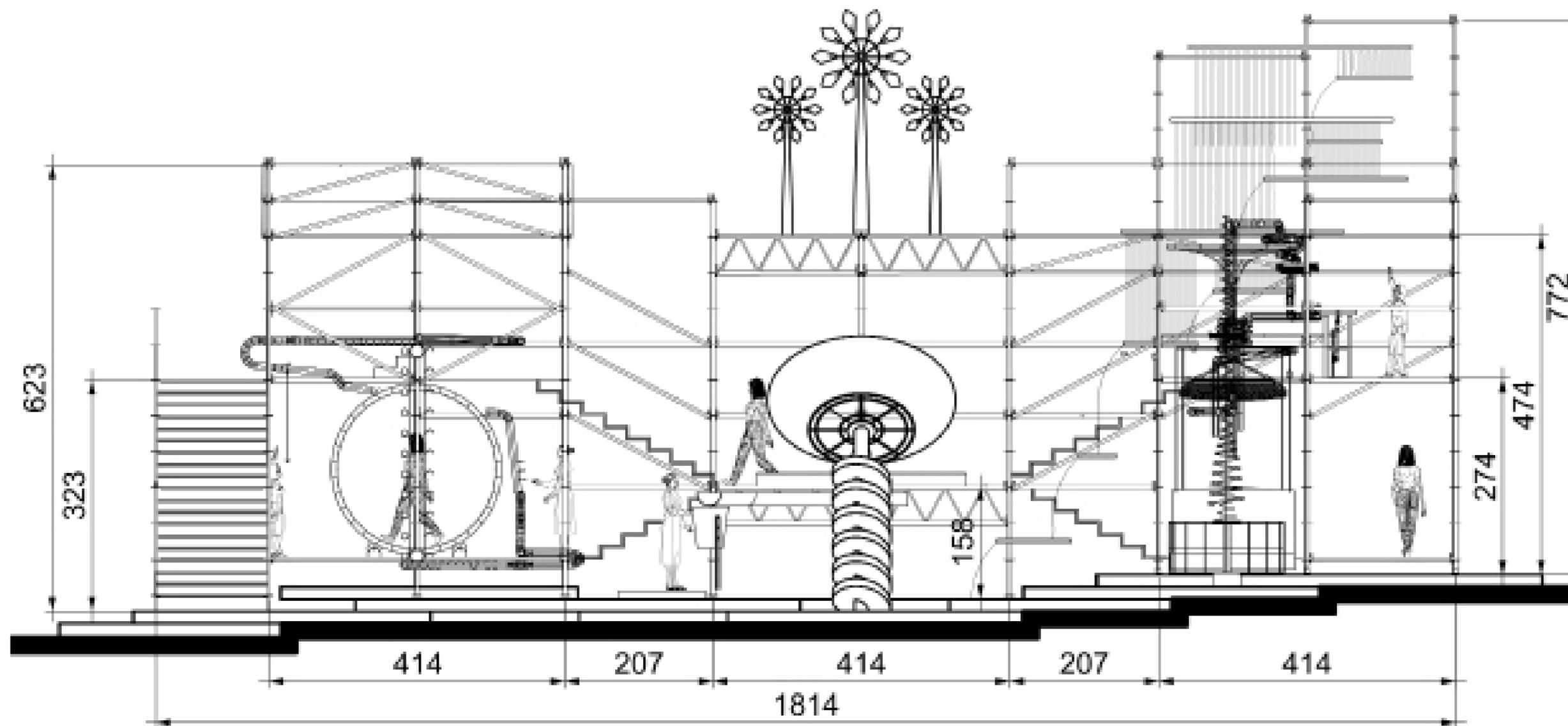
The installation features a combination of classic science museum interactive elements. The elements are merged into one giant machine; it requires the visitors to cooperate to make the various systems, effects, movements, and sounds come alive.

The machine encourages exploration and understanding of mechanical processes from different angles.

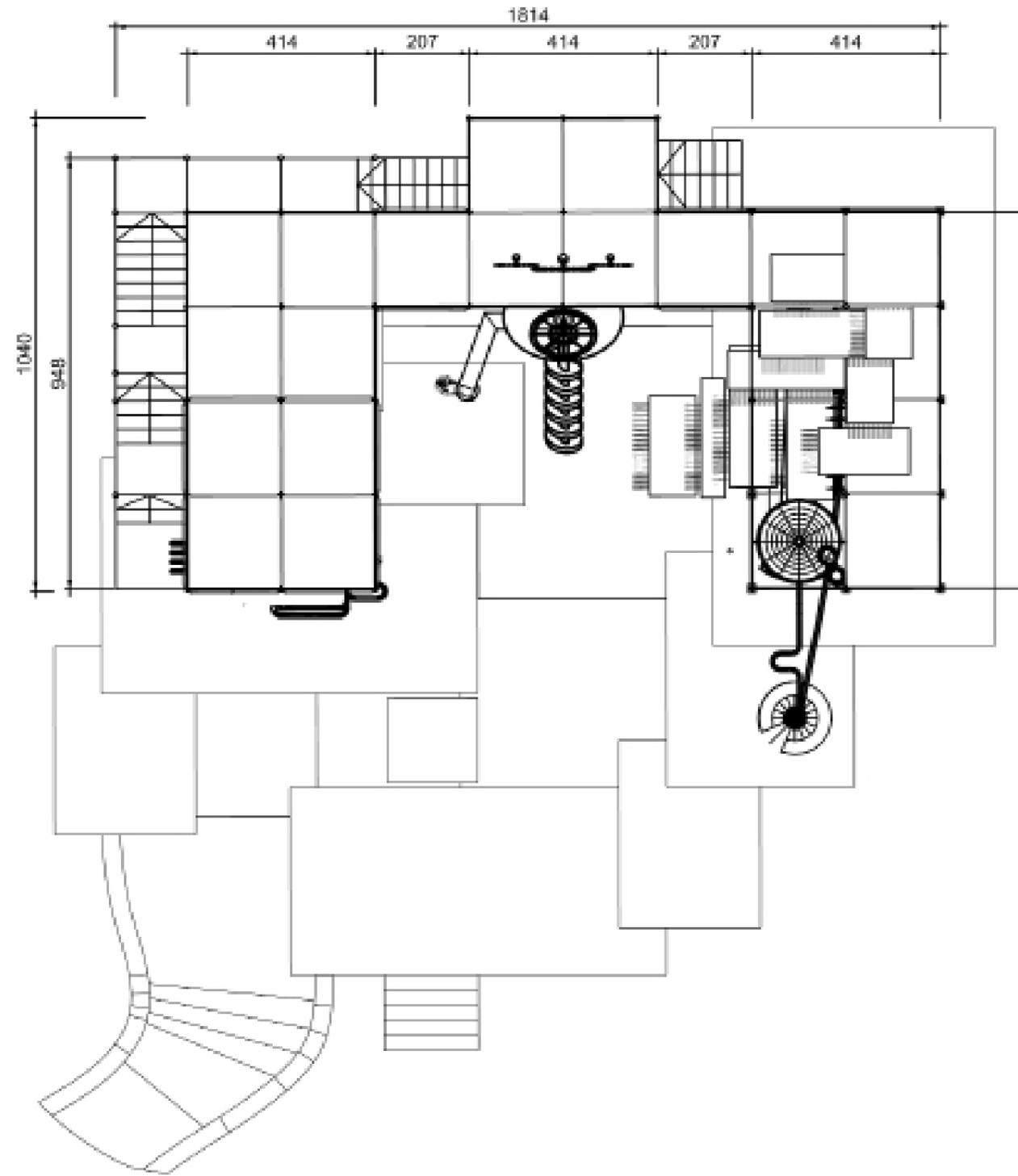


TECHNICAL DRAWINGS





Front View



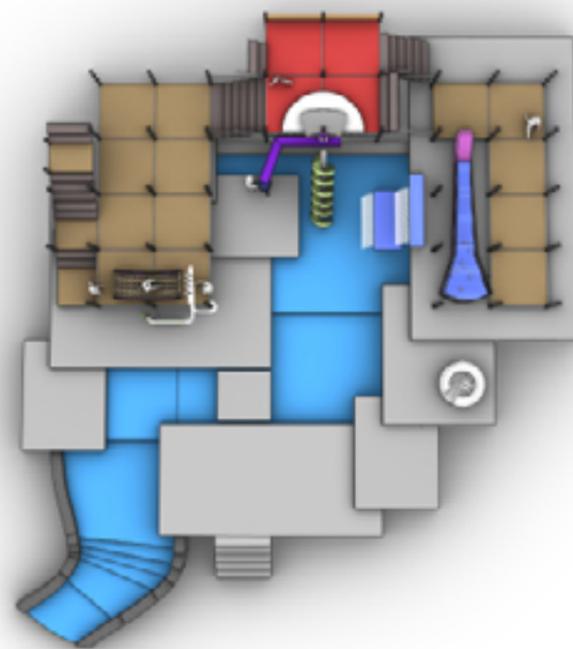
Top View

COMPLEX GUIDELINES

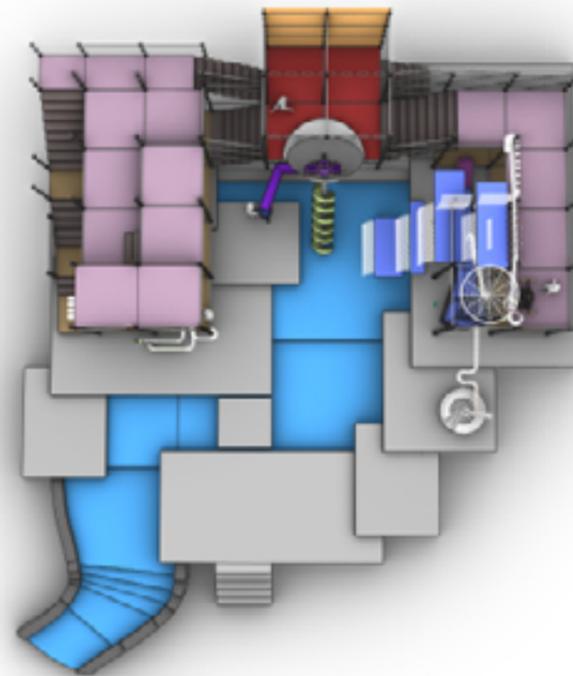


The elements in the compound are expressed by following these guidelines:

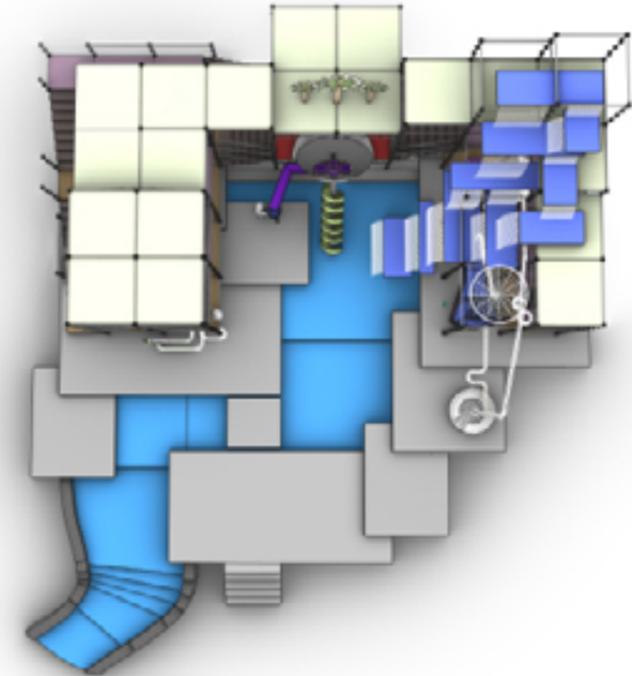
1. Flexibility - the visitor can take different paths and routes, various collaborations will create different results.
2. Playability - The visitor has a significant influence on the results and how the compound evolves. The machine invites creative thinking and problem-solving.
3. Team Efforts - we encourage the visitors to cooperate. They will affect timing, water routes, and musical elements. Once the team works in harmony, the machine will react.
4. Multidisciplinary
5. Water
6. Music
7. Exploration
8. Knowledge Layers - we want the visitors to translate the showcased concepts into their daily routines and dive into understanding concepts like Newton's law of motion, energy, power, friction, momentum, etc.



Ground Level

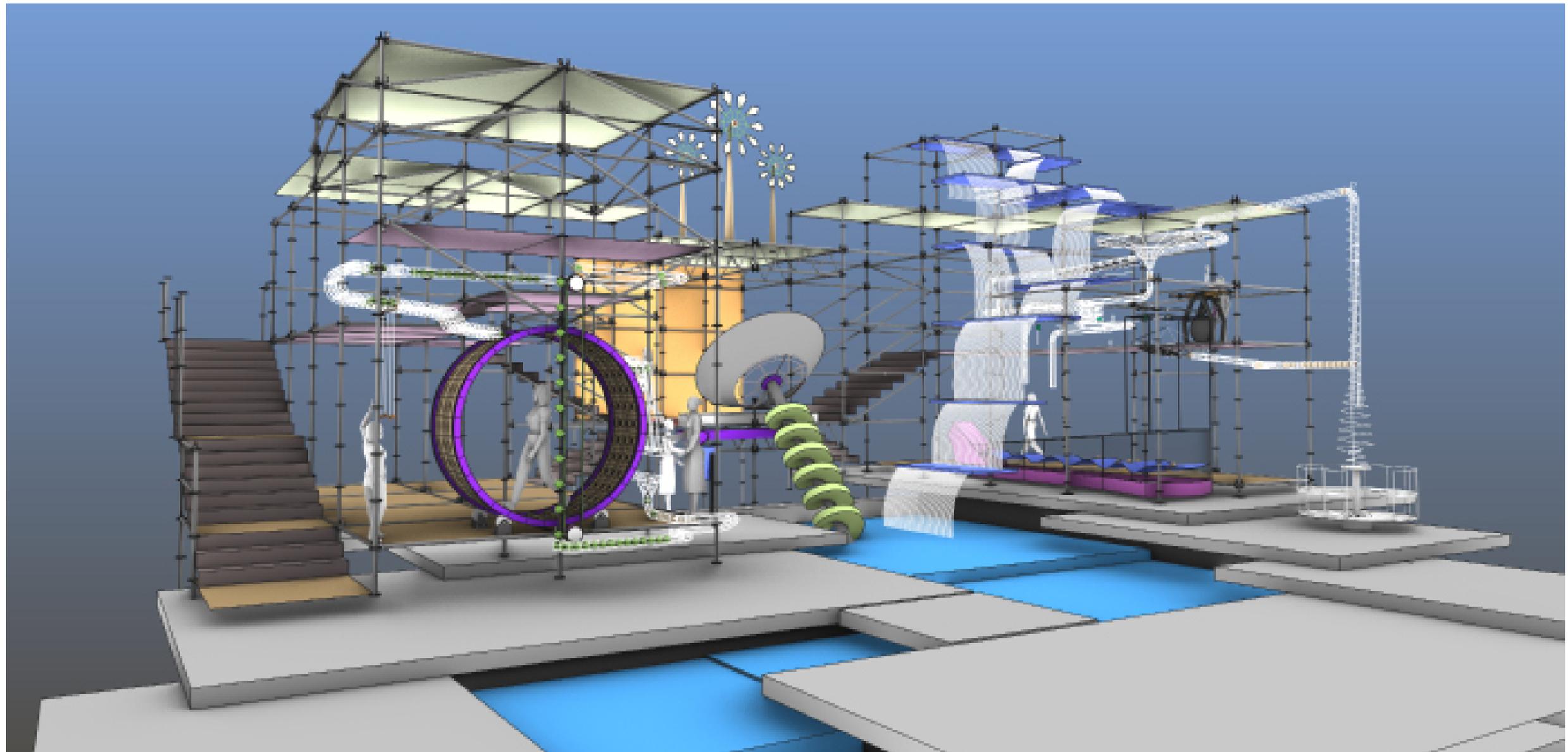


First Level

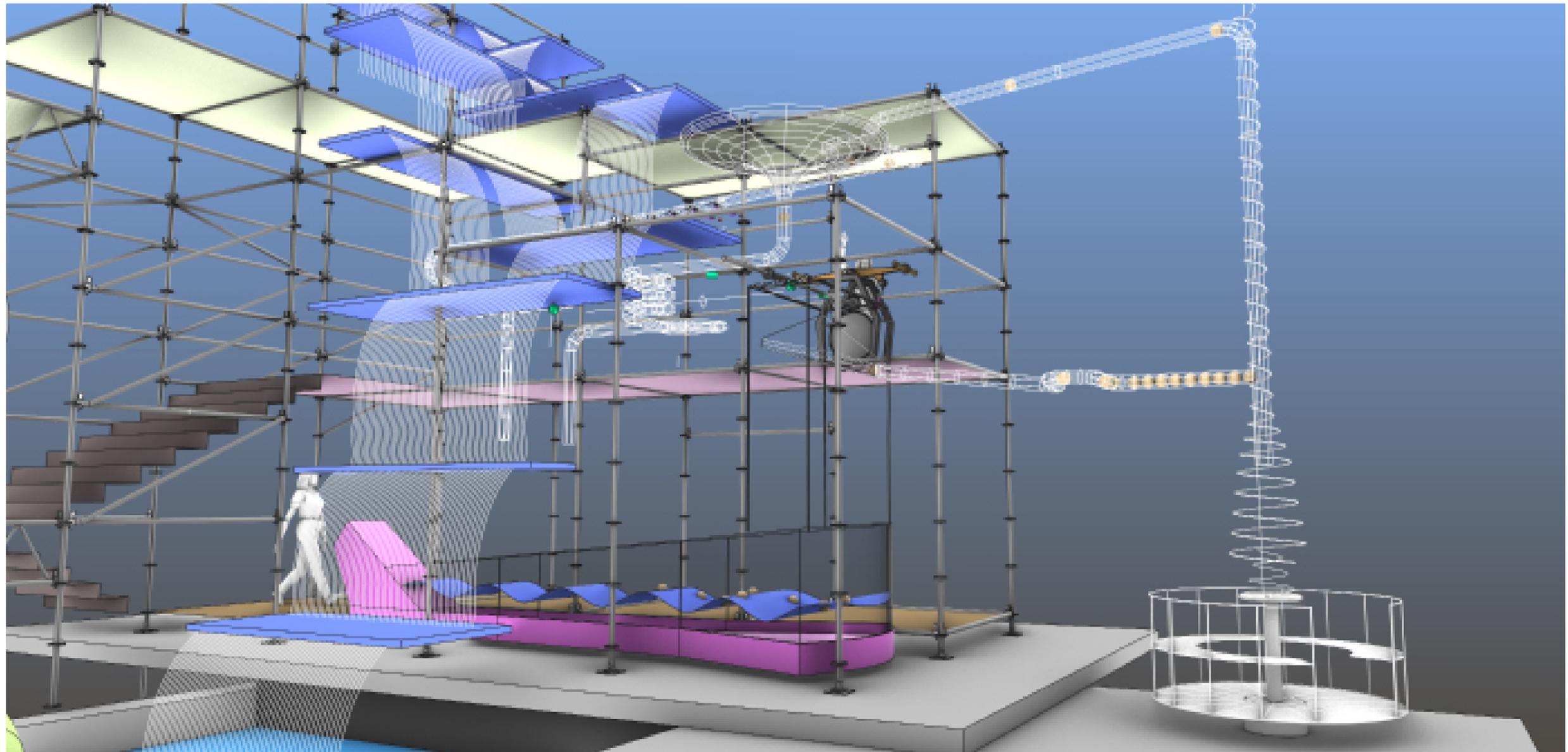


Roof Top

OPERATING MECHANISMS EXHIBITS



TRANSPORT MECHANISMS EXHIBITS



OUTCOME MECHANISMS EXHIBITS

