

# **FLEXODROM**

**MOBILE | MODULAR | REDESIGNABLE**

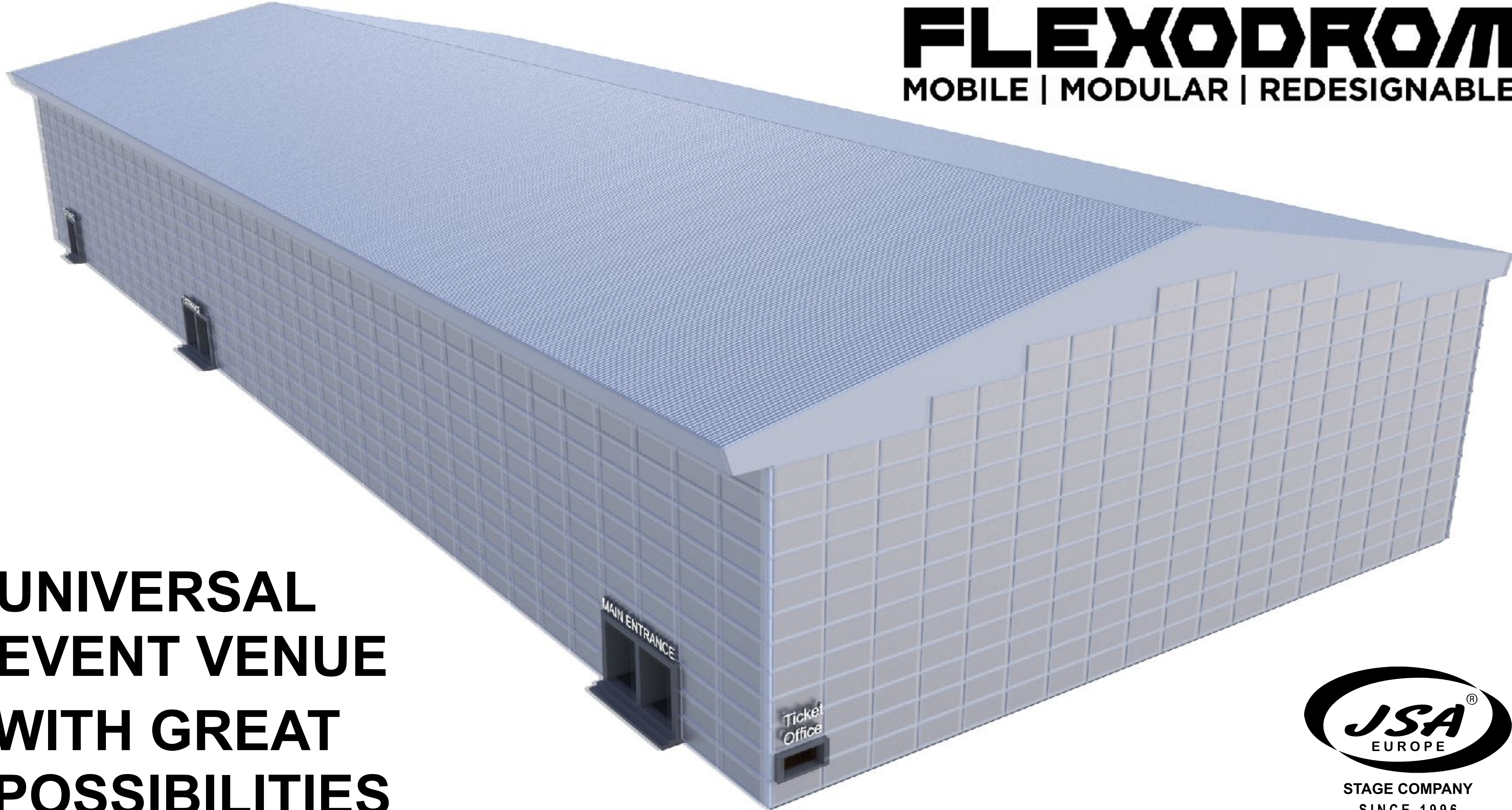
**Created by Asteris Koutoulas and Alexander Strizhak**

**Engineering and Design by JSA Stage Company**

**The structure is based on the use of Layher systems.**

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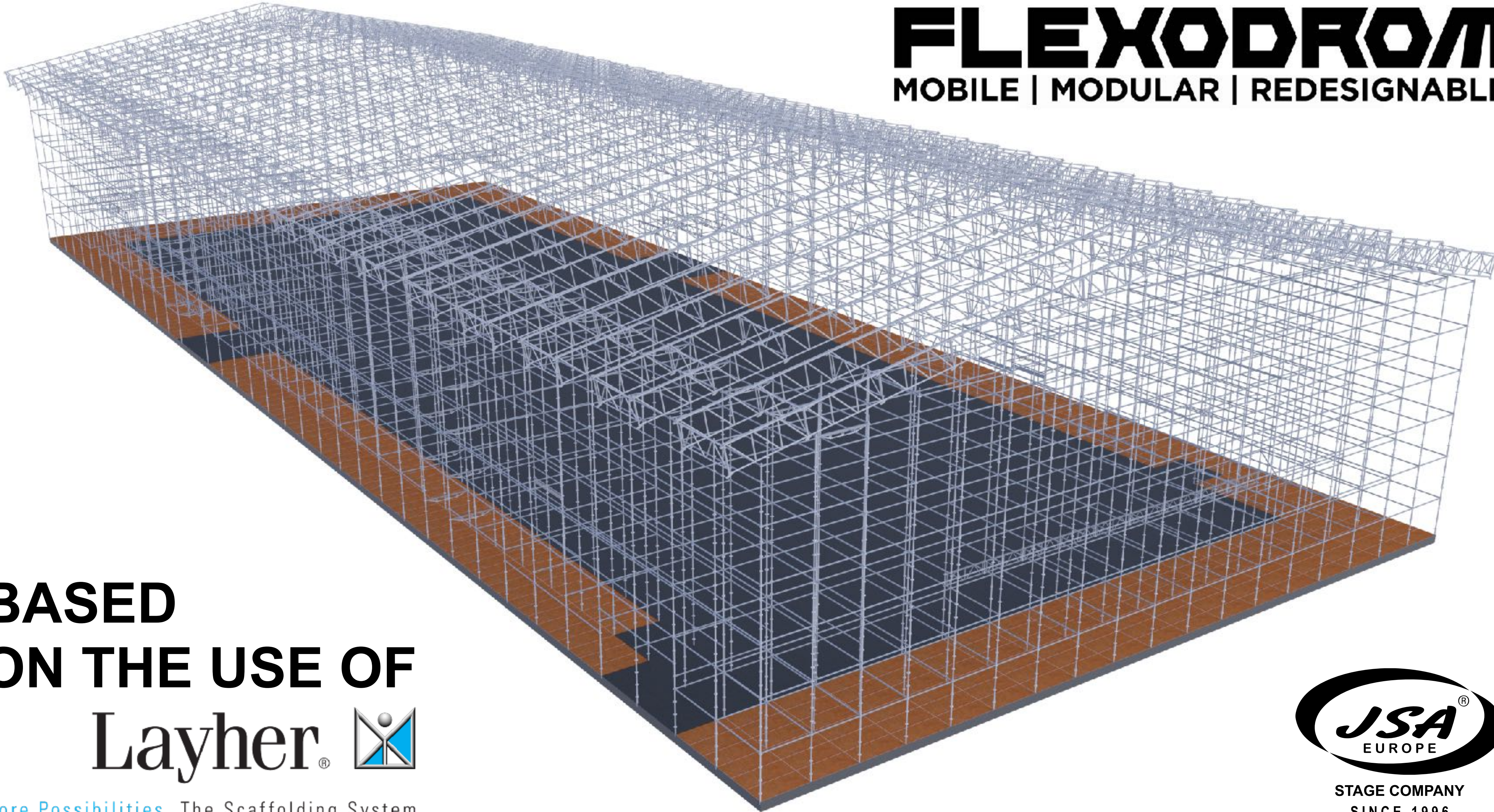
**UNIVERSAL  
EVENT VENUE  
WITH GREAT  
POSSIBILITIES**



**STAGE COMPANY  
SINCE 1996**

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**BASED  
ON THE USE OF  
Layher®** 

More Possibilities. The Scaffolding System.

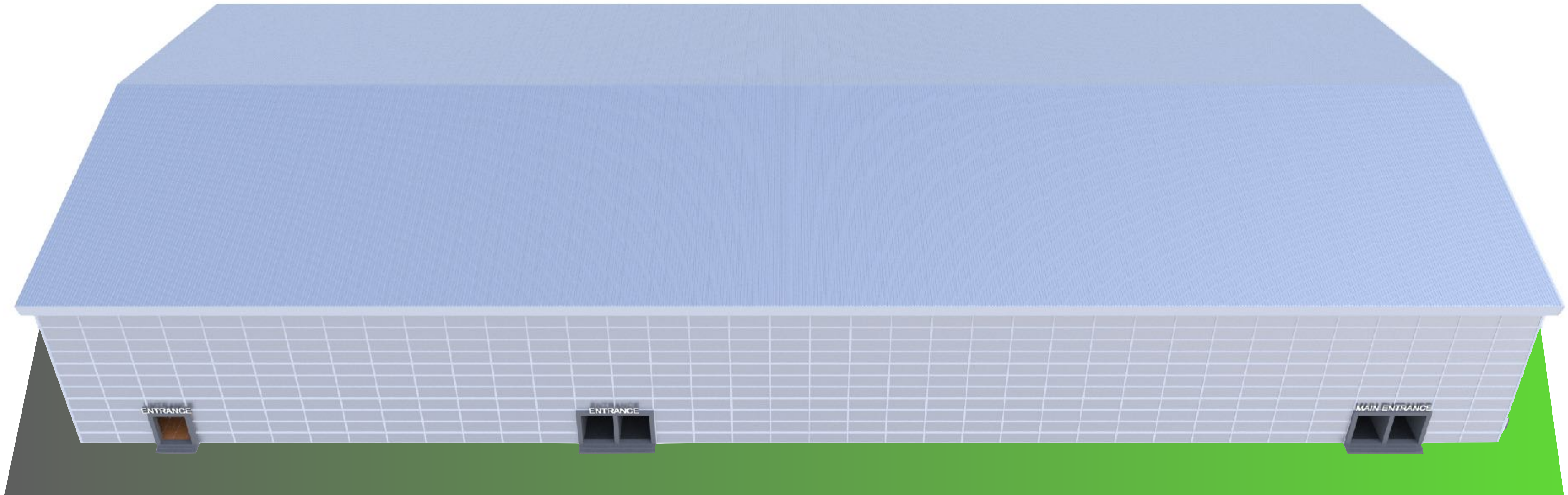


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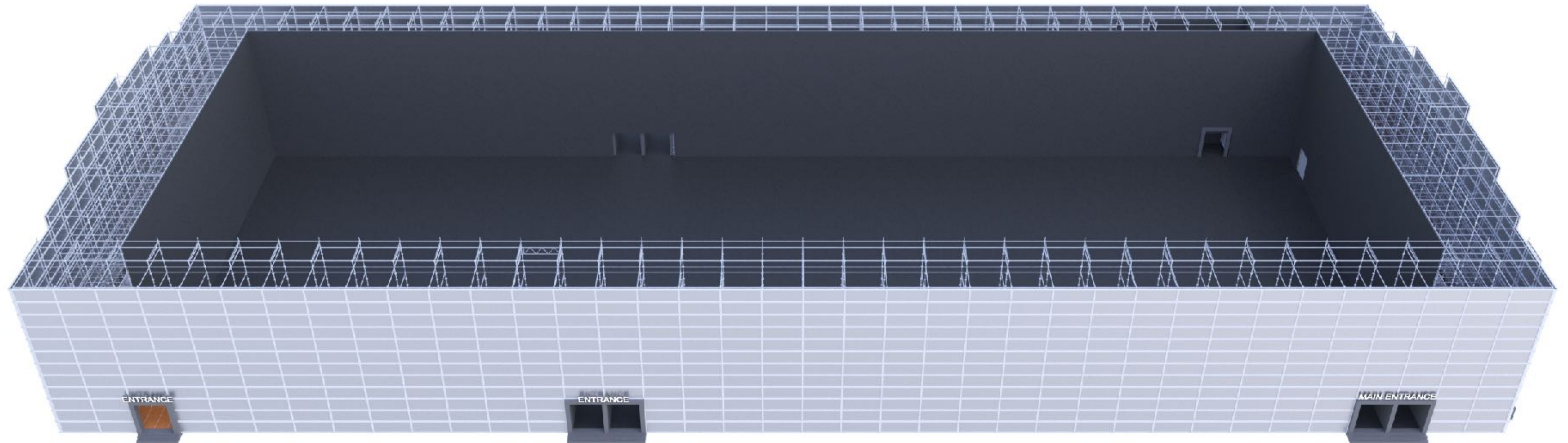


**ATTRACTIVE MODIFIABLE STRUCTURE  
INSTALLED IN ANY ACCESSIBLE PLACE**



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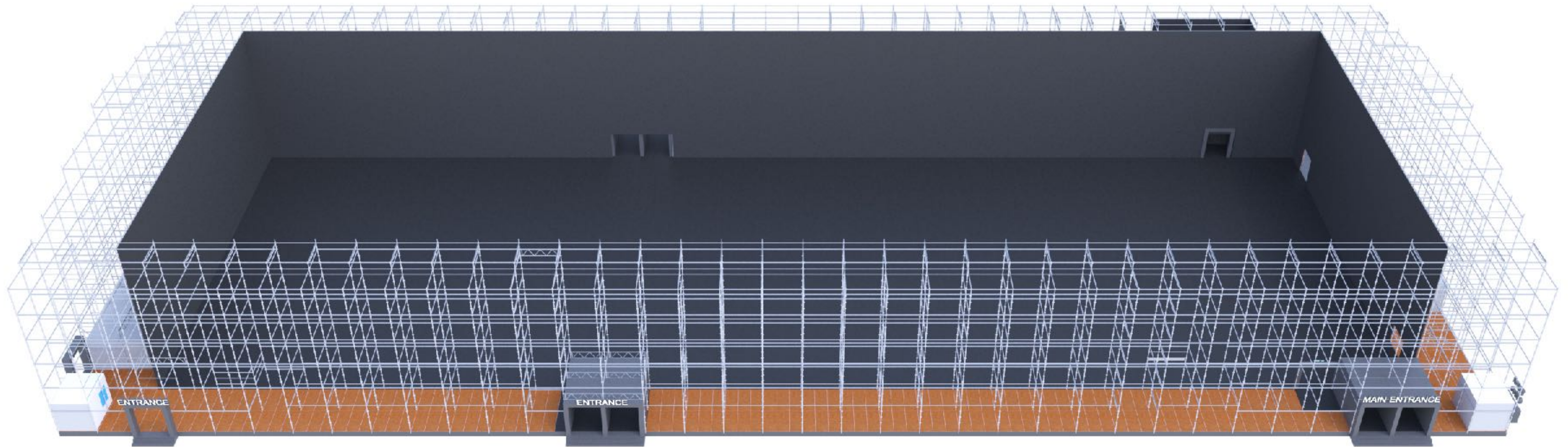


**IN ONE PLACE AND UNDER THE SAME ROOF  
FOR HOLDING VARIOUS TYPES OF EVENTS**



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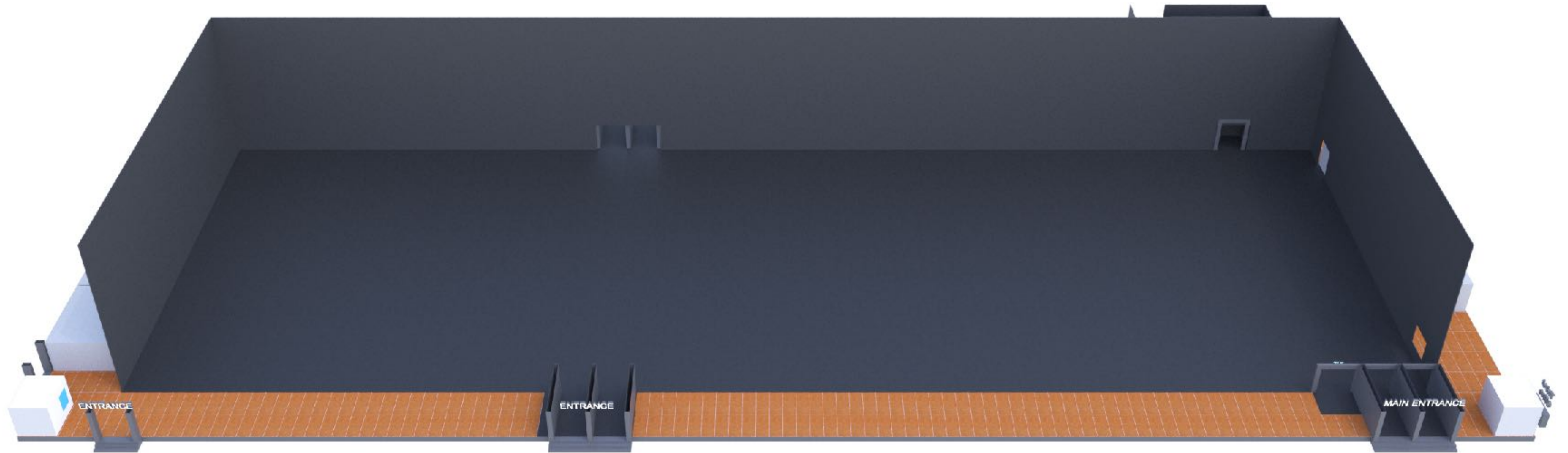


**ADAPTABILITY TO ANY NEEDED TASKS  
EASILY CHANGED INSIDE AND OUTSIDE**



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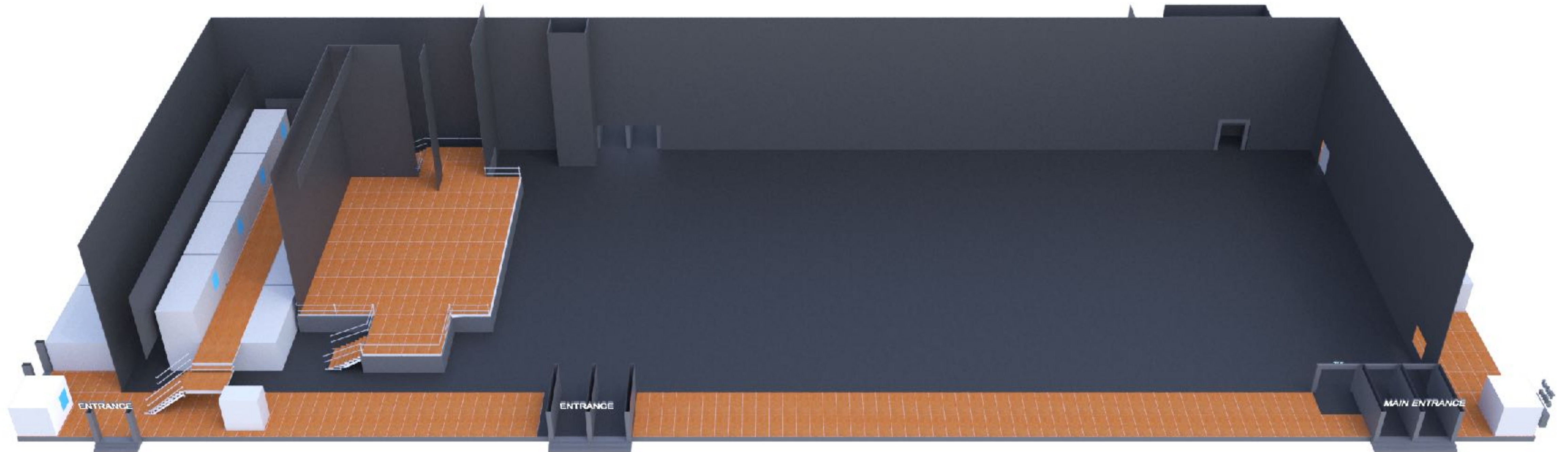


**MULTIFUNCTIONAL ZONE ON ONE SITE  
FOR EXHIBITIONS, FAIRS, MARKET, FORUMS**



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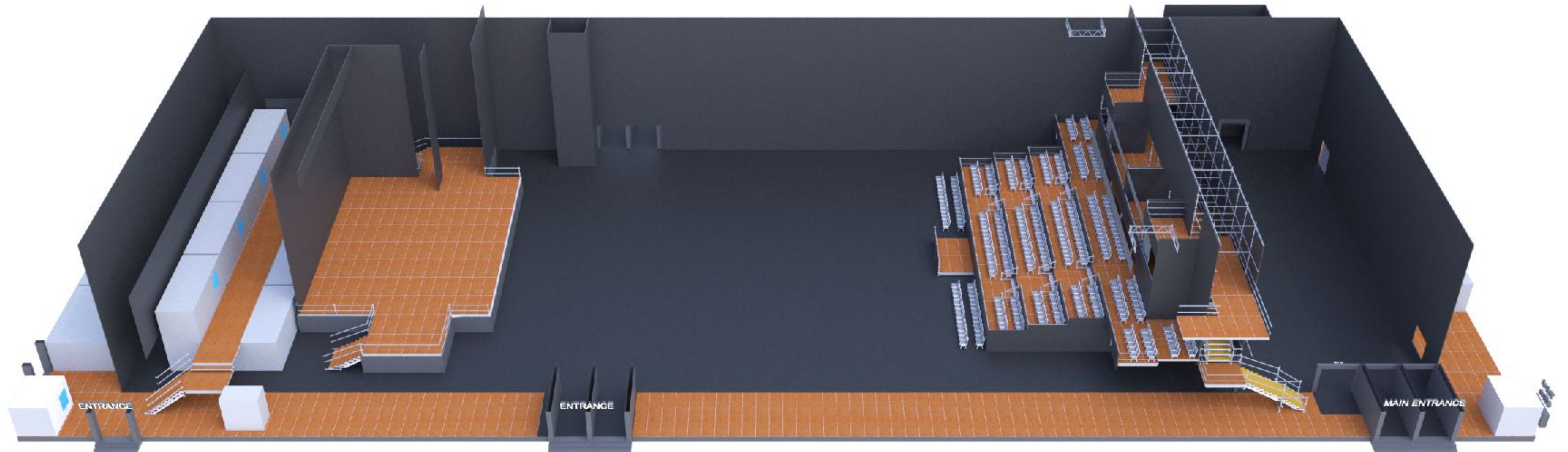
**UNIVERSAL CHANGEABLE CONCERT AREA  
FOR ACTIVE LIVE MUSIC - ROCK, POP, DANCE...**





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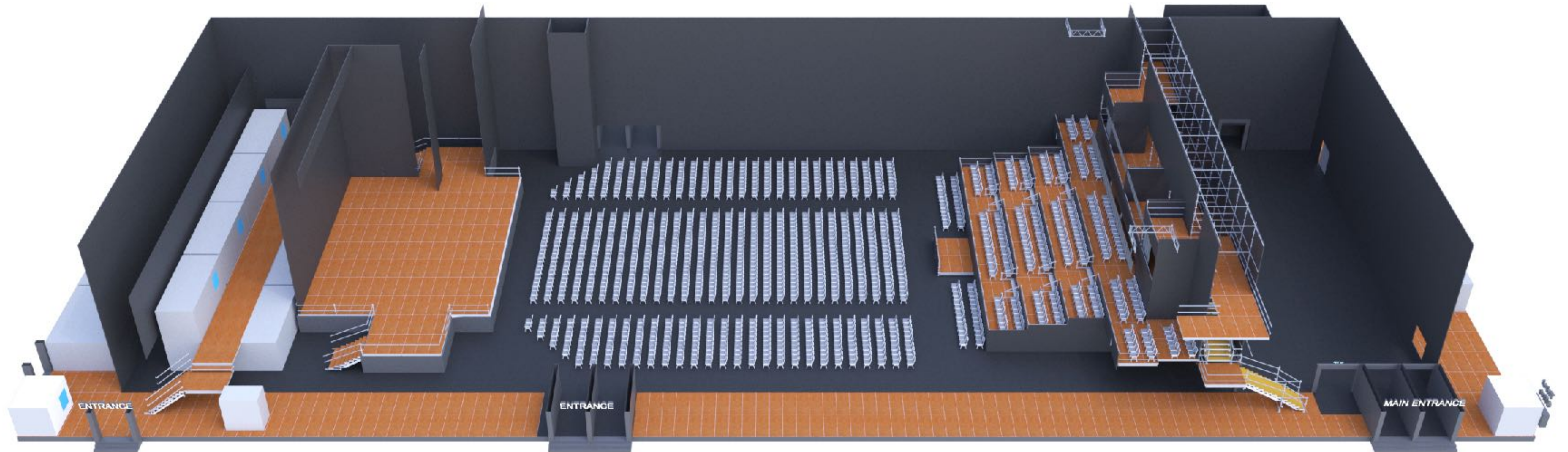


**CREATING VARIOUS ZONES FOR THE AUDIENCE  
STANDING, SEATING, VIP, FANS AND GUESTS**



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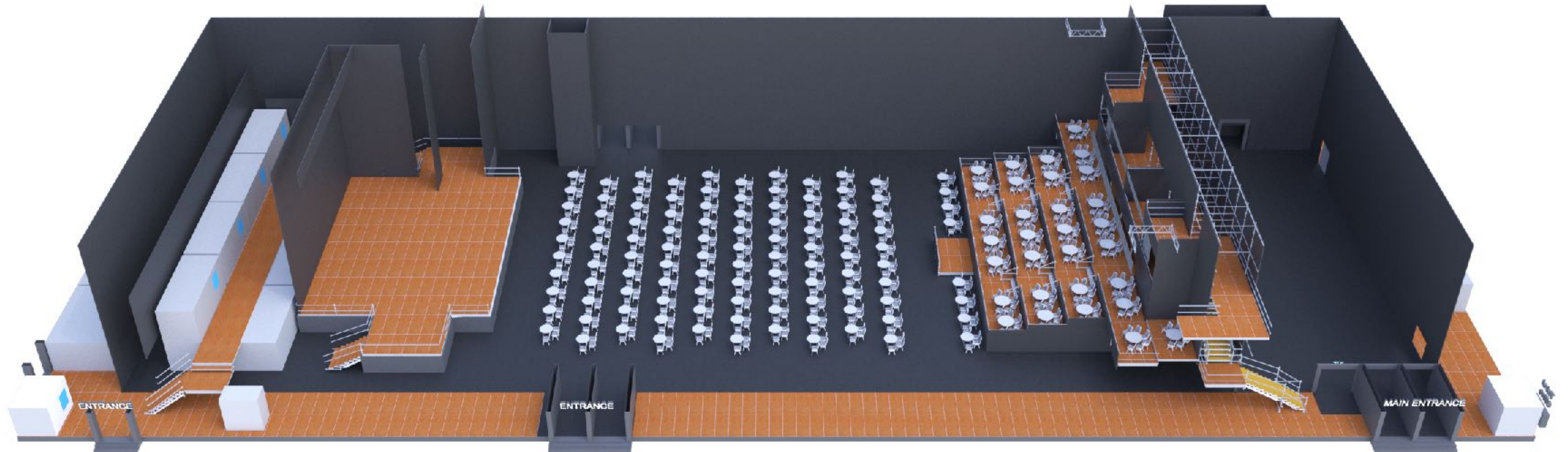


**CLASSICAL MUSIC, JAZZ, VARIOUS SHOWS  
PERFORMANCES, PLAYS AND THEATERS**



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**CELEBRATIONS, AWARDS AND CEREMONIES  
PRESENTATIONS, WEDDINGS, PRIVATE PARTIES**



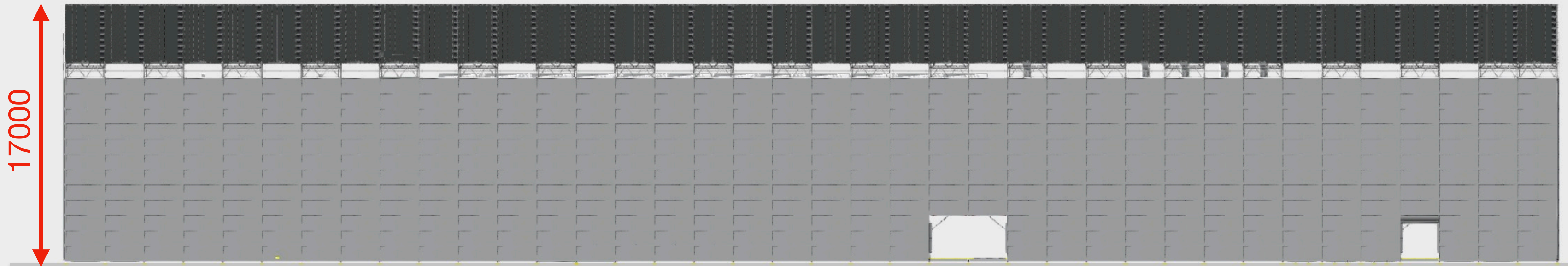
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## LONG SIDE VIEW

### WITH ROOF



### WITHOUT ROOF



98 500

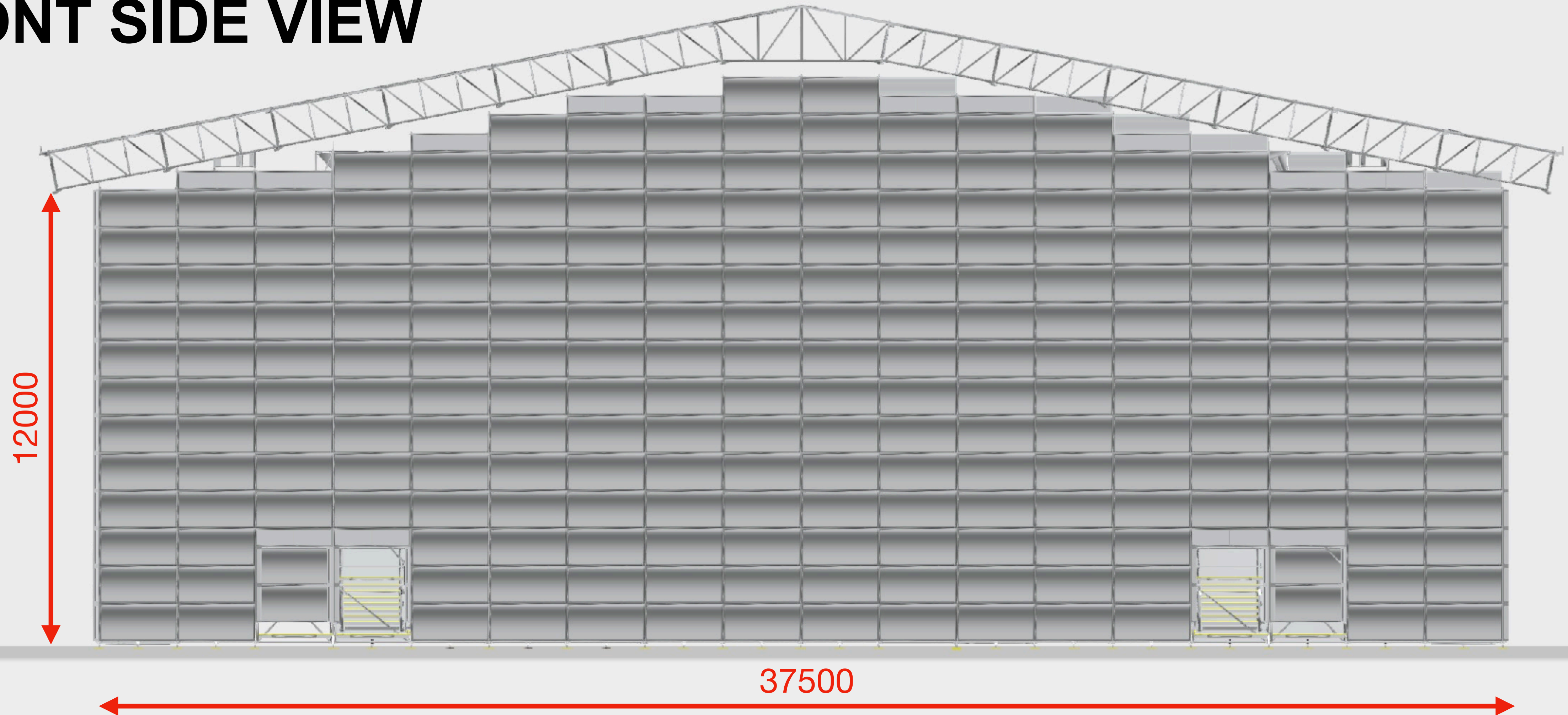




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# FRONT SIDE VIEW





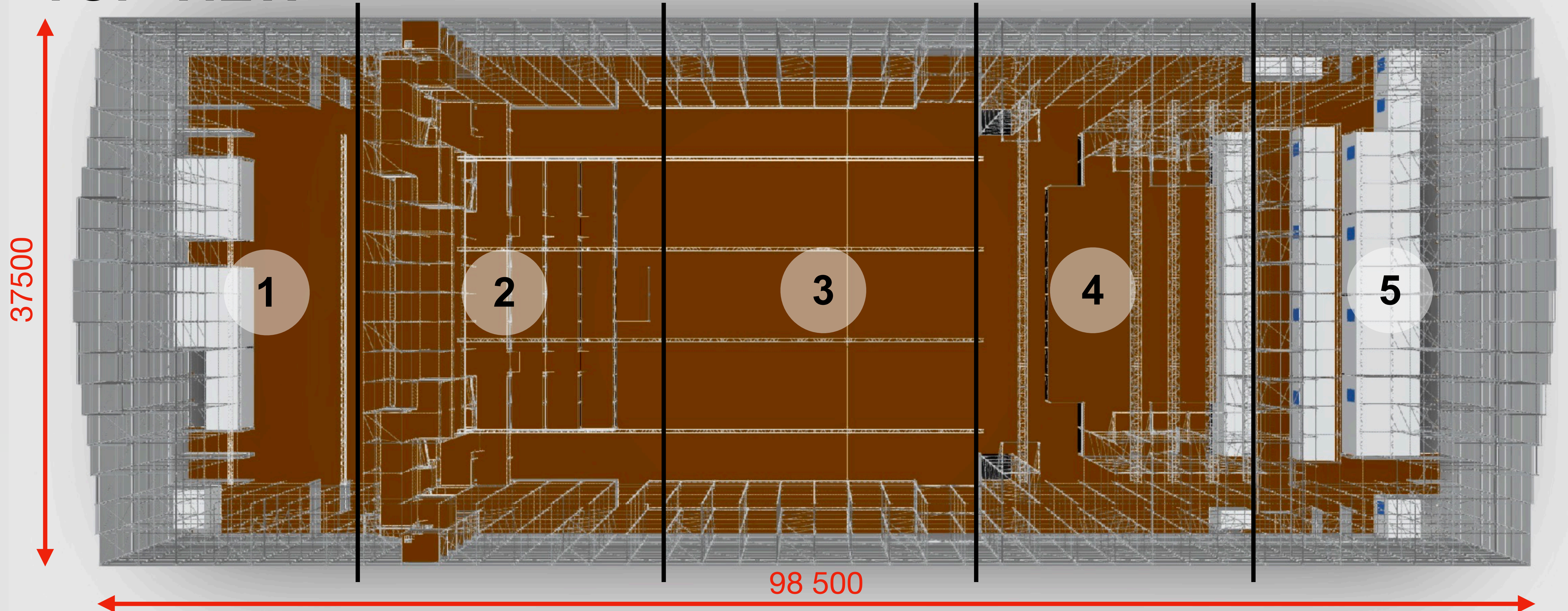
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# FLEXODROM

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## TOP VIEW

## WITHOUT ROOF





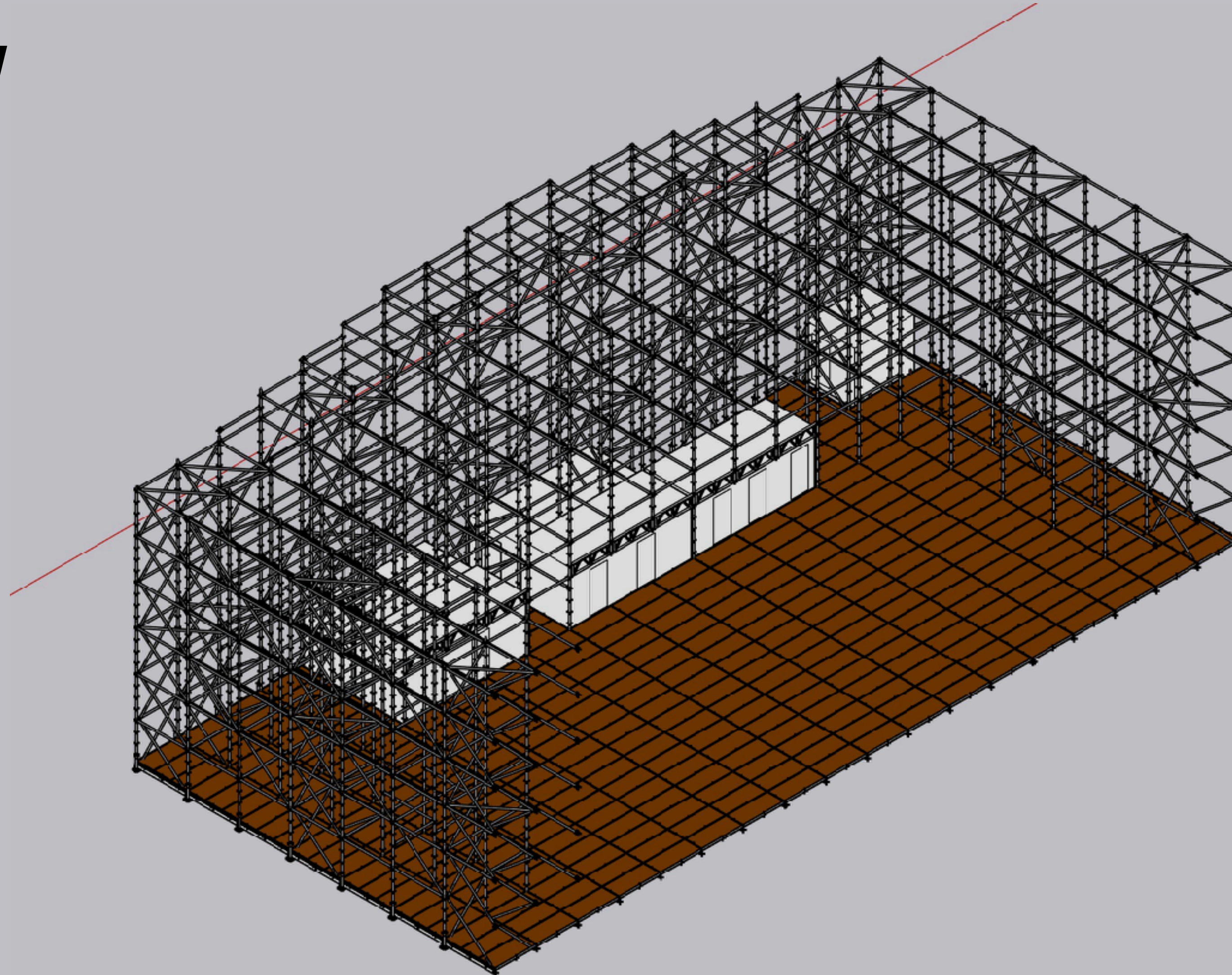
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**3D VIEW**

**ZONE ONE**

1

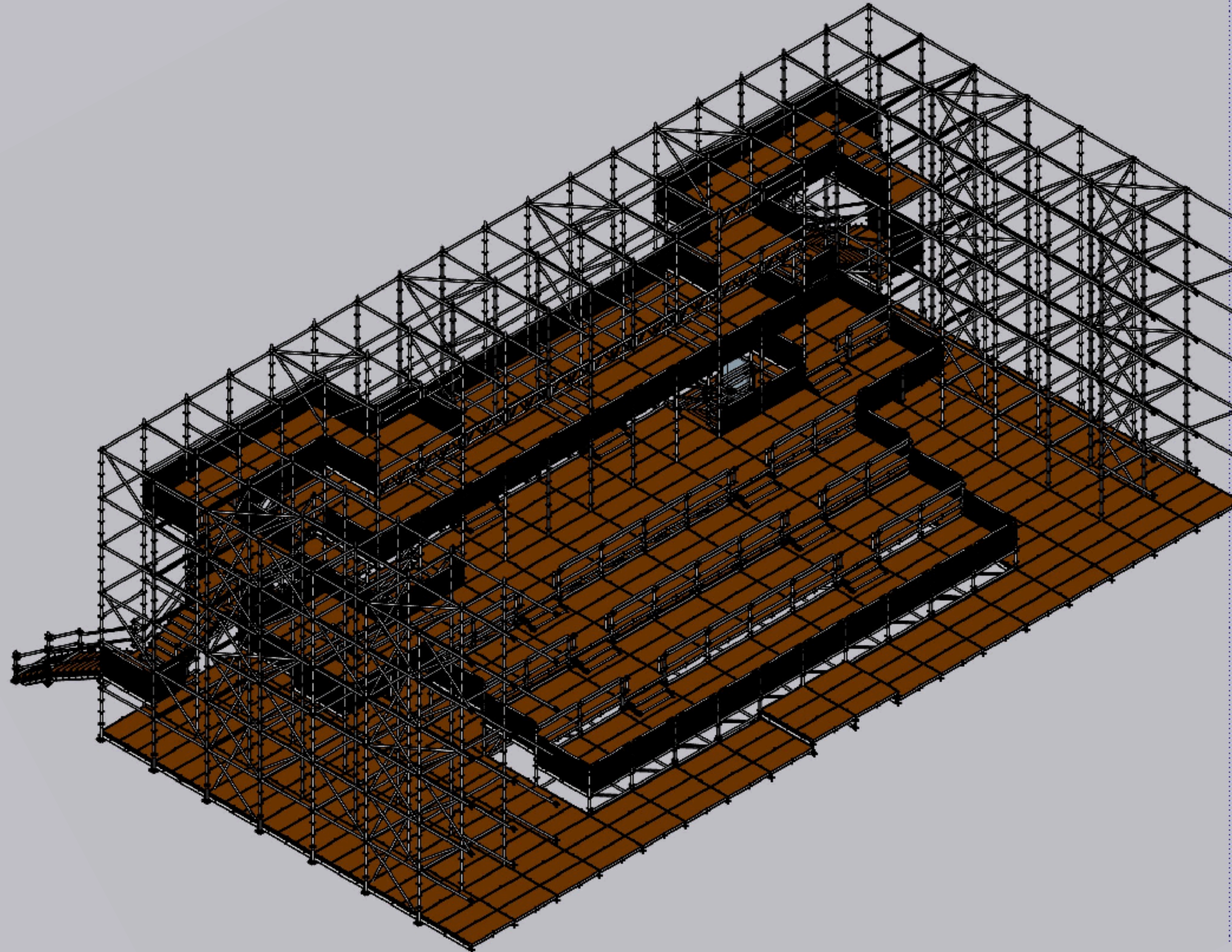




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**3D VIEW**



**ZONE TWO**

**2**





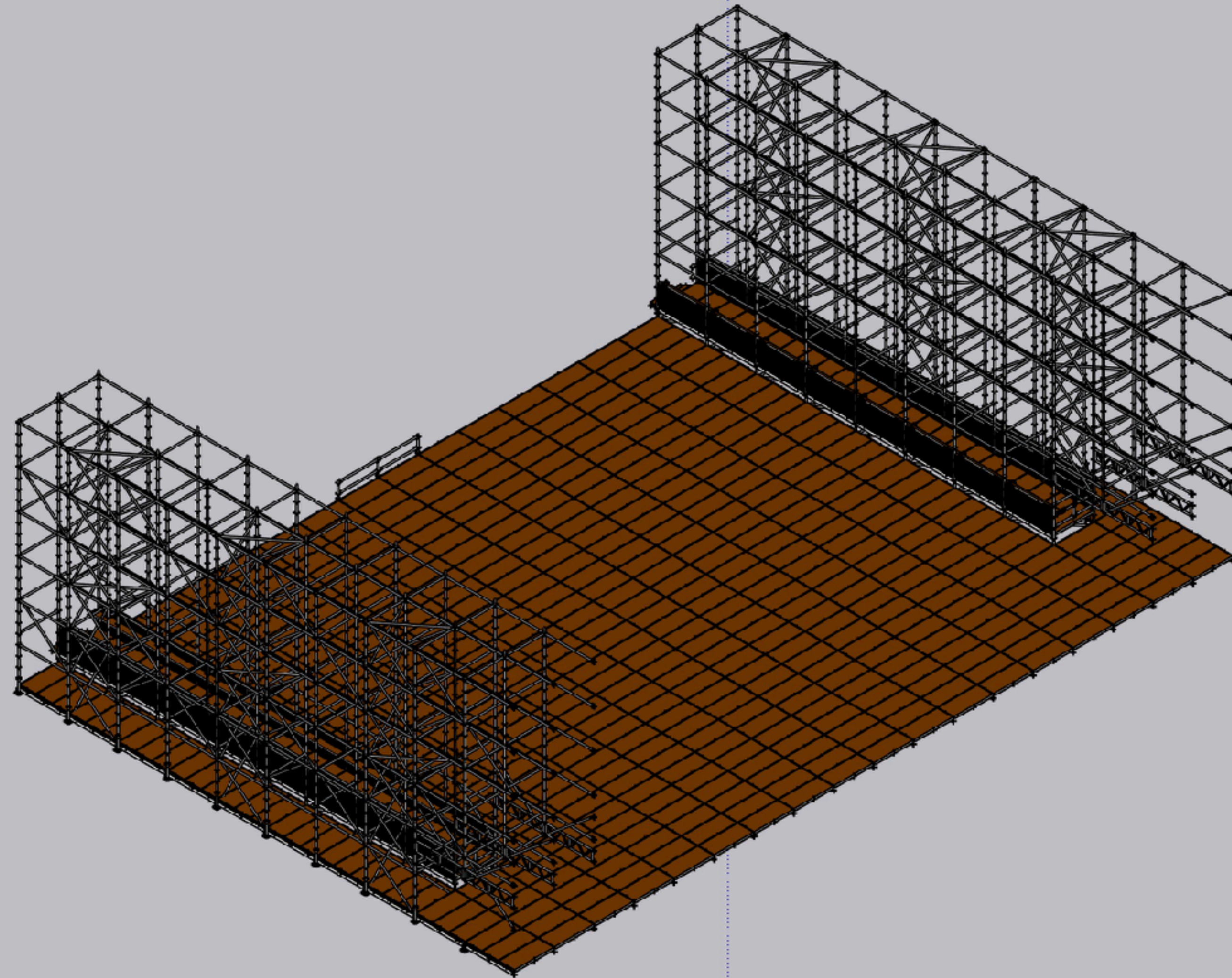
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**3D VIEW**

**ZONE THREE**

**3**

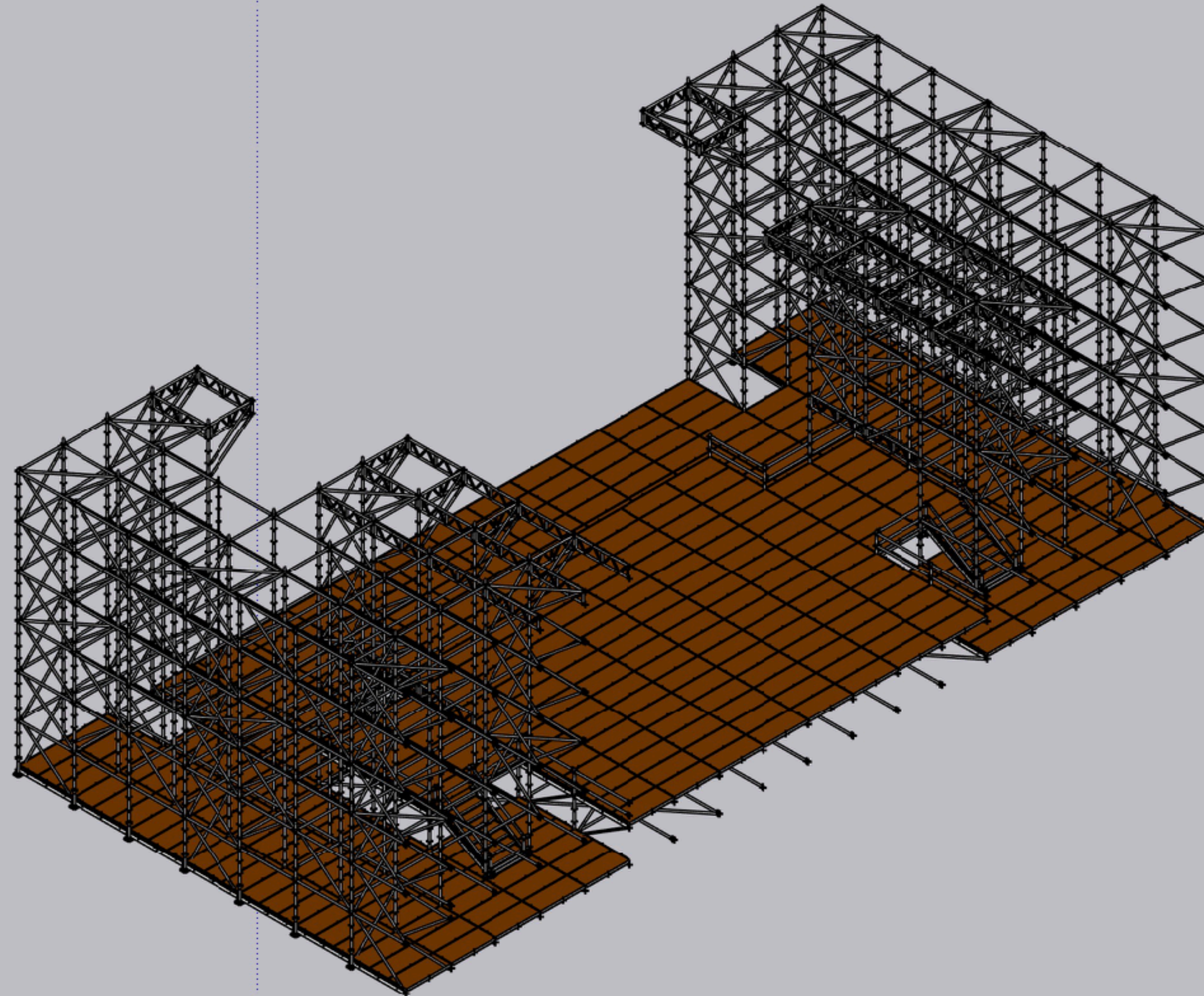




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**3D VIEW**



**ZONE FOUR**

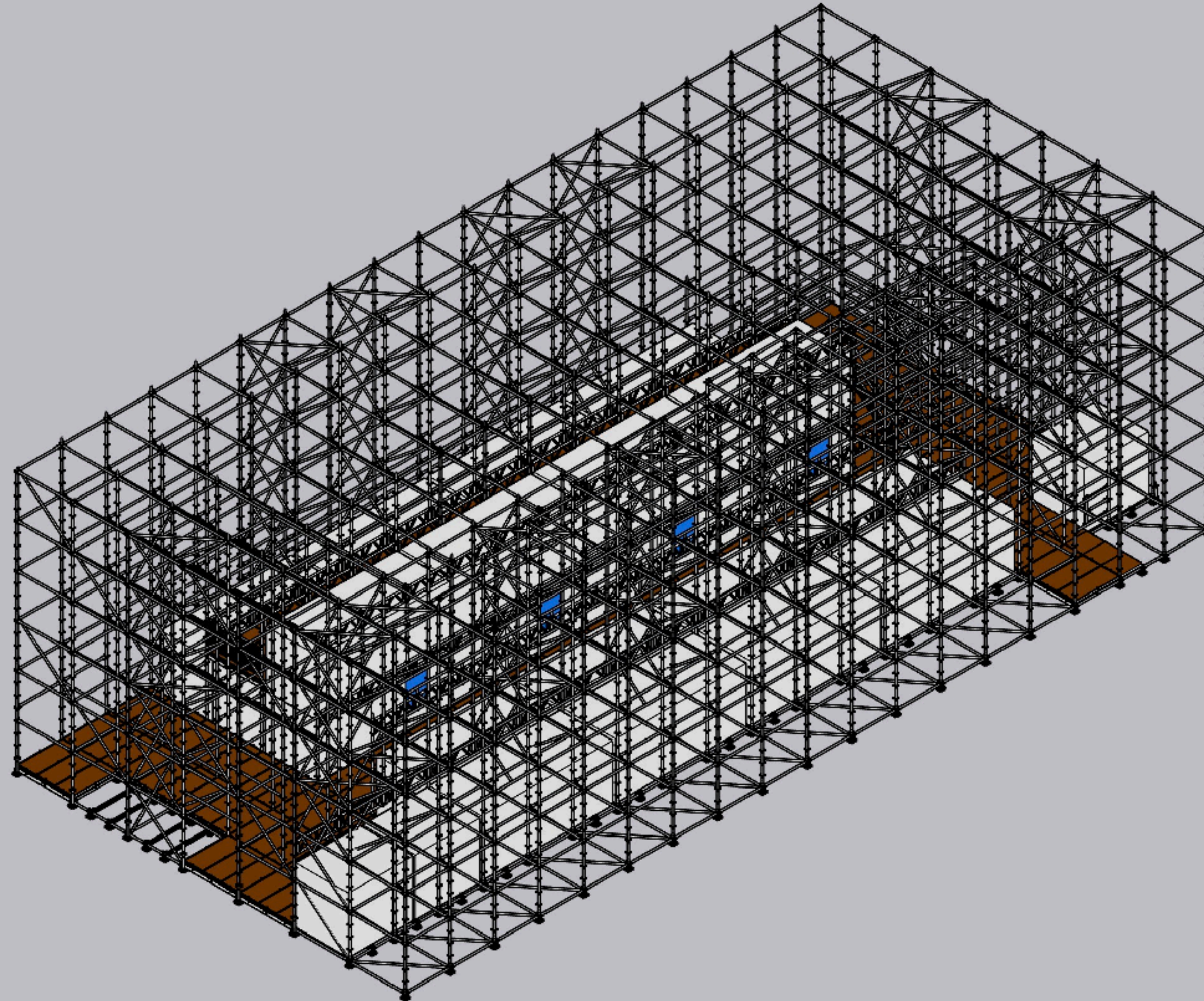
4



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**3D VIEW**



**ZONE FIFE**

**5**



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## DESCRIPTION

With the help of universal systems Layher, you can build a large structure in a short time with walls and a reliable roof. Internal filling is set individually: floor, stage, spectator stands (bleachers), seating area, dressing rooms, toilets, cloakroom, stage, backstage, partitions, make-up rooms, technical equipment (light, sound, video). Their configuration and location depends on the technical assignment of events. The dimensions of the structure can vary in height and length, both completely and sectionally.

Space inside can be used multifunctional and change as a transformer. Roof system has sufficient strength and load capacity according to European standards. The maximum span of load-bearing trusses of the roof can be up to 40 meters. This type of modular structure allows fastening almost anywhere in the space. Wall coverings can be any from various canopies (tarpaulins) to special wall panels - Layher Protect System or using other materials. Decoration and decoration depends on the artistic task and has no limitations. Lighting, water, sewerage, heating and air conditioning, is also set individually by the tasks of the project.

Similar types of structures have already been installed and successfully used in practice. This has been done many times by JSA and other companies as well. In this presentation we have presented one of the basic models of FLEXODROM designed on the basis of Layher systems / Layher Allround Scaffolding, Layher Event and Layher Protective. The size of this structure: length - 98.50 meters, width 37.50 meters, wall height - 12 meters, height in the middle at the ridge of the roof is about 17 meters, the basic width of the wall structure is 4 meters.

Two Layher systems can be used as a roof - the steel Cassette Roof and the aluminum-tarpaulin XXL Roof.

For a better view of the structure and understanding of the engineering of this building, see the 3D model at this link:

**FLEXODROM JSA BASIC LAYHER DESIGN (without roof) - <https://a360.co/403OWpM>**

If you do not have the AUTODESK platform, you can view this 3D model on Autodesk Viewer: <https://autode.sk/4gJnjcq>

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**THE NEXT STEP IN TEMPORARY BUILDING CONSTRUCTION**

**THANK YOU FOR YOUR ATTENTION!**