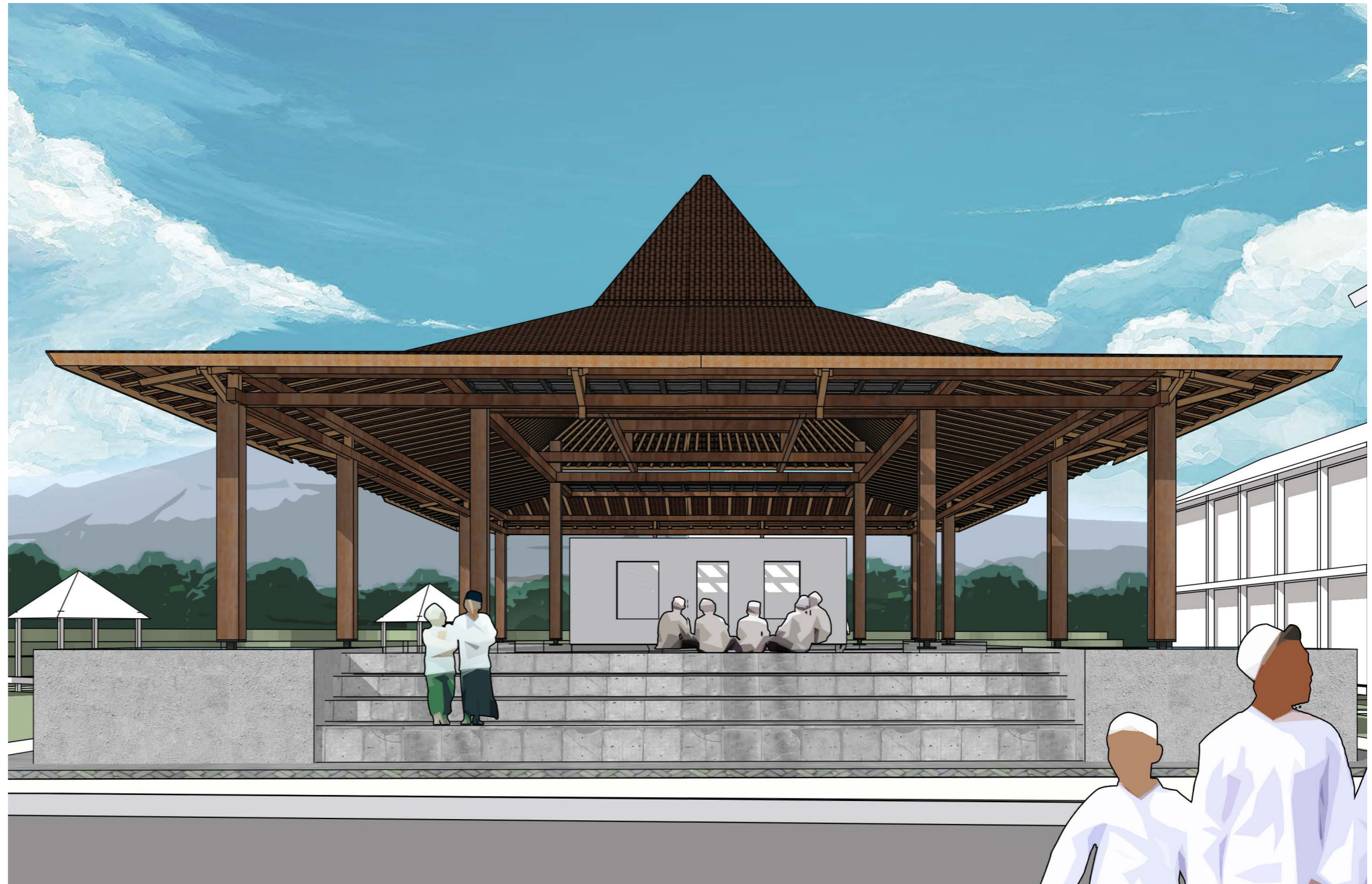


## PPMU PENDOPO

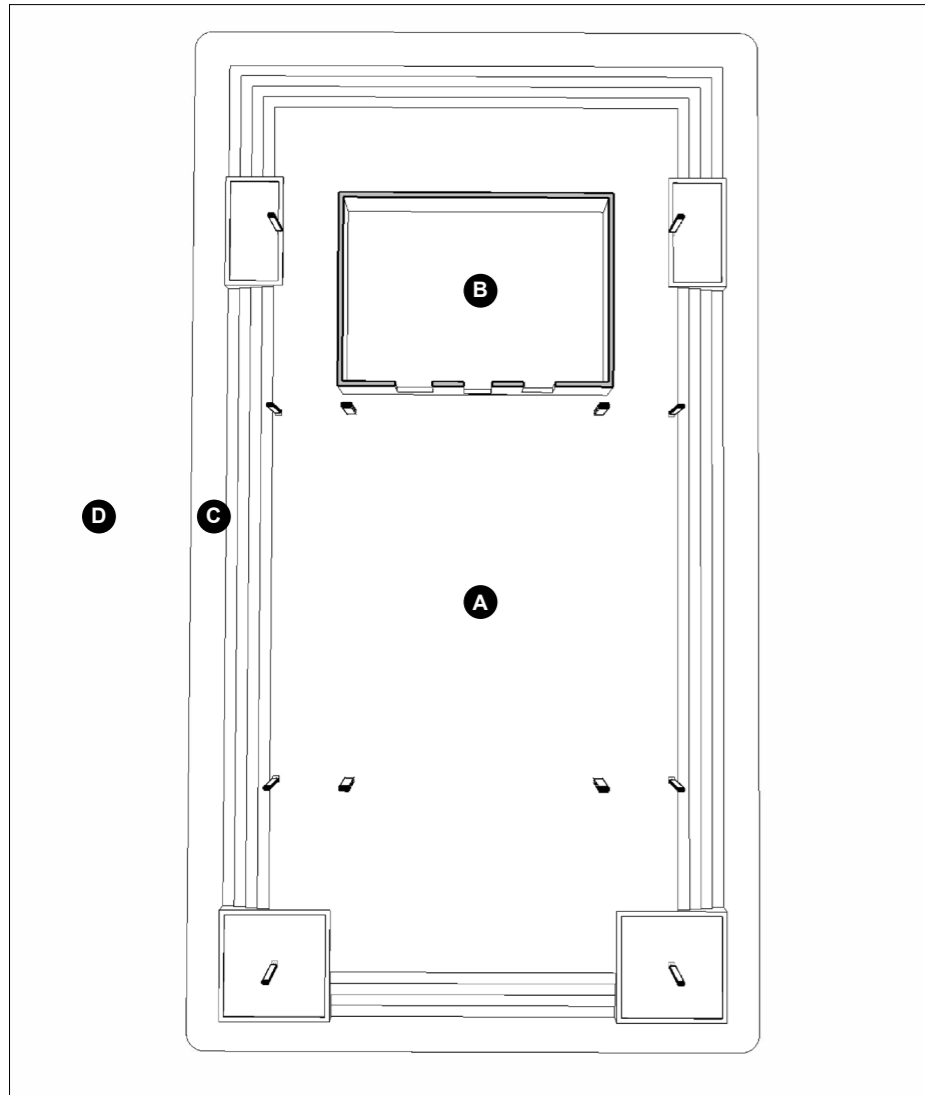
**Project Year** : 2021  
**Location** : Blitar, Indonesia  
**Project Type** : Built Project  
**Project Team** : Bayu Afif  
Fikri Izza  
Rahadito Baskara  
Zulfikar Ibrahim

**Short Desc.** : The open-air shelter at Blitar, East Java, is an accommodating area capable of holding religious gatherings and other events with up to hundreds of participants. It is situated within an Islamic boarding school, with the designated site being the ruins of an old house of a descendent of the school's founder. A massive roof defines the space which is reminiscent of a Javanese pendopo structure. The steel structure supports the roof and reduces the columns needed, opening up the space below. Tempered glass skylights are fitted to let in natural light. The space is also fitted with steps and ramps, allowing anyone to access it.

**Tags** : *Blitar, Open-air shelter, Multi-function, Heritage, Javanese pendopo*



**DESIGN  
OVERVIEW**

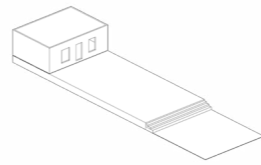


**ELEVATION**

- |                    |                    |                    |
|--------------------|--------------------|--------------------|
| <b>A</b> FFL +0.00 | <b>C</b> FFL -0.75 | <b>C</b> FFL -0.75 |
| <b>B</b> FFL +0.30 | <b>D</b> FFL -0.85 | <b>D</b> FFL -0.85 |

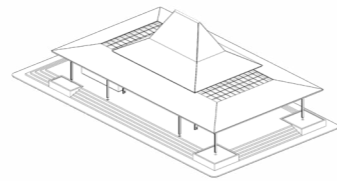
**DESIGN  
TRANSFORMATION**

ground floor axonometry



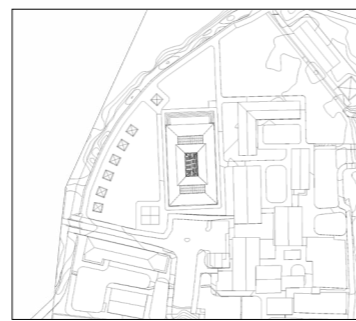
the zoning area are divided into 3 part; gray :private, red:public, yellow:semiprivate

building axonometry

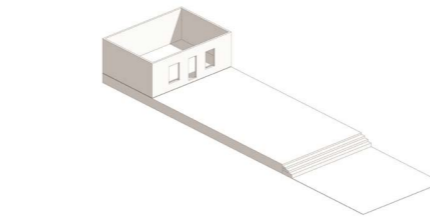


the ciorulcation system divided into 2 part; red: main looping access and yellow: service one

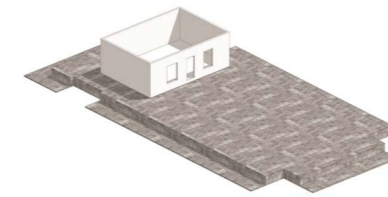
site axonometry



overall look of the building is not change from the existing one.



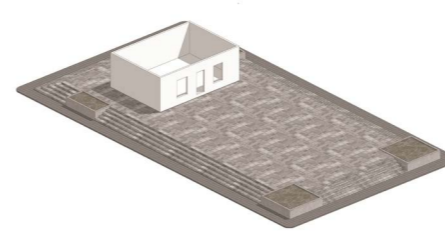
existing situation



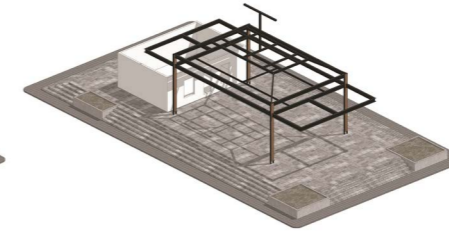
platform structure



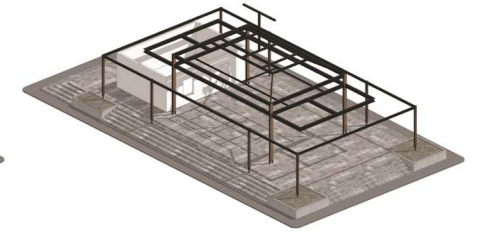
ponds addition



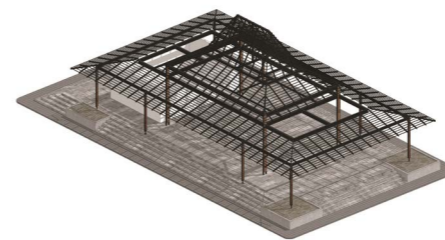
staircase addition



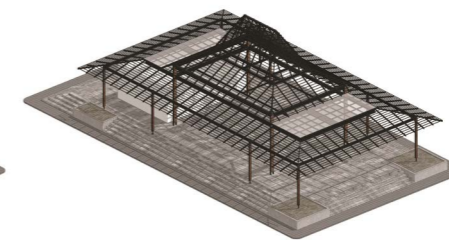
main structure



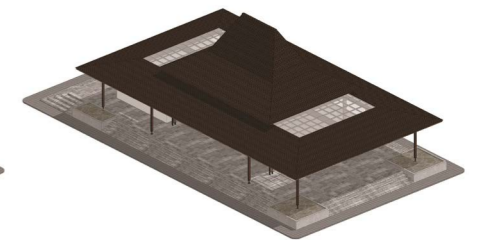
perimeter structure



roofing structure



skylight added



full building



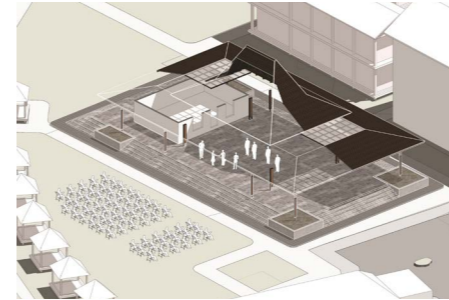
ATTACHMENT



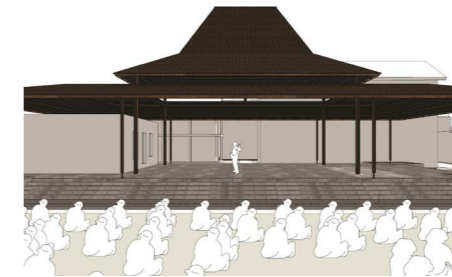
how the building placed inside the exist-  
ing ruins



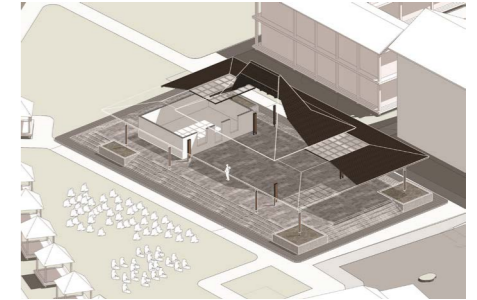
a woman walk from preserved room



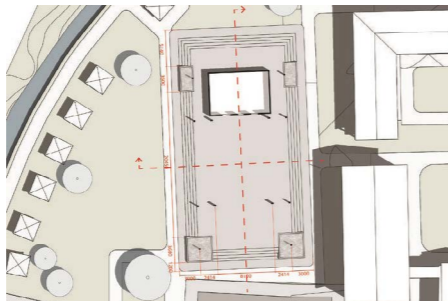
relation between context, dry landscape,  
and the building on main entrance



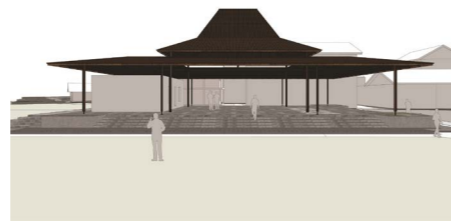
expanded metal allows natural light and  
airflow to go through to the soil while still  
able to functioned as a rigid platform



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building experience at night



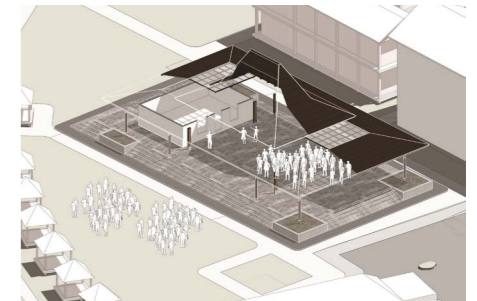
lighting experience at night



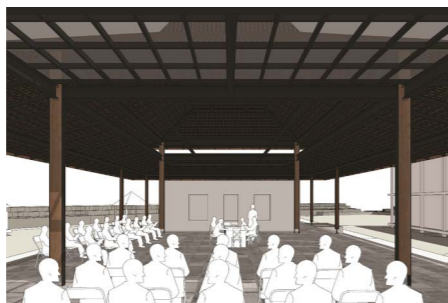
contrast between the old and new



detachable chair while installed to pro-  
vide sitting and chit-chat-ing activities



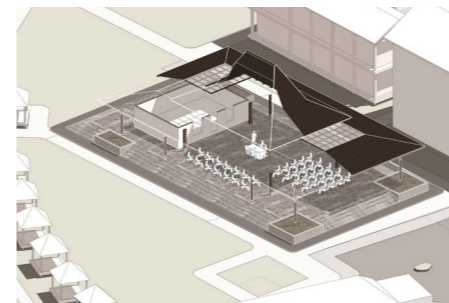
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the other side of the building, shows how  
the building inserted inside the existing  
ruins.



the other side of the building, shows how  
the building inserted inside the existing  
ruins.



custom panel is used as the flooring ele-  
ment to allow the grape gardener to take  
care of the grape trees more easily.



detached joint for lighting system



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