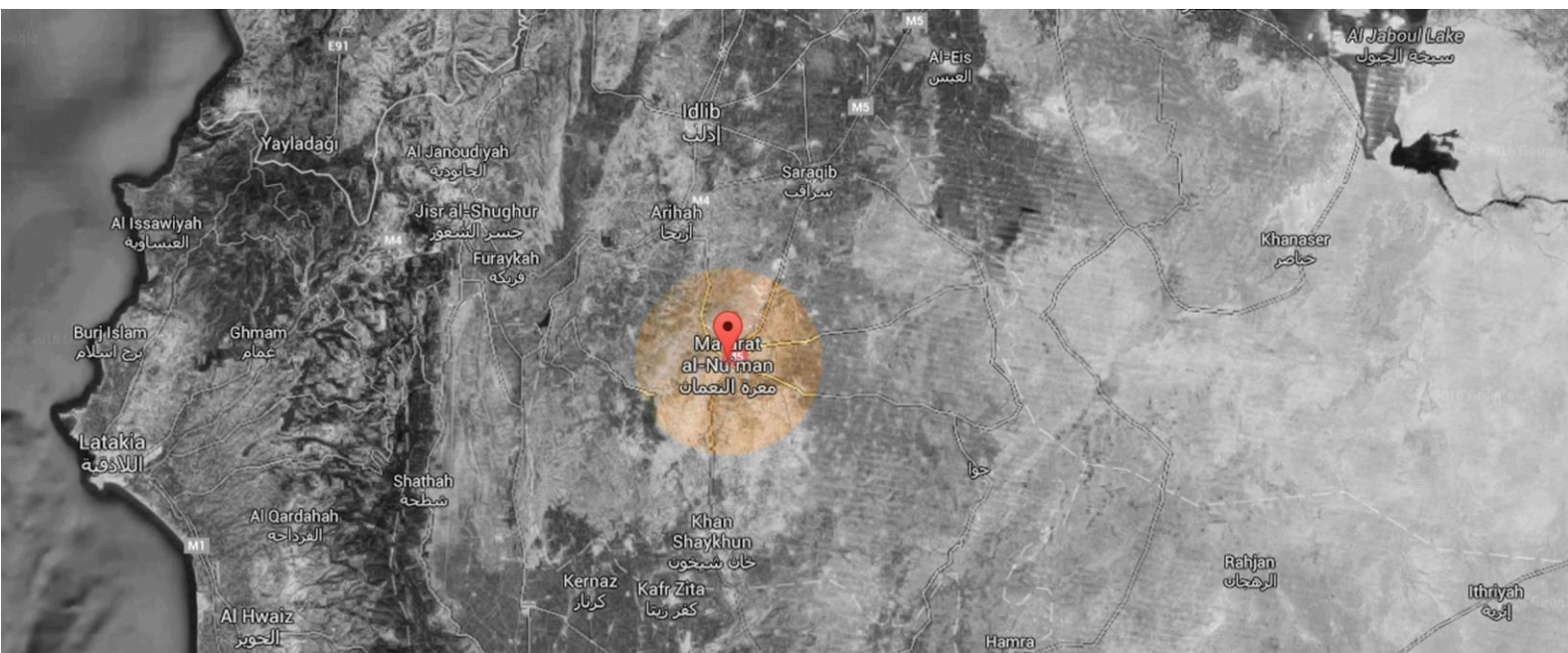


## The Day After Heritage Protection Initiative

### Site Monitors Project

#### Emergency Intervention: Reinforcing the North Wall and Repairing Damage to the Roof at Ma'arrat al-Numan Museum

15<sup>th</sup> October 2018



**Project title:** Emergency intervention at Ma'arrat al-Numan Museum to reinforce the northern wall and repair damage to the roof and walls exposed to the elements.

**Location:** Ma'arrat al-Numan Museum in Ma'arrat al-Numan, Idlib governorate

**Contractor:** Cultural Heritage Center

**Start date:** October 15<sup>th</sup>, 2018

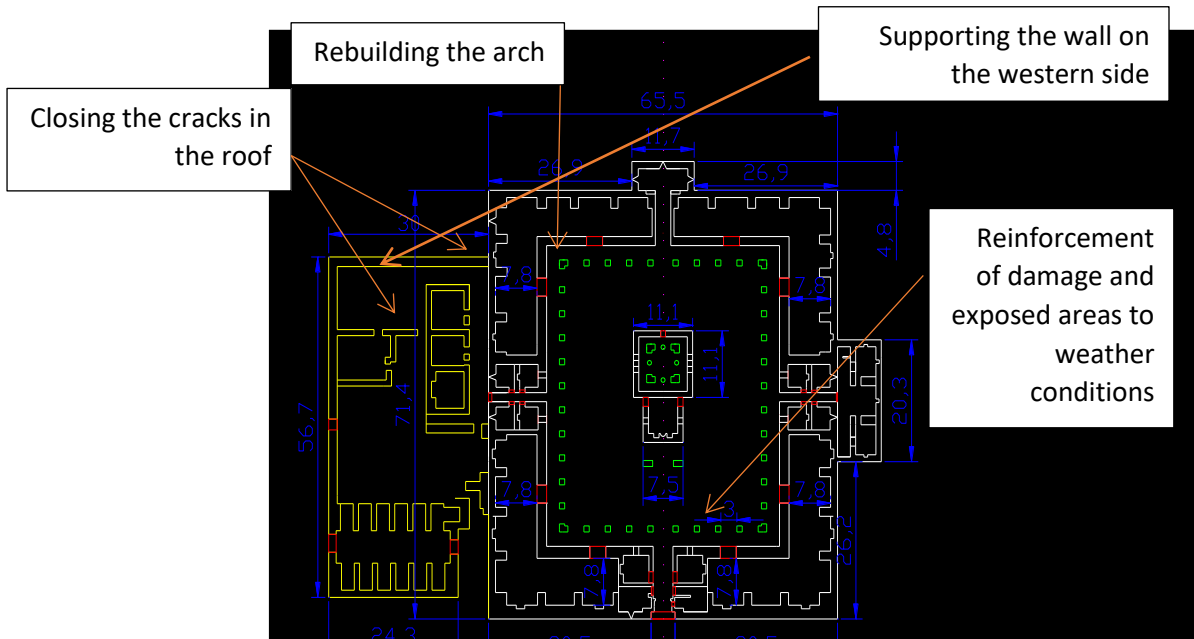
**End date:** December 15<sup>th</sup> 2018

**Project duration:** Eight weeks only

An air strike targeted Ma'arrat al-Numan Museum (Murad Pasha Caravanseray) with two thermobaric missiles causing significant damage to the structure.

The north wall collapsed, and the top of the wall was displaced by 20 cm. Some stone masonry fell off and cracks appeared in the ceiling. Previously reinforced sections of the structure collapsed as well, leaving those parts of the structure largely exposed to the elements which called for an emergency intervention to prevent further damage.

- 1- Proper documentation of damaged areas, the creation of topography maps, and documentation of the work flow with photos and videos.
- 2- Collect, sort, and move the rocks from the north side to inside of the museum in order to preserve them.
- 3- Begin reinforcement work on the wall that collapsed on the north side and was displaced by 20cm by plastering and filling cracks in with regular mortar
- 4- Seal all cracks in the ceiling to prevent water seepage into the museum.
- 5- Apply sealant after buffing the cracks.
- 6- Reinforce exposed areas of the wall.
- 7- Reinforce cracks with regular mortar pointing.
- 8- Finish building the wall in the hallway to the lavatories



Reinforcing the wall from the north side















The work of supporting the arch within the corridor leading to the toilets









closing the roof cracks are the most exposed to the weather





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