

# CASE STUDY CONSTRUCTION

## CONSTRUCTION DOME NORTHERN SWEDEN



**APPLICATION:**.....**CONSTRUCTION**  
**SIZE:**.....**120' x 120' x 57.5' (14,400sf)**  
**FEATURES:**.....**TRANSLUCENT FABRIC**  
**INVERSE VEHICLE AIRLOCK**  
**CATENARY ANCHORAGE SYSTEM**  
**STRUCTURE CAN BE MOVED TO DIFFERENT JOB-SITES**

A Swedish general contractor worked with Arizon to design and install a mobile air-supported dome to allow it to continue concrete and other site preparation work throughout the harsh winter.

The dome is designed with several unique features including a taller profile to allow for cranes and other tall construction equipment, a vehicle airlock to bring large equipment into the space, and a concrete block anchorage system that will allow the contractor to dismantle the building and re-install at an adjacent site when work is completed on each building.

By performing site prep work under the protection of the dome, the contractor will be able to work year-round despite difficult winter conditions and will finish the project ahead of schedule.



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