





THE UNIVERSITY
of EDINBURGH

Institute of Immunology and Infection Research / Ashworth Laboratories

Mars Desert Research Station



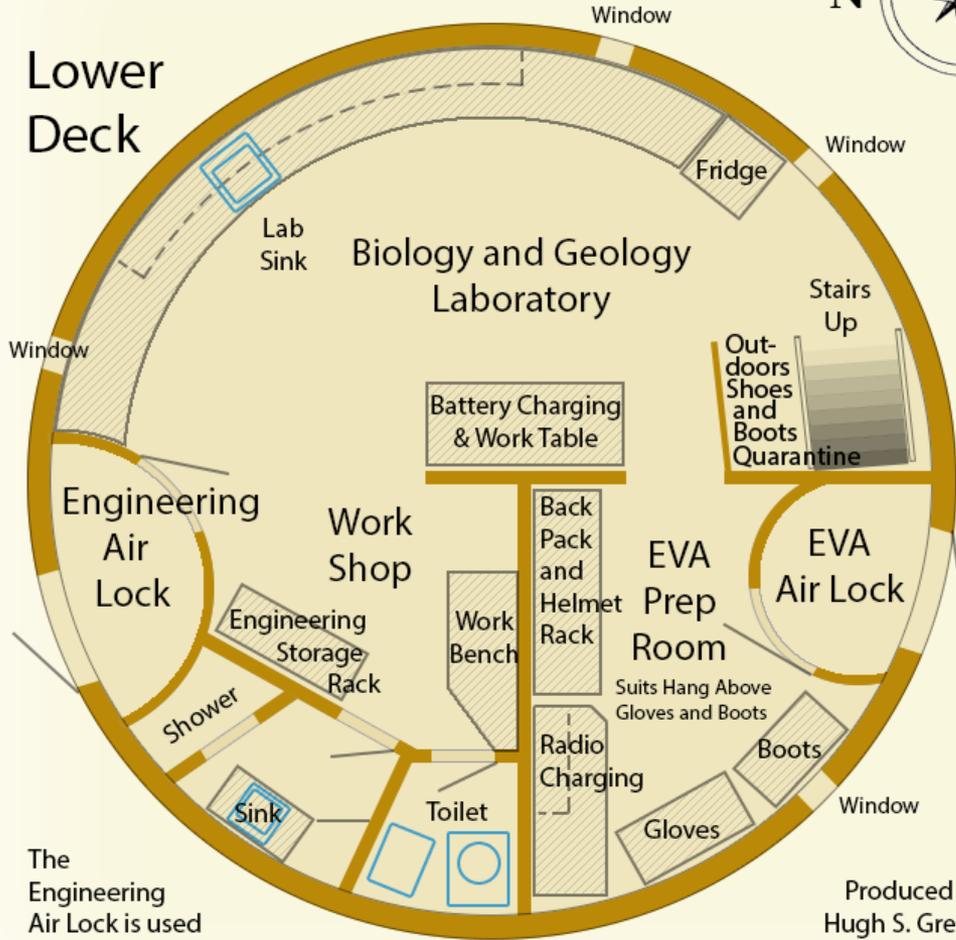
The Mars Society's Mars Desert Research Station (MDRS) in Utah.

MDRS Habitat Floor Plan

Diameter: 8 meters or 26 feet



Lower Deck



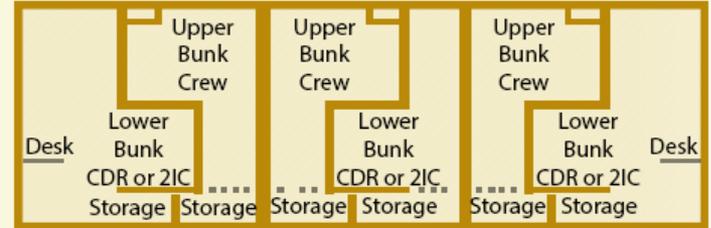
The Engineering Air Lock is used for "out of sim" events such as refuelingsGenerators or ATVs.

Produced by
Hugh S. Gregory
Spaceflight Historian
MDRS Document Editor

Upper Deck Sleeping Area Cut Away

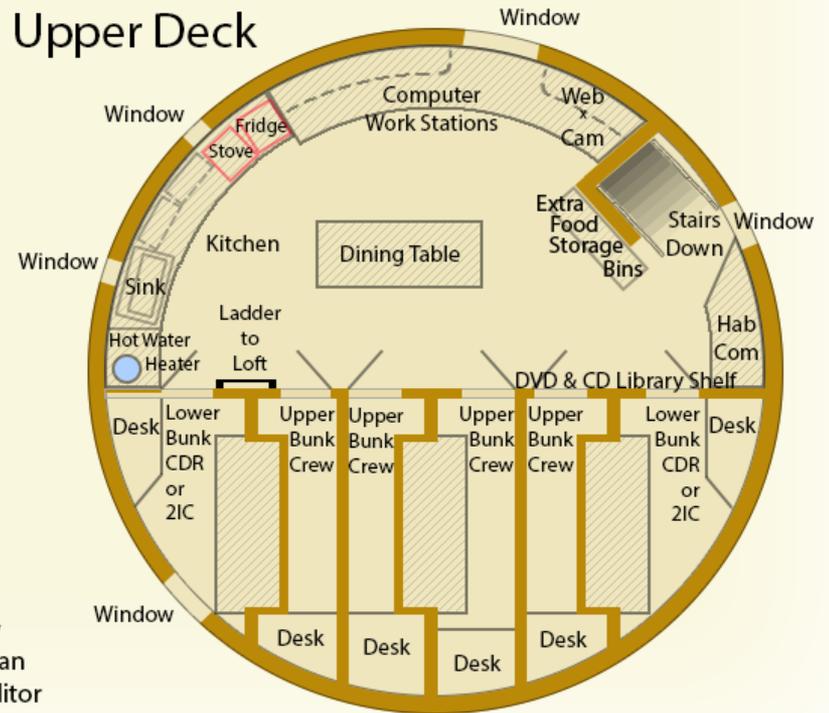
Upper Bunk Rooms Have A 14" Raised Deck Starting 6 Feet Inside Door To Form Their Storage Space

Head Room
In Beds:
32" Upper
39" Lower



All Rooms Have Desk With 120V/60Hz Electrical Power Outlet

Upper Deck





Raceway pond of algae



Raceway pond of algae



Typical artificial landscape for palm trees in the Kharga Oasis



Typical landscape irrigation in the Kharga Oasis



Typical landscape irrigation in the Lybian Sahara



Typical landscape irrigation in the Lybian Sahara



Unsuccessful landscape irrigation in the Kharga Oasis



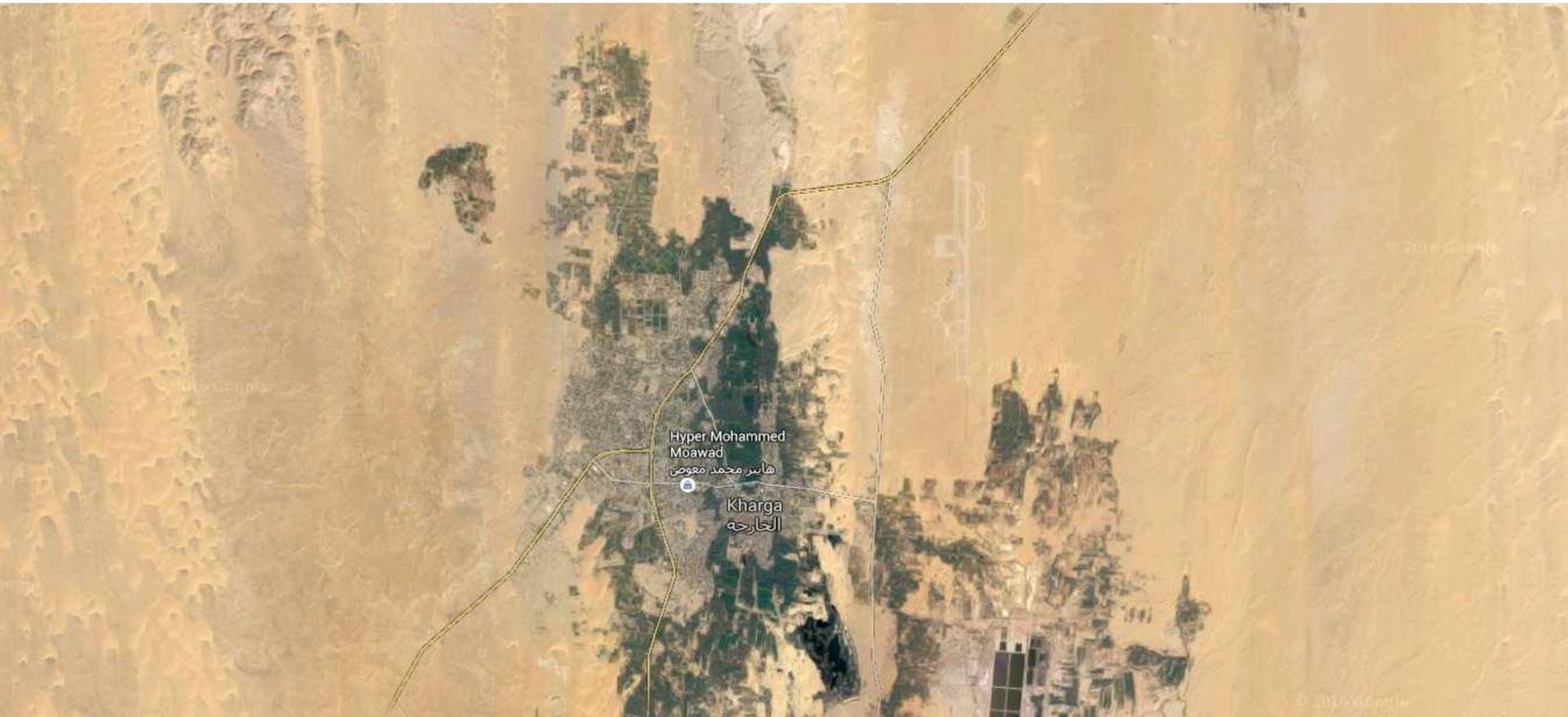
Typical landscape irrigation in the Kharga Oasis



Satellite view of Egypt



Satellite view of the Kharga Oasis and part of the Nile Valley



Satellite view of North Kharga



Satellite view of North Kharga



Satellite view of the project site



Satellite view of the project site



Satellite view of the project site



Environment of the site



Environment of the project site – the Kharga Airport



Environment of the site



Environment of the site



Environment of the site

