

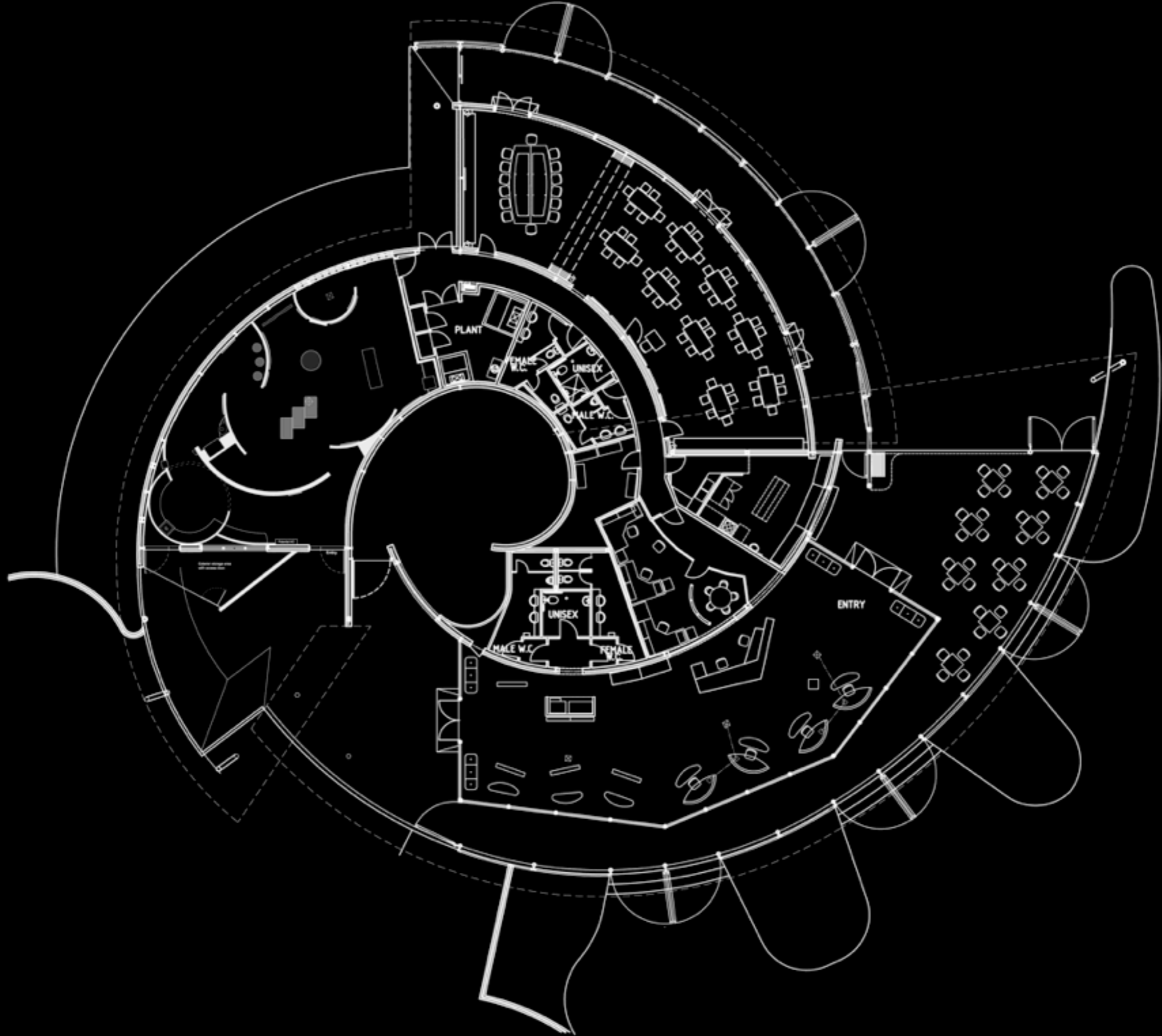
# Hemispherical dome adventures

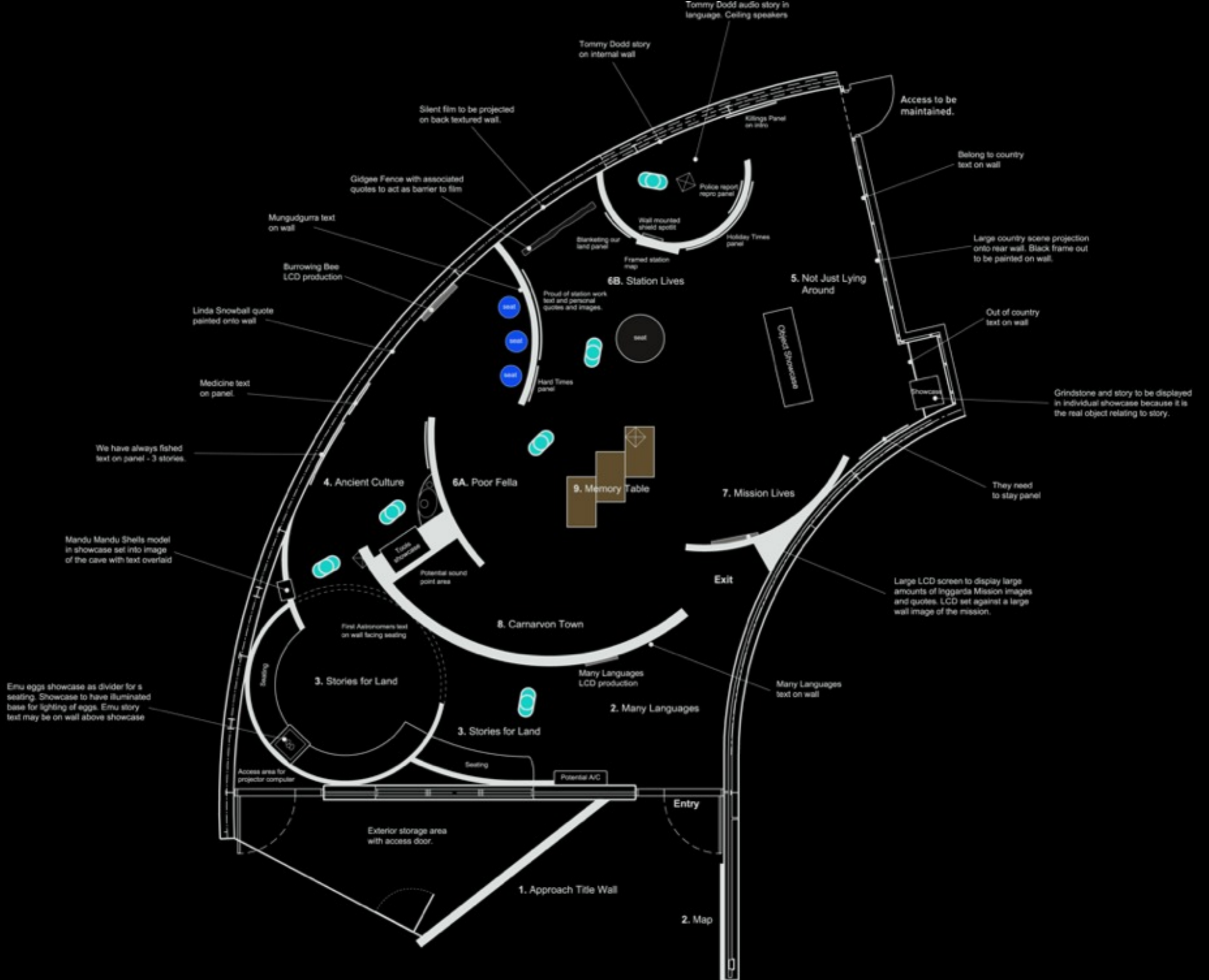
Peter Morse & Paul Bourke

Gascoyne Aboriginal Heritage and Culture Centre  
&  
“Dark”









LIGHTING IN AREAS OUTSIDE OF THE DOME ROOM WILL BE VERY LOW TO HELP PREVENT AMBIENT LIGHT FILTERING INTO THE DOME ROOM.

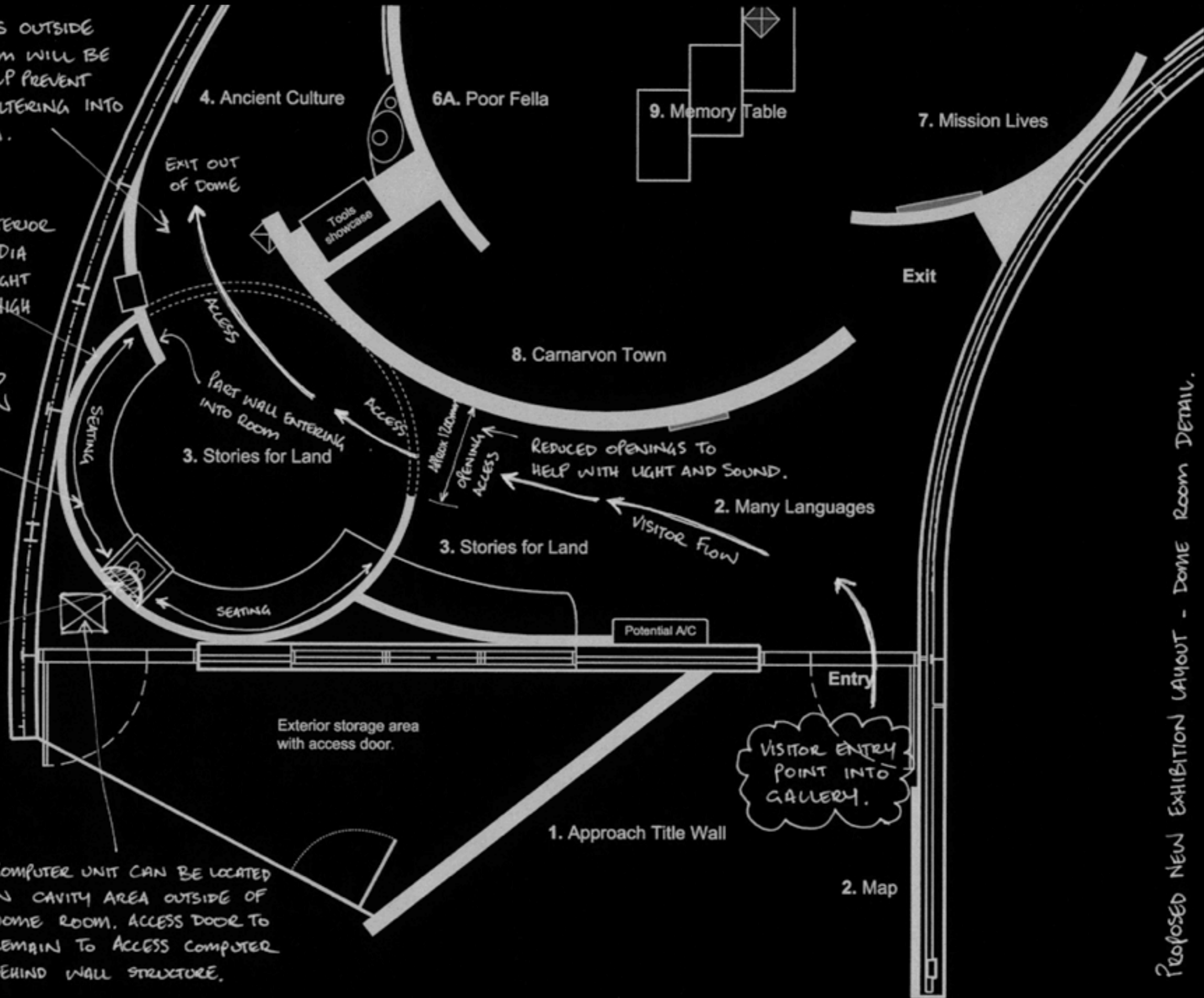
PLASTERBOARD INTERIOR WALLS OF 4m DIA ROOM. WALL HEIGHT APPROX 2400mm HIGH

WALLS MAY BE PADDED IN THE BACK SECTION TO FORM PART OF SEATING AND ASSIST WITH ACOUSTICS

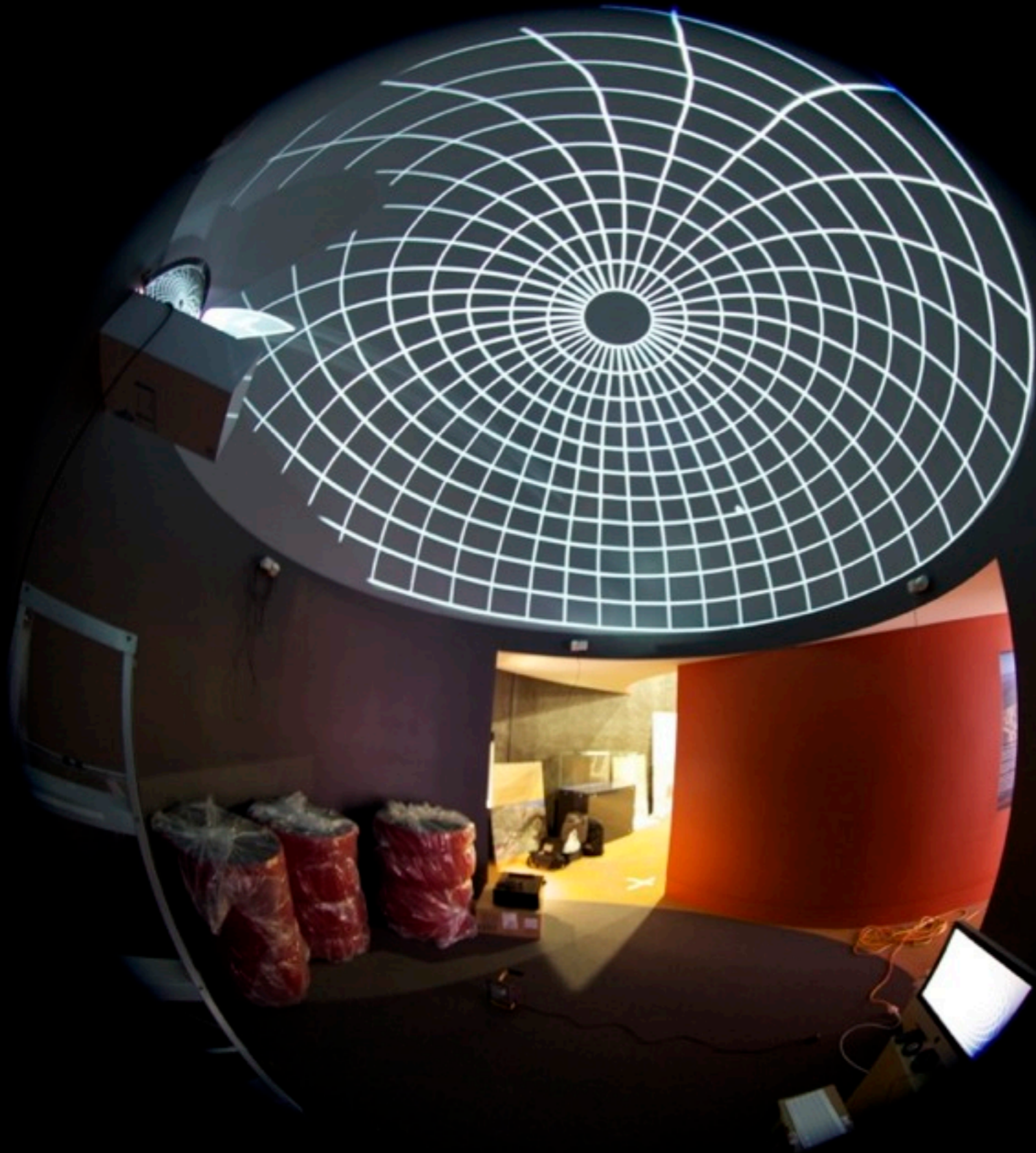
PLASTERBOARD WALLS TO ALSO BE INSULATED TO ASSIST WITH ACOUSTICS.

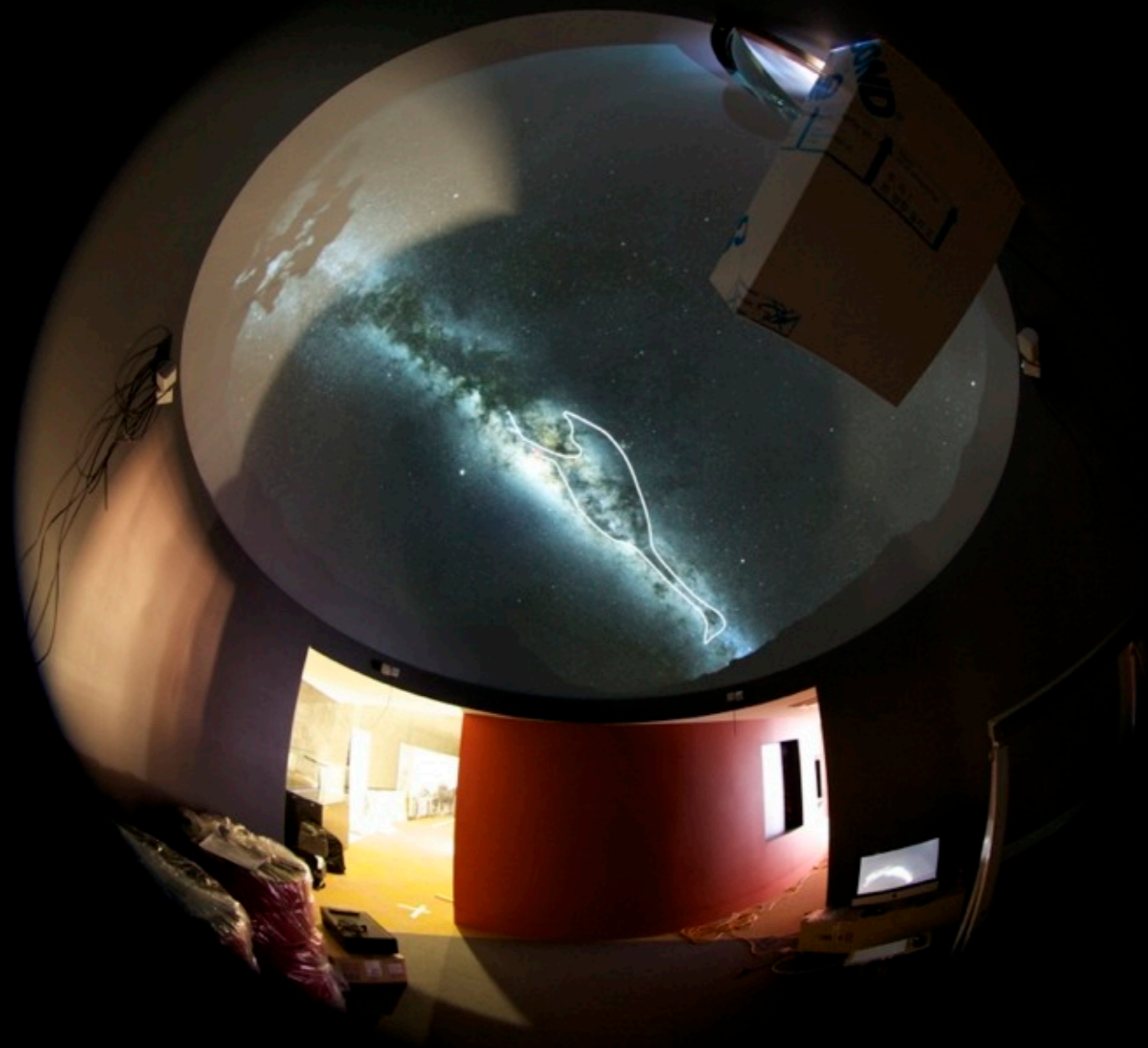
MIRROR AND PROJECTOR TO BE MOUNTED AT REAR ABOVE SEATING AREA.

COMPUTER UNIT CAN BE LOCATED IN CAVITY AREA OUTSIDE OF DOME ROOM. ACCESS DOOR TO REMAIN TO ACCESS COMPUTER BEHIND WALL STRUCTURE.



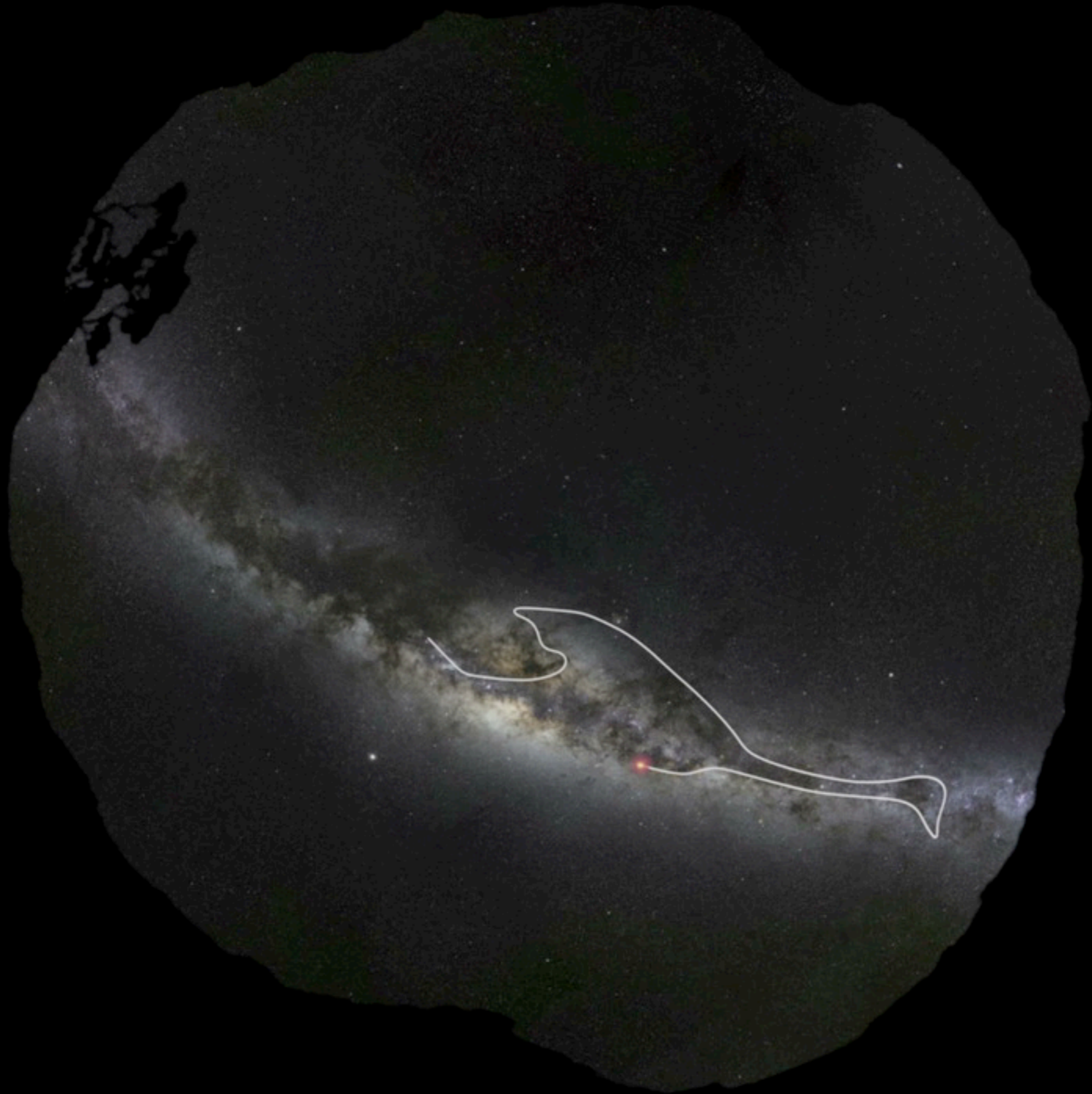
PROPOSED NEW EXHIBITION LAYOUT - DOME ROOM DETAIL.

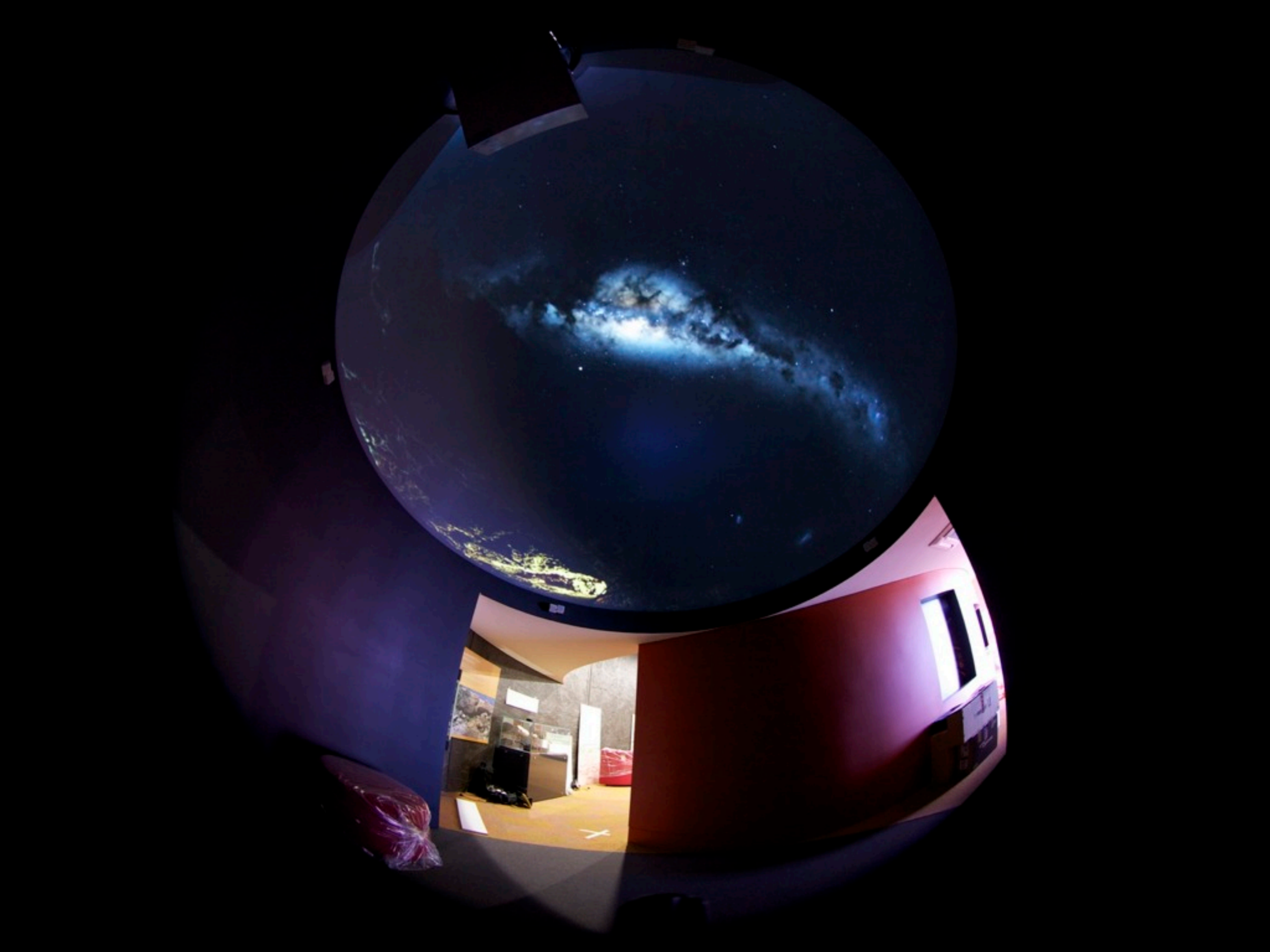






[movie]





[movie]





# Also the home to the only life raft from the Kormoran



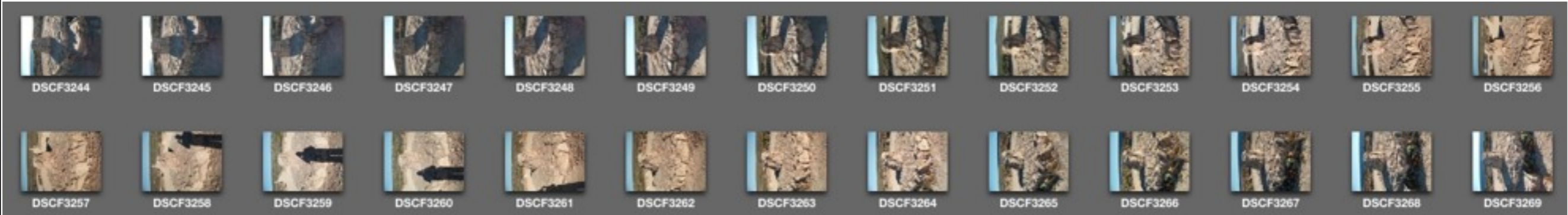
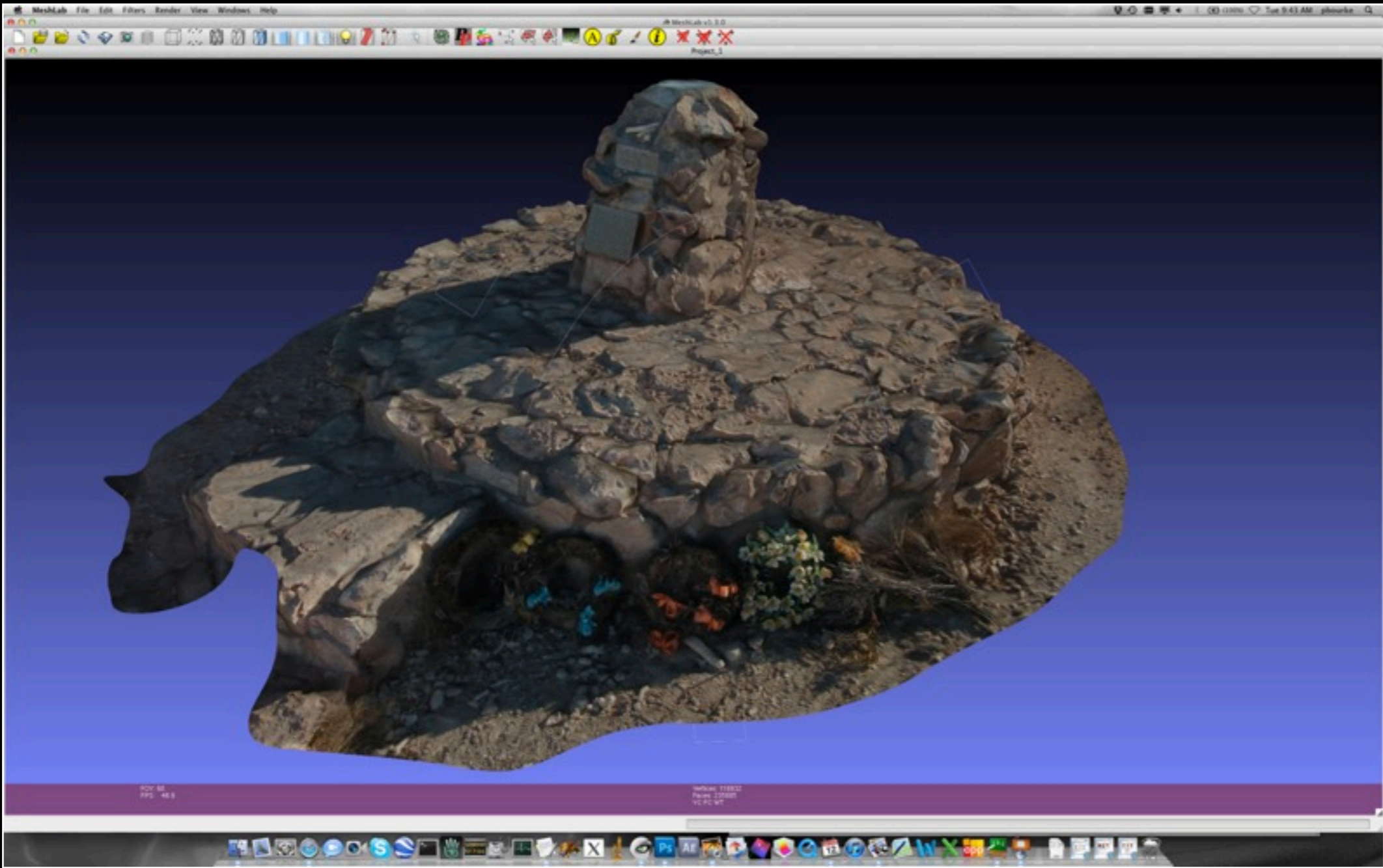
Project with Andrew Hutchinson and Andrew Woods (Curtin University)



These details are all that is known of the sea battle ...



# 3D Reconstruction (Demonstration)





# A tough trip





VH-XUB

Skippers

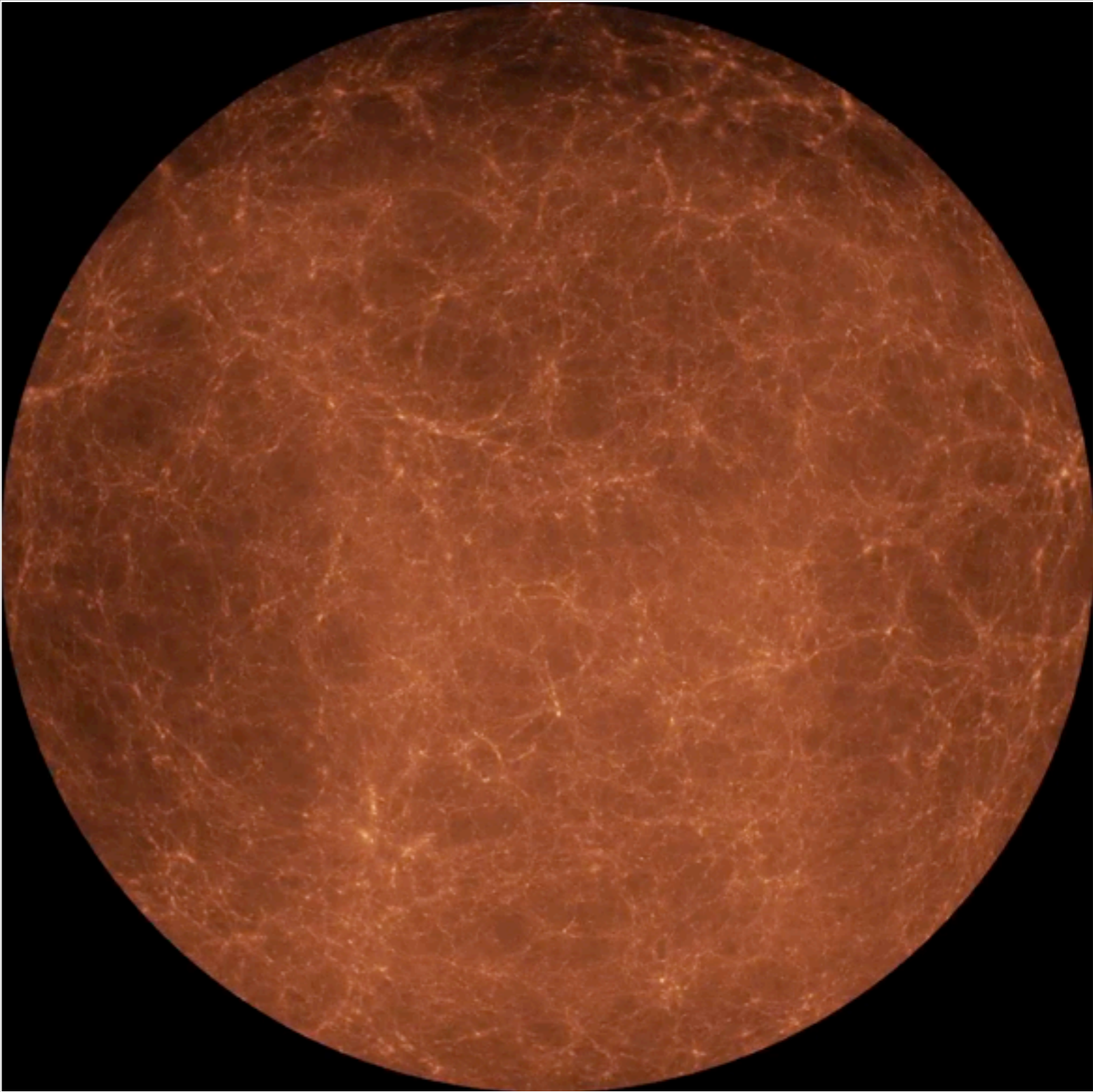
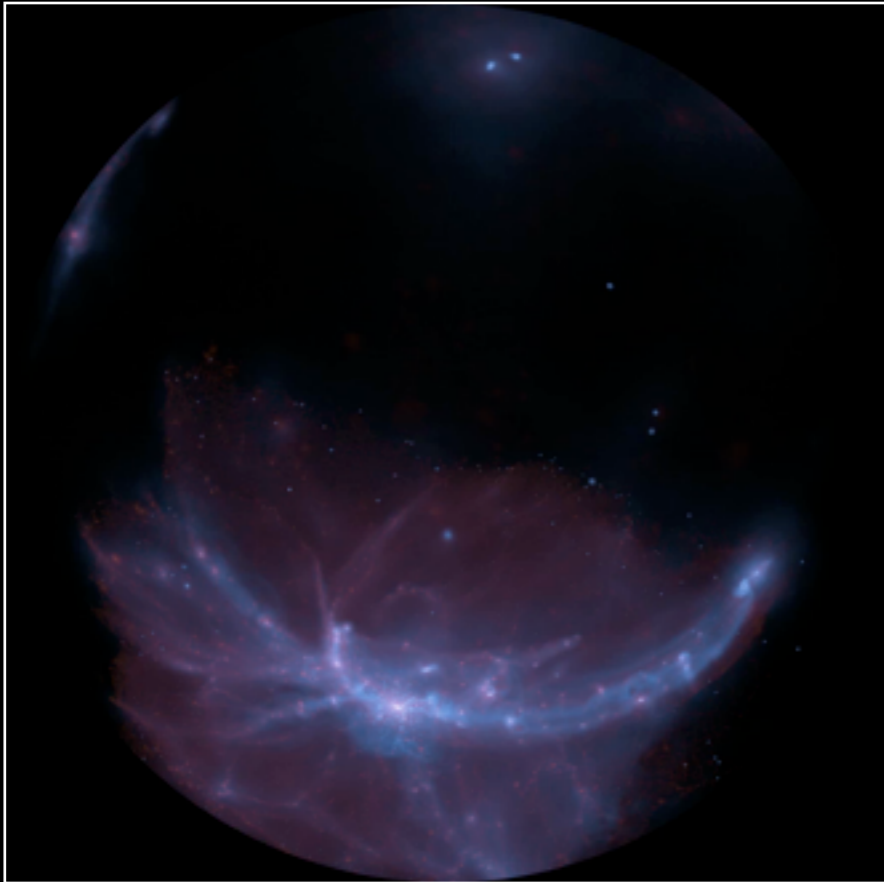
Skippers



# Dark

- Fulldome (planetarium) show discussing Darkmatter.
- Production funded jointly by iVEC (visualisation budget 2009-2010) and Scitech.
- Based on simulations by Alan Duffy and collaborators, one performed on epic as part of the early adopters program.
- Team: Peter Morse, Paul Bourke, Carley Tillett (Horizon planetarium manager),
- Music by Cathie Travers.

# Simulations



[movie]



# Filming with the LadyBug-3 camera



Can generate any fisheye view





# Octagon scene

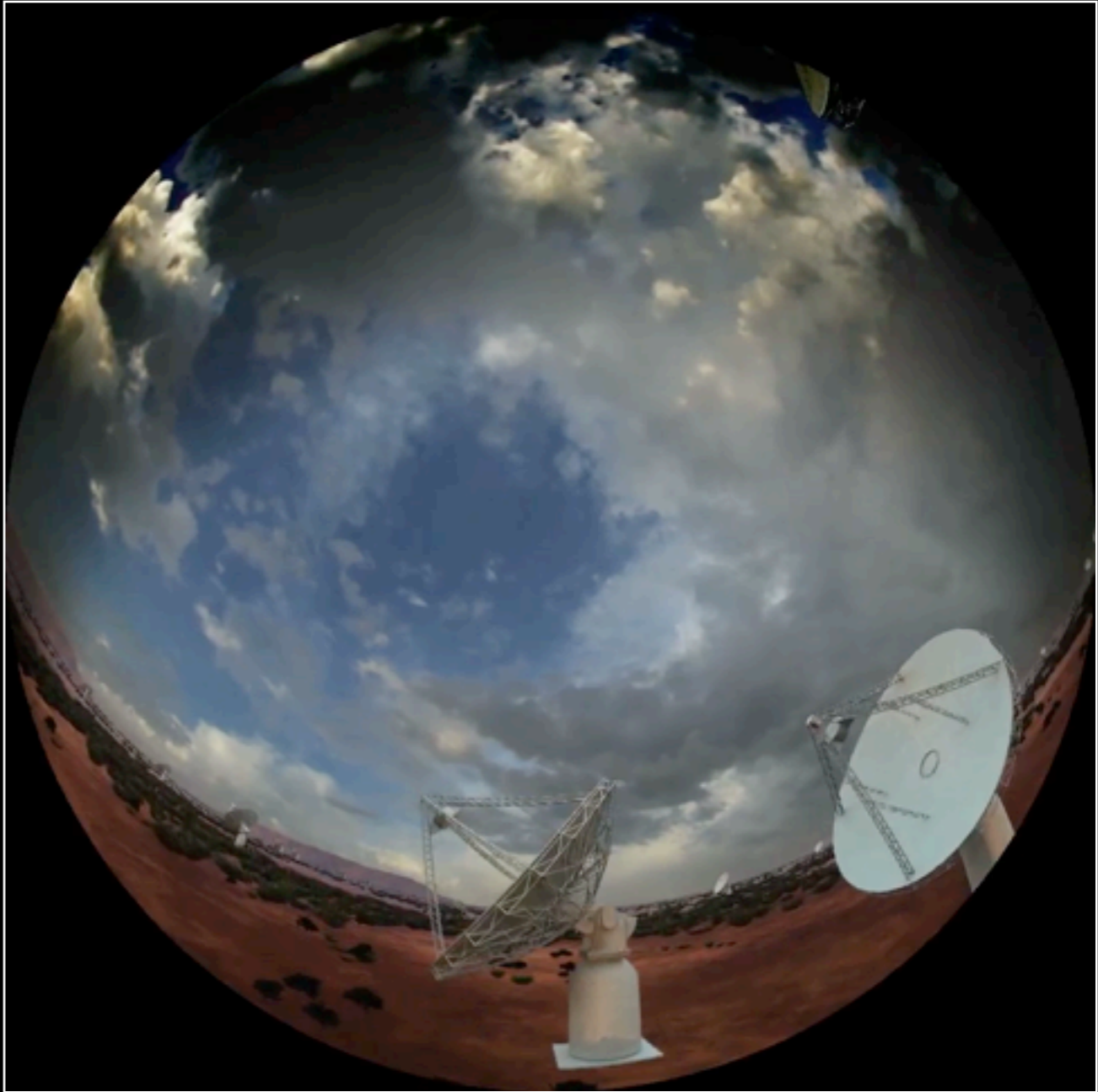
- Lotus sports car - courtesy of electric vehicle research Engineering UWA
  - disappointing ... it's totally quiet
- Octagon theatre UWA
- Industrial fog machine
  - that we didn't know how to operate



[movie]



# Parques and ASKAP dish scene



# Launch

- Aiming to be complete this month.
- Launch “soon”.