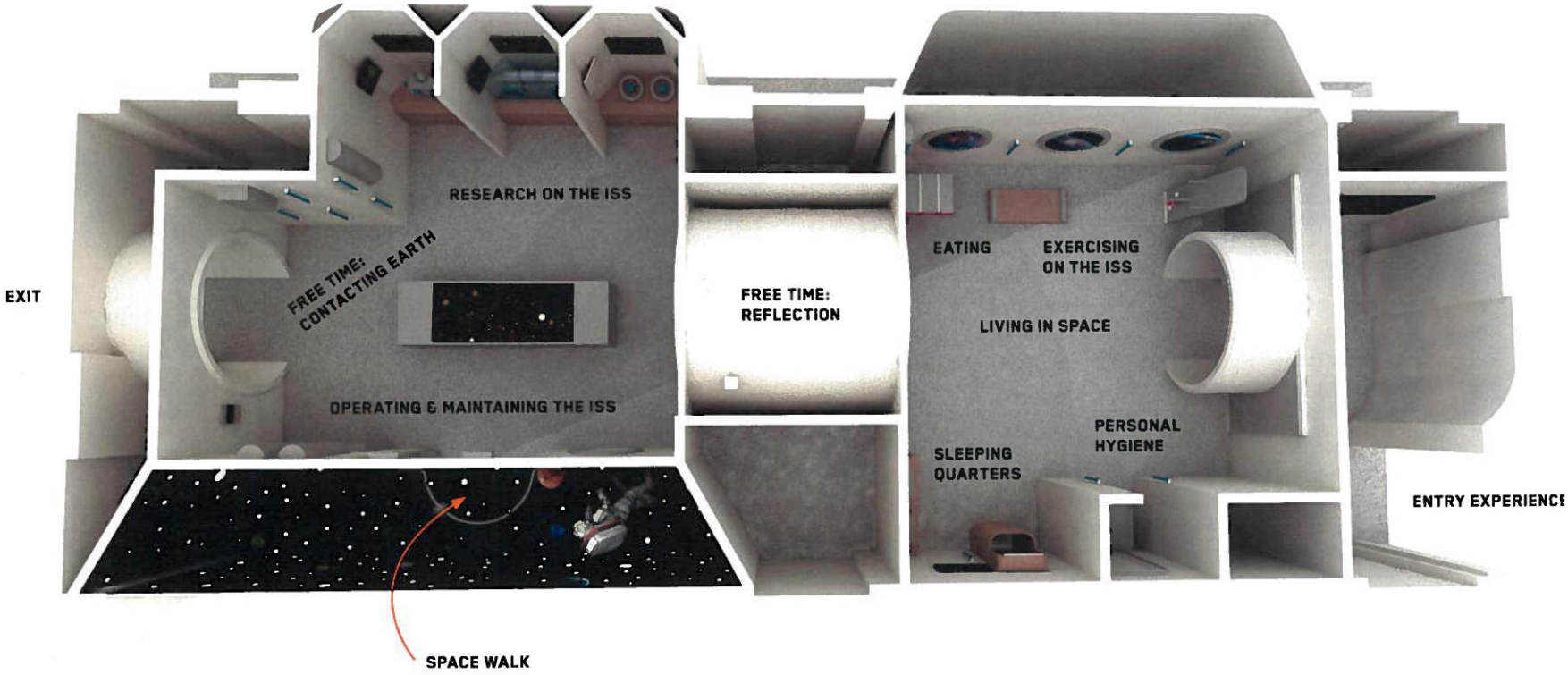
Life in Orbit – The International Space Station

Living in Space – Earth Projection

Living in Space – Earth Projection

Living in Space – Earth Projection

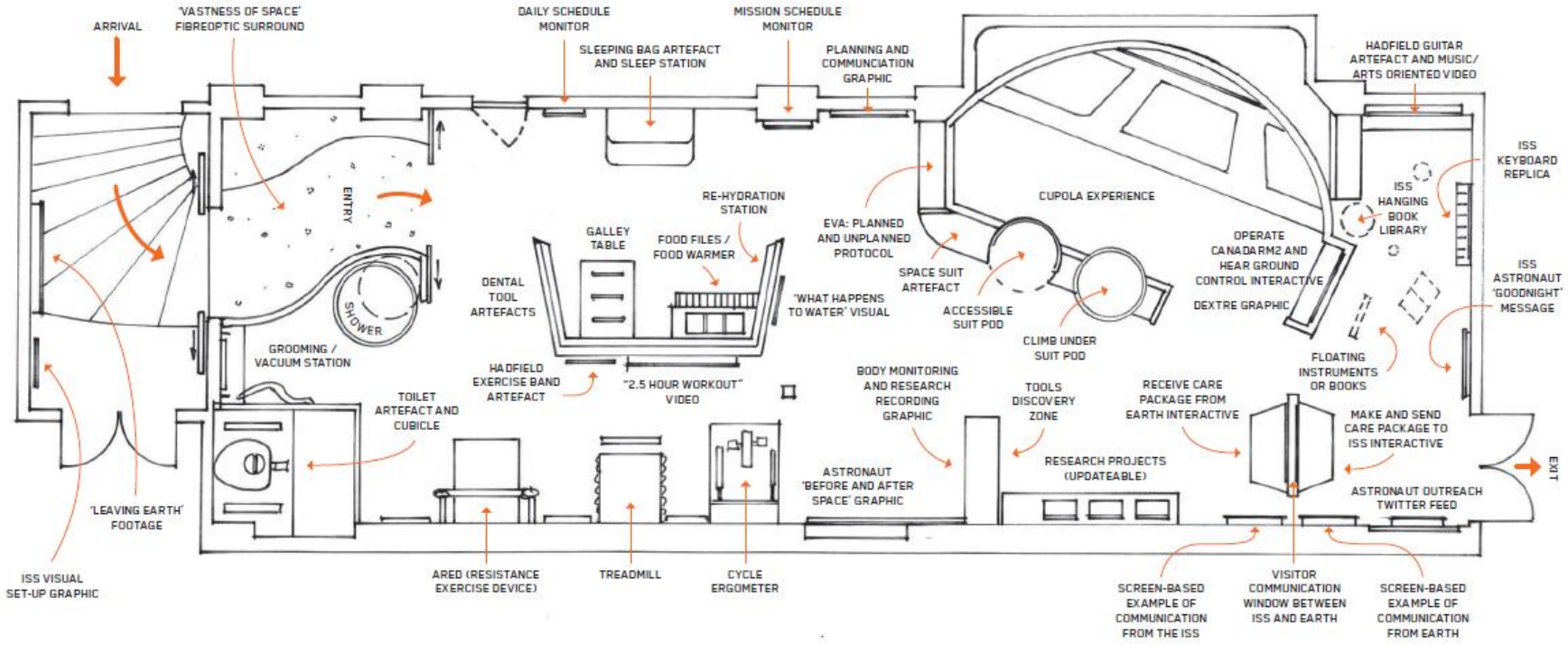
Floorplan (RFP Response)



Floorplan A – (Concept)

9.0 Visitor Experience

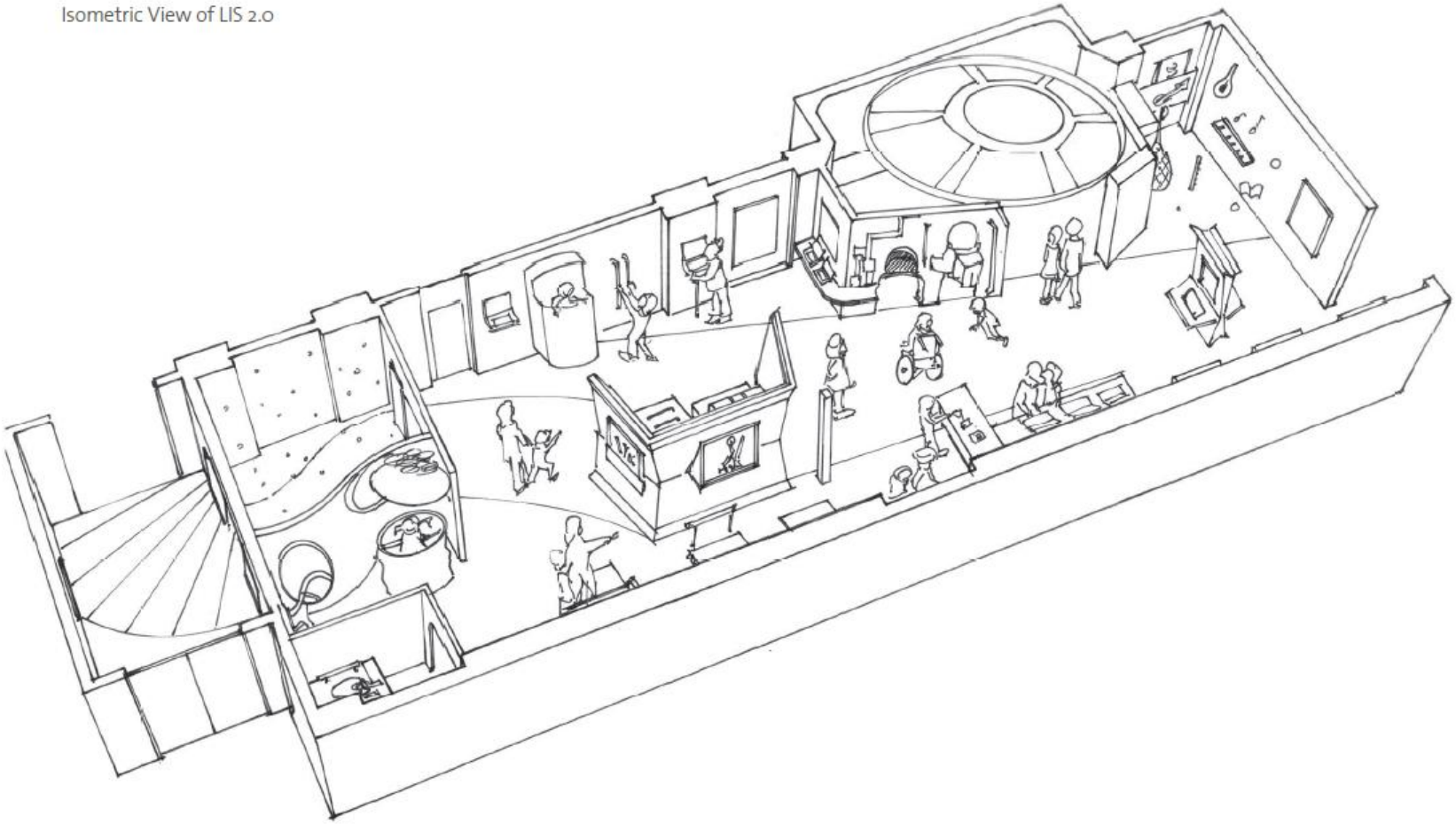
Exhibit Plan



Floorplan B – (Concept)

9.0 Visitor Experience

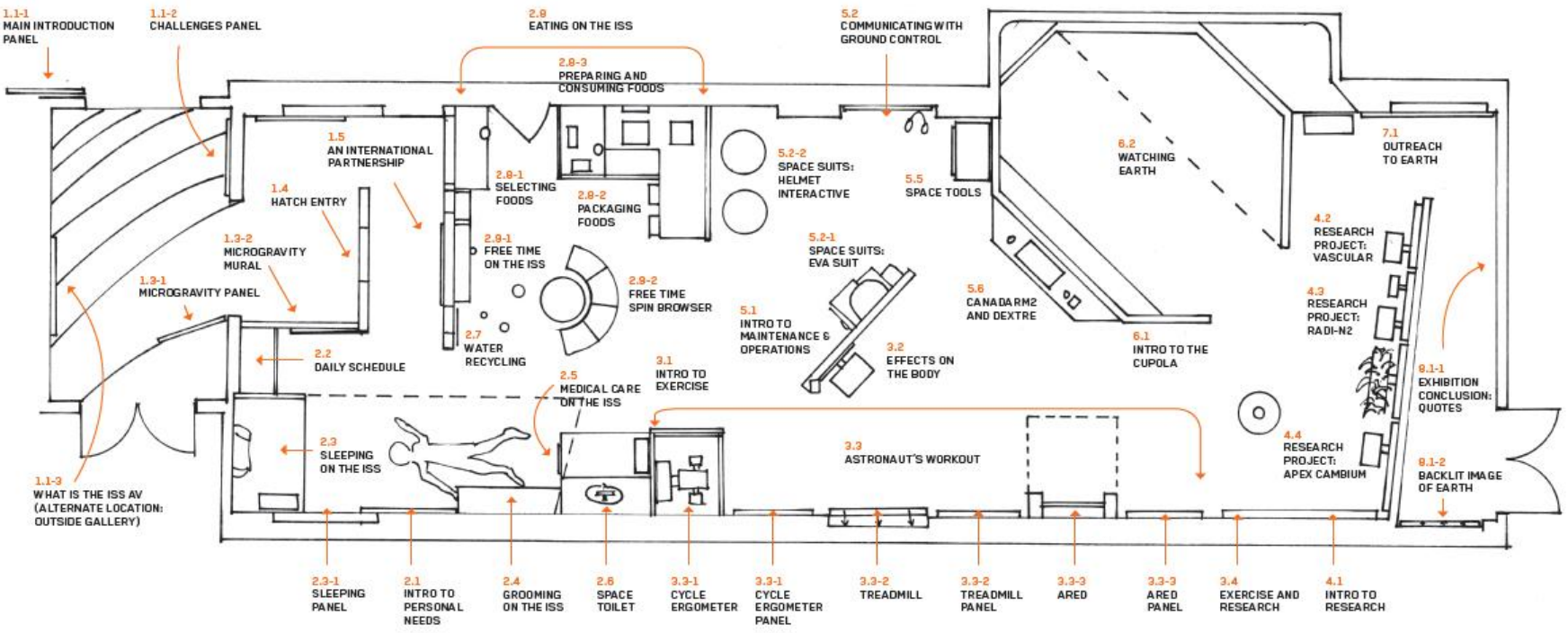
Isometric View of LIS 2.0



Floorplan A – (Schematic)

6.0 Visitor Experience

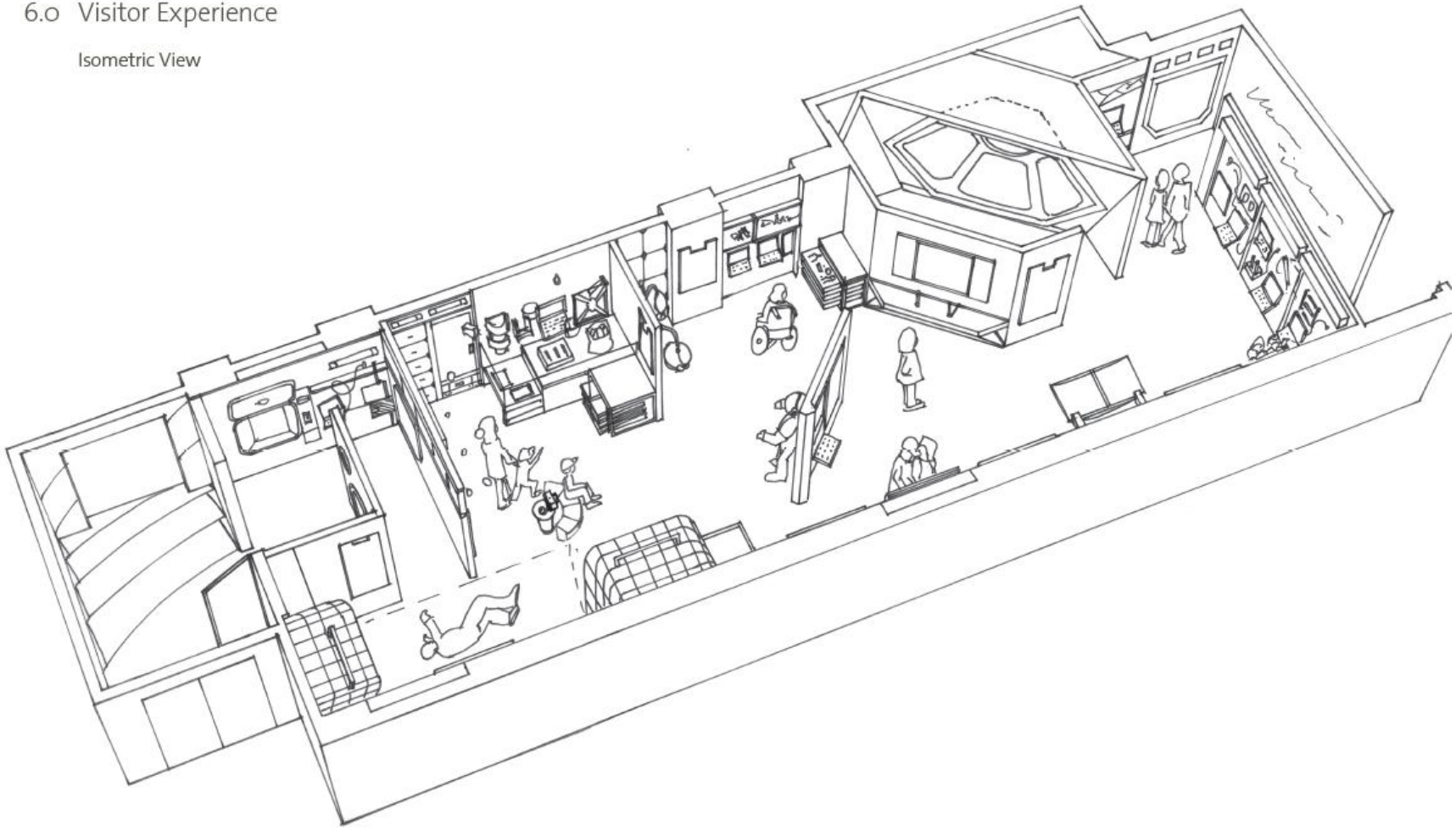
Exhibit Plan



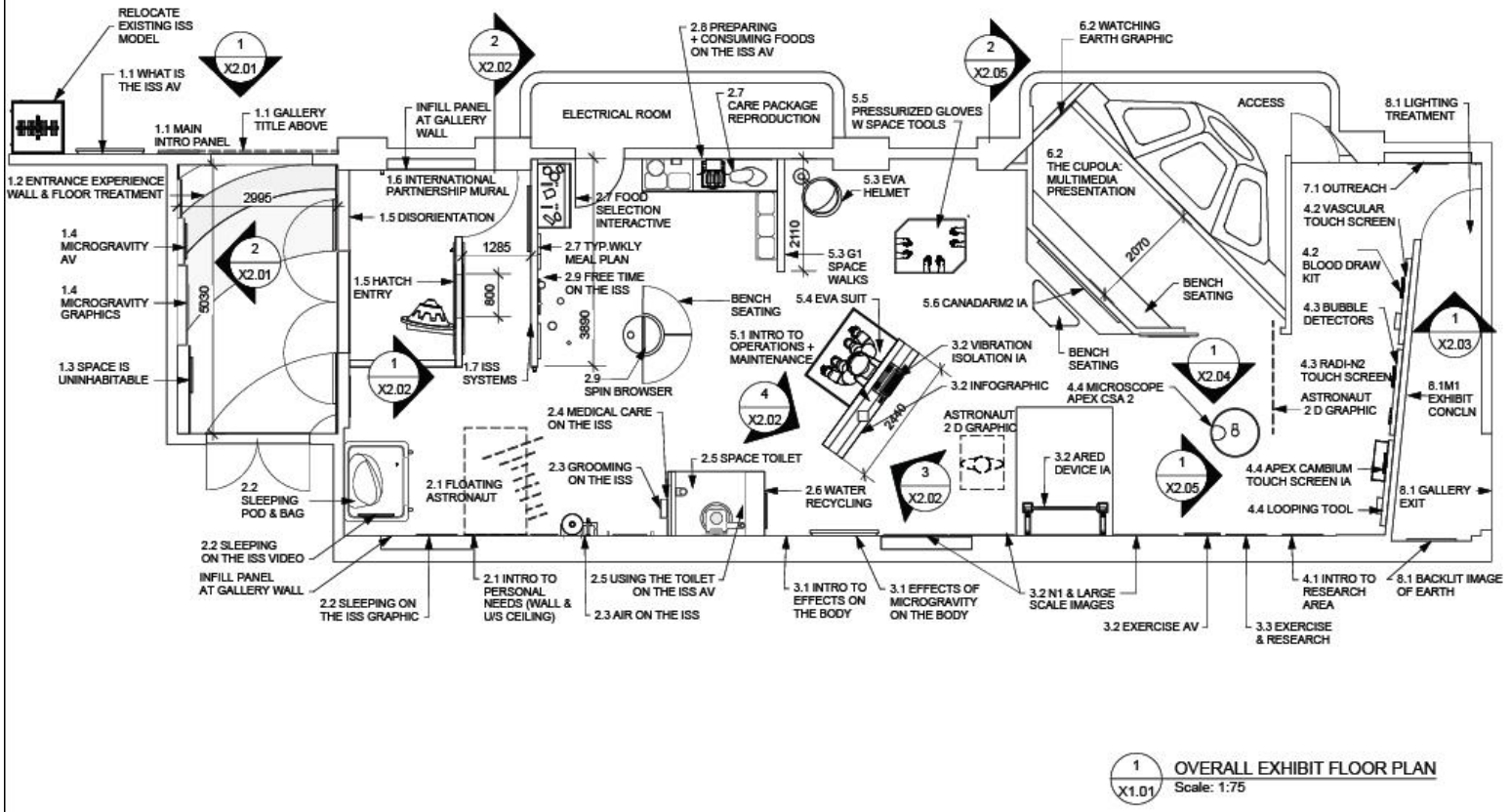
Floorplan B – (Schematic)

6.0 Visitor Experience

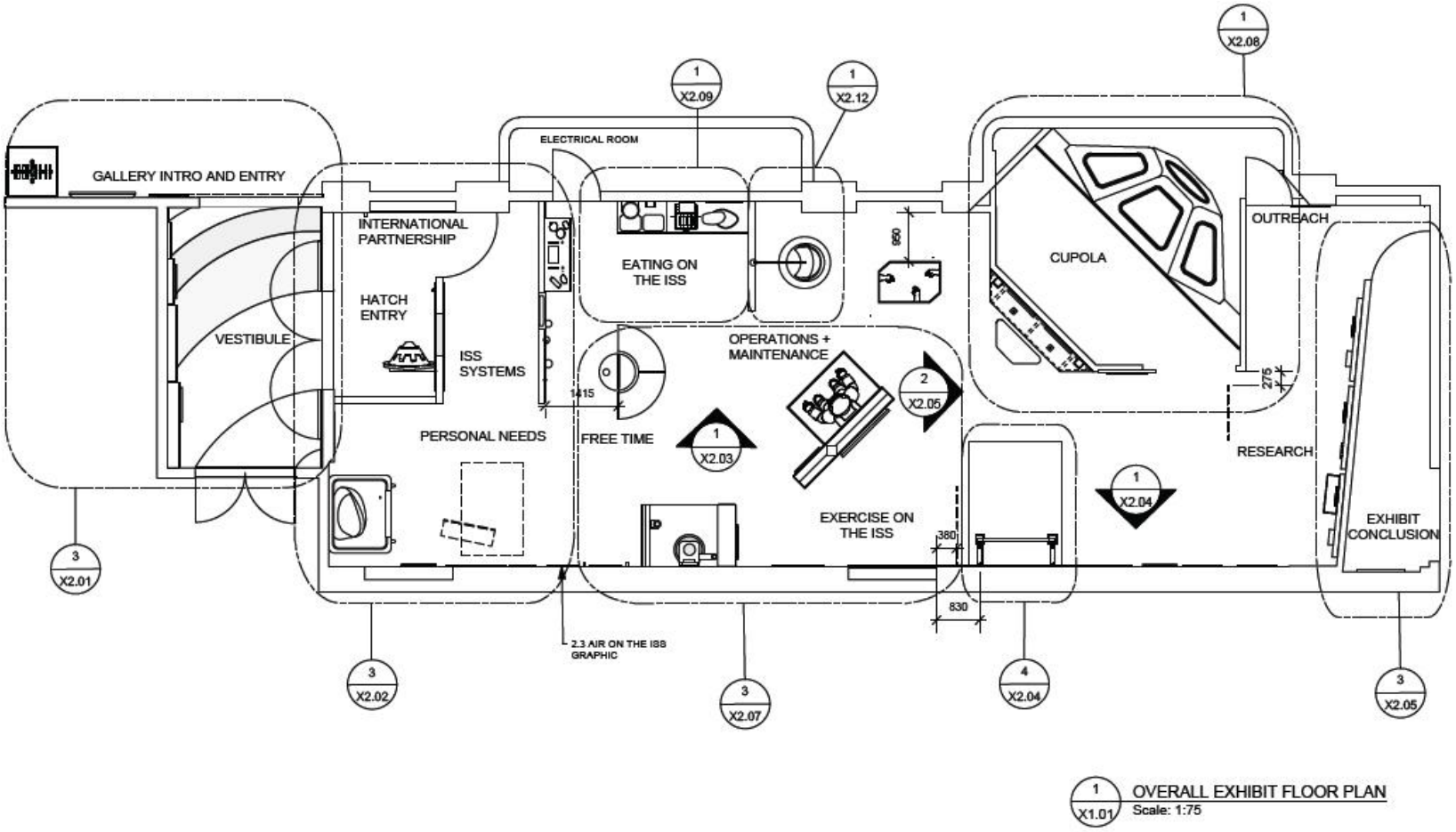
Isometric View



Floorplan (Design)

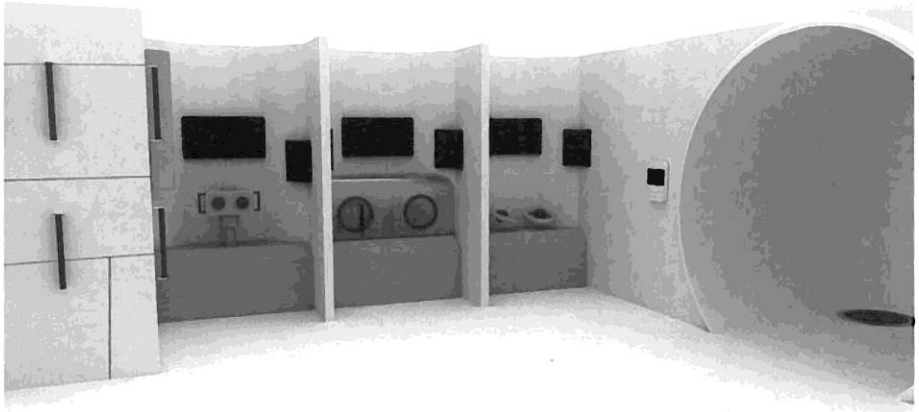


Floorplan (Fabrication)

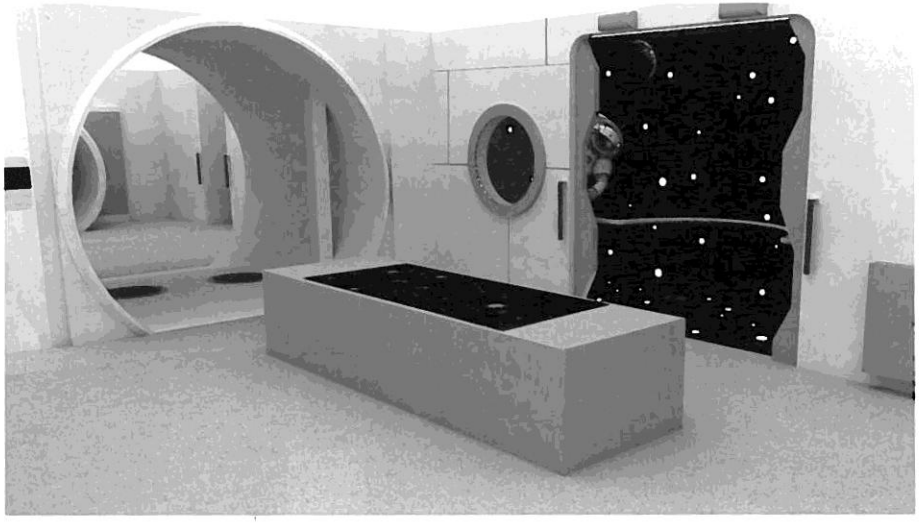


1 X1.01 OVERALL EXHIBIT FLOOR PLAN
Scale: 1:75

Conceptual Image (RFP Response)



RESEARCH ON THE ISS

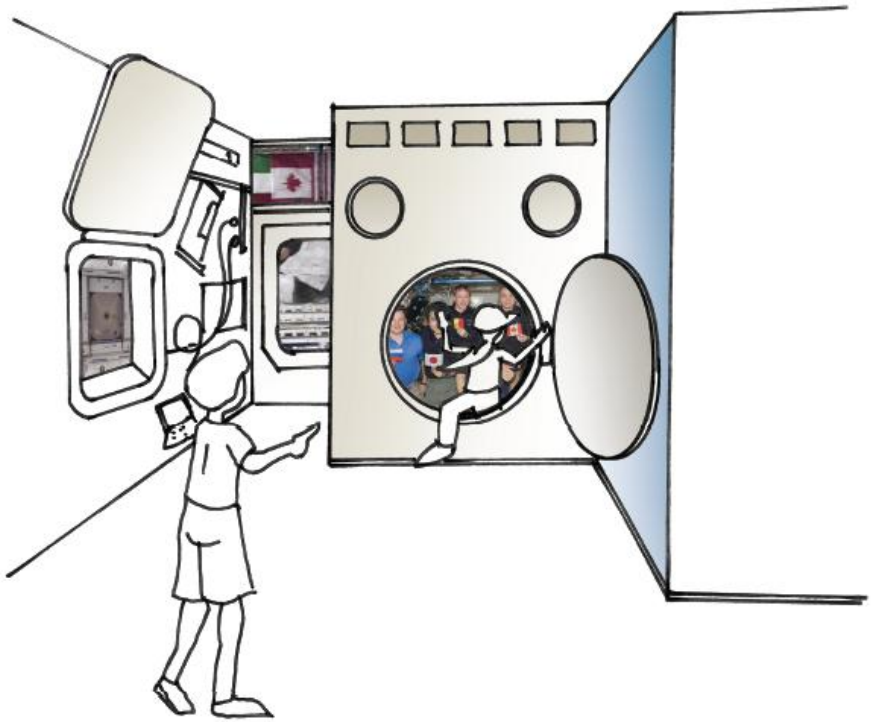


OPERATING & MAINTAINING THE ISS

Conceptual Image 1 (Schematic)

6.0 Visitor Experience

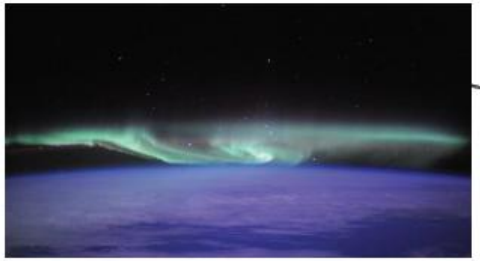
Exhibit Area Sketches — 1.0 Introduction

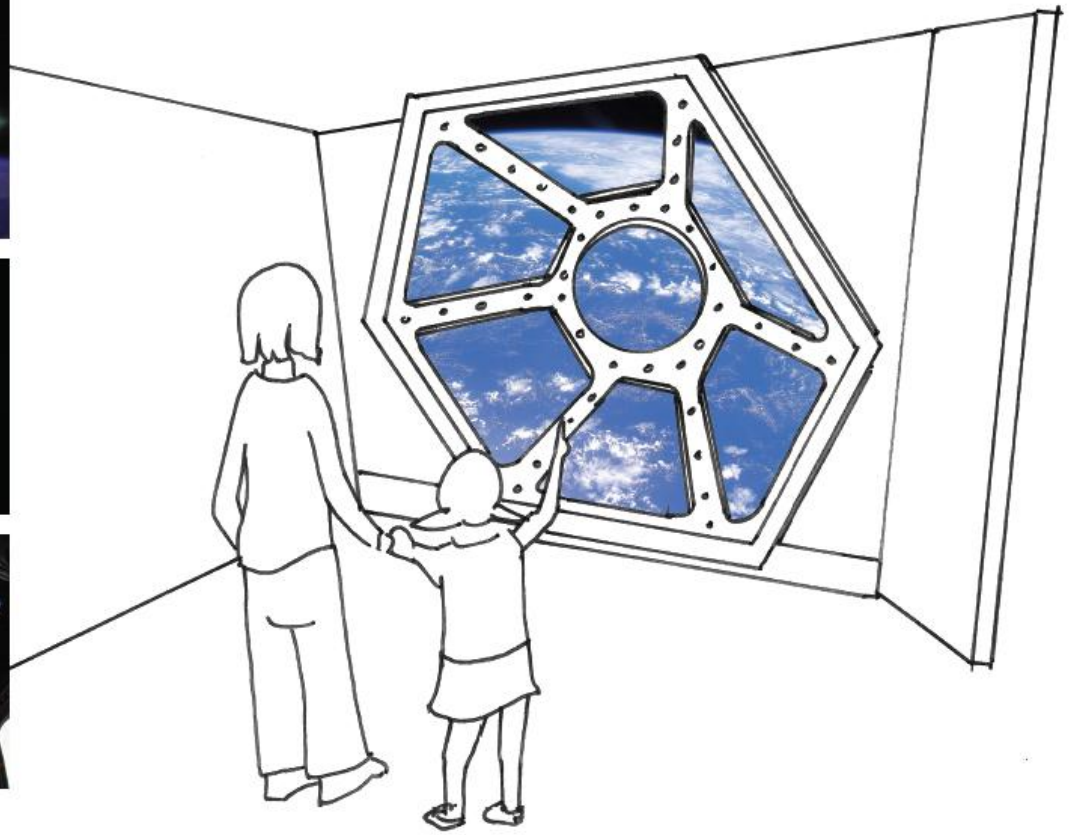


Conceptual Image 2 (Schematic)

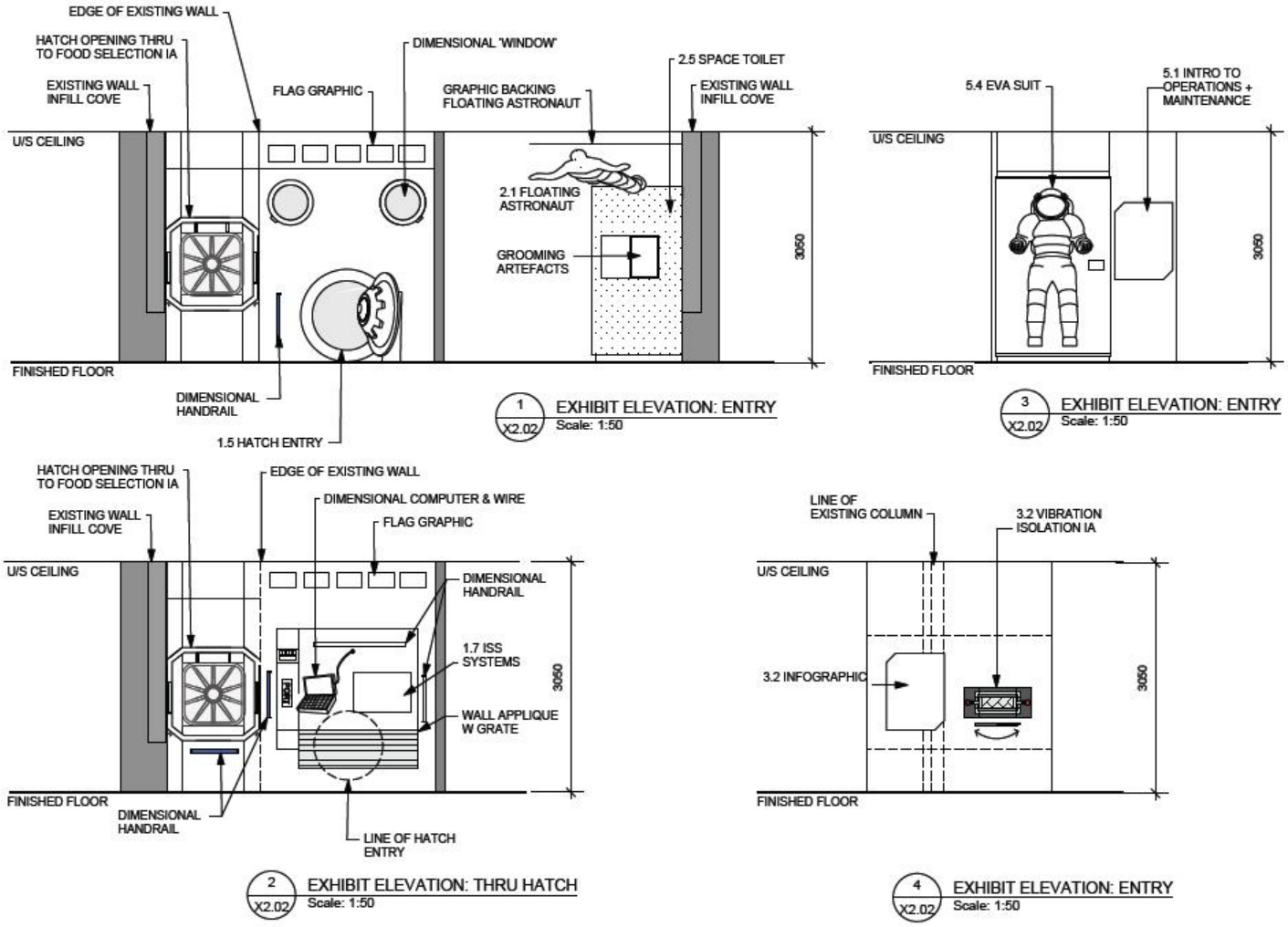
6.0 Visitor Experience

Exhibit Area Sketches — 6.0 Watching Earth (The Cupola)





Layouts (Design)

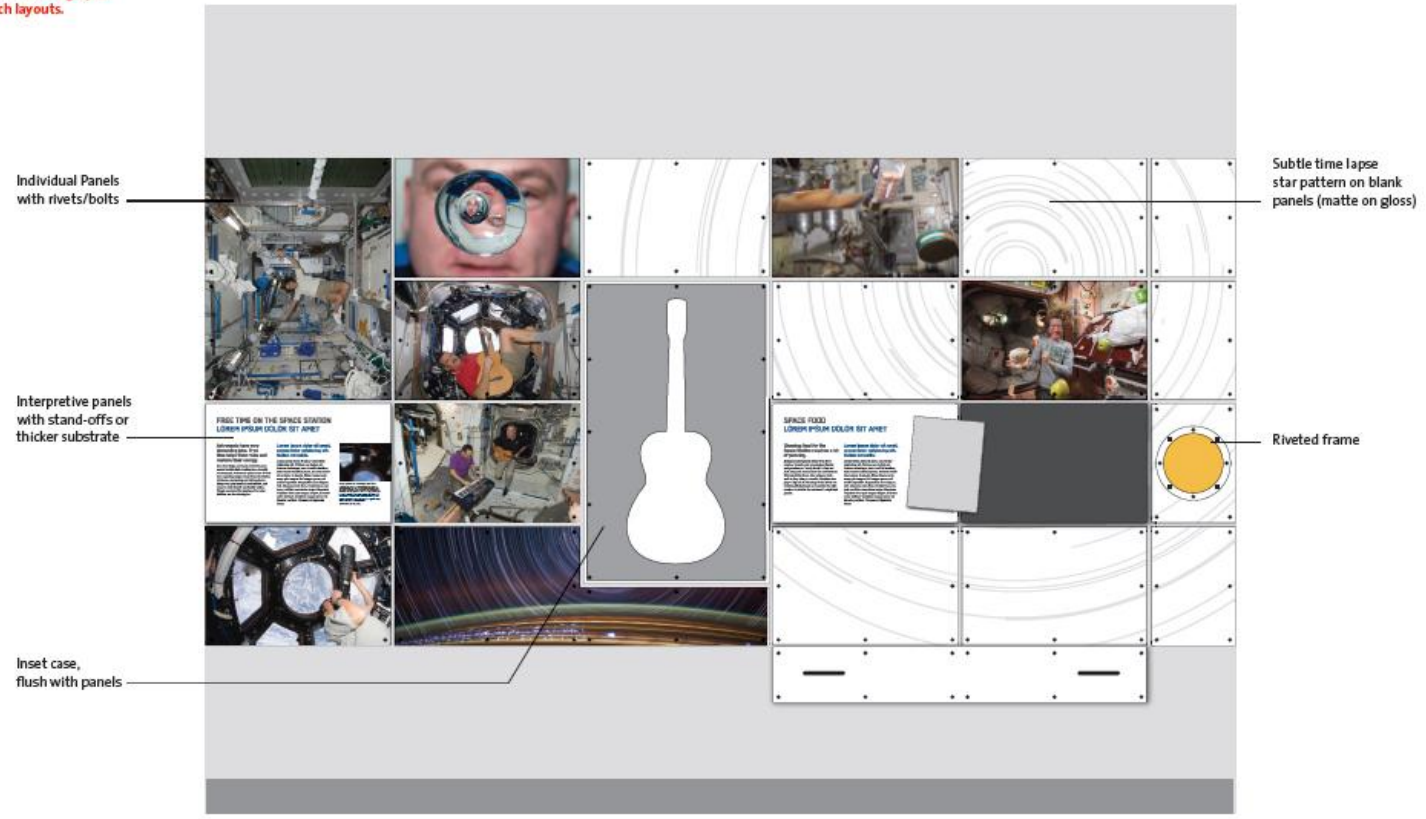


Layouts 1 (Fabrication)

4.0 Graphic Approach

4.7 Panel D Mural

NOTE: Sample texts have been used for the graphic approach layouts.

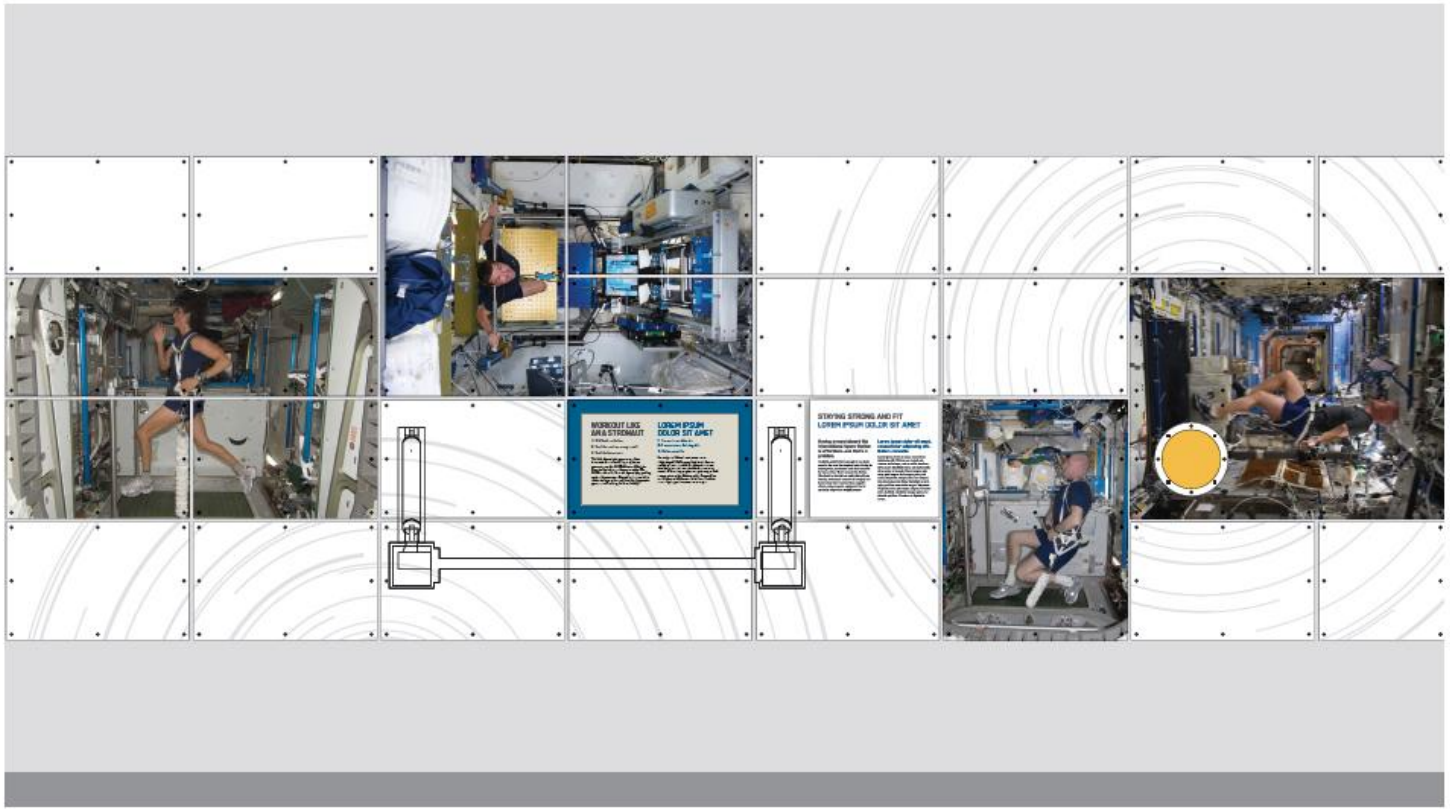


2.7: Eating on the ISS: How Foods are Selected / 2.9: Free Time on the ISS
Scale: NTS

Layouts 2 (Fabrication)

4.0 Graphic Approach

4.7 Panel D Mural



3.2: Exercise on the ISS
Scale: NTS

Panel Approach (RFP Response)

IN SPACE, NO ONE CAN HEAR YOU SCREAM...

...but everyone will hear you snore.

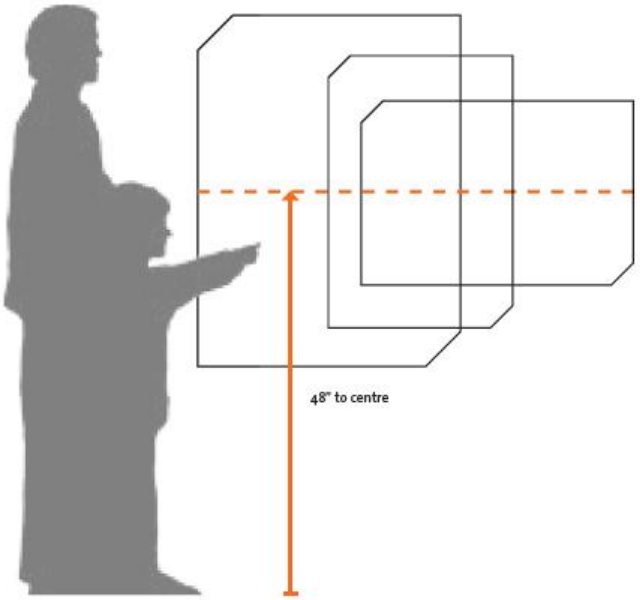
True privacy is not easy to come by on the International Space Station, but these small alcoves afford at least a little personal space. Each is equipped with a sleeping bag and two personal computers, one for work and the other for communicating with friends and family on the surface. A set of headphones also helps to keep those calls home private.

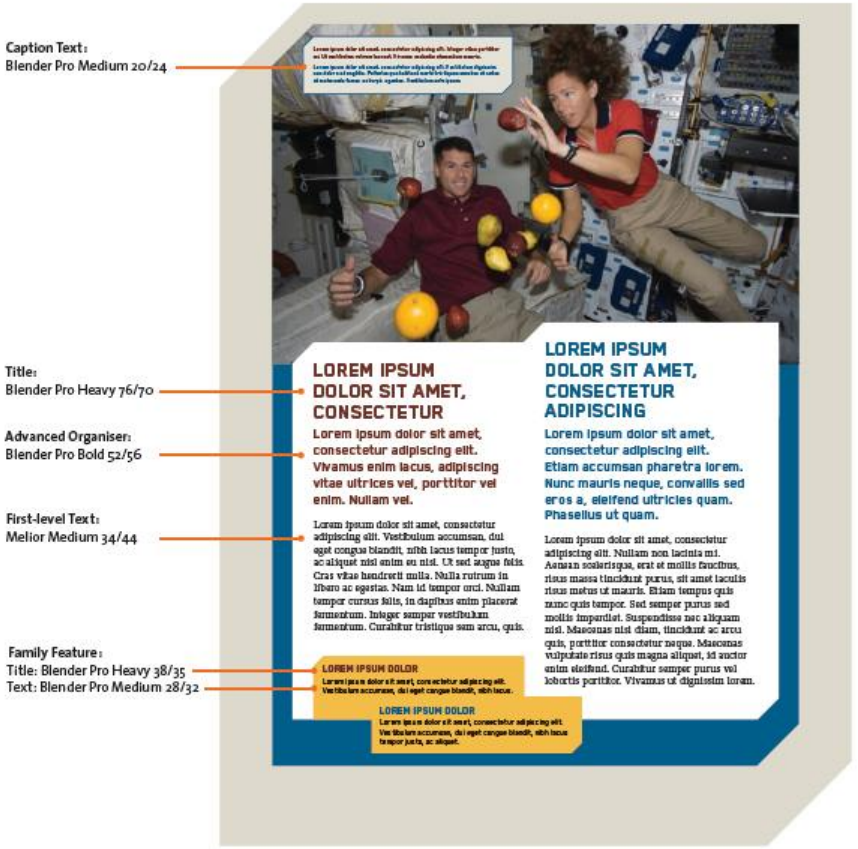
With most of his body tucked away in a sleeping bag, astronaut Daniel Tani, Expedition 16 flight engineer, poses for a photo near two extravehicular mobility unit (EMU) spacesuits in the Quest Airlock of the International Space Station.

Panel Approach (Schematic)

8.0 Graphics and Text

Graphics Approach: Typicals





TYPE A: Interpretive Panel
Scale: 20%
Actual Size: 30" x 40"

Panel Approach (Fabrication)

4.0 Graphic Approach

4.4 Panel A

Title:
Blender Pro Medium 135/125

Caption Text:
Blender Pro Medium 18/20

Credit Text:
Blender Pro Medium 8/10

Advanced Organiser:
Blender Pro Bold 52/52

First-level Text:
Melior Medium 34/44

TYPE A: Interpretive Panel
Scale: 20%
Actual Size: 30" x 40"

Onsite Testing (Summer 2014) – Constructing Prototypes 1

Onsite Testing – Constructing Prototypes 2

Testing Space – Gloves concept

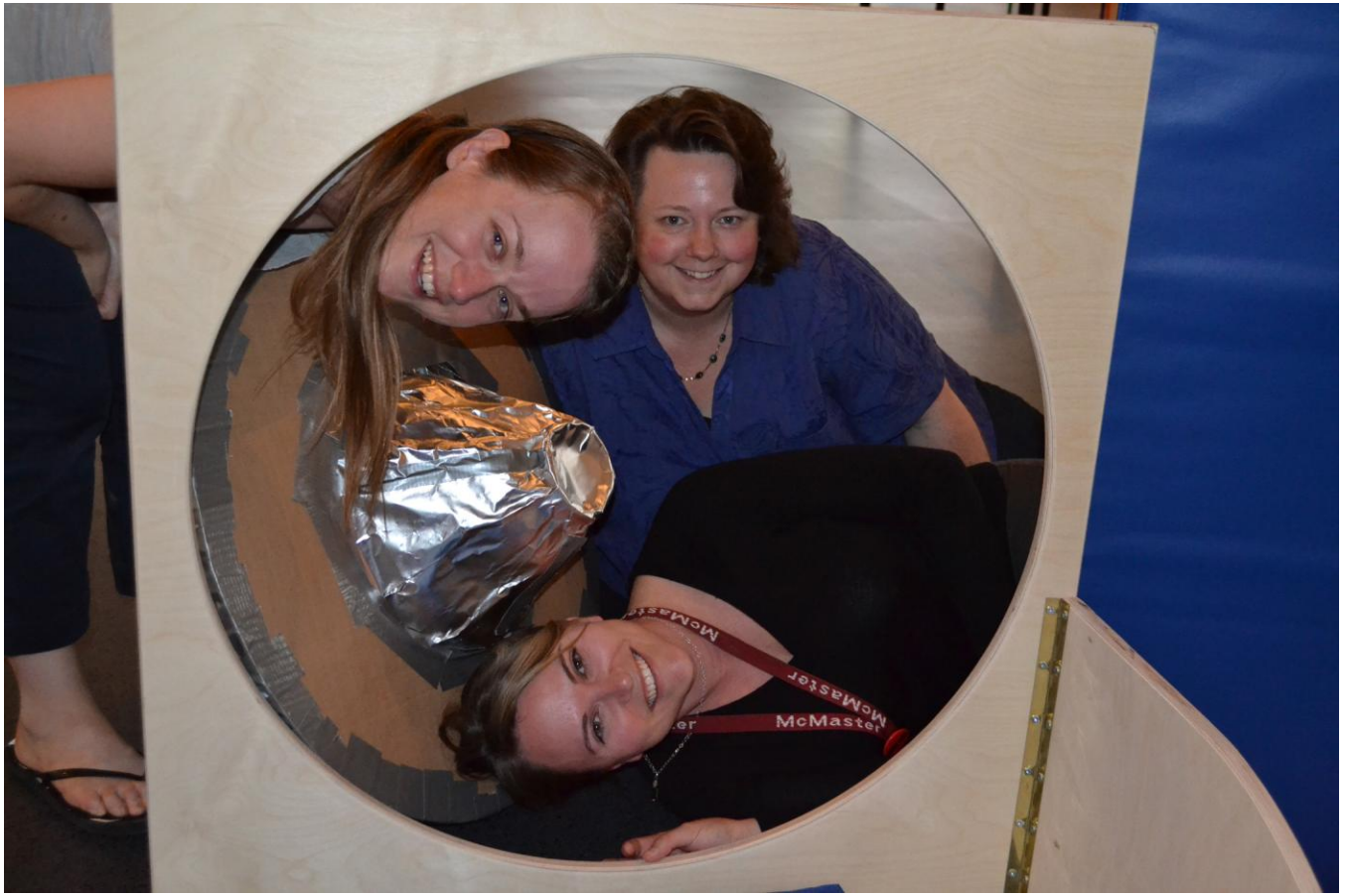
Testing Vibration Issolation (it was cut)

Testing Cont'd

Testing ARED Resistance Concept

Testing Hatch Concept

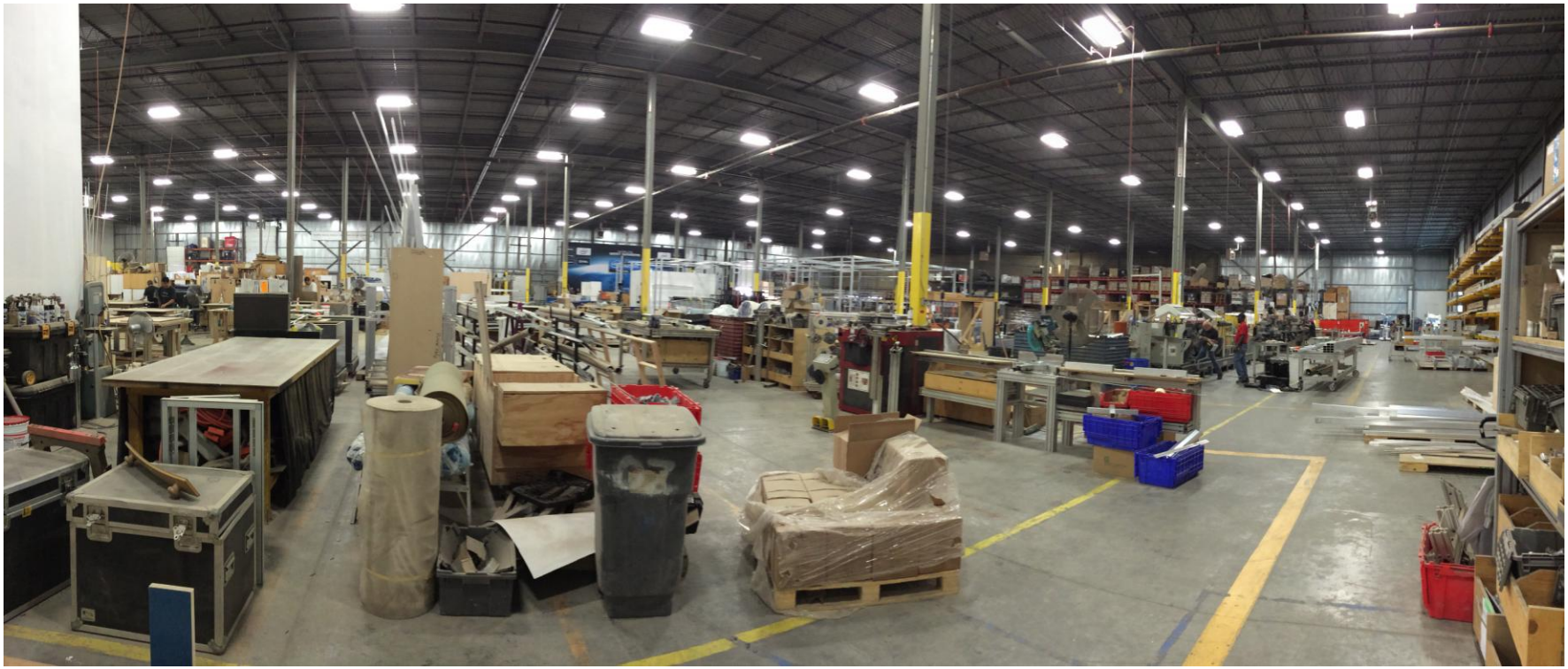
Enthusiastic Testing Staff



Taylor Group - Exterior (Spring 2015)

View of Shop Floor

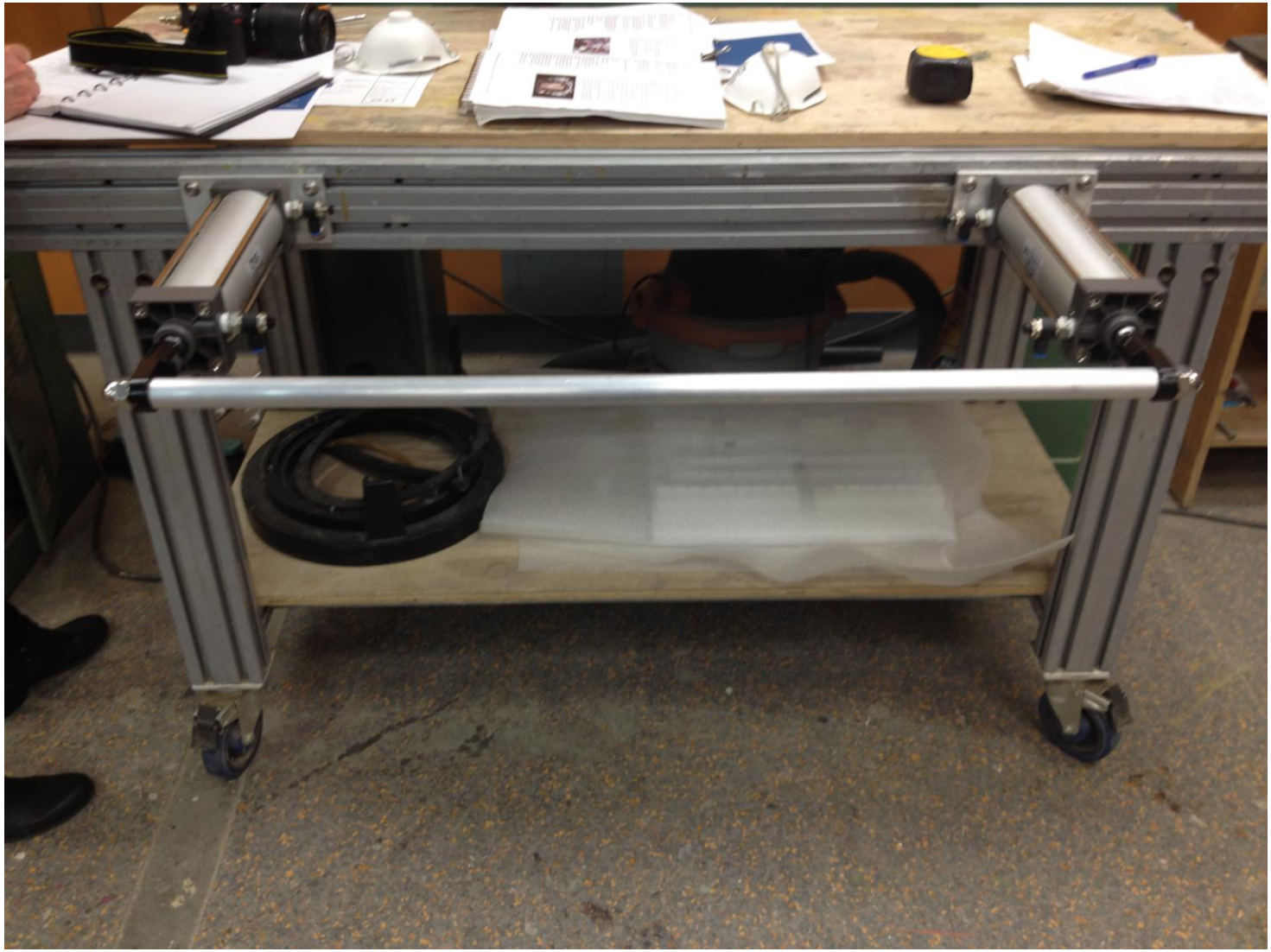
Shop Floor (panorama)



Entrance to Creative Workshop

Space Gloves trial at Taylor Group

ARED trial at Taylor Group



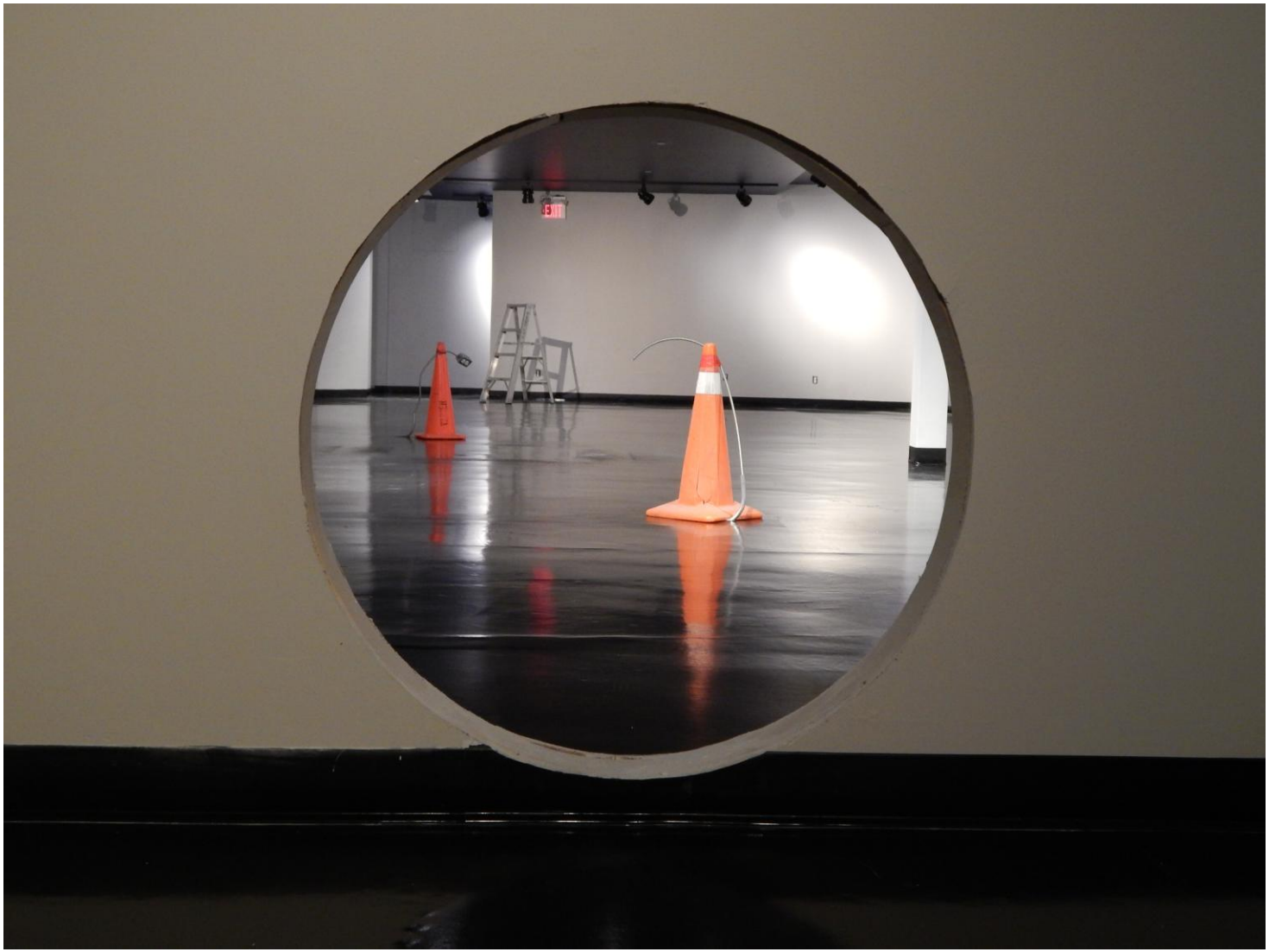
Testing Space Helmet mechanism at Taylor Group

Mock-up of Cupola Structure at Taylor Group

Installation - Exterior

Installation – Ready for Install

Installation – Hole cut for Hatch

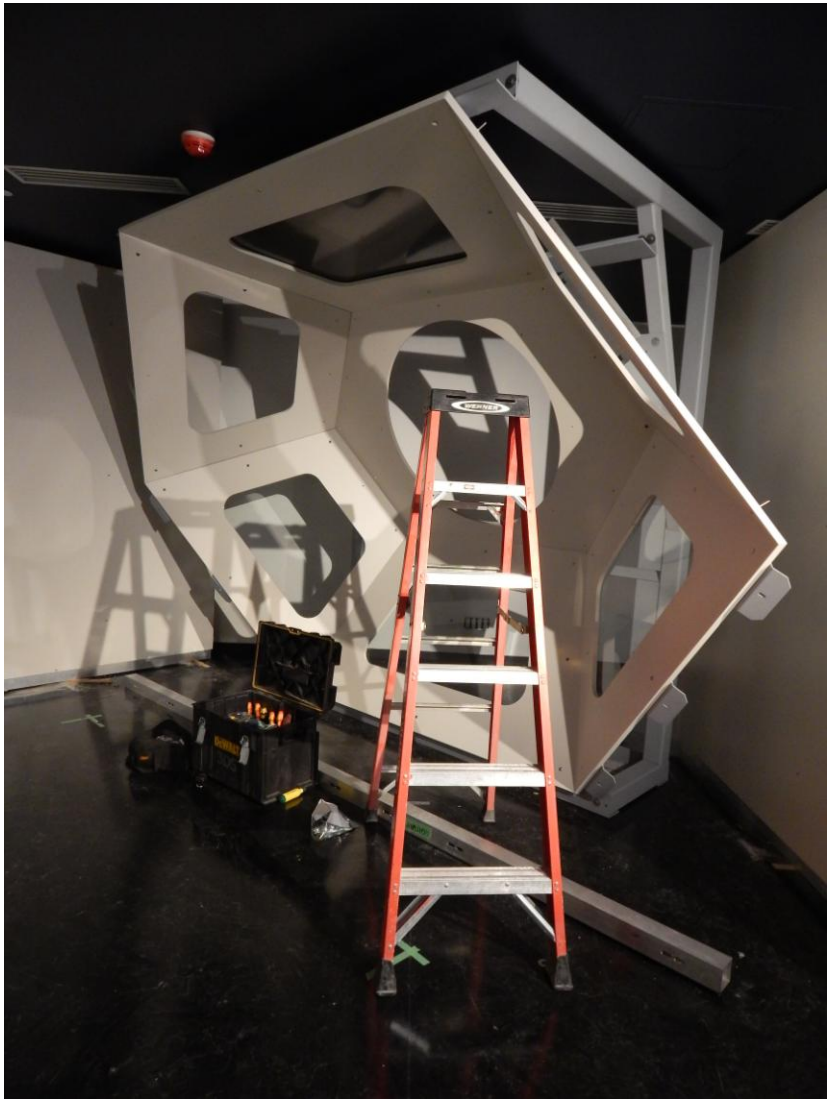


Installating pre-frabricated walls

Installation – Work Continues

Installing the Cupola Structure

Installation - Cupola Structure 2



Installation – Door for Hatch

Installation – Walls Going Up

Installation Starts in Entrance

Installation – Entrance Cont'd

Installation – Hatch is installed

Installation – Graphics

Installation – Graphics

Installation Cont'd

Sleep Pod Install Ongoing

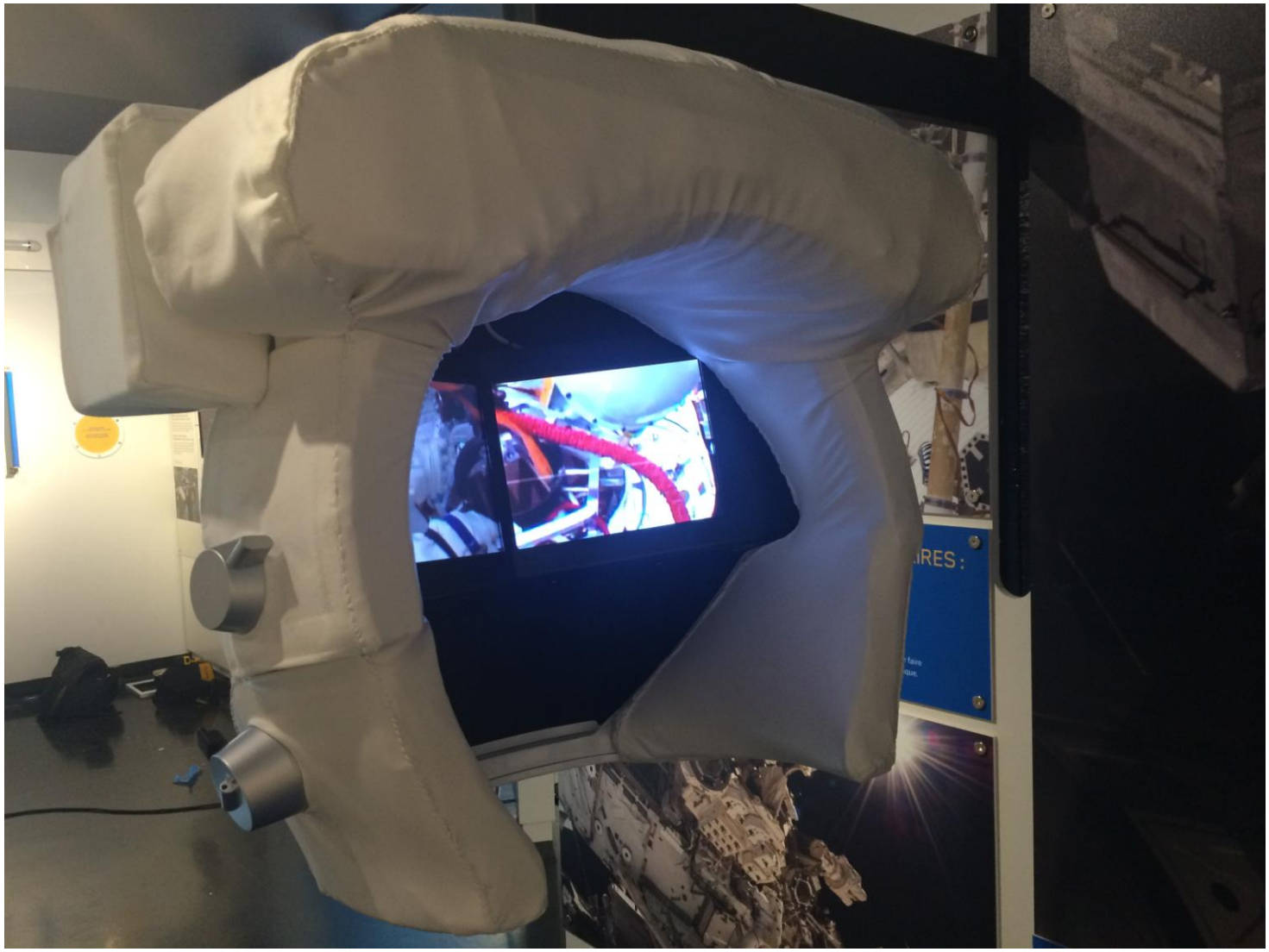
Installation – EMU Suit

Installation – Nearing Completion

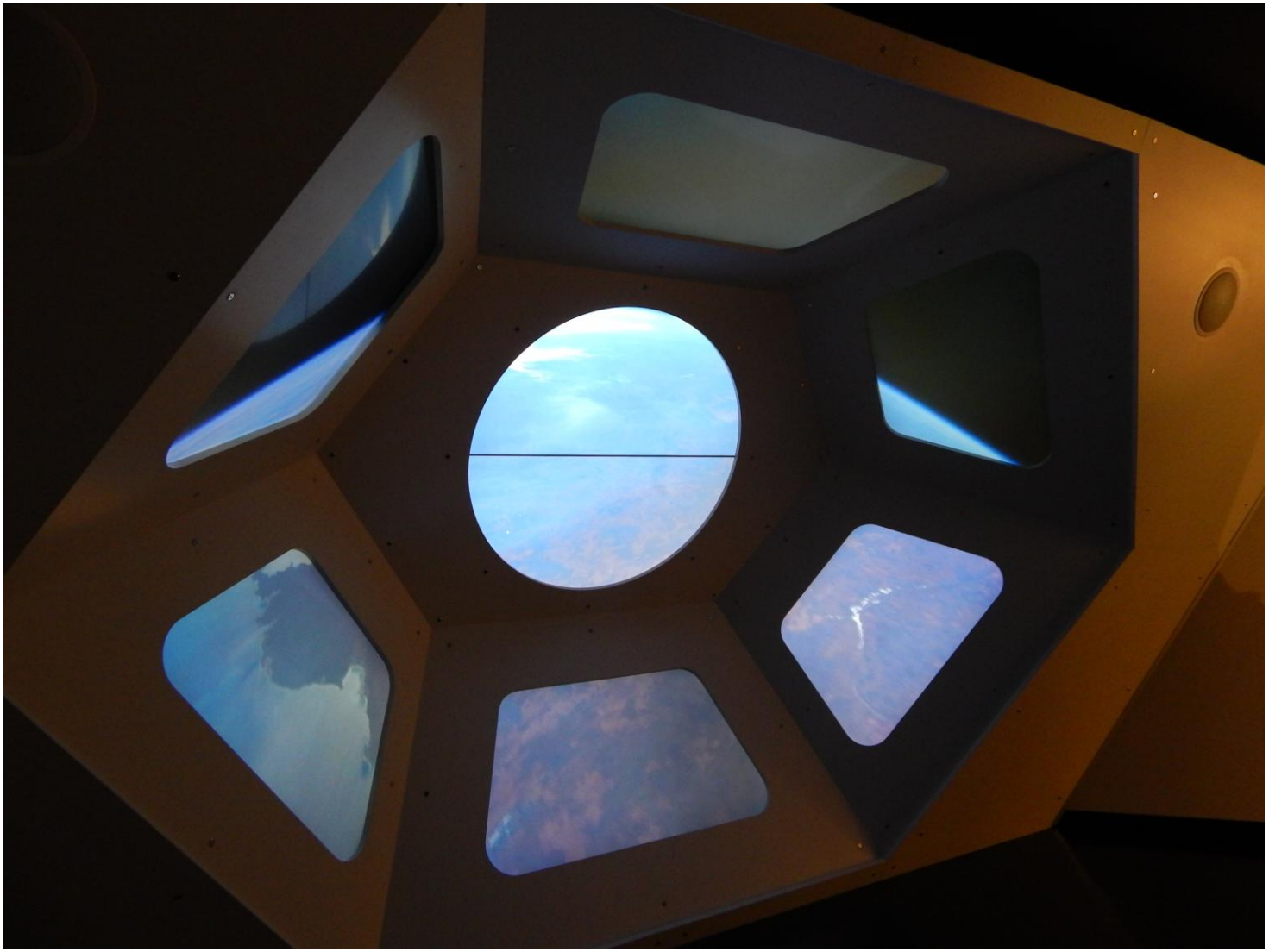
Installation – Nearing Completion 2

Installation – Space Helmet

Installation – Space Helmet Interior



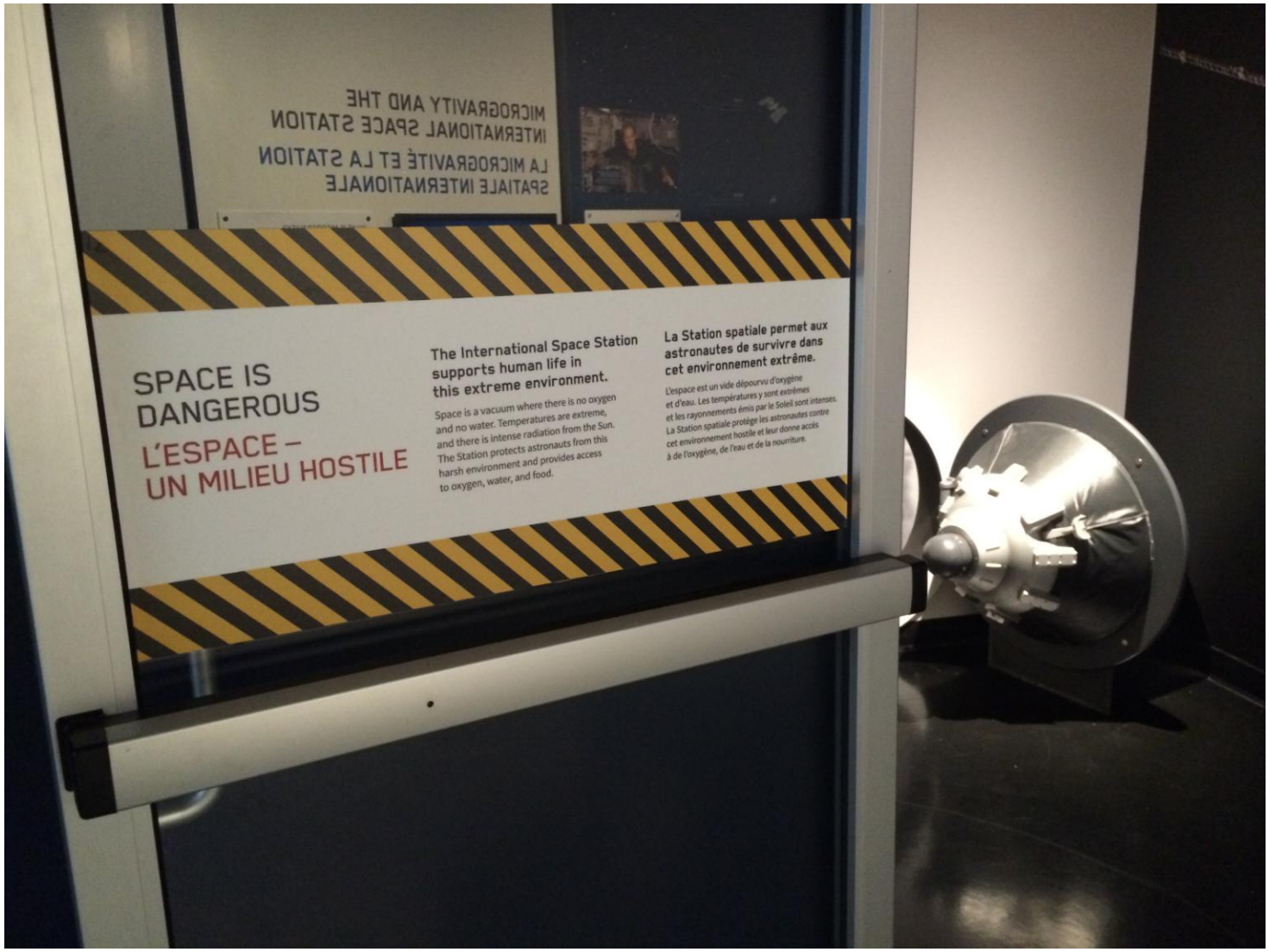
Installation – The Cupola is Running



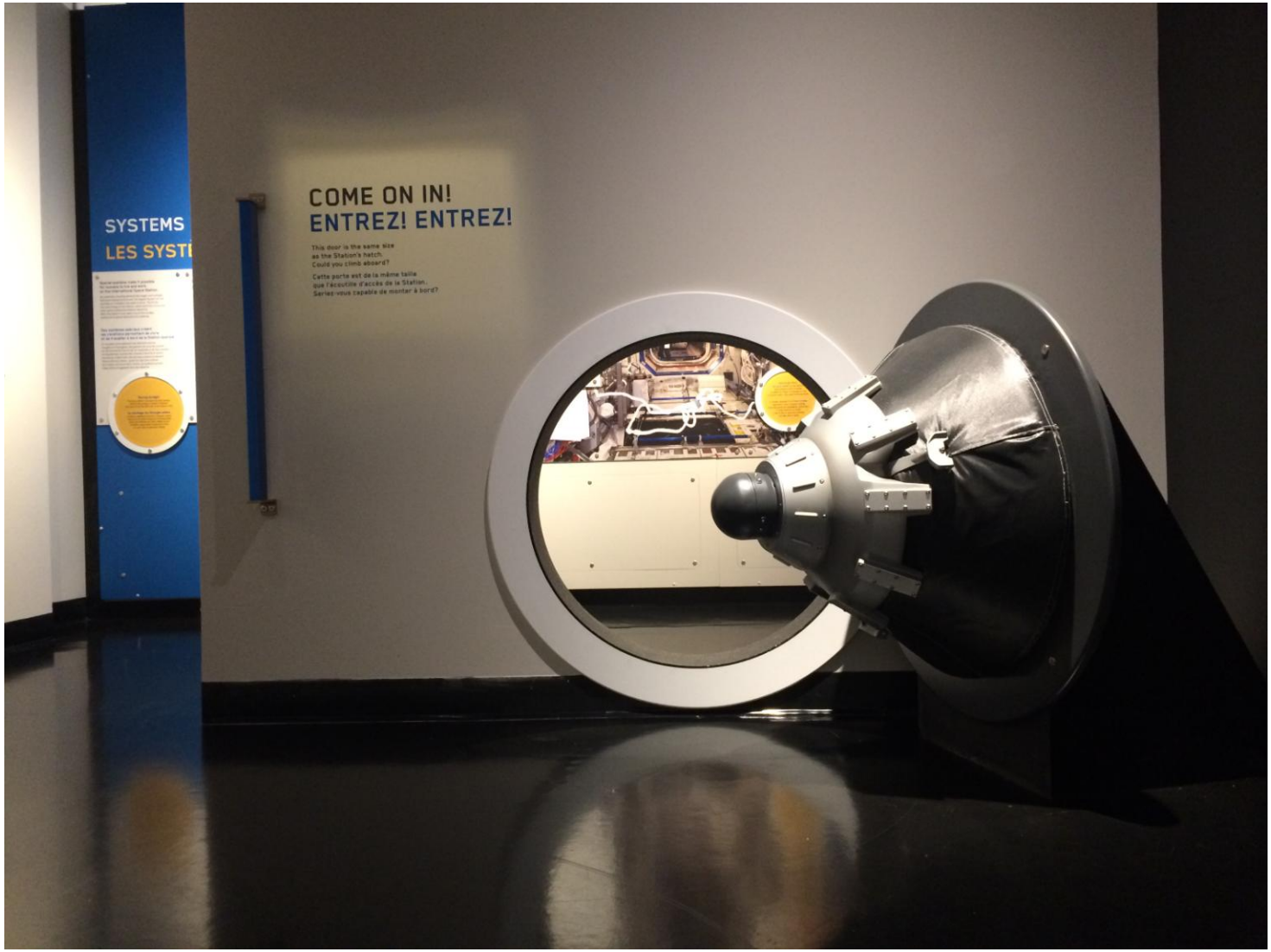
Final Exhibition Installation - Entrance

Final Exhibition Installation – Entry (Microgravity)

Final Exhibition Installation – Entry

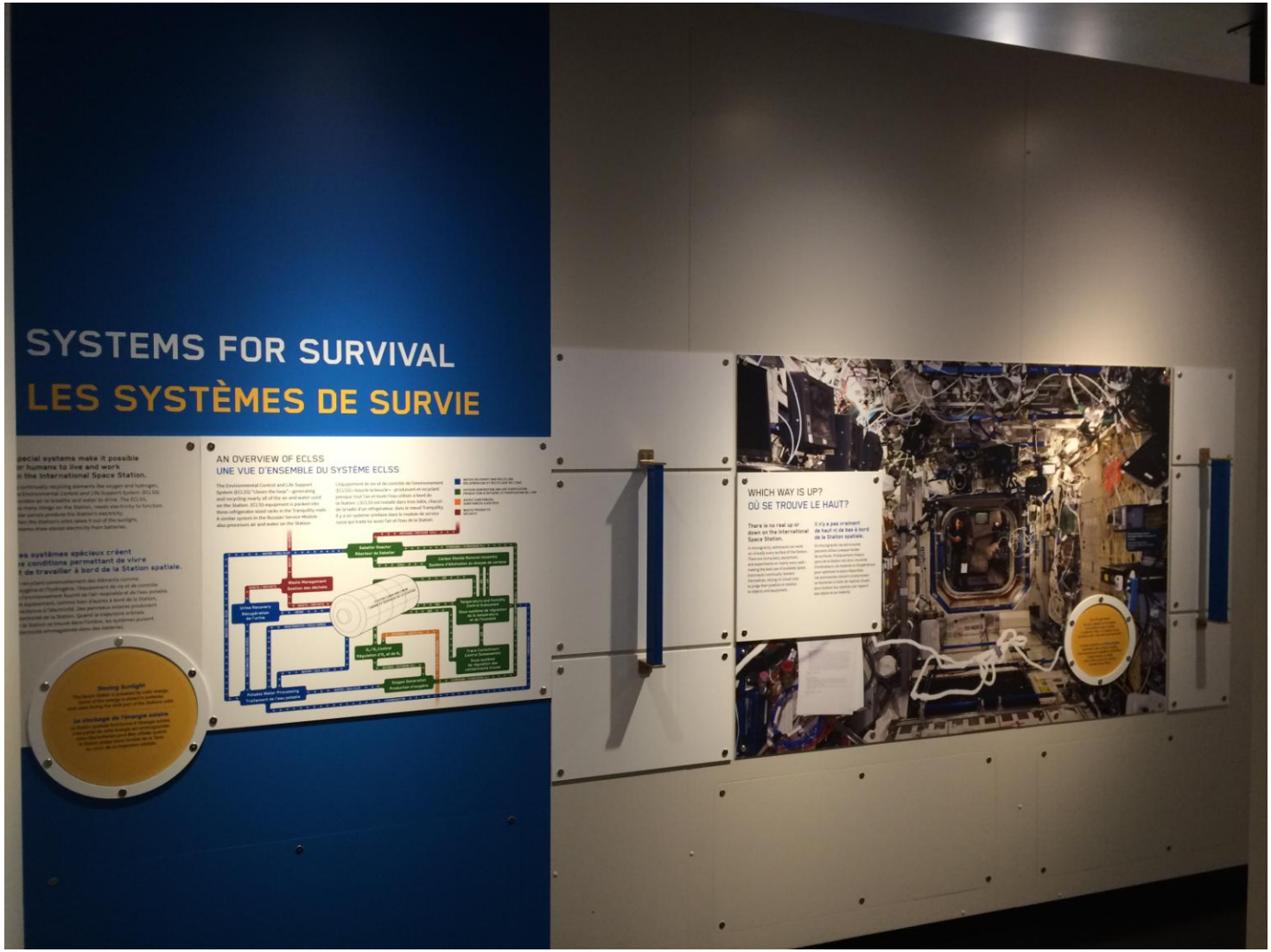


Final Exhibition Installation – Hatch



Final Exhibition Installation – International Program

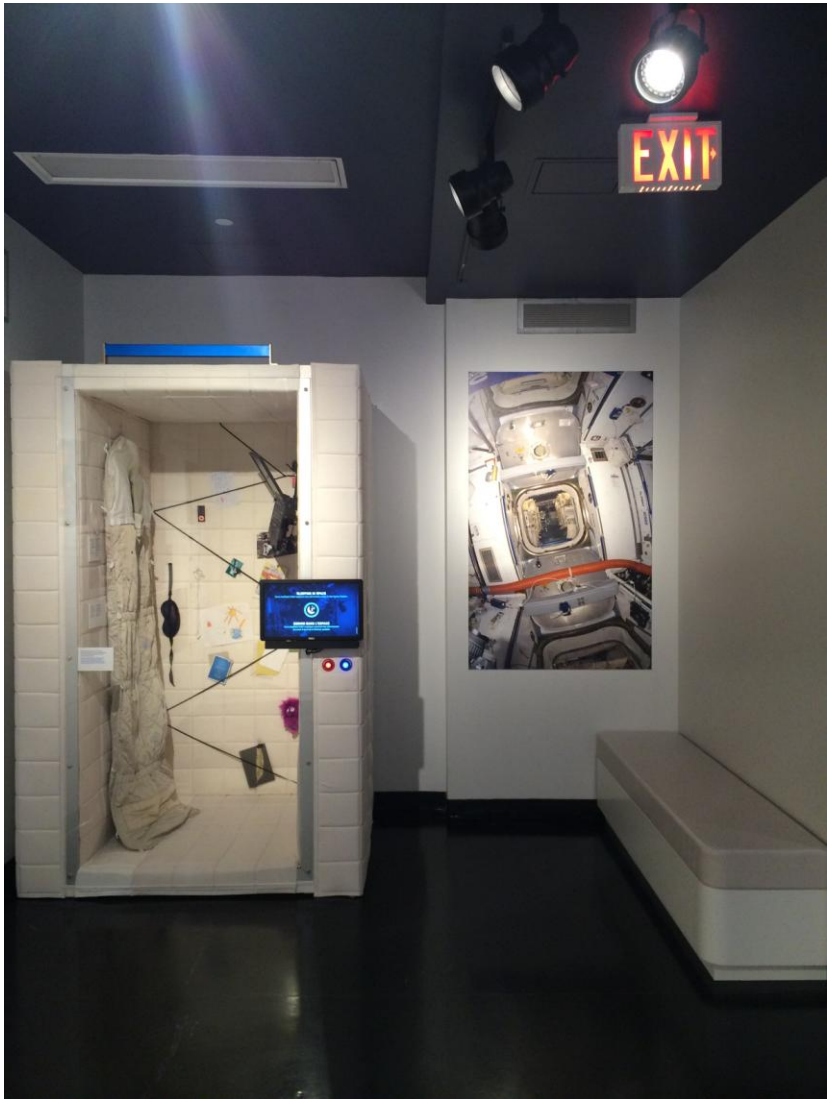
Final Exhibition Installation – Intro to Systems



Final Exhibition Installation – Cont’d

Final Exhibition Installation – Life's Essentials

Final Exhibition Installation – Sleep Pod



Final Exhibition Installation – Sleep Pod 2

Final Exhibition Installation – Orbital Outhouse

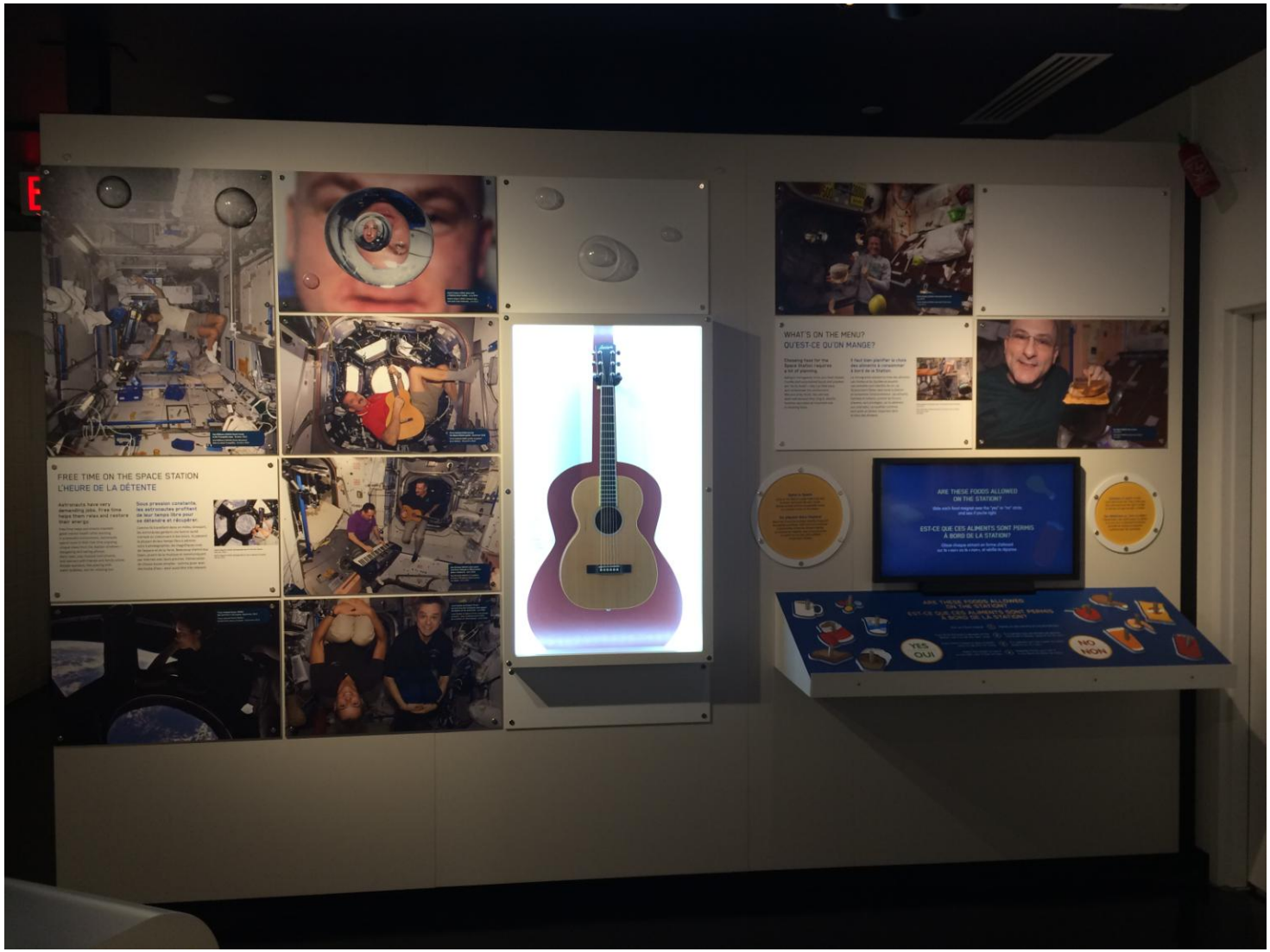
Final Exhibition Installation – Orbital Outhouse 2

Final Exhibition Installation – Water System

Final Exhibition Installation – Overall View

Final Exhibition Installation – Overall View (panorama)

Final Exhibition Installation – Free Time



Final Exhibition Installation – Astronaut Photography

Final Exhibition Installation – Food

Final Exhibition Installation – EMU Suit

Final Exhibition Installation – EMU Suit 2

Final Exhibition Installation – Helmet Interactive

Final Exhibition Installation – Space Gloves

Final Exhibition Installation – Canadarm2 Simulator

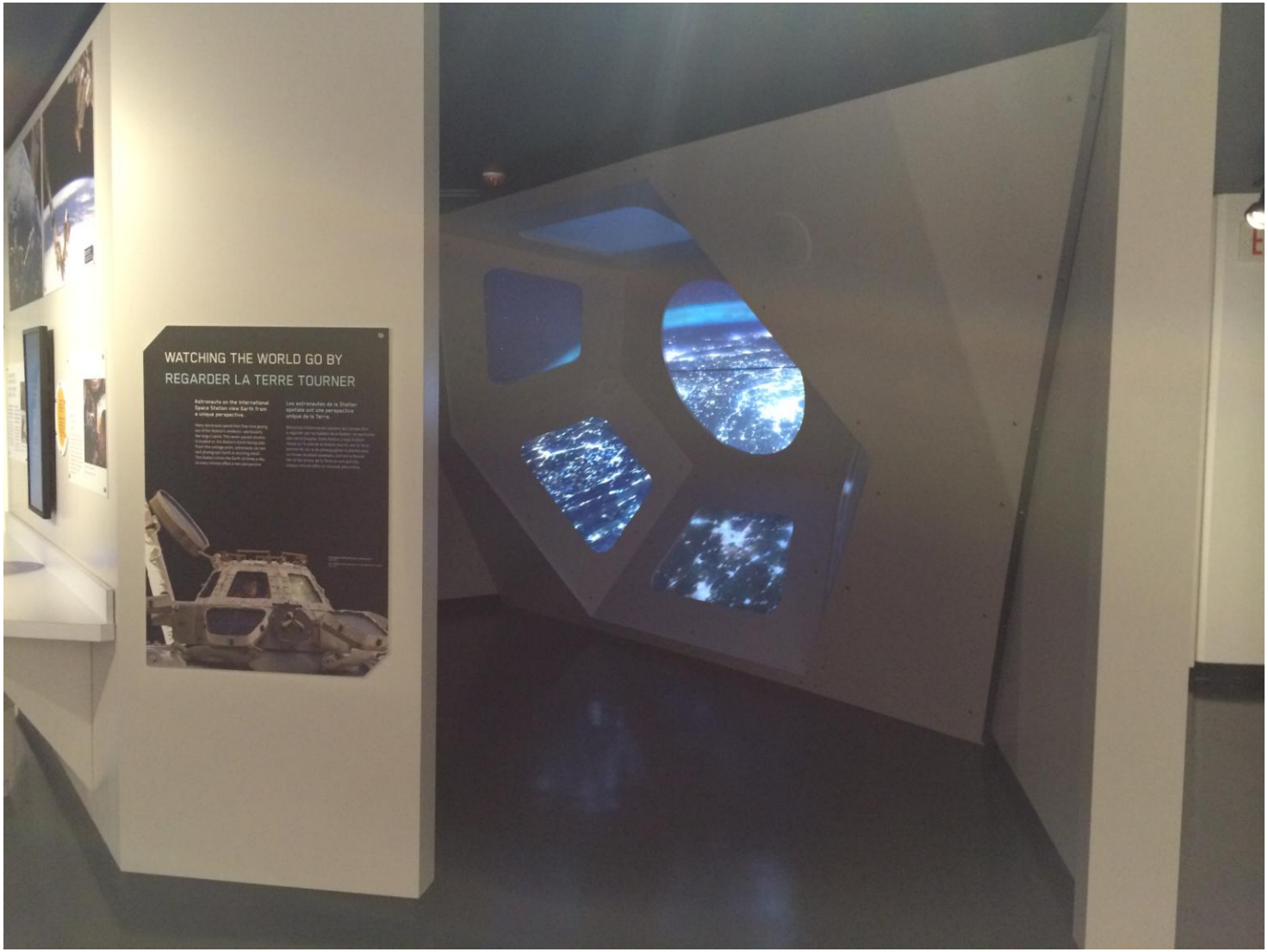
Final Exhibition Installation – Bodies in Space

Final Exhibition Installation – Exercise

Final Exhibition Installation – Exercise (panorama)

Final Exhibition Installation – Research Projects

Final Exhibition Installation – The Cupola



Exhibition Opening

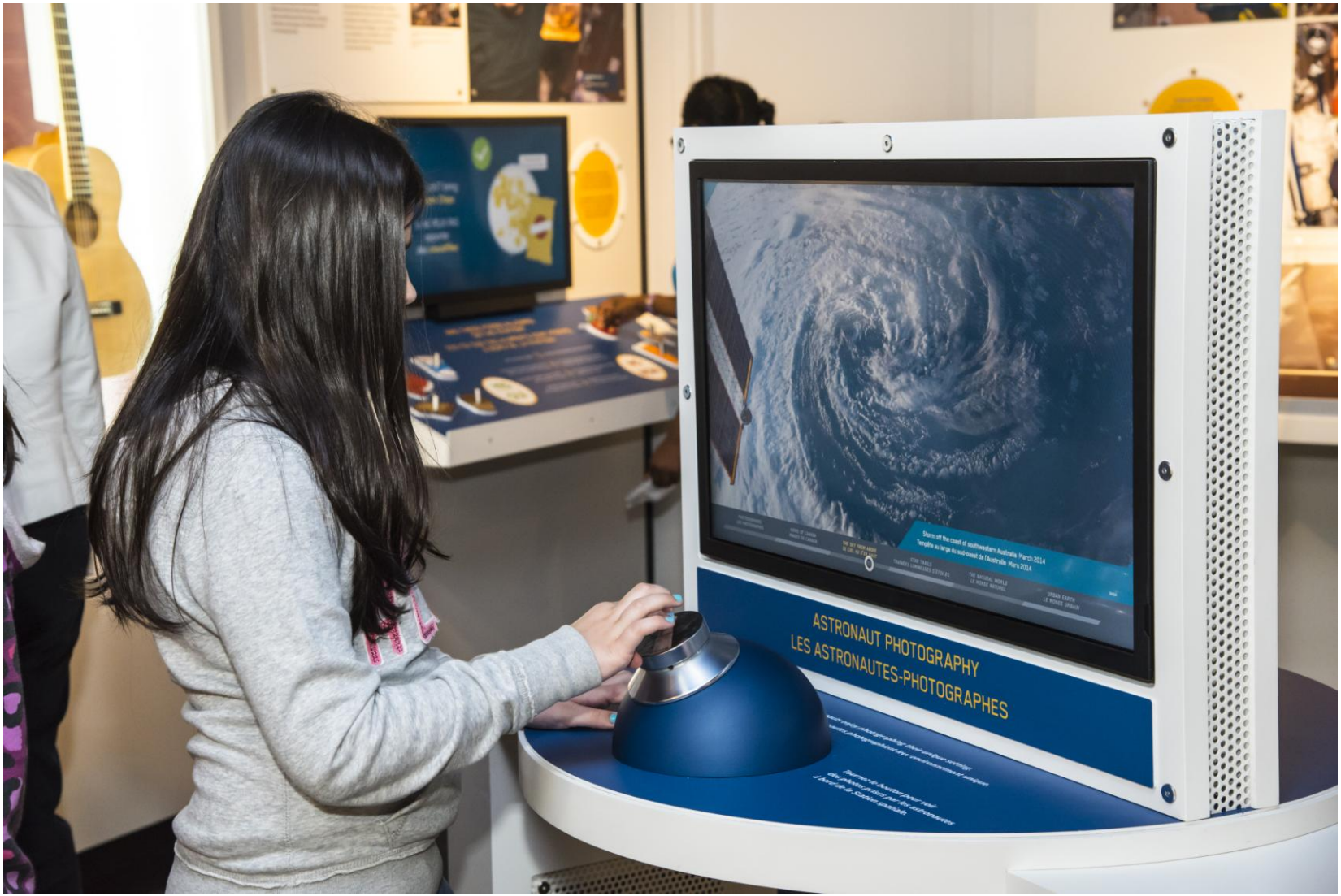
Exhibition Opening - ARED

Exhibition Opening - Guitar

Exhibition Opening – Space Gloves

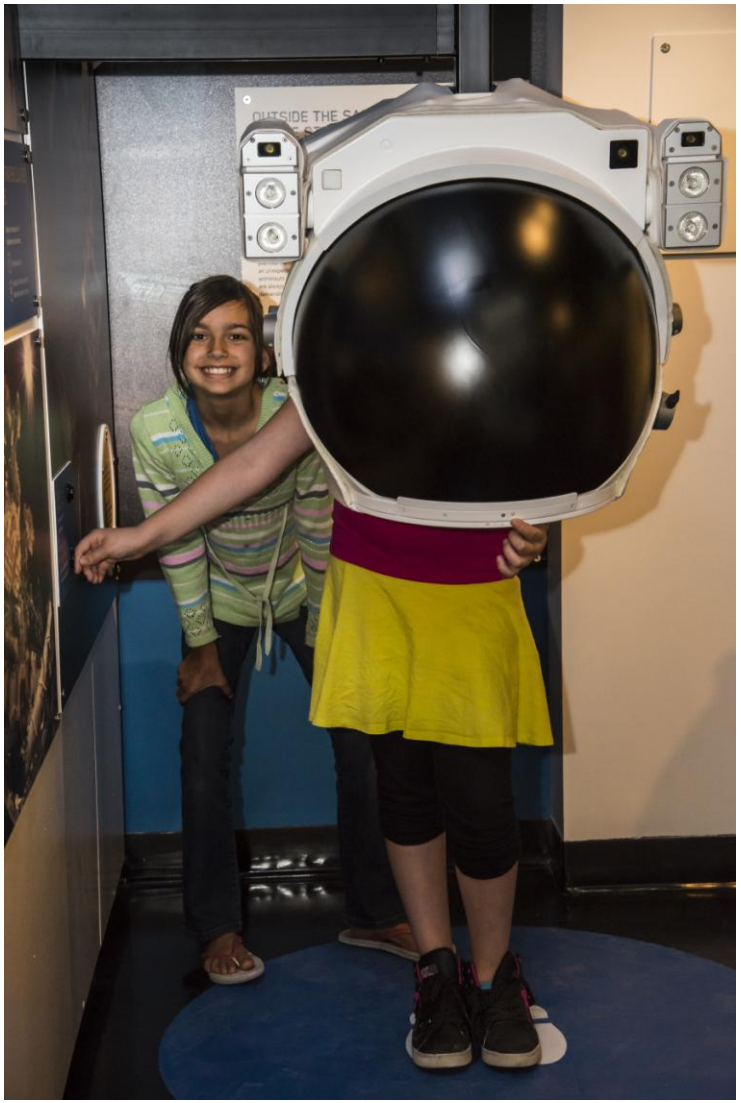
Exhibition Opening – Canadarm2 Simulator

Exhibition Opening – Astronaut Photography – Spin Browser



Exhibition Opening – Food Selections

Exhibition Opening – Helmet Interactive



Exhibition Opening – Wide View