

The background of the slide is a photograph of a sunset or sunrise. The sky is filled with dark, heavy clouds, with a bright orange and yellow glow from the sun just below the horizon. In the foreground, the silhouettes of various structures are visible against the dark sky, including what appears to be a wind turbine or a similar structure on the left and a tall utility pole on the right.

Mobile Rapid Response Laboratory

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Outline

- Questions to be asked
- Update
- Design
- A Tour of the Shelter
- Objectives: Primary/Secondary
- Where do we go from here?/Questions to be answered
- Regional Updates??

Questions to be answered

- Where are you (Regions) with respect to ER?
- Do we need a concerted effort or response? Should we network?
- Are you working with your S/L/T contacts?
- Do you want OAQPS to lead an effort?
- How do we fit into the EPA's Homeland Security Plan?

Update

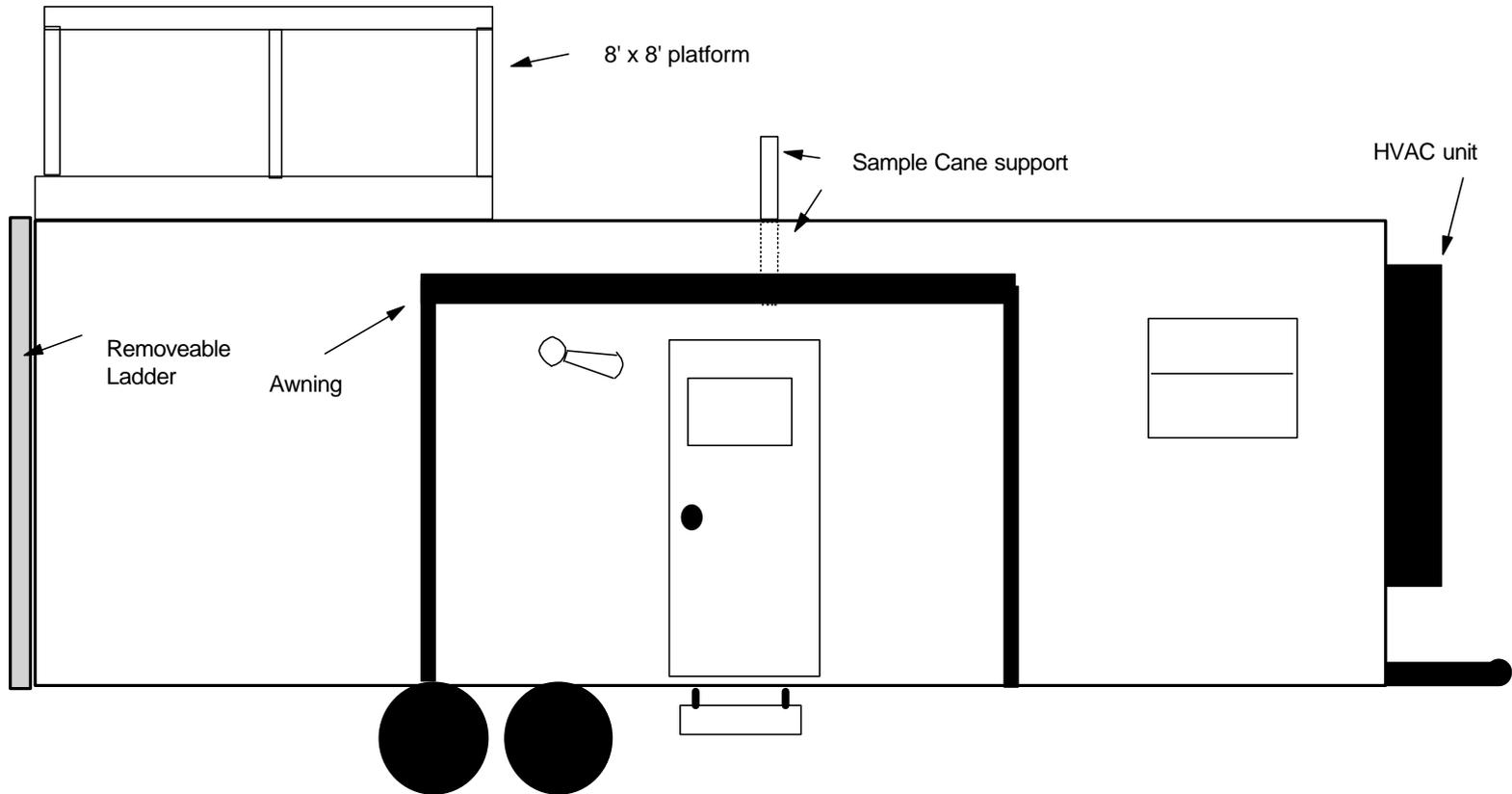
- Mobile Rapid Response Laboratory (MRRL) commissioned in early 2003
- Lab structure arrived June 2003
- Outfitting July/August 2003
- Team chosen from MQAG and MMTG
- Training starting September - October 2003
- Procurement of towing vehicle - ongoing

Design

Design was based on several factors:

- Mobile Monitoring Station
- Saturation Study Platform
- Emergency Response HQ
- Telemetry Center

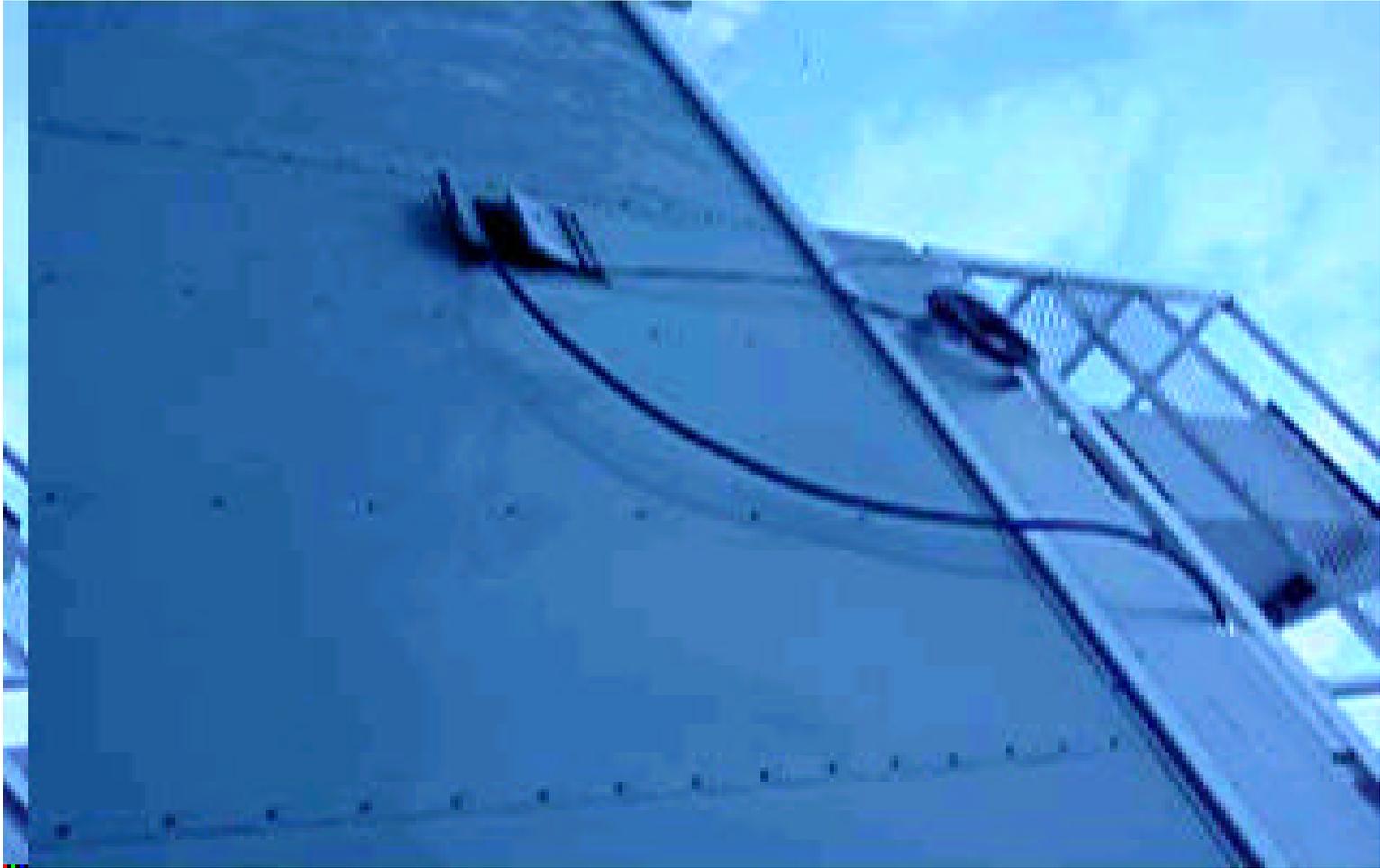
A Tour of the Shelter



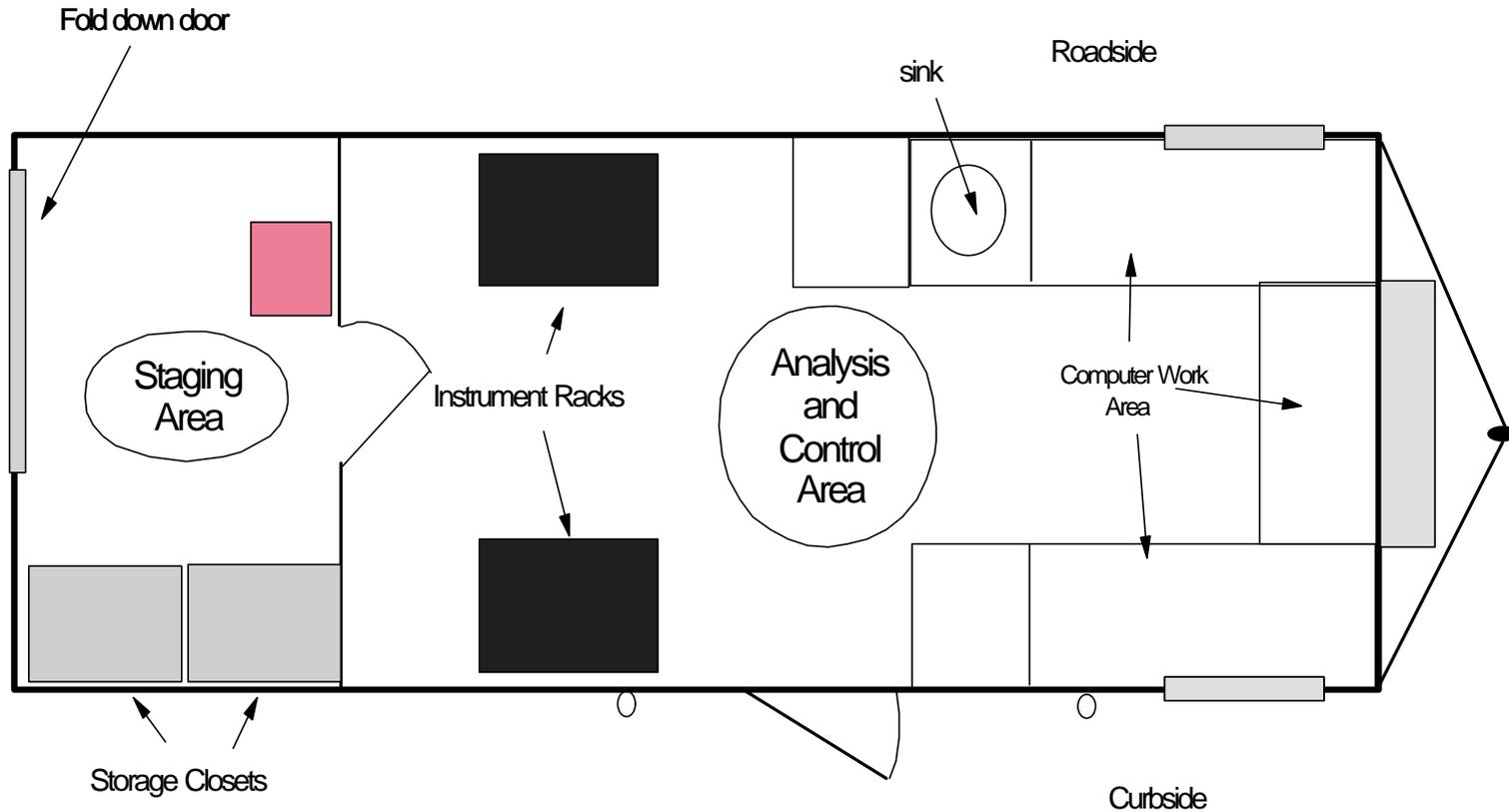
A Tour of the Shelter



A Tour of the Shelter



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A Tour of the Shelter



Objectives: Secondary and Primary

MRRL multi-tasking design

Primary use: Emergency Response

When/Where: To Be Determined

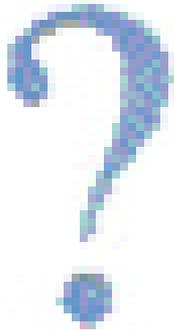
Secondary use (order of priority):

- Air Toxics Community Assessments: i.e, Charlotte, NC or Cincinnati, OH.
- Tribal Support
- Ambient Air Monitoring Strategy Support, i.e., NCore demo
- Source/Fenceline Monitoring
- ORD research support

Current List of Equipment

<u>Type</u>	<u>Continuous</u>	<u>Handheld</u>	<u>Discrete</u>
Global Positioning		X	
Radiological Agents		X	
Chemical Agents		X	
Biological Agents		X	
Meteorological	X		
Inorganic Gases	X		
Semi-Vol Organics			X
Volatile Organic Gases		X	X
Particles - fine/coarse	X	X	X
Asbestos			X

Where do we go from here?



Questions to be answered

- Where are you (Regional) with respect to ER?
- Do we need a concerted effort or response? Should we network?
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- Do you want OAQPS to lead an effort?
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Regional Updates??