

Environmental Control Systems for Shelters

Concept Design, Supervision of Installation and Commissioning

DESCRIPTION

Heierli Consulting Engineers has been designing concepts for the Environmental Control Systems (ECS) for shelters over the last four decades.

Advising the specialist MVAC Engineers in the detail design of the systems and supervising installation and commissioning, as well as establishing operation and maintenance manuals has been among Heierli Consulting Engineers' scope of works

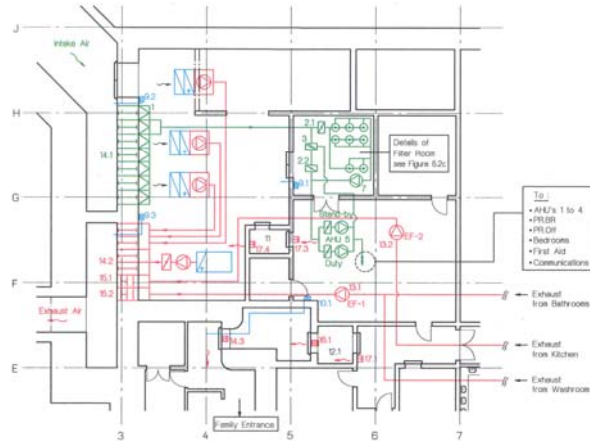


Commissioning of an EC System

CONCEPT DESIGN OF ENVIRONMENTAL CONTROL SYSTEMS FOR SHELTERS

Heierli's scope of services includes

- Design of ventilation and air conditioning concepts to protect shelter occupants from the effects of conventional, nuclear, chemical and biological threats.
- Establishment of operation manuals for particular facilities.
- Establishment of maintenance manuals for individual systems.
- Trouble-shooting guidelines for emergency situations.



Plant Room Conceptual Layout

INTEGRATED SYSTEMS TESTS

Heierli Consulting Engineers offer their know-how and practical experience gathered over the past four decades on

- Preparation of integrated systems tests for the verification of the proper functioning of all related systems.
- Commissioning of the systems on behalf of the client.
- Establishment of defects lists and supervision and verification of rectification measures by the contractors.



Measuring Air Quantities at Intake Air Plenum