
Key feature: Building with Utility Integration



**Robust
Transportable
Factory-built**

Office Building c/w integrated Wastewater Management System & Potable Water Treatment or Storage System

Two 40' long ISO container units are combined to create a basic 5-room-structure; as per customer requirement several convenient features can be added:

- “Class room ready” -- integrated computer desks and wiring
- Compact “convenience kitchen” with maximum 6’ countertop space
- Upgraded insulation for arctic environments
- 2-piece or 3-piece washroom with
 - **Integrated self-contained potable water storage and treatment system** and/or
 - **Integrated environmentally friendly wastewater management system.**
- Secondary washroom with separate entrance from outside
- Secure storage room with inside or outside access
- Power supply (line power or stand-alone system)

Ideally suited for:

- **Site supervision office for construction camps**
- **Management / site supervision office for fire fighting camps or disaster relief camps**
- **Class-rooms and school additions (temporary or permanent)**
- **Remote airport waiting room, cargo management and ticketing office**
- **“Overflow” accommodation for existing offices, schools or workshops (temporary or permanent)**

Each unit is custom designed to meet customer requirements.

CONVENIENCE:

The seamless integration of a factory assembled building including

- Indoor washroom(s) and compact kitchen (upon request) and
- Associated potable water treatment or storage system plus wastewater management system and
- Line power access or stand-alone power supply system (generator)

creates a **stand-alone module** that can easily be installed at any remote site. The unit is factory assembled in a controlled environment, has a short turn-around time and is delivered in a **ready-to operate condition**.

No requirement for installation of underground septic tanks, outdoor toilets or below ground piping systems.

• **Integrated Wastewater Management System:** Treatment results of the integrated wastewater management system depend on the incoming sewage quality. On average, the management / treatment should result in the following discharge quality: BOD below 10 mg/liter, TSS below 10 mg/liter and 99% removal of fecal coliform.

The wastewater management technology has obtained variances from several Canadian Provinces allowing for a more streamlined application and installation process.

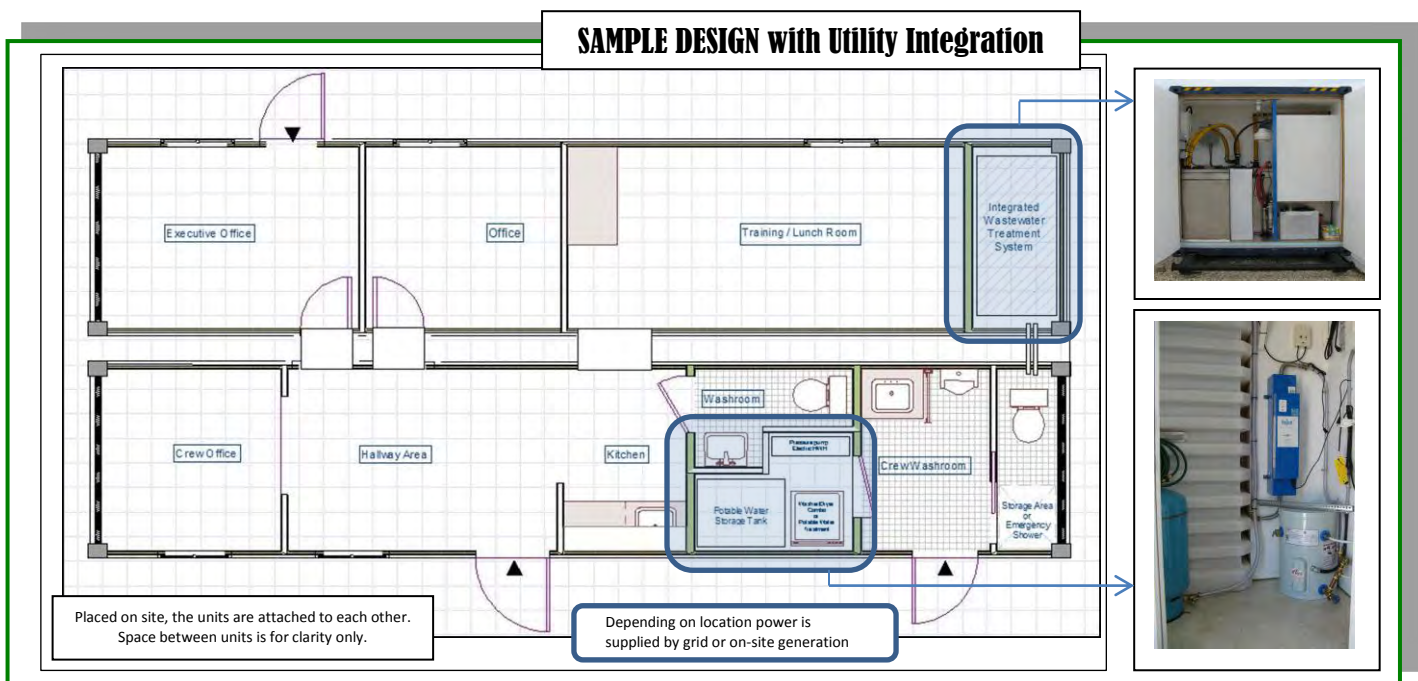
• **Integrated Potable Water Treatment System:** All components (membrane and UV disinfection system) are NSF approved.

TECHNOLOGY:

ACPI developed the containerized transportable utility technology in 1999.

In 2003, the first units have been introduced into the western Canadian oil field servicing industry.

- Presently the associated Alberta based leasing company has on average 100 to 150 treatment units under lease to numerous companies in the oil and gas exploration, forestry and mining business.



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