


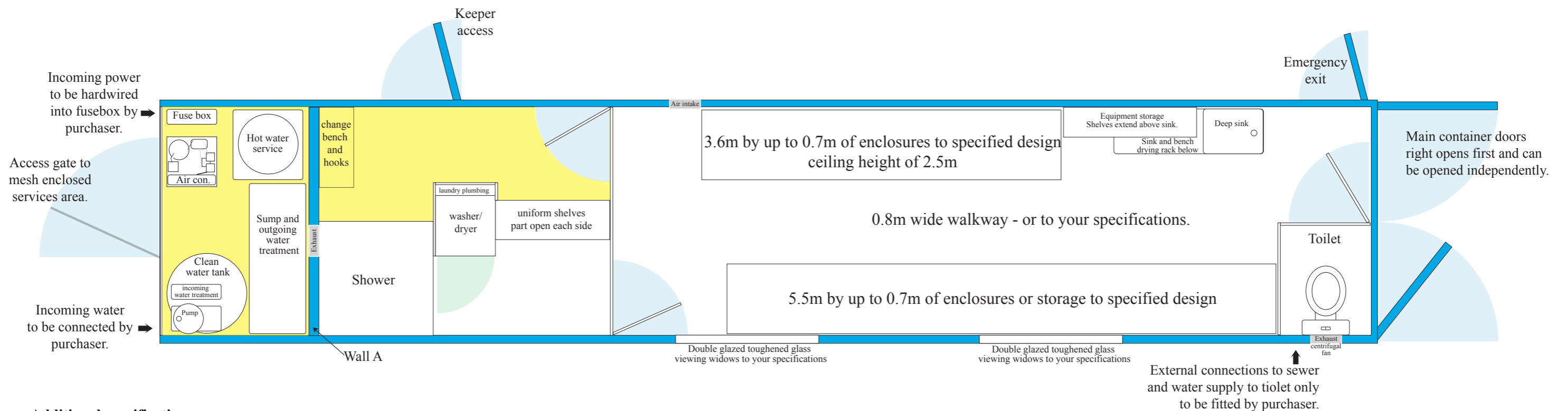


## Design for flexible quarantine 12.1m (40foot) Modified Shipping Container for Amphibian Facility

### Fully equiped, connection to cold water, sewage and power only by purchaser. □ □ Scale 1:40

Copyright: Amphibian Research Centre 2006 document circulated in the trust that you will respect our intellectual investment in development of these quarantine and amphibian facilities. Please consult the document "Container design program.xls" for a full explanantion of items shown and to determine your own specific needs, design and costs.

-  Quarantine unrestricted areas (potentially exposed to background pathogens or staff prior to disinfection)
-  Door openings and direction of opening
-  Fully insulated waterproof walls rated for use in -30°C freezers (usually stainless steel inside and out with expanded foam internal insulation)



#### Additional specifications:

Facility constructed from 40 foot refrigerated reefer shell. Refrigeration machinery removed. Additional internal walls constructed. Original walls: Usually stainless steel inside and out, sometimes aluminium. Additional temperature bearing walls (A): Waterproof coolroom panel (polystyrene filled colorbond coated steel sheets) Non temperature bearing internal walls and shelves: Made from a combination of galvanised steel, colorbond coated steel flat sheeting, plastic and aluminium. Floors: moulded aluminium channel. Windows: 25mm spaced double glazed 10mm toughened glass or to your specifications. All materials waterproof and humidity proof.

A wide range of options for temperature control, lighting programming, intake and exit waste water sterilisation are available. The ARC has also developed many enclosure and environmental maintenance designs for frogs and tadpoles with a diversity of needs. Each facility is constructed to your requirements after discussion of the proposed project and your needs, ensuring you the benefit of our vast experience in frog husbandry and captive conservation.

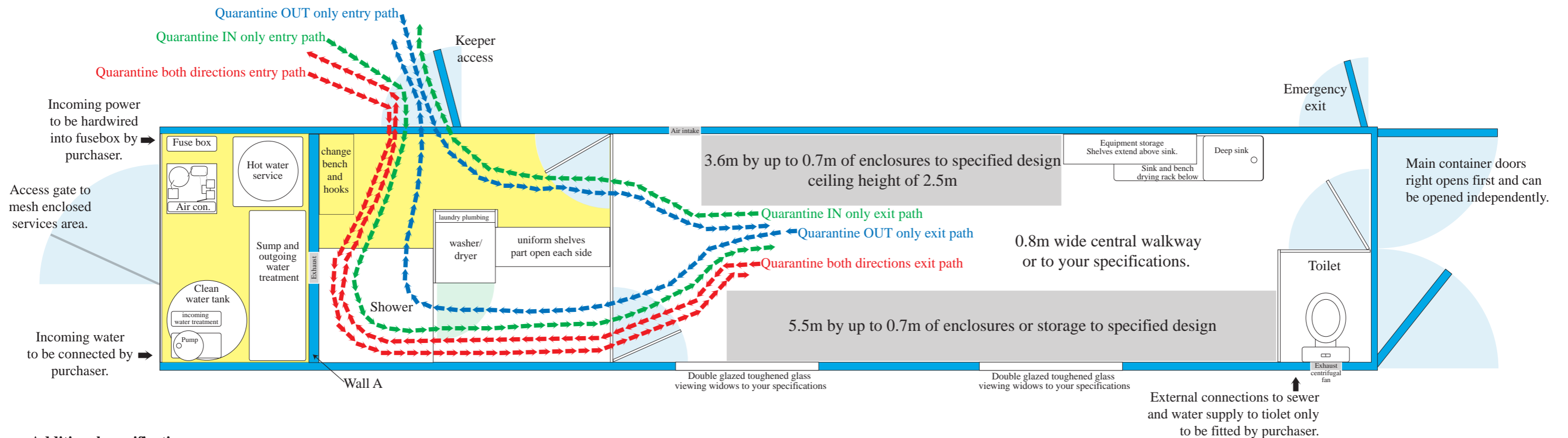
Facility can be provided with some or all of the equipment indicated. See the spreadsheet "Container design program.xls" for choices of options and costs. Please refer to the additional facility diagrams for construction including less options or equipment, or for placement of some equipment external to the facility. These Options may result in more internal space for animal housing. Please contact the ARC to assist in design of your facility. Consult on facility design is available either as part of an ARC constructed facility or to aid you with in house development. See the spreadsheet for consult costs.

## Entry and exit paths for different quarantine scenarios

### Design for flexible quarantine 12.1m (40foot) Modified Shipping Container for Amphibian Facility Fully equiped, connection to cold water, sewage and power only by purchaser. Scale 1:40

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- Quarantine unrestricted areas (potentially exposed to background pathogens or staff prior to disinfection)
- Door openings and direction of opening
- Fully insulated waterproof walls rated for use in -30°C freezers (usually stainless steel inside and out with expanded foam internal insulation)



#### Additional specifications:

Facility constructed from 40 foot refrigerated reefer shell. Refrigeration machinery removed. Additional internal walls constructed. Original walls: Usually stainless steel inside and out, sometimes aluminium. Additional temperature bearing walls (A): Waterproof coolroom panel (polystyrene filled colorbond coated steel sheets) Non temperature bearing internal walls and shelves: Made from a combination of galvanised steel, colorbond coated steel flat sheeting, plastic and aluminium. Floors: moulded aluminium channel. Windows: 25mm spaced double glazed 10mm toughened glass or to your specifications. All materials waterproof and humidity proof.




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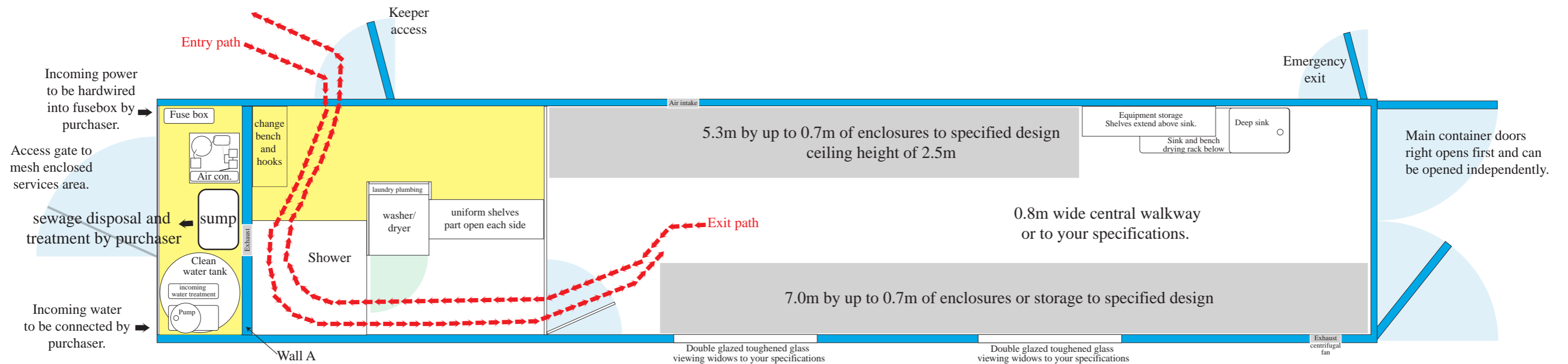
Facility can be provided with some or all of the equipment indicated. See the spreadsheet "Container design program.xls" for choices of options and costs. Please refer to the additional facility diagrams for construction including less options or equipment, or for placement of some equipment external to the facility. These Options may result in more internal space for animal housing. Please contact the ARC to assist in design of your facility. Consult on facility design is available either as part of an ARC constructed facility or to aid you with in house development. See the spreadsheet for consult costs.

## Design for Full quarantine 12.1m (40foot) Modified Shipping Container for Amphibian Facility

### Some equipping and external supply of water/sewage in and out by purchaser. Scale 1:40

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-  Quarantine unrestricted areas (potentially exposed to background pathogens or staff prior to disinfection)
-  Door openings and direction of opening
-  Fully insulated waterproof walls rated for use in -30°C freezers (usually stainless steel inside and out with expanded foam internal insulation)



#### Additional specifications:

Facility constructed from 40 foot refrigerated reefer shell. Refrigeration machinery removed. Additional internal walls constructed. Original walls: Usually stainless steel inside and out, sometimes aluminium. Additional temperature bearing walls (A): Waterproof coolroom panel (polystyrene filled colorbond coated steel sheets) Non temperature bearing internal walls and shelves: Made from a combination of galvanised steel, colorbond coated steel flat sheeting, plastic and aluminium. Floors: moulded aluminium channel. Windows: 25mm spaced double glazed 10mm toughened glass or to your specifications. All materials waterproof and humidity proof.

A wide range of options for temperature control, lighting programming and intake water sterilisation are available. The ARC has also developed many enclosure and environmental maintenance designs for frogs and tadpoles with a diversity of needs. Each facility is constructed to your requirements after discussion of the proposed project and your needs, ensuring you the benefit of our vast experience in frog husbandry and captive conservation.

Facility can be provided with some or all of the equipment indicated. See the spreadsheet "Container design program.xls" for choices of options and costs. Please refer to the additional facility diagrams for construction including more or less options or equipment, or for placement of some equipment external to the facility. These Options may result in more internal space for animal housing. Please contact the ARC to assist in design of your facility. Consult on facility design is available either as part of an ARC constructed facility or to aid you with in house development. See the spreadsheet for consult costs.

