

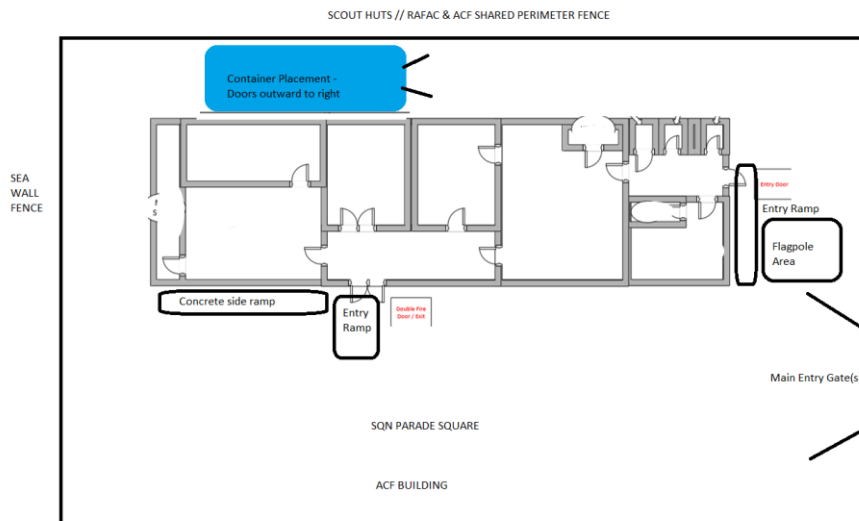
PROPOSAL

We seek approval for installation of storage existing envisage using such a store to house:

- Low-value Adventure training equipment
- Tools
- Sports equipment
- Spare furniture

The container should be sited in a location that is reasonably easy to access but does not occupy an area such that it impedes normal squadron operations and activities.

A site behind the HQ has been identified as the optimum location. See the plan below (container not to scale):



We considered the option of a standard pre-used shipping container. This option was not pursued for several reasons:

- Access to the Squadron premises is limited by a narrow, mostly unpaved track with 90° turns; delivery would be problematic from a heavy vehicle.
- The shipping container would not be able to be sited in the optimum location behind the squadron.
- The weight of a standard shipping container would require a serious degree of ground support.
- The shipping container would never be able to be moved.
- As a more permanent addition to the squadron footprint, planning and landlord permissions will be more problematic.
- The cost of a container was too high, given the limitations outlined above.

We recommend a flat-packed self-build solution and have identified the following product:

DETAILS

Civilian Committee the purchase and a secure outdoor container from Squadron funds. We

[Flat Pack Storage Container 4 Metre \(4m x 2.1m\) \(budgetshippingcontainers.co.uk\)](http://budgetshippingcontainers.co.uk)

- 4064mm long x 2149mm wide x 2093mm high flat pack storage container
- Approximate internal dimensions – 3899mm long x 1984mm wide x 1970mm high
- Door width – 1250mm
- Comes in separate panels, allowing access into the tightest of spots
- Weighs 454kg
- Very simple to assemble
- Galvanised Steel Construction
- Double locking door
- Can be retro-fitted with a variety of shelving options
- Can be returned to flat pack, moved and rebuilt if needed.



The location chosen is currently a roughly lawned area. To support the container, the manufacturer recommends a simple arrangement of railway sleepers at each end, or a paving slab beneath each corner. We intend to provide a more robust solution of a concrete and sub-base strip at each end, on which the containers adjustable feet will rest. This method also reduces the remediation work required if we were to move the container, compared to a full concrete base.

ANTICIPATED ISSUES / LIMITATIONS / SAFETY

- Some supporting groundwork / preparation will be required, although being considerably lighter than a standard shipping container, the scale of such works will be reduced.
- The groundworks can be carried out by squadron staff without specialist equipment and using readily available materials. A concrete mixer will be borrowed from the Scouts next door.
- We anticipate a requirement for lighting and/or power sockets at some point in the future, but as these works cannot be commissioned or performed by squadron staff, these will be the subject of a future RFCA request via the correct channels in due course.
- There is no requirement for running water or sanitary / wastewater outflow.
- No items susceptible to environmental conditions (rations, clothing for example) will be stored in the container.
- No items of significant value or military sensitivity will be stored in the container.
- Delivery of the item may still be problematic given the squadron's location. However, as the item is self-assembled, each component part is manageable by two persons, and can therefore be carried from the main roadside (50 meters).
- Squadron staff possess the necessary safety wear appropriate for the job:
 - Hard hats
 - Gloves
 - Eye- and skin-protection (concrete mixing)
 - Reinforced shoes

EXPENDITURE DETAIL

Item	Supplier	Quantity	Price (inc VAT)	Total
Flat Pack Storage Container 4 Metre (4m x 2.1m)	www.budgetshippingcontainers.co.uk	1	£ 1,974.00	£ 1,974.00
- Blue powder coat finish	"	1	£ 240.00	£ 240.00
- Levelling feet	"	1	£ 48.00	£ 48.00
Ballast 25kg	B&Q	20	£ 2.78	£ 55.60
Blue Circle Multipurpose Cement, 25kg Bag	B&Q	4	£ 5.18	£ 20.72
Tarmac Subbase, Large Bag	B&Q	20	£ 4.24	£ 84.80
Rough sawn Whitewood Stick timber (L)2.4m (W)75mm (T)25mm, Pack of 4	B&Q	1	£ 25.92	£ 25.92
Rough sawn Whitewood spruce Timber (L)2.4m (W)75mm (T)25mm	B&Q	2	£ 6.48	£ 12.96
			Total:	£2,462.00

TIMESCALES

Groundworks: Two days, with a week for concrete base to set.

Assembly: One day

PARTIES RESPONSIBLE

Squadron adult staff (Anticipated 3, minimum 2)

ADDITIONAL INFORMATION

Concrete dimensions: Two strips of 2.4m x 0.75m x 10cm depth = 0.36m³ of concrete.

Based on a ballast to cement standard 5:1 mix, and using 25kg bags, this equates to 20 bags of ballast and 4 bags of cement.

An equivalent layer of sub-base requires 20 bags of sub-base material.