

Changingplaces

The sportscotland Facilities Team have developed an exemplar design for changing facilities for team sport. These designs and details of the various construction methods available are illustrated on 8 separate sheets and are intended to help sports clubs at the initial stages of their facilities development.

The pavilion designs have been developed in collaboration with members of the construction industry using containerised, modular and off-site manufacturing processes. The designs have been adapted to suit each construction method, where required, and recently built examples of pavilions have been included for more traditional construction types.

We have highlighted some advantages and disadvantages of using these particular construction types. While not exhaustive list, it is intended to give a quick guide to help determine the priorities facing each project and point organisations in the direction of the appropriate construction method. Indicative costs have been provided as a guide for budgeting purposes and to aid decision making only.

These reference exemplars are to be used as starting point for organisations looking to employ an architect-led team to design their facility. Each organisation must develop their own projects to an appropriate stage before applying to sportscotland for potential funding. More information on this can be found in our Sports Facilities Fund Guidelines, www.sportscotland.org.uk/sff

sportscotland would like to thank the following companies for their support and assistance in development of **changingplaces** research.

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|----------------|--------------------|-----------|--------------------------|
| Portakabin Ltd | Caledonian Modular | Rebox Ltd | John Gilberts Architects |
| CCG Ltd | Sibcas Ltd | Wernick | Hadden Construction |



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Changing places suitability



2 Team changing & clubroom



4 Team changing & clubroom



Suitability

Start up clubs, Site with a single pitch, Youth teams

Youth and Senior sections, Sites with 1 to 2 pitches, Multi sport clubs.

Multi team clubs, Sites with 2 or more pitches, Multi sports clubs/ Community sports hubs

Masonry Construction



Cost

£1000-1500 per m²

£1000-1500 per m²

£1000-1500 per m²

Area & Dimensions

111m² (10.3m x 10.8m)

162m² (15m x 10.8m)

273m² (25.2m x 10.8m)

Advantages

- Client in full control of design, cost and contract
- Can be a robust, sustainable solution

Disadvantages

- On site construction can take longer
- Quality dependant on skill level and management of tradesmen

Timber Construction



Cost

£1000-1500 per m²

£1000-1500 per m²

£1000-1500 per m²

Area & Dimensions

111m² (10.3m x 10.8m)

162m² (15m x 10.8m)

273m² (25.2m x 10.8m)

Advantages

- Client in full control of design, cost and contract
- High standard of quality and accuracy

Disadvantages

- On site construction can take longer
- Quality dependant on skill level and management of tradesmen

Off site Construction



Cost

£1000 per m²

£965 per m²

£850 per m²

Area & Dimensions

111m² (10.3m x 10.8m)

162m² (15m x 10.8m)

273m² (25.2m x 10.8m)

Advantages

- Factory controlled quality
- Speed due to reduced on site construction

Disadvantages

- Variations during construction are costly
- Limited by standardisation

Passivhaus Construction



Cost

£1520 per m²

£1090 per m²

£1080 per m²

Area & Dimensions

105m² (10.5m x 11m)

185m² (16.2m x 10.5m)

290m² (27m x 10.5m)

Advantages

- Environmentally friendly solution
- Very low annual running costs reduces overall club expenditure

Disadvantages

- Additional cost to employ Passivhaus consultant
- Site orientation and location are important.

Modular Construction



Cost

£1085 – £1555 per m²

£1010 - £1490 per m²

£980 - £1520 per m²

Area & Dimensions

94m² (10.3 x 9.1m)

137m² (15m x 9.1m)

228m² (25.2m x 9.1m)

Advantages

- Speed of construction
- Limited site works required

Disadvantages

- Buildings appearance may present Planning issues
- Restricted to standard module sizes

Containerised Construction



Cost

£850 per m²

£865 per m²

£875 per m²

Area & Dimensions

107m² (17m x 6.2m)

150m² (12.3m x 12.2m)

238m² (22m x 12.2m)

Advantages

- Speed of installation
- Cost effective for larger footprint

Disadvantages

- Buildings appearance may present Planning issues
- Limited variations available

Single Changing Container



Cost

£700 per m²

N/A

N/A

Area & Dimensions

40m² 2x(3.2m x6.2m)

N/A

N/A

Advantages

- Cost effective youth changing
- Fast construction

Disadvantages

- Limited size and functionality
- Limited life span