



# Swimming Pools

Use with the Swimming Pools design guidance note





### Foreword

Sport England believes that good design of sports facilities needs to be based on a sound understanding of all key issues identified in the design guidance publications available for download from the Sport England website.

Good design needs to be embraced within the earliest vision statement for a particular project and enshrined in the initial briefing stage through to the final detailed specifications and operational arrangements.

### Purpose

These audit sheets are intended to be a 'flexible' and 'easy to use' tool for reviewing swimming pool projects at their various stages of development. For example they might be used to help with:

- Establishing the initial brief
- Customer attitude surveys
- Detailed 'sign off' process for a new design, as it moves through the various stages of development<sup>1</sup>.

Users of the audit sheets will need to use judgment to decide which headings are relevant to the particular audit processes to be undertaken.

The sheets are set out in the form of a checklist of the main issues covered in the Sport England Design Guidance Note 'Swimming Pools'. Each heading has a page cross-reference to the original document and there are columns for the user to make comments or to note future actions as might be deemed necessary. Additional sheets at the back of the document can be printed for any sections requiring further detailed checklist criteria.

By necessity the audit sheets are only intended to give an abbreviated overview. Reference should always be made to the Swimming Pools Design Guidance Note for full details<sup>2</sup>. References should be made to other guidance notes in the series such as '**Accessible Sports Facilities**'.

For more technical aspects of swimming pool design other specialist publications and standards should be referred to.

<sup>1</sup> See RIBA Outline Plan of Work:  
<http://www.ribapublishing.com/publications/practiceManagement/planWork.asp>

<sup>2</sup> Current updated version is available for download from the Sport England website.



### Overall objectives

Have you checked the introduction and early consideration for:

- National Statistics?
- Trends?
- Condition and public expectation?
- Partnership and cooperation?
- Financial sustainability?
- Strategic issues?
- Size and shape of water?
- Level of competition?
- Pool capacity?
- Leisure features?

***Sport England's Design Guidance Note Audit Sheets aim to:***

- ***Increase awareness of good design in sports facilities.***
- ***Help key building professions, clients, user representatives and other stakeholders to follow best practice.***
- ***Encourage well designed sports facilities that meet the needs of sports and are a pleasure to use.***

## 3.0 Site

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
12	<b>Location and site evaluation</b>					
	• Is there space for future expansion?					
	• Is the site fully accessible for pedestrians, cyclists, coaches, cars, public transport, service and emergency vehicles?					
	• Is there adequate parking for staff and pool users?					
	• Have site constraints been considered ie. shape, contours, visual impact etc?					
	• Has the bearing capacity of the ground, soil condition and depth of water table been considered?					
	• Consider location of existing public services?					
	• Consider links with existing recreational sports and educational facilities?					
	• Is the parking/road network logically laid out?					
	• Is there a safe and convenient drop off point by the main entrance?					
	• Does the facility look attractive and inviting by day and night?					

*If not, what needs to be done to address this?*

Checklist must be used in conjunction with the Sport England Guidance Notes 'Swimming Pools' and 'Accessible Sports Facilities'

## 3.0 Site

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
12	<b>Site Planning</b>					
	<ul style="list-style-type: none"> <li>Has the position of existing and new access roads and public utility services been well considered?</li> </ul>					
	<ul style="list-style-type: none"> <li>Is the facility easily identifiable and visible and does it compliment its surroundings?</li> </ul>					
	<ul style="list-style-type: none"> <li>Is the service and maintenance access separate from public car parking and the main entrance?</li> </ul>					
	<ul style="list-style-type: none"> <li>Is there a dedicated space for service and emergency vehicles?</li> </ul>					
	<ul style="list-style-type: none"> <li>Is the location and orientation of windows appropriate for privacy, and avoidance of glare and specular reflection?</li> </ul>					
	<ul style="list-style-type: none"> <li>Is there well-lit and secure parking / overflow parking and appropriate landscaping?</li> </ul>					
	<ul style="list-style-type: none"> <li>Has the soil sub-strata conditions and water table depth been investigated through a geotechnical survey?</li> </ul>					
12	<b>External Design</b>					
	<p>See also:-</p> <p><a href="http://www.sportengland.org/se_facilities_carparking.pdf">www.sportengland.org/se_facilities_carparking.pdf</a></p> <p><a href="http://www.sportengland.org/facilities_planning/design_guidance_notes.aspx">www.sportengland.org/facilities_planning/design_guidance_notes.aspx</a></p> <p>Does the facility have:</p> <ul style="list-style-type: none"> <li>A clearly identified entrance of appropriate scale?</li> </ul>					

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### 3.0 Site

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	• Direct and well-defined hard landscaped route(s) for pedestrians?					
	• Safe routes to avoid circulation problems (eg. Road crossings)?					
	• Seating areas along pedestrain routes?					
	• Drop-off points close to entrance?					
	• Access for people with disabilities?					
	• A well-articulated structure?					
	• Good signage?					
	• Well detailed, high quality cladding and roofing materials?					
	• Secure cycle storage?					
	• External access to a first aid room?					
	• Vehicle drop off point coach parking spaces?					
	• Appropriate landscaping /planting / trees?					
	• Appropriate massing, scale and volume of building for the location and context?					
	• Large span structural systems?					
	• Carefully considered natural lighting?					

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## 4.0 Organising the Building

Page Requirement ✓ ✗ N/A Observation Comment / Action

### 16 4.1 Relationship of Spaces

**Schedule of accommodation**

Does the swimming pool have the following key facilities arranged with logical and effective relationships between them:

- Spacious entrance foyer and reception area?
- Social and refreshment area?
- Public toilets?
- Pool changing?
- Accessible changing facilities?
- Toilet facilities?
- Pre and post swim showers?
- Viewing?
- Pool hall?
- First aid?
- Pool side store?
- Admin / office?

*If not, what needs to be done to address this?*

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	• Staff facilities?					
	• Plant room?					
	• Service yard?					
	• Cleaners stores?					
	• Other as required?					
	Have the wet and dry zones of the building been appropriately organized?					
	Is the layout logically planned with good access from the reception to any associated facilities such as:					
	• Fitness suite?					
	• Exercise studio?					
	• Crèche?					
	• Club meeting room?					
	• Sports hall ?					
	• Fitness equipment room?					
	• Multi-purpose secondary hall?					
	• Licensed lounge?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Is the arrangement:					
	• Simple, economical and spacious?					
	• Clearly intelligible to the user?					
	• Easy to supervise?					
	• Free of long, narrow corridors that are confusing and institutional in appearance?					
	• Safe and secure without having to rely upon CCTV?					
	<b>Accessibility</b>					
	Is all of the facility fully accessible to all users including:					
	• Children?					
	• Young people?					
	• Older people?					
	• All disabled people including wheelchair users?					
	• Staff?					
	• Coaches?					
	Refer to the Sport England guidance notes: <a href="http://www.sportengland.org/facilities__planning/design_guidance_notes.aspx">www.sportengland.org/facilities__planning/design_guidance_notes.aspx</a>					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
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and the ODA Inclusive Design Standards available from [www.london2012.com/documents/oda-publications/inclusive-design-standards.pdf](http://www.london2012.com/documents/oda-publications/inclusive-design-standards.pdf)

### 19 4.2 First impressions

Is the entrance area attractive, warm and welcoming?

Is there adequate signage and lighting?

Is there sufficient space with a clear orientation for customers?

Have materials and colours been well considered within an overall image / theme / branding?

### 19 Entrance area

Does the design provide:

- Clear 'in' and 'out' circulation routes?
- A draft lobby to the main entrance doors?
- Automatic entrance doors?
- A prominently positioned reception desk?
- A clearly signed and direct circulation route ?

*If not, what needs to be done to address this?*

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>Notice boards and information displays?</li> </ul>					
	<ul style="list-style-type: none"> <li>Public telephone?</li> </ul>					
20	<p><b>Reception</b></p> <p>Has the following been considered for the reception area:</p> <ul style="list-style-type: none"> <li>A fully accessible counter?</li> </ul>					
	<ul style="list-style-type: none"> <li>Providing a sidewall or island reception desk?</li> </ul>					
	<ul style="list-style-type: none"> <li>Visual supervision of the entrance / exit routes / and routes to main facilities?</li> </ul>					
	<ul style="list-style-type: none"> <li>Restriction of unsupervised access?</li> </ul>					
	<ul style="list-style-type: none"> <li>Appropriate security barriers / screens?</li> </ul>					
	<ul style="list-style-type: none"> <li>Suitable artificial lighting?</li> </ul>					
	<ul style="list-style-type: none"> <li>Direct access to other parts of the building?</li> </ul>					
	<ul style="list-style-type: none"> <li>Cash handling secure areas?</li> </ul>					
	<ul style="list-style-type: none"> <li>Adequate ventilation?</li> </ul>					
	<ul style="list-style-type: none"> <li>Appropriate access control?</li> </ul>					
	<ul style="list-style-type: none"> <li>Storage for lost property and items for sale or hire?</li> </ul>					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>Space for CCTV monitors?</li> </ul>					
	<ul style="list-style-type: none"> <li>An office with adequate space for staff and storage?</li> </ul>					
	<ul style="list-style-type: none"> <li>Does the building layout provide:                             <ul style="list-style-type: none"> <li>Managers office with meeting space?</li> <li>General office?</li> </ul> </li> </ul>					
	<ul style="list-style-type: none"> <li>Is the office located on an external wall to allow for day lighting and views of the approach to the facility?</li> </ul>					
21	<p><b>Refreshment areas</b></p> <p>Has a refreshment area / social area been located close to the main entrance with views to the pool hall?</p> <p>When necessary can the swimming pool be screened off to give privacy to users?</p> <p>Is there proper/sufficient support accommodation:</p> <ul style="list-style-type: none"> <li>Storage and servery areas serviced from a nearby delivery point?</li> <li>Refuse storage and containment?</li> </ul> <p>Have the following been provided:</p> <ul style="list-style-type: none"> <li>Vending machines in a wall recess with easily cleaned, impervious floor finishes?</li> <li>Lockable storage space?</li> </ul>					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>Appropriate seat and table space located adjacent to accessible public toilets?</li> </ul>					
	<ul style="list-style-type: none"> <li>Catering facilities which meet current food safety regulations?</li> </ul>					
22	<p><b>Public toilets</b></p> <p>Have the public toilets been designed in accordance with the Accessible Sports Facilities design guidance?</p>					
23	<p><b>Accommodation for children</b></p> <p>Have the following been provided:</p> <ul style="list-style-type: none"> <li>Pushchair and pram storage space?</li> <li>Baby change facilities?</li> <li>Child care facilities?</li> </ul>					
23	<p><b>4.3 Pool hall structure</b></p> <p>Is the overall ‘ambience’ of the pool hall light and spacious?</p> <p>Is the pool hall height appropriate to the roof profile?</p> <p><b>Glazing</b></p> <p>Does the pool hall have ‘top’ natural lighting?</p>					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Is natural light controlled and orientated to keep solar glare, spectral reflections and heat loss to acceptable levels?					
	<b>Artificial lighting</b>					
	Are the light fittings located above the pool surrounds?					
	Can the light fittings be easily maintained?					
	Do the light fittings give a pleasant atmosphere and avoid glare/specular reflection on the pool surface?					
	Is under water lighting to be provided?					
	Does the lighting comply with CIBSE Lighting Guide 4: Sports Lighting?					
	<b>Signs</b>					
	Has a risk assessment been undertaken to establish appropriate signage?					
	Is there adequate signage for:					
	• Safety issues?					
	• Directional information?					
	• Water depth?					
	• Moveable floor signs?					
	• Diving/jumping restrictions?					

*If not, what needs to be done to address this?*

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
26	<b>4.4 Pool tanks</b>					
	<b>Configuration</b>					
	Is the shallow end of the pool nearest to the changing room entrance?					
	Is access from the changing room into the pool arranged through the toilet area, and then through the pre-swim shower area?					
	Is there full access around the pool perimeter?					
	Are the easy access steps into the pool at appropriate locations for all users ( children / older people / disabled people)?					
	Is the pool surround free of any projecting or free standing columns that restrict the minimum pool surround width?					
	Is the pool surround free of any sudden changes of level or gradient?					
	Do the staff control points have good overall views of the entire pool hall and underwater areas?					
	Has a risk assessment been provided at the design stage for the safe supervision and operation of the pool?					
	Is the first aid room directly accessible from the pool surround?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Are the pool and cleaners stores directly accessible from the pool surround?					
	Is there appropriate viewing provision for spectators that does not require direct access via the pool surround?					
	Are the widths of the pool surround in accordance with the Swimming Pool design guidance recommendations?					
28	<p><b>Combining two pool tanks in one hall</b></p> <ul style="list-style-type: none"> <li>If two pools have been combined in one hall, has a separating (eg glass) screen been incorporated? If so, has each pool separate circulation and access to changing rooms?</li> </ul>					
28	<p><b>Privacy for some user groups</b></p> <p>Has privacy been considered and user groups been consulted? Discrete swimming sessions can be easily incorporated into the pool hall at the design stage to meet the needs of specific groups?</p>					
29	<p><b>Main pool: Competition use</b></p> <p>Are the following in accordance with the ASA's requirements for competitive swimming:</p> <ul style="list-style-type: none"> <li>Length / width / depth of pool tank?</li> <li>Colour of tank finish?</li> </ul>					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	• Pool tank profile?					
	• Pool edge detail?					
	• Raised pool ends?					
	• Lane markings?					
	• Vertical access steps and ladders?					
	• Rest ledges?					
	• Under water lighting?					
	• Under water windows?					
	• Colour?					
33	<b>Learner and learner/training pools</b>					
	Has an integral movable floor been considered to increase program flexibility?					
	Are the following provided in accordance with ASA requirements:					
	• Length / width / depth of pool tank?					
	• Colour of tank finish?					
	• Pool tank profile?					
	• Pool tank gradient?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	• Pool tank markings?					
	• Access steps and ladders?					
	• Pool edge detail?					
34	<b>Diving pools</b>					
	Are the following provided in accordance with FINA/ASA standards:					
	• Diving boards and platforms to cater for diving and synchronised diving?					
	• Length / width / depth of pool tank?					
	• Colour of tank finish?					
	• Pool tank profile?					
	• Pool edge detail?					
	• Ladder and steps?					
	• Rest edges?					
	• Surface agitators?					
	• Bubbler?					
	• Underwater lighting / windows / surveillance?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>• Training harnesses?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Shower and spa pool?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Dry land training area?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Lighting?</li> </ul>					
37	<p><b>Easy access to the water</b></p> <p>Are there appropriate facilities for all users to easily get in and out of the water:</p> <ul style="list-style-type: none"> <li>• Portable or demountable hoists?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Permanent ramp?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Easy going walk-in steps?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Ladders?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Submersible pool surround lift?</li> </ul>					
39	<p><b>Movable floors and bulkheads</b></p> <p>Consider greater through-put by incorporating a movable floor and/or bulk head to allow a range of water areas and depths to suite different user sessions?</p> <p>What configuration would best suite the building:</p>					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>In the learner pool?</li> </ul>					
	<ul style="list-style-type: none"> <li>In the shallow end of the main pool?</li> </ul>					
	<ul style="list-style-type: none"> <li>In the deep end of the main pool?</li> </ul>					
	Are automatically folding steps being provided in the movable floor to allow easy access for ambulant disabled people?					
41	<b>4.5 Changing facilities</b>					
	What type of changing arrangement is provided:					
	<ul style="list-style-type: none"> <li>Open plan single sex?</li> </ul>					
	<ul style="list-style-type: none"> <li>Village changing with unisex areas with individual changing cubicles?</li> </ul>					
	<ul style="list-style-type: none"> <li>Buffer changing areas?</li> </ul>					
	<ul style="list-style-type: none"> <li>A appropriate combination of the above?</li> </ul>					
	Has consultation taken place with stakeholders and user groups?					
	Does the layout give:					
	<ul style="list-style-type: none"> <li>Adequate personal space for individuals to change comfortably?</li> </ul>					
	<ul style="list-style-type: none"> <li>Adequate privacy to all user groups?</li> </ul>					
	<ul style="list-style-type: none"> <li>Ample capacity to cope with peak times?</li> </ul>					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	• Flexibility for varying ratios of male and female users?					
	• Areas that can be closed off for privacy?					
	Can the layout be:					
	• Easily supervised to deter inappropriate behaviour?					
	• Easily cleaned and maintained?					
	Does the design include:					
	• Robust fixtures and fittings?					
	• Vandal resistant coat hooks and shower heads?					
	• Cantilevered benches for easy cleaning?					
	Do the facilities have a suitable general environment:					
	• Natural top lighting to the changing area?					
	• Bright and warm colours to finishes and lighting?					
	Does the general planning give:					
	• A logical sequence from reception to the pool?					
	• Adequate space for the vanity areas?					
	• Appropriate storage for prams, buggies and wheelchairs?					
	• Well screened single sex changing areas and toilet provision?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Have numbers for the following been calculated in accordance with the standard calculation methodology:					
	• Total numbers of changing spaces?					
	• Cubicles?					
	• Group change?					
	• Benches					
	• Lockers?					
	• Coat hooks?					
	Are lockers for all users located between the changing area and entry to the pool hall?					
48	<b>Toilets</b>					
	Are toilets positioned between the changing room and pre-swim showers immediately prior to entry to the pool hall?					
	Do the numbers of toilets comply with BS 6465 Part 1?					
	Is there adequate toilet provision for disabled people? (See Accessible Sports Facilities)?					
48	<b>Showers</b>					
	Has shower provision been provided in accordance with BS 6465 Part 1 Table 1237 based upon 50% male / female use?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Are footbaths and stepped thresholds avoided?					
	Are there adequate falls away from circulation areas?					
	Are there a number of fully enclosed showers for post swim showering?					
	Is there a drop down shower seat in at least one of the main shower areas for disabled people of both sexes?					
49	<b>Vanity areas</b> Has vanity area provision been provided in accordance with BS 6465 Part 1?					
49	<b>4.6 Ancilliary accommodation</b>					
	Has the following been provided:					
	• Office accommodation?					
	• Staffroom and changing including provision for disabled people?					
	• Cleaners store?					
	• External service yard?					
	• First aid room (directly accessible from the poolside and with external access to a parking area for emergency vehicles)?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
50	<b>Pool equipment store</b>					
	Is the store directly accessible from the poolside?					
	Does it have sufficient space to store:					
	• Swimming aids?					
	• Lane lines including storage reels?					
	• Starting blocks and competition timing equipment?					
	• Removable steps and mobile equipment for disabled people?					
	• Water polo equipment?					
	• Canoes and other specialist pool user group equipment?					
	• Water play equipment?					
	• Pool cleaning equipment?					
	Is there a hose down point located either in the pool store or securable on pool side?					
52	<b>4.7 Fixtures and fittings</b>					
	Are the fixtures and fittings of a good quality and adequate for the usage/programmes to be followed in the pool(s)?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
55	<b>4.8 Spectator and competitor provision</b>					
	Do the pool(s) include appropriate provision of the following:					
	<ul style="list-style-type: none"> <li>Informal viewing from social areas and adjacent circulation spaces?</li> </ul>					
	<ul style="list-style-type: none"> <li>Formal spectator seating?</li> </ul>					
	<ul style="list-style-type: none"> <li>Space on the pool surround for competitors seating during competition?</li> </ul>					
	Has the ASA been consulted in respect of:					
	<ul style="list-style-type: none"> <li>The level of competition appropriate for the pool(s)?</li> </ul>					
	<ul style="list-style-type: none"> <li>The appropriate numbers of formal and pool side seating?</li> </ul>					
	Does the spectator seating sight line geometry provide good views of the pool water and scoreboard?					
	Does the seating design meet the requirements of:					
	<ul style="list-style-type: none"> <li>The Guide to Safety at Sports Grounds - ('Green Guide')?</li> </ul>					
	<ul style="list-style-type: none"> <li>BS EN 13200 Part 1?</li> </ul>					
	<ul style="list-style-type: none"> <li>BS 5588 Part 6?</li> </ul>					
	Has wheelchair provision been provided?					

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## 4.0 Organising the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Can the viewing be closed off to give privacy to swimmers during some sessions?					
	Has environmental control of the seating areas been considered?					

*If not, what needs to be done to address this?*

Checklist must be used in conjunction with the Sport England Guidance Notes 'Swimming Pools' and 'Accessible Sports Facilities'

## 5.0 Servicing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
57	<b>5.0 Servicing the building</b>					
	Are the individual building and pool services systems adequate / meet current standards / efficient / easily maintained:					
	• Pool water treatment system(s)?					
	• Pool water temperatures?					
	• Water filters?					
	• Circulation pumps?					
	• Chemical dosing equipment?					
	• Heating system(s)?					
	• Pool water?					
	• Building and domestic water supply?					
	• Energy/resource recovery equipment?					
	• Heat exchangers?					
	• CHP Plant?					
	• Water re-use?					
	• Modern and efficient air handling plant?					

*If not, what needs to be done to address this?*

Checklist must be used in conjunction with the Sport England Guidance Notes 'Swimming Pools' and 'Accessible Sports Facilities'

## 5.0 Servicing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>Heating and air conditioning the pool hall and associated spaces?</li> </ul>					
	<ul style="list-style-type: none"> <li>Electrical distribution equipment and installation?</li> </ul>					
	<ul style="list-style-type: none"> <li>Moveable pool floor or bulkhead?</li> </ul>					
	Are changing areas ventilated or cooled?					
	Is the swimming pool atmosphere contained within the pool hall? (With differential air pressures?)					
	Is additional ventilation and cooling provided to spectator areas?					
63	<b>Plant room</b>					
	Are plant rooms suitably laid out and sized, taking into account advice from the Service Engineer?					
	Do plant rooms allow adequate space for staff access, servicing & maintenance and replacement of equipment?					

*If not, what needs to be done to address this?*

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## 6.0 Constructing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
65	<b>General construction of the building</b>					
	<ul style="list-style-type: none"> <li>Has the building fabric been designed to withstand a warm humid and aggressive internal environment and cold winter external conditions?</li> </ul>					
	<ul style="list-style-type: none"> <li>Have environmental sustainability and durability lifecycle issues been addressed in the choice of construction and materials?</li> </ul>					
65	<b>Pool tanks</b>					
	Are the pool tanks details appropriate for the intended use?					
	<ul style="list-style-type: none"> <li>Waterproofing elements</li> </ul>					
	<ul style="list-style-type: none"> <li>Internal pool surfaces?</li> </ul>					
	<ul style="list-style-type: none"> <li>Pool edge details?</li> </ul>					
	<ul style="list-style-type: none"> <li>Drainage from pool surround?</li> </ul>					
71	<b>Floor finishes</b>					
	Do the finishes to wet areas have:					
	<ul style="list-style-type: none"> <li>Appropriate falls that avoid water ponding or safety hazards?</li> </ul>					
	<ul style="list-style-type: none"> <li>Adequate slip resistances?</li> </ul>					

*If not, what needs to be done to address this?*

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## 6.0 Constructing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>• Good long term appearance?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Easily cleaned surface?</li> </ul>					
72	<p><b>Roof structure</b></p> <p>Does the roof construction / ceiling finish provide appropriate levels of:</p> <ul style="list-style-type: none"> <li>• Insulation?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Sound absorption?</li> </ul>					
	<p>In addition, does it:</p> <ul style="list-style-type: none"> <li>• Prevent interstitial condensation?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Avoid impact upon the pool water colour?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Withstand ball impact?</li> </ul>					
	<ul style="list-style-type: none"> <li>• Reflect and spread light?</li> </ul>					
	<p>Is the roof's life to first maintenance period established and is it appropriate to the life of the building?</p>					
72	<p><b>External Walls structures</b></p> <p>Do the external walls provide:</p> <ul style="list-style-type: none"> <li>• Insulation / interstitial condensation resistance?</li> </ul>					

*If not, what needs to be done to address this?*

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## 6.0 Constructing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	<ul style="list-style-type: none"> <li>Withstanding damage from vandalism?</li> </ul>					
	<ul style="list-style-type: none"> <li>Attractive, durable and low maintenance finish?</li> </ul>					
	<ul style="list-style-type: none"> <li>Provision for structural movement?</li> </ul>					
	<ul style="list-style-type: none"> <li>Resistance to the pool environment?</li> </ul>					
73	<p><b>Glazing</b></p> <p>Are curtain walling / windows double or triple glazed. Is insulating glass used to meet current thermal regulations? Is all glazing adjacent to pool surrounds, including glass balustrades able to resist all loads, including full body and ball impact (refer to BS6262 and BS6399)?</p>					
	<p>Has the glass been toughened and laminated for maximum strength and safety in all pool areas?</p>					
	<p>Is the glass framing system of an appropriate material quality for a pool environment e.g. powder coated aluminium?</p>					
	<p>For rooflights, have the following been considered when specifying a proprietary system:</p> <ul style="list-style-type: none"> <li>Span potential and effect of lateral or compressive loads on stressed systems?</li> </ul>					
	<ul style="list-style-type: none"> <li>Resistance to corrosion?</li> </ul>					
	<ul style="list-style-type: none"> <li>Control of condensation through framework (thermal bridging)?</li> </ul>					

*If not, what needs to be done to address this?*

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## 6.0 Constructing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	For curtain walling, has the following been considered when specifying a proprietary system:					
	<ul style="list-style-type: none"> <li>Secondary support structures corrosion protection?</li> </ul>					
	<ul style="list-style-type: none"> <li>Isolation of dissimilar materials to minimize risk of galvanic action causing corrosion?</li> </ul>					
	<ul style="list-style-type: none"> <li>Thermal breaks to minimise risks of interstitial condensation?</li> </ul>					
74	<b>Internal Walls</b>					
	<ul style="list-style-type: none"> <li>Has the wall construction been designed specifically for pool facilities?</li> </ul>					
	<ul style="list-style-type: none"> <li>Have studwork walls been avoided, and if unavoidable have they been designed to contain and resist the pool environment?</li> </ul>					
74	<b>Moveable floors and bulkheads</b>					
	<ul style="list-style-type: none"> <li>Are any handrails and barrier rails incorporated as required?</li> </ul>					
74	<b>Fixed pool equipment</b>					
	If the pool is to be used for competition use, have all the competition requirements been allowed for?					

*If not, what needs to be done to address this?*

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## 6.0 Constructing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Have permanent cable ducts been provided for competition timing equipment? Has the specialist providing the timing equipment been consulted in establishing the extent of the builders' work?					
	Do all stainless steel fittings have the correct grade and surface finish?					
76	<b>Stainless steel in the pool environment</b>  Has the use of bare exposed stainless steel been minimised and limited to locations that are either regularly washed down by the pool, or can be easily and regularly cleaned?					
	Where the stainless steel is out of reach have surface applied finishes been selected instead?					
77	<b>Doors and frames</b>  Have water proof doors and frames been specified for wet areas?					
77	<b>Acoustics</b>  Does the roof and upper wall construction provide acoustic absorption?					
	Can a reverberation time of the pool hall(s) less than 2 seconds at 500Hz be achieved?					

*If not, what needs to be done to address this?*

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## 6.0 Constructing the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Can fire alarms / public address systems / evacuation messages be easily heard throughout the building?					
	Are noise ratings from areas such as plant rooms less than NR 50?					
	Has the building envelope been designed to control noise break out?					

*If not, what needs to be done to address this?*

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## 7.0 Operating the Building

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
79	<b>Operating the building</b>					
	Does the design allow:					
	<ul style="list-style-type: none"> <li>The reception to be the hub of both normal and emergency communications?</li> </ul>					
	<ul style="list-style-type: none"> <li>Staff supervision to be organized in convenient zones?</li> </ul>					
	<ul style="list-style-type: none"> <li>Safe demarcation of the deep water in the pool?</li> </ul>					
	<ul style="list-style-type: none"> <li>Easy access and maintenance of overhead lighting?</li> </ul>					
	<ul style="list-style-type: none"> <li>Convenient delivery of water treatment chemicals?</li> </ul>					
	Have the following aspects been developed taking into account the needs of the pool operators:					
	<ul style="list-style-type: none"> <li>Entrance Control?</li> </ul>					
	<ul style="list-style-type: none"> <li>Ceramic Tiling (slip resistance)?</li> </ul>					
	<ul style="list-style-type: none"> <li>Showers?</li> </ul>					
	<ul style="list-style-type: none"> <li>Washing down?</li> </ul>					
	<ul style="list-style-type: none"> <li>Drainage channels?</li> </ul>					
	<ul style="list-style-type: none"> <li>Stainless steel?</li> </ul>					

*If not, what needs to be done to address this?*

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## Appendices

Page	Requirement	✓	✗	N/A	Observation	Comment / Action
	Have you checked the following:					
81	• <b>Appendix 1 Related organizations?</b>					
82	• <b>Appendix 2 Standards and legislation?</b>					
85	• <b>Appendix 3 Changing room calculation example?</b>					
87	• <b>Appendix 4 Improving and alterations to existing swimming pools?</b>					
93	• <b>Appendix 5 Further information on Leisure Pools?</b>					
95	• <b>Appendix 6 Further information and references?</b>					

Checklist must be used in conjunction with the Sport England Guidance Notes 'Swimming Pools' and 'Accessible Sports Facilities'





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