



DESIGN AND ACCESS STATEMENT

LED UPGRADE OF EXISTING FLOODLIGHTS AT PETERSHILL PARK

Job No. 3239

For
Partick Thistle Charitable Trust

Sports Labs Ltd
1 Adam Square
Brucefield Industry Park,
Livingston
EH54 9DE

Contract Number: 3239

Issued by: Sports Labs on behalf of Partick Thistle Charitable Trust

Description of Works: Refurbishment of the existing full-size 3G synthetic pitch inc. **LED floodlighting upgrade**, to be used for football and local community use, within the grounds of Petershill Park.

Date of Issue: March 2024

Approvals	Name	Signatures
Author:	Graeme Stewart	
Checked by:	David Dickinson	
Client approval:	For and on behalf of Partick Thistle Charitable Trust	
Issued by: Address:	Sports Labs Ltd, 1 Adam Square, Brucefield Industry Park, Livingston, EH54 9DE	Tel:  E-mail: 

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1 INTRODUCTION

1.1 Sports Labs Ltd have been appointed by Partick Thistle Charitable Trust to apply for planning permission for the complete upgrade of the existing floodlight system, to include energy efficient LED floodlight heads, alternative column construction and increased lux levels to allow for participation in the UEFA Women's Champions League – Group Stage.

1.2 To assist in the approval of planning permission and the development of the proposed project, this document shall outline the scope of works and considerations within the local environs, to facility users and residents.

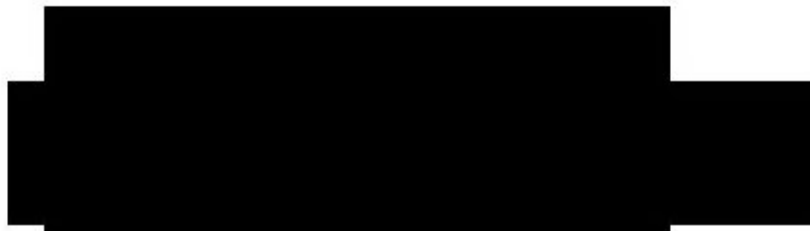
1.3 Site Address

Petershill Park
Adamswell Street
Glasgow
G21 4DD

1.4 Applicant Details

Partick Thistle Charitable Trust
Petershill Sports Centre
28/30 Adamswell Street
Glasgow
G21 4DD

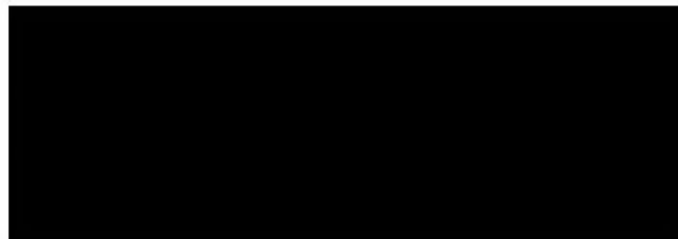
Project Contact:
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1.5 Agent Details

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2 PURPOSE OF THIS DOCUMENT

- 2.1** The Design and Access Statement has been compiled as a short document to provide detail of the build proposals to accompany the planning application submission.
- 2.2** The report has been published in line with government recommendations, whereby the design and access statement is a short report accompanying and supporting a planning application to illustrate the process that has led to the development proposal, and to explain the proposal in a structured way. The level of detail required in a design and access statement depends on the scale and complexity of the application, and the length of the statement varies accordingly. Statements must be proportionate to the complexity of the application but need not be long.

3 DESIGN OVERVIEW

3.1 Facility Purpose

- 3.1.1** Partick Thistle Charitable Trust would like a complete upgrade of the existing floodlight system, to include energy efficient LED floodlight heads, alternative column construction and increased lux levels to allow for participation in the UEFA Women's Champions League – Group Stage
- 3.1.2** If successful with this planning application, requirements to operate the new proposed floodlighting system at maximum capacity (800 lux) will be limited to matches only. Glasgow City Football Club's inclusion in the Group Stages of the elite level competition will not exceed 32 hours annually, therefore limiting any spill onto neighbouring residential properties.

3.2 Site Description

- 3.2.1** The development area is located within Petershill Park, Glasgow.



Figure 1 – Location Plan

3.2.2 The site is currently used by Glasgow City Football Club, Partick Thistle Charitable Trust, and various local community football teams.

3.3 Site Dimensions

3.3.1 The supporting General Arrangement drawing presents the main pitch refurbishment with total synthetic area of 7,484m² (106.0m x 70.6m).

3.4 Site Constraints

3.4.1 The site is situated in a residential and industrial area, with residential tenement properties located to the south of the pitch development. The residential properties will need to be considered during the planning application. The street locations which will require considerations are as follows:

- Midton Street, Glasgow
- Laverockhall Street, Glasgow.

3.5 Benefits of the Development

3.5.1 The new LED floodlight heads will offer the latest technology lighting to the pitch, and a more energy efficient system offering cost savings.

3.5.2 The upgraded LED floodlighting system at the venue will allow Petershill Park to host Women's Champions' League Group Stage matches, in an environment which meets the UEFA Level D lighting requirements of minimum 800 lux.

3.5.3 Hosting these matches will significantly promote Women's inclusion in elite level sport and generate increased exposure for Glasgow, and its local council area to successfully host elite level sport.

3.5.4 The need to operate at full lux capacity will not exceed 32 hours annually, therefore reducing the impact of lux level spill on neighbouring properties.

4 FLOODLIGHTING

4.1 Floodlighting Design

4.1.1 A lighting design has been prepared by Halliday Lighting which meets the needs of the applicant and user groups. This lighting design has been shared in support of this application.

4.2 Floodlighting Equipment

4.2.1 The system will include the following elements:

- 6 No. column mast construction (2 No. 28m and 4 No. 22m)

Mast 1 & 2 (28m) will include the following Siteco FL11 Maxi Pro LED floodlights:

- 11 No. FL11 Maxi Pro PL33T
- 2 No. FL11 Maxi Pro RS08

Mast 3 & 6 (22m) will include the following Siteco FL11 Maxi Pro LED floodlights:

- 3 No. FL11 Maxi Pro PL33T
- 4 No. FL11 Maxi Pro RS08

Mast 4 & 5 (22m) will include the following Siteco FL11 Maxi Pro LED floodlights:

- 5 No. FL11 Maxi Pro PL33T
- 5 No. FL11 Maxi Pro RS08

4.3 Dalia System & Sectional Phasing

4.3.1 The system will include a Dalia control system, which will allow the floodlighting levels to be operated at varying lux during operation. The control system will allow lux levels to be reduced to 200 – 300 lux, consistent with the current set-up which is suitable for community level sport and community use.

4.3.2 The system will also allow for sectional phasing of the floodlight when whole pitch coverage is not required.

4.4 Lighting Spill

4.4.1 There are no residential windows directly overlooking the facility, therefore the impact will be reduced. Lighting is focused onto the gable end of a tenement style building with no side facing windows. Spill levels can be reduced further by introducing bespoke side shields during installation.

5 ACCESS OVERVIEW

5.1 Site Access

5.2 Access to the site for construction purposes is proposed to be from Petershill Road, leading up Southloch Street where a haul road is to be constructed for other refurbishment work not requiring planning approval.

5.3 Access for Construction Purposes

5.3.1 A suitable compound location for material storage/ welfare & for material deliveries shall be identified following a pre-start meeting with the client and contractor team. This shall involve use of a section of car park during the construction phase and shall be designed with due considerations to Fire Safety Plans.

5.3.2 Client team shall identify and share all facility opening times, start and end of day hours etc.

5.3.3 No construction operations are anticipated to take place on Sundays or public holidays. HGV movements shall not be permitted outside the agreed working hours without prior written approval from the Local Planning Authority.

5.4 Opening Hours

5.4.1 It is proposed that the facility operates within the following hours:

- 08:00hrs to 22:00hrs (Weekday & Weekend)

6 PROPOSAL SUMMARY

6.1 In view of the proposals outlined herein assessed against relevant planning policies and considerations, we request that the proposal be accepted with the following key points;

- The new LED floodlight heads will offer the latest technology lighting to the pitch, and a more energy efficient system offering cost savings.
- The upgraded LED floodlighting system at the venue will allow Petershill Park to host Women's Champions' League Group Stage matches, in an environment which meets the UEFA Level D lighting requirements of minimum 800 lux.
- Hosting these matches will significantly promote Women's inclusion in elite level sport and generate increased exposure for Glasgow, and its local council area to successfully host elite level sport.
- The need to operate at full lux capacity will not exceed 32 hours annually, therefore reducing the impact of lux level spill on neighbouring properties.

END OF REPORT