

[REDACTED]

From: Daun Johnson on behalf of Planning.Responses
Sent: 03 April 2019 11:34
To: Planning Scanning
Subject: FW: Land south of Cornfield Close, Littlehampton - LU/330/18/PL
Attachments: SE Playing Pitch Cal - Arun Cornfield Close - 77 - LU-330-18-PL.xlsx

[REDACTED]

From: Anita Gardner
Sent: 02 April 2019 15:19
To: Planning.Responses
Subject: FW: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

[REDACTED]

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

[REDACTED]

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From: Joe Russell-Wells
Sent: 02 April 2019 14:21
To: Anita Gardner
Cc: Sadie Tooley; Sue Howell
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Anita,

Yes - a sum is due for playing pitch provision. Please find attached the Sport England calculator which gives the sum due for this development which is based on the draft SPD. The sum due is £19,353 - this is comprised of the pitches capital cost and lifecycle cost. This sum would be for offsite use at the nearest sports facility which is Southfields Recreation Ground for the improvement of existing poor quality football pitch. Please let us know of any queries.

Sue,

I will review the draft SPD with you - pages 15-18 together with the SE calculator as attached.

Kind regards, Joe

Joe Russell-Wells | Group Head of Neighbourhood Services, Arun District Council | Location: Bognor Regis Town Hall, Clarence Road, Bognor Regis, PO21 1LD

[REDACTED]

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From: Sue Howell
Sent: 01 April 2019 10:58
To: Joe Russell-Wells; Sadie Tooley

Cc: Anita Gardner

Subject: FW: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Joe/Sadie

I don't know the answer to Anita's query re playing pitches contributions for this one, 77 dwellings, please can you advise her.

Thanks

Sue

Sue Howell | Leisure and Landscape Officer, Greenspace, Engineering and Emergency Planning, Arun District Council | Location: Bognor Regis Town Hall, Clarence Road, Bognor Regis, West Sussex, PO21 1LD

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From: Anita Gardner

Sent: 29 March 2019 16:07

To: Sue Howell

Subject: FW: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Sue,

Further to the e-mail below, the above application was discussed at Member Briefing Panel this afternoon. Can you advise whether there is any requirement for contributions towards playing pitches and why contributions are being sought towards play equipment at Brookfield instead of Elm Grove which is closer and on the same side of Worthing Road.

Regards

Anita

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Anita Gardner

Sent: 29 March 2019 12:15

To: Sue Howell

Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Sue,

Can you confirm the amount of contributions requested and the trigger point for their payment?

Thanks

Anita

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF



From:

Sue Howell

Sent: 27 March 2019 11:09

To: Anita Gardner

Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Anita

I have reviewed the additional comments submitted by the applicants and looked now at evidence based provision in the locale of these proposals.

With the development proposing 77 dwellings then this does trigger onsite play provision both in our SPG doc October 2000 (still relevant) and under the superseded FIT stds. Due to the proximity of play provision locally then I can agree that an offsite contribution in lieu of onsite LEAP be provided for play enhancement to Brookfield Park, with an on-site unequipped natural play LAP to be incorporated within the onsite POS.

In this instance MUGA contribution would not be sought in addition to the play contribution, due to proximity of existing provision.

I see no reason why the above could not be conditioned along with a detailed soft landscape scheme for this development.

Regards

Sue Howell | Leisure and Landscape Officer, Greenspace, Engineering and Emergency Planning, Arun District Council | Location: Bognor Regis Town Hall, Clarence Road, Bognor Regis, West Sussex, PO21 1LD



From: Anita Gardner

Sent: 14 March 2019 11:52

To: Sue Howell

Subject: FW: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Sue,

The agent has provided the attached comments on your consultation response. Can you let me have updated comments accordingly?

If we are requesting off site MUGA contributions can you advise what the figure would be?

Thanks

Anita

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF



From: Sarah Sutcliffe [REDACTED]
Sent: 26 February 2019 10:28
To: Anita Gardner
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Anita,

Thank you for confirming your legal contact, this has been passed to Karen Cooksley at Winkworth Sherwood who is acting on behalf of the applicant. Just to confirm that our client has also confirmed that they are agreeable to your suggested EoT until 18th April 2019.

Noting the Greenspace response uploaded to your online portal, I have put together the attached response providing clarification where required, I hope this is of assistance.

In addition, the design team have noticed a discrepancy in respect of and elevation for one of the house types, please therefore find attached revised plans, I have also revised the drawing schedule for ease. Please note that previously submitted 'House Type B 1:100 Plans and Elevations (Drawing No. 2110 Rev 00) has been superseded by these drawings.

In respect of the outstanding consultee responses, I understand from the portal that you have everything you have everything you require to allow the application to be heard at the council planning committee on the 10th April 2019, please could you confirm? If you need anything further please let us know.

Kind Regards,

Sarah

Sarah Sutcliffe BA (Hons) MSc MRTPI
Senior Planner

[REDACTED]
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From: Anita Gardner [REDACTED]
Sent: 19 February 2019 09:35
To: Sarah Sutcliffe [REDACTED]
Subject: FW: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Sarah,

I have heard from the legal department today and the officer contact is Kirstin Kyle.

Regards

Anita Gardner

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Anita Gardner
Sent: 18 February 2019 09:11
To: 'Sarah Sutcliffe'
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Dear Sarah,

I believe the contact in legal will be Jeremy Cook, but I have not yet received an acknowledgement from the department to confirm this. I also understand that Jeremy is out of the office until Wednesday this week.

Regards

Anita

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Sarah Sutcliffe
Sent: 14 February 2019 08:58
To: Anita Gardner
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Anita,

Thank you for your e-mail, I am just seeking confirmation from my client that they are happy to agree the extension of time.

Please could you advise of the contact in your legal department so my clients solicitor can contact them directly? We are keen to progress the document expediently to ensure a timely determination.

Thanks

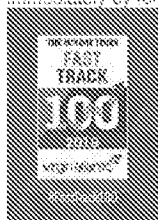
Sarah

Sarah Sutcliffe BA (Hons) MSc MRTPI
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From: Anita Gardner [REDACTED]
Sent: 13 February 2019 18:01
To: Sarah Sutcliffe [REDACTED]
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Dear Sarah,

I have chased the outstanding consultation responses and have sent a request through to our legal department to start drafting an obligation. The application will not be on the agenda for March Committee, closing is today. I will be aiming for the meeting on 10-04-2019. I would therefore appreciate your agreement to an initial extension of time until 18-04-2019 to cover Committee, but it is very likely that this will need to be extended to allow for completion of the S106.

Regards
Anita

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Sarah Sutcliffe [REDACTED]
Sent: 05 February 2019 11:05
To: Anita Gardner
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL
Importance: High

Hi Anita,

Sorry to chase however I was wondering if you have any luck chasing the last few consultees for their responses?

In addition, any thoughts on my request to commence work on the S106?

Kind Regards,

Sarah

Sarah Sutcliffe BA (Hons) MSc MRTPI
Senior Planner



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From: Sarah Sutcliffe

Sent: 30 January 2019 16:12

To: 'Anita Gardner' [REDACTED]

Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Anita,

Thank you for taking the time to provide an update, would it be possible to chase your outstanding consultee responses so we can try and move the application on?

Noted that there is a tight timeframe to make March's planning committee, however I would be grateful if we could try to achieve this, as you can imagine my client is keen to ensure a timely determination of the application.

Would you consider that you are in a position to instruct your legal team to commence work on the Section 106? We are keen to start this process if possible.

I look forward to hearing from you.

Kind Regards,

Sarah

Sarah Sutcliffe BA (Hons) MSc MRTPI
Senior Planner

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From: Anita Gardner [REDACTED]
Sent: 30 January 2019 15:39
To: Sarah Sutcliffe [REDACTED]
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Sarah,

I apologise that I have not responded to your messages, but I am constantly trying to prioritise urgent applications. I have forwarded your e-mail dated 21-01-2019 to the Environment Agency and they have advised that they will respond in due course.

I am still awaiting the comments of the Ecology Officer, Landscapes and the Tree Officer and am not yet in a position to be looking at the application with a view to likely recommendation or report writing. I may be at that stage in a couple of weeks, but I have to deal with my older caseload first and your application is not one of the most urgent and still has outstanding consultation responses.

I note that the Town Council have objected and therefore if the application is recommended for approval it will need to be taken to a Development Control Committee for a decision and the earliest available meeting would be 05-03-2019, but it may not be possible to meet the agenda close deadline of 14-02-2019.

Regards

Anita Gardner

Anita Gardner | Principal Planner, Directorate of Place, [Arun District Council](http://www.arun.gov.uk) | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Sarah Sutcliffe [REDACTED]
Sent: 30 January 2019 10:49
To: Anita Gardner
Subject: RE: Land south of Cornfield Close, Littlehampton - LU/330/18/PL
Importance: High

Hi Anita,

I have left a number of voicemails regarding an update on the above application, however I am yet to hear from you.

Please can you provide an update today on the application, in regard to any statutory consultee responses which are still outstanding and general thoughts on the progression of the scheme?

I would also be grateful if you could revert back on my query below.

Kind Regards,

Sarah

Sarah Sutcliffe BA (Hons) MSc MRTPI
Senior Planner

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From: Sarah Sutcliffe
Sent: 21 January 2019 11:40
To: 'Anita Gardner' <[REDACTED]>
Subject: Land south of Cornfield Close, Littlehampton - LU/330/18/PL

Hi Anita,

I have left you a voicemail this morning, as I think a catch-up on the progress of the application would be useful when you get a moment.

We have been monitoring the statutory consultee responses, and note the EA response.

Whilst the EA have not raised an objection to the scheme, our engineering team have queried the following proposed condition:

No drainage systems for the infiltration of surface water to the ground are permitted other than with the written consent of the local planning authority. Any proposal for such systems must be supported by an assessment of the risks to controlled waters. The development shall be carried out in accordance with the approved details.

The drainage strategy as submitted comprises soakaways that do not discharge into made ground, and given that the EA have not objected to the proposed strategy, we would consider that the submitted details meet the requirements of this condition and is therefore not required. – please could you query this with Miss Greenwood?

Please could you also provide me with an indication of what consultee responses are you still outstanding?

Kind Regards,

Sarah

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Senior Planner

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Playing Pitch New Development Calculator

This calculator uses information from the

<insert LA name>

see 'PPS Data' sheet.

1. Select the local authority from the list.

- | |
|---------|
| ADD |
| 158,570 |
| 158 |

Adult football	0.03
Youth *	0.03
Mini Soccer*	0.02
Rugby Union	0.02
Rugby League	0.00
Hockey	0.00
Cricket	0.92

1. Look at the location of the new population alongside the results of the playing pitch strategy assessment work.
2. Understand the nature of playing pitch sites within an appropriate catchment of the new population and issues in the area.

This may lead to suggestions of one or more ways of meeting the estimated demand, such as:

- look here to the CIL Section of the Government's Planning Practice Guidance.

PART FOUR: Estimated demand in new playing pitches to meet the estimated demand during the weekly peak period (across a season for Cricket)

An estimate of the costs for providing the new pitches is also provided. These are indicative costs only. Appropriate local work should be undertaken to determine more accurate costings.

	£16,445	£23,908
and a total life cycle cost of	£16,445	£23,908
atches at a capital cost of	£3,278	£4,633
atches at a capital cost of	£7,621	£4,857
atches at a capital cost of	£5,67	£1,05
atches at a capital cost of	£2,683	£5,08
atches at a capital cost of	£0	£0
atches at a capital cost of	£7,23	£30
atches at a capital cost of	£6,474	£1,157

Source of costs: Capital Cost - Great England Facilities Costs Shared January 2016
 Designing Costs - Based on 4% of the total project cost and assumed as set out in Great England's Life Cycle National Turbidity and Artificial Surface documents (April 2012)

Playing Pitch New Development Calculator - PPS Data Required

Version: August 2018

To provide an estimate of demand the calculator requires the following information from the local authority's playing pitch strategy assessment work:

1. The current population in each pitch sport age group
2. The Team Generation Rate (TGR) for each pitch sport age group

The above information should be available from the assessment work and should be copied across/entered into the sections below.

As a default, the calculator assumes that:

- a. All of the estimated demand generated from the new population will take place at the peak time in the week for the respective sports and age groups within the authority area, and
- b. The level of demand is in line with the current level of demand in the area (i.e. it uses current TGRs for the area with no change in the level of demand for any sports).

The two assumptions can be overridden by amending the ('Percentage of match play in the peak period' and 'Projected change in demand') details below against any of the individual pitch sport age groups, in line with information from the authority's playing pitch strategy assessment work*.

Sport and Age Groups	Required Information		Optional Information	
	1. Current population in each pitch sport age group in	2. Current team generation rates for	a. Percentage of match play in the peak period (N/a for Cricket**)	b. Projected change in demand
Football Adult Men 11v11 (16-45yrs)	22,472	400	100%	0%
Football Adult Women 11v11 (16-45yrs)	23,245	8110	100%	0%
Football Youth Boys 11v11 (12-15yrs)	2,180	54	100%	0%
Football Youth Girls 11v11 (12-15yrs)	2,230	619	100%	0%
Football Youth Boys 9v9 (10-11yrs)	802	62	100%	0%
Football Youth Girls 9v9 (10-11yrs)	669	599	100%	0%
Football Mini Soccer Mixed 7v7 (8-9yrs)	1,579	88	100%	0%
Football Mini Soccer Mixed 5v5 (6-7yrs)	1,695	86	100%	0%
Cricket Open Age Ments (18-55yrs)	31,452	669	N/a	0%
Cricket Open Age Womens (18-55yrs)	33,055	33,055	N/a	0%
Cricket Junior Boys (7-18yrs)	8,506	189	N/a	0%
Cricket Junior Girls (7-18yrs)	8,107	2,702	N/a	0%
Rugby Union Senior Men (19-45yrs)	20,130	1,850	100%	0%
Rugby Union Senior Women (19-45yrs)	21,027	21,027	100%	0%
Rugby Union Youth Boys (13-18yrs)	3,759	289	100%	0%
Rugby Union Youth Girls (13-18yrs)	3,673	735	100%	0%
Rugby Union Mini/Mid/ Mixed (7-12yrs)	7,706	642	100%	0%
Rugby League Adult Men (19-45yrs)	0	0	100%	0%
Rugby League Adult Women (19-45yrs)	0	0	100%	0%
Rugby League Youth & Junior Boys (12-18yrs)	0	0	100%	0%
Rugby League Junior Girls (12-18yrs)	0	0	100%	0%
Rugby League Primary Mixed (7-11yrs)	0	0	100%	0%
Hockey Senior Men (16-55yrs)	33,033	11,011	100%	0%
Hockey Senior Women (16-55yrs)	34,553	11,517	100%	0%
Hockey Junior Boys (11-15yrs)	2,934	0	100%	0%
Hockey Junior Girls (11-15yrs)	2,953	0	100%	0%

*. The **peak time demand figures** can be amended from the default 100% if the current percentage of play in the peak period for the relevant pitch type is known. Before making any such amendment the playing pitch strategy assessment work should be looked at carefully as it may indicate that a change is not appropriate due to the nature of the peak period varying from season to season, and/or being a result of the lack of available pitches when people would wish to play. It may therefore be deemed appropriate to maintain the 100% figure to ensure that demand from new development can be met during any peak period.

The **projected changes in demand figures** are set at 0%. However, there may be robust evidence from the assessment work that demand in the area within a particular sport and age group has been growing and is set to continue. In such a case it would be appropriate to amend the figure accordingly to ensure this projected change in demand is incorporated into the calculator so the figures it produces reflect the projected position once the development is occupied.

If there are currently no teams in the area for a particular age group for a sport then the TGR will equal 0. In this case, even if there is evidence from the assessment work that projected changes in demand will increase the number of teams over the timescale of the new development the calculator is being used for, adjusting the relevant figure in column H will not reflect this (i.e. a 25% increase in 0 teams = 0 teams). To overcome this it is suggested that rather than amend Column H, a 'projected' TGR is added to Column E which reflects the projected change in demand i.e. if the assessment work suggests an area may go from 0 Rugby League Adult Women's teams to 2 then the current population in that age group in Column D e.g. 101,166 can be divided by 2 so a 'projected' TGR of 50,583 can be entered into Column E. A note should be made within the calculator to show that the change in demand has been addressed in this way.

** N/a for Cricket as demand is assessed across the season as opposed to the across the week.

Playing Pitch New Development Calculator – Workings Explained

Version: August 2018

To estimate the demand and provide indicative costs the calculator works through a series of questions in sequence. The questions and the process the calculator follows is presented below. The assumptions built into the process are in line with Sport England's Playing Pitch Strategy Guidance.

Q1 How many people from the new population fall within the individual pitch sport age groups?

- a. Current population within each age group (Column D, PPS Data Sheet) / the total population of the area (Cell D111, Calculator Sheet) = Current population in each age group as a percentage of the total population (Column F Workings Sheet).
- b. Current population in each age group as a percentage of the total population (Column F, Workings Sheet) X the new population to estimate the demand for (Cell D13, Calculator Sheet) = Number of people in the new development that fall within each age group (Column G, Workings Sheet).

Q2 How many teams may be generated by the new population?

- a. Number of people in the new development that fall within an age group (Column G, Workings Sheet) / the relevant current team generation rate for the area (Column E, PPS Data Sheet) X any projected change in demand (Column H, PPS Data Sheet) = Estimated number of teams generated by the new population (Column J, Workings Sheet).

Q3 How many match equivalent sessions during the relevant peak period may be demanded by the new population?

- a. Estimated number of teams generated by the new population for each age group (Column J, Workings Sheet) / 2 (to reflect home and away play i.e. a team will play a home match every other week) = Estimated demand for home matches generated per week (Column L, Workings Sheet) X the percentage of play during the peak period (Column G, PPS Data Sheet) = Match equivalent sessions during the weekly peak period (Column Q, Workings Sheet).
- b. For Cricket: Demand is assessed across the season as opposed to per week. Estimated number of teams generated by the new population for each age group (Column J, Workings Sheet) X 10 home matches a season for the adult age groups (X 8 home matches a season for the junior age groups) = Estimated number of home matches generated per season. The number of home matches equates to the number of match equivalent sessions during the season (Column O, Workings Sheet). The figures of 10 and 8 are a guide as to the number of home matches an average team in the respective age groups could have per season (Source: England and Wales Cricket Board advice within Sport England's Playing Pitch Strategy Guidance).
- d. Match equivalent sessions during the weekly peak period (or season for Cricket) for relevant age groups i.e. all adult football, all youth football are added together and presented as results within Part 2 of the Calculator Sheet.
- c. For Rugby Union (Mini/Midi 7-12 years) and Rugby League (Primary 7-11 years): Number of match equivalent sessions during the weekly peak period (Column O, Workings Sheet) are / 4 before being presented. This reflects that such age groups tend to use/mark out pitches on top of senior pitches using half a senior pitch for half the time of senior play therefore equating to 0.25 of a senior match equivalent session.

Q4 What do the match equivalent sessions equate to in terms of new pitch provision?

- a. If the percentage of match play in the peak period is set by the user at 100% (PPS Data sheet, Column G - Optional Info a.) the estimated demand in new pitches (Column Q, Workings Sheet) will equate to the number of match equivalent sessions identified during the weekly peak period (Column O, Workings Sheet) - i.e. all the match sessions will be taking place at the same time therefore each needing a pitch at the same time. If the user adjusts the percentage of match play in the peak period from 100% to say 75% then the number of pitches required will reduce by 25% reflecting that not all of sessions will be taking place at the same time. The exceptions to this are for Cricket and Hockey.
- b. For Cricket: Match equivalent sessions per season (Column O, Workings Sheet) / 40 for the adult age groups (/ 56 for the junior age groups) = Estimated demand in new pitches (Column Q, Workings Sheet) - based on a single cricket pitch having 8 grass wickets with each wicket being able to take 5 matches a year for adult play and 7 matches for junior play).
- c. Estimated demand in new pitches for relevant age groups (i.e. all adult football, all youth football) are added together and presented as results within Part 4 of the Calculator Sheet (as they are for Part 2 of the Calculator Sheet).
- c. For Hockey: Estimated demand in new pitches for all age groups (Column Q, Workings Sheet) are / 4 before being presented within Part 4 of the Calculator Sheet. This reflects that a single artificial grass pitch for Hockey can accommodate up to four matches on a peak day i.e. Saturday (Source: England Hockey advice within Sport England's Playing Pitch Strategy Guidance).

Q5 How much may it cost to provide the new pitch provision?

- a. Estimated demand in new pitches for the relevant age groups (Column Q, Workings Sheet) - added together as under question 4 above X Sport England's latest pitch capital costs (Column T, Workings Sheet) for the respective pitch type X Sport England's regional cost variation (Columns D-L Rows 38-376 Workings Sheet) = Estimated capital cost per pitch type for the number of new pitches (Column U, Workings Sheet).
- b. The capital cost figures for the relevant age groups are presented within Part 4 (Column G) of the calculator sheet.

Q6 What might the lifecycle costs of the new provision be?

- a. Capital cost per pitch type for the number of new pitches (Column U, Workings Sheet) X Sport England's annual percentage sinking fund cost for the relevant pitch type¹ = Annual sinking fund cost for the number of new pitches per pitch type (Column W, Workings Sheet).
- b. Capital cost per pitch type for the number of new pitches (Column U, Workings Sheet) X Sport England's annual percentage maintenance cost for the relevant pitch type² = Annual maintenance cost for the number of new pitches per pitch type (Column X, Workings Sheet).
- c. Annual sinking fund cost (Column W, Workings Sheet) X annual monitoring cost (Column X, Workings Sheet) = Total annual lifecycle cost for the estimated number of new pitches per pitch type (Column Y, Workings Sheet).

¹Capital costs Source: SE Facilities Costs Second Quarter 2015

²Lifecycle Costs - Based on a % of the total project cost per annum as set out in Sport England's Life Cycle Costs Natural Turf Pitches and Artificial Surfaces documents (April 2012)

Playing Pitch New Development Calculator – Workings

Version: August 2018

Q1. How many people from the new population fall within the individual pitch sport age groups?		Q2. How many teams may be generated by the new population?		Q3. How many match equivalent sessions during the relevant peak period may be demanded by the new population?		Q4. What do the match equivalent sessions equate to in terms of new pitch provision?		Q5. How much may it cost to provide the new pitch provision?		Q6. What might the lifecycle costs of the new provision be?			
Sporting Age Groups	% of total population in the area	No. of people within the new population	No. of teams generated by the new population	No. of teams generated by new population with change in demand factored in	Estimated demand for home matches per week - per year for Cricket	% of match play during the peak period	Match equivalent sessions during weekly peak period (during the year for Cricket)	Estimated demand in number of pitches required to meet additional demand during weekly peak period (during the year for Cricket)	Pitch Capital Cost (Q2 2018)	Estimated capital cost for no. of pitches generated by the new population	Pitch sitting fund cost (annual)	Pitch maintenance cost (annual)	Life cycle costs for no. of pitches generated by new population
Football Adult Men 11v11 (16-45yrs)	14.2%	24	0.06	0.06	0.03	100%	0.03	0.03	95,000	2,989	132	499	631
Football Adult Women 11v11 (16-45yrs)	14.7%	25	0.03	0.03	0.03	100%	0.03	0.03					
Football Youth Boys 11v11 (12-15yrs)	1.4%	2	0.04	0.04	0.02	100%	0.02	0.02	75,000	2,319	93	394	487
Football Youth Girls 11v11 (12-15yrs)	1.4%	2	0.00	0.00	0.00	100%	0.00	0.00					
Football Youth Boys 9v9 (10-11yrs)	0.5%	1	0.01	0.01	0.01	100%	0.01	0.01					
Football Youth Girls 9v9 (10-11yrs)	0.4%	1	0.00	0.00	0.00	100%	0.00	0.00					
Football Mini Soccer Mixed 7v7 (8-9yrs)	1.0%	2	0.02	0.02	0.01	100%	0.01	0.01	25,000	502	20	85	105
Football Mini Soccer Mixed 5v5 (6-7yrs)	1.1%	2	0.02	0.02	0.01	100%	0.01	0.01	285,000	5,729	281	877	1,157
Cricket Open Age Mens (18-55yrs)	19.8%	34	0.05	0.05	0.03	N/A	0.03	0.03					
Cricket Open Age Womens (18-55yrs)	20.8%	35	0.00	0.00	0.01	N/A	0.01	0.01					
Cricket Junior Boys (7-18yrs)	5.4%	9	0.05	0.05	0.03	N/A	0.03	0.03					
Cricket Junior Girls (7-18yrs)	5.1%	9	0.00	0.00	0.03	N/A	0.03	0.03					
Rugby Union Senior Men (19-45yrs)	12.7%	21	0.01	0.01	0.01	100%	0.01	0.01	135,000	2,374	112	39	508
Rugby Union Senior Women (19-45yrs)	13.3%	22	0.00	0.00	0.00	100%	0.00	0.00					
Rugby Union Youth Boys (13-18yrs)	2.4%	4	0.01	0.01	0.01	100%	0.01	0.01					
Rugby Union Youth Girls (13-18yrs)	2.3%	4	0.01	0.01	0.00	100%	0.00	0.00					
Rugby Union Mini/Mid Mixed (7-12yrs)	4.9%	8	0.01	0.01	0.01	100%	0.01	0.01					
Rugby League Adult Men (19-45yrs)	0.0%	0	0.00	0.00	0.00	100%	0.00	0.00	110,000	0	0	0	0
Rugby League Adult Women (19-45yrs)	0.0%	0	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Youth & Junior Boys (12-18yrs)	0.0%	0	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Junior Girls (12-18yrs)	0.0%	0	0.00	0.00	0.00	100%	0.00	0.00					
Rugby League Primary Mixed (7-11yrs)	0.0%	0	0.00	0.00	0.00	100%	0.00	0.00					
Hockey Senior Men (16-55yrs)	20.8%	35	0.00	0.00	0.03	100%	0.03	0.03	800,000	639	17	3	20
Hockey Senior Women (16-55yrs)	21.8%	37	0.00	0.00	0.03	100%	0.03	0.03					
Hockey Junior Boys (11-15yrs)	1.9%	3	0.00	0.00	0.00	100%	0.00	0.00					
Hockey Junior Girls (11-15yrs)	1.9%	3	0.00	0.00	0.00	100%	0.00	0.00					
						Total				14,553	653	2,255	2,908

Capital costs source: SE Facilities Costs Served Quarter 2018
 Lifecycle Costs - Based on 8% of the total project cost not shown as set out in Sport England's Life Cycle Costs National Turf Pitches and Artificial Surfaces Research (April 2012)

Note: Cricket Pitch Cost = 8 pitch square and 2 winter sport pitches,
 Hockey Pitch Cost = 18mm Sand Dressed, Fenced, Sports Lighting.

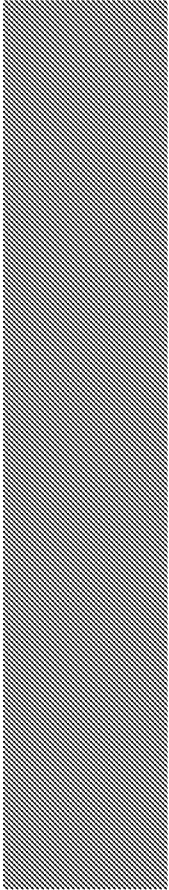
County Level Cost Variations

Local Authority		County	Variation
Adur		West Sussex	1.13
Alerdale		Cumbria	1.04
Amber Valley		Derbyshire	1.04
Arun		West Sussex	1.13
Ashfield		Nottinghamshire	1.02
Ashford		Kent	1.14
Aylesbury Vale		Buckinghamshire	1.11
Babergh		Suffolk	0.98
Barking & Dagenham		LB Barking	1.14
Barnet		LB Barnet	1.18
Barnsley		South Yorkshire	0.9
Barrow in Furness		Cumbria	1.04
Basildon		Essex	1.04
Basingstoke & Deane		Hampshire	1.1
Bassetlaw		Nottinghamshire	1.03
Bath & N E Somerset		Somerset	0.96
Bedford		Bedfordshire	1.04
Bexley		LB Bexley	1.2
Birmingham		West Midlands	0.99
Blaby		Leicestershire	1.03
Blackburn with Darwen		Lancashire	1.02
Blackpool		Lancashire	1.02
Blisnower		Derbyshire	1.04
Bolton		Grt Manchester	1.02
Boston		Lincolnshire	1.03
Bournemouth		Dorset	1
Bracknell Forest		Berkshire	1.13
Bedford		West Yorkshire	0.88
Brantree		Essex	1.04
Breckland		Norfolk	0.96
Brent		LB Brent	1.19
Brentwood		Essex	1.04
Brighton & Hove		East Sussex	1.14
Bristol		Avon	0.98
Broadland		Norfolk	0.96
Broads National Park		Norfolk	0.96
Bromley		LB Bromley	1.17
Bromsgrove		West Midlands	0.99
Broxbourne		Hertfordshire	1.07
Broxhove		Nottinghamshire	1.02
Burnley		Lancashire	1.02
Bury		Grt Manchester	1.02
Calderdale		West Yorkshire	0.88
Cambridge		Cambridgeshire	1
Camden		LB Camden	1.28
Canmock Chase		Staffordshire	0.97
Canterbury		Kent	1.14
Cardiff		Cumbria	1.04
Castle Point		Essex	1.04
Central Bedfordshire		Bedfordshire	1.04
Charnwood		Leicestershire	1.03
Chelmsford		Essex	1.04
Cheltenham		Gloucestershire	0.9
Cherwell		Oxfordshire	1.09
Cheshire East		Cheshire	1.03
Cheshire West & Chester		Cheshire	1.03
Cheshirefield		Derbyshire	1.04
Chester		West Sussex	1.13
Chiltern		Buckinghamshire	1.11
Chorley		Lancashire	1.02
Christchurch		Dorset	1
City of London		City of London	1.2
City of Westminster		City of Westminster	1.27
Colchester		Essex	1.04
Copeland		Cumbria	1.04
Corby		Northamptonshire	1.08
Corwall		Corwall	1

Regional cost variations.		County	AT 25/05/18
Avon		Avon	0.98
Bedfordshire		Bedfordshire	1.04
Berkshire		Berkshire	1.13
Buckinghamshire		Buckinghamshire	1.11
Cambridgeshire		Cambridgeshire	1.00
Cheshire		Cheshire	1.03
City of London		City of London	1.20
City of Westminster		City of Westminster	1.27
Cleveland		Cleveland	0.97
Comwall		Comwall	1.00
Cumbria		Cumbria	1.04
Derbyshire		Derbyshire	1.04
Devon		Devon	0.97
Dorset		Dorset	1.00
Durham		Durham	0.98
East Sussex		East Sussex	1.14
England		England	1.00
Essex		Essex	1.04
Gloucestershire		Gloucestershire	0.90
Grt Manchester		Grt Manchester	1.02
Hampshire		Hampshire	1.10
Hereford & Worcester		Hereford & Worcester	1.00
Hertfordshire		Hertfordshire	1.07
Hunterside		Hunterside	0.89
Kent		Kent	1.14
Lancashire		Lancashire	1.02
LB Barking		LB Barking	1.14
LB Barnet		LB Barnet	1.18
LB Bexley		LB Bexley	1.20
LB Brent		LB Brent	1.19
LB Bromley		LB Bromley	1.17
LB Camden		LB Camden	1.28
LB Croydon		LB Croydon	1.20
LB Ealing		LB Ealing	1.24
LB Enfield		LB Enfield	1.15
LB Greenwich		LB Greenwich	1.21
LB Hackney		LB Hackney	1.23
LB Hammersmith & F		LB Hammersmith & F	1.26
LB Haringey		LB Haringey	1.26
LB Harrow		LB Harrow	1.14
LB Havering		LB Havering	1.05
LB Hillingdon		LB Hillingdon	1.13
LB Hounslow		LB Hounslow	1.13
LB Islington		LB Islington	1.25
LB Kensington & Chel		LB Kensington & Chel	1.32
LB Kingston		LB Kingston	1.22
LB Lambeth		LB Lambeth	1.25
LB Lewisham		LB Lewisham	1.17
LB Merton		LB Merton	1.21
LB Newham		LB Newham	1.15
LB Redbridge		LB Redbridge	1.12
LB Richmond		LB Richmond	1.19
LB Southwark		LB Southwark	1.25
LB Sutton		LB Sutton	1.16
LB Tower Hamlets		LB Tower Hamlets	1.23
LB Waltham Forest		LB Waltham Forest	1.15
LB Wandsworth		LB Wandsworth	1.27
Leicestershire		Leicestershire	1.03
Lincolnshire		Lincolnshire	1.03
Merseyside		Merseyside	1.02
No costs		No costs	1.00
Norfolk		Norfolk	0.96
North Yorkshire		North Yorkshire	0.94
Northamptonshire		Northamptonshire	1.08
Northumberland		Northumberland	1.00
Nottinghamshire		Nottinghamshire	1.02

Criswold		Gloucestershire	0.9
County Durham		Durham	0.98
Cowertty		West Midlands	0.99
Craven		North Yorkshire	0.94
Crawley		West Sussex	1.13
Croydon		LB Croydon	1.2
Dacorum		Herfordshire	1.07
Darlington		Durham	0.98
Dartford		Kent	1.14

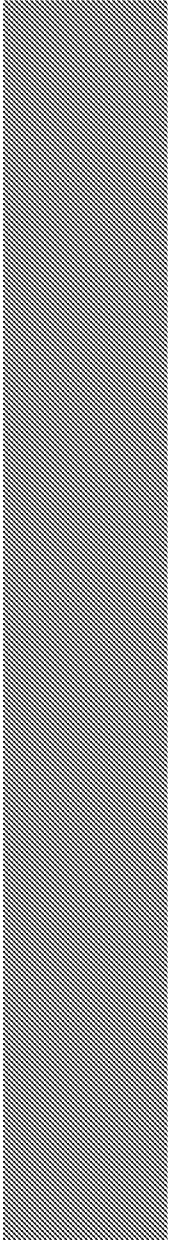
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Scotland		0.99
Shropshire		0.98
Somerset		0.96
South Yorkshire		0.90
Staffordshire		0.97
Suffolk		0.98
Surrey		1.19
Tyne & Wear		0.96



Wales		0.84
Warwickshire		1.01
West Midlands		0.99
West Sussex		1.13
West Yorkshire		0.88
Wiltshire		0.98

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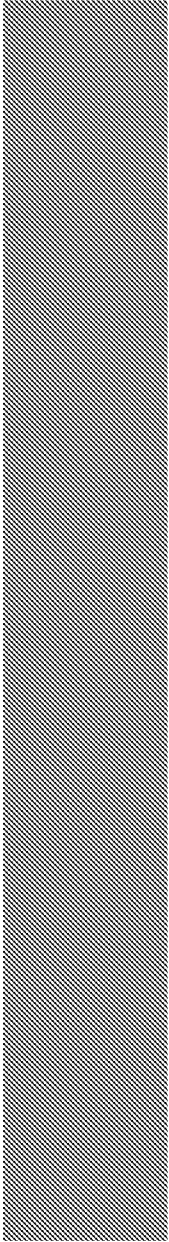
Kingston Upon Thames	LB Kingston	1.22
Kirklees	West Yorkshire	0.88
Mendips	Messerside	1.03
Lake District National Park	Cumbria	1.04
Lambeth	LB Lambeth	1.25
Lancaster	Lancashire	1.02
Leeds	West Yorkshire	0.88
Leicester	Leicestershire	1.03
Lewes	East Sussex	1.14



Lewisham		LB Lewisham	1.17
Lichfield		Staffordshire	0.97
Lincoln City		Lincolnshire	1.03
Liverpool		Merseyside	1.02
Luton		Bedfordshire	1.04
Maidstone		Kent	1.14
Maldon		Essex	1.04
Malvern Hills		Hereford & Worces	1
Manchester		Grt Manchester	1.02
Mansfield		Nottinghamshire	1.02
Medway		Kent	1.14
Melton		Leicestershire	1.03
Mendip		Somerset	0.96
Merton		LB Merton	1.21
Mid Devon		Devon	0.97
Mid Suffolk		Suffolk	0.98
Mid Sussex		West Sussex	1.13
Middlesbrough		North Yorkshire	0.94
Milton Keynes		Buckinghamshire	1.11
Mole Valley		Surrey	1.19
New Forest		Hampshire	1.1
New Forest National Park		Hampshire	1.1
Newark & Sherwood		Nottinghamshire	1.02
Newcastle		Tyne & Wear	0.96
Newcastle Under Lyme		Staffordshire	0.97
Newham		LB Newham	1.15
North Devon		Devon	0.97
North Dorset		Dorset	1
North East Derbyshire		Derbyshire	1.04
North East Lincolnshire		Lincolnshire	1.03
North Herts		Hertfordshire	1.07
North Kesteven		Lincolnshire	1.03
North Lincolnshire		Lincolnshire	1.03
North Norfolk		Norfolk	0.96
North Somerset		Somerset	0.96
North Tyneside		Tyne & Wear	0.96
North Warwickshire		Warwickshire	1.01
North West Leicestershire		Leicestershire	1.03
North Yorkshire Moors National Park		North Yorkshire	0.94
Northampton		Northamptonshire	1.08
Northumberland County		Northumberland	1
Northumberland National Park		Northumberland	1
Norwich		Norfolk	0.96
Nottingham		Nottinghamshire	1.02
Nuneaton & Bedworth		Warwickshire	1.01
Oadby & Wigston		Leicestershire	1.03
Oldham		Grt Manchester	1.02
Oxford City		Oxfordshire	1.09
Peak District National Park		Derbyshire	1.04
Pendle		Lancashire	1.02
Peterborough		Cambridgeshire	1
Plymouth		Devon	0.97
Poole		Dorset	1
Porrmouth		Hampshire	1.1
Freston		Lancashire	1.02
Purbeck		Dorset	1
Reading		Berkshire	1.13
Redbridge		LB Redbridge	1.12
Redcar & Cleveland		North Yorkshire	0.94
Redditch		Hereford & Worces	1
Regate & Benstead		Surrey	1.19
Ribble Valley		Lancashire	1.02
Richmond Upon Thames		LB Richmond	1.19
Richmondshire		North Yorkshire	0.94
Rochdale		Grt Manchester	1.02
Rochford		Essex	1.04
Rossendale		Lancashire	1.02
Rother		East Sussex	1.14
Rotherham		South Yorkshire	0.9
Rugby		Warwickshire	1.01
Rumymede		Surrey	1.19



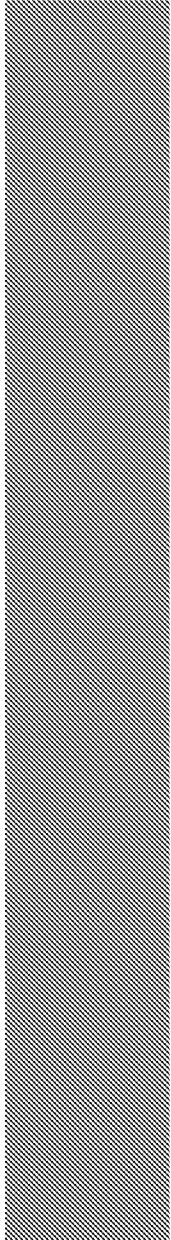
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Rushmoor	Hampshire	1.1
Rutland	Leicestershire	1.03
Ryedale	North Yorkshire	0.94
Salford	Grt Manchester	1.02
Sandwell	West Midlands	0.99
Scarborough	North Yorkshire	0.94
Sedgemoor	Somerset	0.96
Sefton	Merseyside	1.02



Selby		North Yorkshire	0.94
Severnorks		Kent	1.14
Sheffield		South Yorkshire	0.9
Shepway		Kent	1.14
Shropshire		Shropshire	0.98
Slough		Berkshire	1.13
Solihull		West Midlands	0.99
South Bucks		Buckinghamshire	1.11
South Cambridgeshire		Cambridgeshire	1
South Derbyshire		Derbyshire	1.04
South Downs National Park		West Sussex	1.13
South Gloucestershire		Gloucestershire	0.9
South Hams		Devon	0.97
South Holland		Lincolnshire	1.03
South Kesteven		Lincolnshire	1.03
South Lakeland		Cumbria	1.04
South Norfolk		Norfolk	0.96
South Northants		Northamptonshire	1.08
South Oxfordshire		Oxfordshire	1.09
South Ribbles		Lancashire	1.02
South Somerset		Somerset	0.96
South Staffordshire		Staffordshire	0.97
South Tyneside		Tynes & Wear	0.96
Southampton		Hampshire	1.11
Southend On Sea		Essex	1.04
Southwark		LB Southwark	1.25
Spelthorne		Surrey	1.19
St Albans		Hertfordshire	1.07
St Edmundsbury		Suffolk	0.98
St Helens		Merseyside	1.03
Stafford		Staffordshire	0.97
Staffordshire Moorlands		Staffordshire	0.97
Stevenage		Hertfordshire	1.07
Stockport		Grt Manchester	1.02
Stockton On Tees		North Yorkshire	0.94
Stoke On Trent		Staffordshire	0.97
Stafford On Avon		Warwickshire	1.01
Stroud		Gloucestershire	0.9
Suffolk Coastal		Suffolk	0.98
Sunderland		Tynes & Wear	0.96
Surrey Heath		Surrey	1.19
Sutton		LB Sutton	1.16
Swale		Kent	1.14
Swindon		Wiltshire	0.96
Tameside		Grt Manchester	1.02
Tamworth		Staffordshire	0.97
Tandridge		Surrey	1.19
Taunton Deane		Somerset	0.96
Teignbridge		Devon	0.97
Telford & Wrekin		Shropshire	0.98
Tendring		Essex	1.04
Tees Valley		Hampshire	1.11
Tewkesbury		Gloucestershire	0.9
Thanet		Kent	1.14
Three Rivers		Hertfordshire	1.07
Thurrock		Essex	1.04
Tonbridge & Malling		Kent	1.14
Torbay		Devon	0.97
Torridge		Devon	0.97
Tower Hamlets		LB Tower Hamlets	1.23
Trafford		Grt Manchester	1.02
Tunbridge Wells		Kent	1.14
Uttlesford		Essex	1.04
Vale of White Horse		Oxfordshire	1.09
Wakefield		West Yorkshire	0.88
Walsall		West Midlands	0.99
Waltham Forest		LB Waltham Forest	1.15
Wandsworth		LB Wandsworth	1.27
Warrington		Cheshire	1.03
Warwick		Warwickshire	1.01
Watford		Hertfordshire	1.07



Waveney	Suffolk	0.98
Waverley	Surrey	1.19
Wexham	East Sussex	1.14
Wellingborough	Northamptonshire	1.08
Wellingborough	Northamptonshire	1.07
West Berkshire	Berkshire	1.13
West Devon	Devon	0.97
West Dorset	Dorset	1
West Lancashire	Lancashire	1.02



West Lindsey	Lincolnshire	1.03
West Oxfordshire	Oxfordshire	1.09
West Somerset	Somerset	0.96
Weymouth & Portland	Dorset	1
Wigan	Grt Manchester	1.02
Wiltshire	Wiltshire	0.98
Winchester	Hampshire	1.1
Windsor & Maidenhead	Berkshire	1.13
Wirral	Merseyside	1.02
Woking	Surry	1.19
Wokingham	Berkshire	1.13
Wolverhampton	West Midlands	0.99
Worcester	Hereford & Worces	1
Worthing	West Sussex	1.13
Wychaeon	Hereford & Worces	1
Wycombe	Buckinghamshire	1.11
Wyre	Lancashire	1.02
Wyre Forest	Hereford & Worces	1
York	North Yorkshire	0.94
Yorkshire Dales National Park	North Yorkshire	0.94
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