

## Appendix 2

# APPENDICES

Draft for Executive

## Appendix 1: Population Figures

This appendix sets out the assumed population generation rates per dwelling for Oxfordshire. Based on figures derived from OCC's Survey of New Housing (2008) and the 2014 SHMA mix, the average occupancy rate per dwelling for the whole of Oxfordshire is 2.49. This assumes that an average development would contain 15% one bed dwellings, 30% two bed dwellings, 40% three bed dwellings, and 15% four bed dwellings. (Source: SHMA 2014).

### Average Occupancy per Dwelling

Dwelling Type	One Bed	Two Bed	Three Bed	Four Bed
All Ages	1.28	1.85	2.88	3.96

(Source: OCC – based on OCC Survey of New Housing 2008)

It should be noted that these figures are subject to change. The results of an updated survey of new housing are currently being collated and are due to be published in 2018.

The above occupancy rates will be applied to all residential development proposals of 399 dwellings and below. For larger developments an excel based model known as POPCAL 10 will be used to calculate a detailed population profile associated with the proposed development.

### Average Pupil Generation per Dwelling

School Category (Years)	One Bed	Two Bed	Three Bed	Four Bed
Nursery (2-3)	0.00	0.05	0.10	0.12
Primary (4-10)	0.00	0.17	0.39	0.51
Secondary (11-15)	0.00	0.09	0.23	0.35
Sixth Form	0.00	0.01	0.03	0.07

(Source: OCC – based on OCC Survey of New Housing 2008)

A reduction of 15% to the pupil generation rates has been applied to take account of pupils who will be educated in the independent sector. The sixth form rates have been discounted further to account for pupils leaving school before the sixth form.

## Appendix 2: Indices used for Contributions Sought on behalf of OCC

Contributions sought on behalf of OCC will be index-linked to maintain the real value of the payments.

Indexation will be applied using the formula:

$$\text{Index Linked Contribution} = \text{Revised Index Value}^{**} \div (\text{Principal Amount} \times \text{Base Index Value}^*)$$

\* A base date for contributions is established in this Guide and within the planning obligation. Using this base date a precise value within a particular index can be found.

\*\* The date that the contribution is indexed to will be identified within the planning obligation. This will usually be the date of payment. Using this revised date a precise value within a particular index can be identified.

The table below sets out the indices that will be used.

Contribution Type	Index Name	Source	Notes
Transport contributions (excluding Public Transport Services)	Baxter	Made available through the Building Cost Information Service (BCIS) of the Royal Institute of Chartered Surveyors (RCIS)	This index is a composite index comprising the following weighted indices from the Civil Engineering Formula '1990 Series'  Index 1: Labour & Supervision (25%)  Index 2: Plant & Road Vehicles (25%)  Index 3: Aggregates (30%)  Index 9: Coated Macadam & Bitumous Products (20%)
Public Transport Services Contributions	RPIX	ONS	RPIX is a measure of inflation in the UK. It is equivalent to the Retail Price Index (RPI) excluding mortgage interest payments.
All Other contributions	Tender Price Index of Public Sector Building (Non-housing) PUBSEC	Made available through the Building Cost Information Service (BCIS) of the Royal Institute of	The PUBSEC index is compiled from bills of quantities of accepted tenders forwarded from

		Chartered Surveyors (RICS)	Government Departments. The Index is an indicator of the trend in accepted tender prices for constructing public sector works in Great Britain. The results are published quarterly.
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## Appendix 3: Education Infrastructure: Calculation of Contributions

Contributions for educational infrastructure will be calculated by multiplying the net increase in the forecast number of pupils (of the appropriate age) moving in to the new housing by the 'cost per pupil' of the required additional infrastructure.

### Average Pupil Generation per Dwelling

School Category (ages)	One Bed	Two Bed	Three Bed	Four Bed
Nursery (2-3)	0.00	0.05	0.10	0.12
Primary (4-10)	0.00	0.17	0.39	0.51
Secondary (11-15)	0.00	0.09	0.23	0.35
Sixth Form	0.00	0.01	0.03	0.07

These rates are derived from the Oxfordshire Survey of New Housing (2008). Please note that survey updates may necessitate revised pupil generation figures.

A reduction of 15% to the pupil generation rates has been applied to take account of pupils who will be educated in the independent sector. The sixth form rates have been discounted further to account for pupils leaving school before the sixth form.

Based on the current percentage of pupils being educated in Special Educational Needs (SEN) schools in Oxfordshire 1.1% of the total pupils generated by the development will need to be educated in a SEN school (the majority of pupils with a statement of special educational needs are educated in 'mainstream' schools).

The table below sets out the standard cost per pupil of providing an extension to an existing facility. These standard costs will be used unless there is a specific scheme cost or where a new school is required. The figures are from the Department for Education (DfE) and have been adjusted for Oxfordshire using the DfE published location factors.

**Table 1: Cost per pupil for extensions to existing facilities**

	Total Cost per Pupil for Extensions (Cost base for indexation4Q16)
Nursery	£13,901
Primary	£13,901
Secondary	£21,033
Sixth Form	£22,454
SEN	£38,751

To give an indication of the contributions which may be necessary to address the impact of proposals the cost per pupil for extensions to existing facilities is multiplied by the pupil generation rates per dwelling to reach the contributions per dwelling shown below.

**Table 2: Contribution per dwelling**

	1 Bed	2 bed	3 Bed	4+ bed
Nursery	£0	£695	£1,390	£1,668
Primary	£0	£2,363	£4,948	£6,471
Secondary	£0	£1,893	£4,415	£6,718
Sixth Form	£0	£225	£615	£1,434
SEN	£0	£115	£277	£396

If a development creates all or part of the need for a new school a different level of contribution reflecting the actual estimated cost for the new school or part thereof will be applied. Where the development substantially necessitates a new school, developers will be expected to provide at nil cost to the education provider a suitable site (both in terms of size and location) which is fully serviced, fully decontaminated and remediated.

The Tables below give an indication of the likely costs of new educational infrastructure:

#### Cost of New Build Primary Schools

Size of School	Number of pupils accommodated		Cost (Excluding Land & Abnormals)	Cost Base
	aged 2-3	Aged 4-10		
1 Form Entry + nursery	60	210	£ 7,212,015	4Q 16
1.5 Form Entry + nursery	75	315	£9,166,019	4Q 16
2 Form Entry + nursery	90	420	£ 10,952,913	4Q 16

#### Cost of New Build Secondary Schools

Type of School	Number of Pupils accommodated	Cost (Excluding Land & Abnormals)	Cost Base
Secondary (11-16)	600	£ 17,847,000	4Q 16
Secondary (11-16)	900	£ 24,338,000	4Q 16
Secondary (11-16)	1200	£30,932,000	4Q 16
Secondary (11-18)	700	£21,438,000	4Q 16
Secondary (11-18)	1100	£30,288,000	4Q 16
Secondary (11-18)	1500	£39,145,000	4Q 16

**Appendix 4: Local Standards of Provision – Outdoor Recreation.**

Type of Provision	Quantitative Standard	Accessibility Standard	Minimum Size of Provision	Threshold for On-Site Provision
General green space (parks & gardens/natural semi-natural/amenity green space)	2.4ha per 1000 urban dwellers	5 minute walk (amenity open space) (400m)	200sqm	10 urban dwellings
	2.74ha per 1000 rural/urban dwellers	15 minute walk other (1200m)		6 rural/urban edge dwellings
Play space (combining provision for younger and older children including MUGAs)	0.78ha per 1000 people	5 minutes walk (400m) except for NEAPs 15 minute walk (1200m)	LAP – 100sqm activity zone; 400sqm including buffer	10 dwellings (for a LAP)
			LEAP – 400sqm activity zone; 3600sqm including buffer	50 dwellings (for a LEAP and LAP)
			NEAP – 1000sqm activity zone; 8500sqm including buffer	100 dwellings for a NEAP and LEAPs/ LAPs
			NB: In some cases a combined all-age area of play will be preferable to provision of LAPs/LEAPs/NEAPs.	
Outdoor sports provision (combining tennis courts, bowling greens, golf courses and playing pitches) ( to be accompanied by changing facilities where appropriate)	1.13ha per 1000 people	Football, rugby, cricket: 10 minute walk (800m) urban areas, 10 minute travel time (8km) rural areas  Tennis courts: 15 minute walk (1200m) urban areas, 15 minute	0.12ha	65 dwellings

Type of Provision	Quantitative Standard	Accessibility Standard	Minimum Size of Provision	Threshold for On-Site Provision
		travel time (12km) rural areas  Bowling greens, golf courses: 15 minute travel time (12km)  Hockey: 20 minute travel time.		
Allotments	0.37ha per 1000 people	10 minute walk (800m)	0.2ha	275 dwellings



## Appendix 5: Summary of demand for open space, sport and recreational facilities by development type

Type of Green space	Houses	Flats	Bedsits	Hostels	Sheltered Accom	V. Sheltered accom	Care homes	Student accom
<b>Parks and gardens</b>	yes	yes	yes	yes	yes	no	no	yes
<b>Natural/semi natural green space</b>	yes	yes	yes	yes	yes	no	no	yes
<b>Amenity green space</b>	yes	yes	yes	yes	yes	no	no	yes
<b>Play provision</b>	yes	yes	no	no	no	no	no	no
<b>MUGAs</b>	yes	yes	no	no	no	no	no	yes
<b>Tennis courts</b>	yes	yes	yes	yes	no	no	no	yes
<b>Bowling greens</b>	yes	yes	yes	yes	yes	no	no	yes
<b>Golf courses</b>	yes	yes	yes	yes	no	no	no	yes
<b>Allotments</b>	yes	yes	yes	yes	yes	no	no	yes
<b>Pitches</b>	yes	yes	yes	yes	no	no	no	yes

## Appendix 6: Commuted Sums for Children's Play Space, Sports Pitches, Public Open Space

The commuted sums for capital infrastructure are based on current contractor costs. The landscape maintenance rates are taken from the annually updated competitive rates of the Council's landscape maintenance contract. (quoted sums from 2016/2017)

Each provision is multiplied by the current multiplier to commute the payment over a 15 year period

Current Inflation Figure = CPI 0.5%

Current Multiplier - 15

Play Areas – Maintenance Provision	Total Cost (£)
LAP – Equipped (400m <sup>2</sup> )	27501.52
LAP – Free Play Zone (400m <sup>2</sup> )	12394.26
LEAP (3600m <sup>2</sup> )	108761.69
LEAP/LAP Combined (4000m <sup>2</sup> )	121492.13
NEAP (9500m <sup>2</sup> )	249994.49
NEAP/LEAP Combined (13100m <sup>2</sup> )	350435.88

Play Areas – Capital Provision	Total Cost (£)
LAP – Equipped (400m <sup>2</sup> ) Local Area for Play (fencing, furniture, surfacing & signage)	20779.15
LAP – Free Play Zone (400m <sup>2</sup> ) Local Area for Play (fencing, furniture, path surfacing & signage)	10882.91
LEAP (3600m <sup>2</sup> ) Local Equipped Area for Play (play equipment, fencing, furniture, surfacing & signage)	60783.45
LEAP/LAP – Combined (4000m <sup>2</sup> ) Local Equipped Area for Play (play equipment, fencing, furniture, surfacing & signage)	74723.30
NEAP (8500m <sup>2</sup> ) Neighbourhood Equipped Area for Play (play equipment, MUGA, fencing, furniture, surfacing & signage)	240326.82

Outdoor Sports Facilities – Maintenance Provision	Total Cost (£)
Tennis/netball/basketball court	27468.25
Bowling Green	173303.86
Cricket Square	53197.08
Football Pitch - Senior	70195.95
Football Pitch - Junior	61589.12
Synthetic Pitch – 400mm 3G (130m x 90m)	111638.94
Pavilions	
2 changing room – Tennis & Bowls	43164.75
2 changing room – Football – 1 pitch	41338.67
4 changing room – Football – 2 pitches	55084.05
6 changing room – Football – 3 pitches	71871.57

Outdoor Sports Facilities – Capital Provision	Total Cost (£)
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Tennis/netball/basketball court	40903.50
Bowling Green	122449.20
Cricket square	43267.93
Football pitch - Senior	77647.64
Football pitch - Junior	62670.80
Synthetic pitch – 40mm 3G (130m x 90m)	582900.00
Pavilion	
2 changing room – Tennis & Bowls	431648.51
2 changing room – Football – 1 pitch	413392.68
4 changing room – Football – 2 pitches	550840.50
6 changing room – Football – 3 pitches	718715.70

<b>Green Infrastructure – Maintenance Provision</b>	<b>Total Cost (£)</b>
Public Open Space (cost per hectare)	93222.18 (per m <sup>2</sup> – 9.32)
Hedge Maintenance (cost per 1000 Lnm)	14354.42 (per m <sup>2</sup> – 14.35)
New Woodland Area Maintenance (cost per 1000m <sup>2</sup> )	23233.59 (per m <sup>2</sup> – 23.23)
Mature Woodland Area Maintenance (cost per 1000m <sup>2</sup> )	4629.23 (per m <sup>2</sup> – 4.63)
Mature Tree Management (cost per 10 trees)	3348.23

<b>Green Infrastructure – Capital Provision</b>	<b>Total Cost (£)</b>
Public Open Space (cost per hectare)	110829.85
Hedge Planting (cost per 1000Lnm)	6051.91
New woodland planting (cost per 1000m <sup>2</sup> )	6545.57

<b>Water Feature – Maintenance Provision</b>	<b>Total Cost (£)</b>
Pond maintenance (per 500m <sup>2</sup> )	21904.28 (per m <sup>2</sup> – 43.81)
Ditch maintenance (per 500 m <sup>2</sup> )	16290.05 (per m <sup>2</sup> – 32.58)
Stream Maintenance (per 500m <sup>2</sup> )	8969.63 (per m <sup>2</sup> – 17.94)
Balancing Pond maintenance (per 500m <sup>2</sup> )	5812.92 (per m <sup>2</sup> – 11.63)

<b>Allotments – Maintenance Provision</b>	<b>Total Cost (£)</b>
Allotment Areas (cost per hectare)	42190.84 (per m <sup>2</sup> – 4.22)
<b>Allotments – Capital Provision</b>	
Allotment Areas (cost per hectare)	255713.11

<b>Off- Site Contributions</b>	<b>Total Cost (£)</b>
In lieu of Children’s Play Facilities – Developments (10+ dwellings)	23068.62 (per dwelling – 2306.86)

In lieu of Sports Pitch provision- Developments (10+ dwellings)	20170.30 (per dwelling- 2017.03)
In lieu of Open Space Provision- Developments (10+ dwellings)	14262.65 (per dwelling- 1426.27)

## **Appendix 7: Open Space, Sport and Recreation: Process and Procedures for Applications where On-Site Provision is Required.**

### **Pre-application**

The LPA will identify the on-site open space, sport (indoor/outdoor), recreation and play provision required, and the planning obligation (including commuted sums/rates) that is required.

The LPA will identify requirements in consultation with the appropriate Parish and Town Councils. Normally Town and Parish Councils are the preferred custodians and providers of open space, play, sport and recreation facilities and they will be expected to take ownership or adopt the facilities. In exceptional cases Town and Parish Councils may not be willing or able to take ownership or adoption and in these cases the LPA will proceed on the basis that the District Council will be generally be responsible for the long term ownership, management and maintenance after transfer.

Where possible any options for off-site provision will be identified at this stage.

### **Application**

The same procedure for Pre-application applies. At this stage the LPA will seek the agreement of Parish and Town Councils to the concept and layout, and /or landscaping being undertaken, of the open space, sport (indoor/outdoor), recreation and play provision prior to the granting of planning permission. Their commitment to future ownership or adoption will also be expected.

At application stage specific proposals must be identified and defined to support preparation of planning obligation documents.

### **Approval of Submitted Open Space, Sport, Recreation and Play Proposals (Construction Details)**

Conditions and planning obligations will require the developer to submit detailed proposals to the LPA for approval. These proposals must include detailed drawings, specifications, guarantees (transferable) and maintenance specifications to BS/EN standards. The LPA will provide formal approval to the developer once internal consultations are completed, or seek amendments to the open space, sport, recreation and play proposals, as necessary.

Approvals will be managed as follows:

- The LPA will discharge the conditions/obligations when open space, sport, recreation and play provision details are deemed acceptable by the Council.
- It is important to note that the development must not commence until there has been submitted to and approved by the LPA a scheme (including a phased programme [on large developments]) for the laying out, hard and soft landscaping and equipping of the open space, sport, recreation and play provision including, supporting changing accommodation.
- The planting, turfing and seeding to the open space, sport, recreation and play provision is to take place during the first planting season following the commencement of development [or phase of development]. The setting out of the landscaping and equipping of the open space, sport, recreation and play provision is to be in accordance with the approved scheme to the satisfaction of the LPA.

- The Developer is required to notify the LPA on the commencement and completion of the open space, sport, recreation and play provision, and must maintain the provision to its original standard for a period of twelve months following its completion, as certified by the LPA, replacing items (including surfaces) which are defective in the opinion of the LPA in accordance with the approved details contained in the scheme, and replacing any trees or shrubs which may die, are removed or become seriously damaged or diseased with others of similar size and species to the satisfaction of the LPA, The Developer is to carry on maintaining the open space, sport, recreation and play provision and supporting changing accommodation until these facilities are transferred, and to give access to the LPA's officers to enter to the area/s to carry out inspections.
- The LPA is to be notified by the developer on the commencement and completion of the open space, sport, recreation and play provision and supporting changing accommodation and the LPA will inspect the development at the following stages:
  - a) setting out,
  - b) drainage,
  - c) equipment installation,
  - d) surfacing; and
  - e) planting (including grass / wildflower seeding)

The developer is to ensure that a report is to be provided by a recognised body certifying that the construction is adequate for the intended use and submitted to the LPA.

### **Monitoring Development**

The Developer is to provide an indicative timetable of on-site operations including indicative dates for the stages of construction and completion of the open space, sport, recreation and play provision to the LPA for the Council's coordinated monitoring of the open space, sport, recreation and play provision and supporting changing accommodation. It is necessary for the Developer to advise the LPA when the laying out of the open space, sport, recreation and play provision is taking place.

The LPA will monitor the commencement of development, compliance with conditions and planning obligations.

The LPA will endeavour to carry out inspections within 5 working days of notification by the developer at the stages listed above with the aim of ensuring that works are satisfactory, to identify remedial works when necessary and areas completed in accordance with the approved plan. Records will be kept on monitoring sheets of all inspections, and minutes of site meetings.

### **Enforcement (before practical completion)**

The LPA will take enforcement action on conditions and obligations, should it be necessary, and will ensure good record keeping as evidence and provide expert witness statements, if required.

### **Practical Completion**

The Developer must arrange for satisfactory Royal Society for the Prevention of Accidents (RoSPA) inspections and the subsequent reports to be forwarded to the LPA. They must also obtain transferable

guarantees for equipment which must also be sent to the LPA. For natural sports pitches or courts a satisfactory post completion 'fit for purpose' report from a recognised body, such as the Sports Turf Research Institute (STRI) or a member of the Sports and Play Construction Association (SAPCA), will be required. The Developer is to provide two sets of as-built drawings for the LPA. The LPA will carry out inspections of the completed open space, sport, recreation and play provision and inform the Developer of any defects in writing. The Developer must correct the defects as soon as possible and inform the LPA's planning department when the defects have been remedied, as early as possible. The LPA will then issue certificates of practical completion, detailing outstanding items of work, copies of which to be provided to the Developer and contractor.

The Developer is to confirm to the LPA that remedial works to defects are complete. Once the LPA has inspected the remedial works and found them to be satisfactory the LPA will then confirm that all works are complete in accordance with the approved plans and the open space, sport, recreation and play provision is acceptable for adoption.

The LPA will check and revise commuted sum calculations, if required (in cases where a schedule of rates was given by the District Council and shown in the planning obligation).

The Developer must ensure that the play areas/MUGAs are opened for use once practical completion is granted. Insurance cover must be provided by developer until formal transfer by the District. The developer should provide signs at each facility providing contact details for the public to report any defects. Joint monitoring of the open space, sport, recreation and play provision by the Developer and the Council is necessary to ensure the sites are safe for use. The LPA will consider any proposed change to the twelve month liability period by the Developer and agree to any changes in writing, if appropriate.

A twelve month maintenance period is required for open space and play provision to ensure that landscape features become established prior to the areas being transferred.

On sports pitches a minimum of two years is required before transfer from the date of seeding and completion to allow for establishment of the pitches.

### **Final Completion**

The LPA will undertake an inspection of the open space, sport, recreation and play provision one month before the expiry of the twelve month defects period. The developer is to bring the space, sport, recreation and play provision up to the adoptable standard. The developer shall also provide the LPA with a post installation inspection and safety audit from a RoSPA -approved expert for play areas and informal open space. For sports pitches or courts a satisfactory post completion report from a recognised body such as STRI or SAPCA member will be required.

If all areas are satisfactory the LPA will issue certificates of final completion to the Developer.

### **Transfer**

The Developer will start the legal transfer to the LPA, accompanied by an appropriate contribution towards its maintenance after adoption. This contribution will normally be in the form of a commuted sum, to cover 15 years maintenance, secured through a planning obligation document.

The LPA's finance section is to set up a new accounting code for each commuted sum. This will be specifically linked to the planning application reference number. All payments are to be made to the

LPA (by cheque or BACS) under the designated code with details of the application reference number and accompanied by a breakdown of capital and maintenance contributions.

The receiving LPA's Legal Team will complete the transfer of the open space, sport, recreation and play provision to the LPA on receipt of the commuted sum. On completion of the legal transfer the LPA will take over the maintenance responsibility. The LPA will then proceed to transfer or lease the provision to the relevant town or parish council along with any commuted sum balances.

#### **Developer Responsibilities for maintenance of open space, sport, recreation and play facilities.**

The long term maintenance of open space, sport, recreation and play facilities is critical to ensure that they achieve and maintain their maximum potential benefit and value. In the case of new housing developments, the developer will be required to make provision for the appropriate amount and type of open space, sport, recreation and play provision, plus supporting changing accommodation.

The developer is to submit to the LPA management plans and maintenance schedules to ensure that the soft/green areas of open space, sport, recreation and play facilities are established successfully for the benefit of the community and biodiversity. The maintenance specification is to be written and implemented in accordance with the relevant EN/BS standards.

#### **Maintenance of Sports Pitches**

The Developer's Contractor will be responsible for the maintenance of the grass sward for 2 years from the date of practical completion. A maintenance specification is to be submitted to the LPA. This maintenance specification must comply with industry best practice.

#### **Maintenance of Play Areas and MUGAs**

The Developer's Contractor will be responsible for the maintenance of the play areas and MUGAs for 12 months from the date of practical completion. A maintenance specification is to be submitted to the LPA and must comply with industry best practice.

#### **Maintenance of Open Space and Recreation Areas**

The Developer's Contractor will be responsible for the maintenance of open space and recreation areas for 12 months from the date of practical completion. A maintenance specification is to be submitted to the LPA and must comply with industry best practice.



## **Appendix 8: Local Management Organisation Requirements for Public Open Space, Outdoor Sports Pitches and Play Areas**

*NOTE: It is the Council's strong preference that public open space, outdoor sports pitches and play areas on new developments continue to be adopted by the Council in conjunction with the relevant town or parish council with a commuted sum. The Council will only consider a local management organisation proposed by a developer if it meets the list of conditions set out below and has the agreement of the relevant town or parish council.*

- Provide a method statement of how the funding will be provided to the Management Company to cover maintenance costs in perpetuity.
- Provide a method statement of how capital funding for replacement items/unforeseen costs will be generated.
- The Council's twice yearly inspection costs will be paid as a commuted sum for the first fifteen years for monitoring the management company's maintenance standards.
- Confirmation that the standards of maintenance will be identical to the standard set out in the Council's Technical Specifications for Landscape and Cleansing Operations.
- Confirmation that a diminishing bond will be put in place to cover the Council's costs of maintenance and management of the site, to be available for the council to draw upon if standards delivered by the management company do not match those set out in the Council's Technical Specifications.
- Confirmation that the Council has the step in rights if the management company let standards drop below the standards set out in the Council's Technical Specification along with the rights to recover costs.
- Confirmation that at no point will the service charges levied on residents increase the rents for affordable housing above 80% of the open market rents as published by the Home and Communities Agency (HCA), where affordable rents are in place.
- Confirmation that all public open space, outdoor sports pitches and play areas remain accessible and usable by the general public in perpetuity.
- If the management company goes in to administration, confirmation that title deeds of all public open space, outdoor sports or play areas transfer to the Council as the provider of last resort.

## Appendix 9: Local Standards of provision – Indoor Recreation

Facility Type	Local Quantity Standard per 1000 Population
Sports Hall	0.315 badminton courts
Swimming Pool	9.31 m <sup>2</sup>
Squash Courts	0.059 courts
Health & Fitness	5.28 stations
Indoor Bowls	0.045 rinks
STPs	0.046 pitches
Athletics Tracks	0.0012 8 Lane facility
Community Centre	185m <sup>2</sup>

### Sports Hall

There is a need for 0.315 badminton courts (sports hall) or 53.78m<sup>2</sup> per 1000 people (or 0.054m<sup>2</sup> per person). This figure is based on the area of a four court hall plus circulation, reception and changing space (683m<sup>2</sup>). The cost of construction is £2251 per m<sup>2</sup> plus land costs and VAT (at 2016). The cost per person for sports hall provision is therefore £121.56 plus land costs and VAT.

### Swimming Pool

There is a need for 9.31m<sup>2</sup> of swimming pool area per 1000 people or 0.0931m<sup>2</sup> per person. The cost of construction of a new build swimming pool, using average of Swim 25 commercial product and RICS Building Cost Information Service construction costs, would be £2,296 per m<sup>2</sup> plus land costs and VAT (at 2010). The cost per person for swimming pool provision is therefore £213.76 plus land costs and VAT.

## **Appendix 10: On-Site Community Facilities and Indoor Sport Provision: Process and Procedures**

The LPA will identify the on-site indoor sport and/or community centre provision required and will provide the developer with a specification for the floor space and the facilities that need to be provided on site. At application stage specific proposals must be identified and defined to support the preparation of planning obligation documents.

Conditions and planning obligations will require the developer to submit detailed proposals to the LPA for approval. These proposals must include detailed drawings, specifications and guarantees (transferable). The LPA will provide formal approval to the developer once internal consultations are completed, or seek amendments to the proposals as necessary.

The developer will construct the building/facility in accordance with the approved details and ownership of the building/facility will be transferred to the Council following a satisfactory final inspection. The Council may subsequently transfer the ownership to the relevant parish authority or a suitable community association. In exceptional circumstances the Council may accept alternative management arrangements for the facility. These circumstances will be assessed on a case by case basis.

The timing of provision of the facility will be negotiated on a case by case basis but the size of the development and proximity to existing facilities will be a determining factor. In the case of the community hall provision of a suitable temporary facility should be available to the residents on completion of the 100<sup>th</sup> dwelling.

## Appendix 11: Community Hall Facilities

In accordance with the recommendation of the 2017 CCDS Study a required community hall facility standard of 0.185m<sup>2</sup> per person will be applied.

### Capital Cost Estimates for Provision of New/Extended Community Hall Facility

	Capital Cost	Capital Cost/m <sup>2</sup>	Cost per person
1 storey	£1,600,000	£2,315	£428
2 storey	£1,820,000	£2,633	£488
Hard landscaping	£331,000		£89
Soft landscaping	£10,000		£3
<b>TOTAL</b>			£520 (1-storey)
			£580 (2-storey)
Horizontal extension to existing community hall		£2,920	
Refurbishment of existing community hall		£2,482	

Costs are correct at 2017

Calculations are based on the construction of a 691sqm building.

The cost estimates are inclusive of main contractor preliminaries, overheads and profit, project/design team fees and client contingencies.

Contributions towards the maintenance of the facility will also be sought. This will cover a 15 year period following the transfer of the facility to the LPA (or community association). A list of typical maintenance tasks and costs is set out below:

Annual Costs (Repeated Each Year)	One off costs
Fire alarms and extinguishers	Electrical testing
Intruder alarms	Internal decoration
Boiler service and gas safety	Replacement boiler/water heaters
Water monitoring and legionella	Replacement extract fans
Emergency light maintenance	Replacement external lighting
Lift maintenance	Replacement shower fittings
Miscellaneous repairs	Replacement light fittings
Business rates	
Water rates	
Insurance	
Gas	
Electricity	

### Guide Estimate for Commuted Sum for maintenance = £298.88 per m<sup>2</sup> (2017)

(Cost estimates are based on existing maintenance cost for community hall facilities in the District. However, actual commuted maintenance costs required from the developer will be assessed on a site by site basis).

## **Appendix 12: Community Development**

On development sites in excess of 100 new dwellings, developers are expected to provide the costs of employing a community development worker as follows:

100>250 homes: 0.4 FTE for 1 year

250> 500 homes: 0.4 FTE for 2 years

500> 1000 homes: 0.8 FTE for 2 years

1000+ homes: 0.8 FTE for 2.5 years.

Community Development Workers should be in place once a certain threshold of new homes have been built. This threshold will be established on a case by case basis.

## Appendix 13: Apprenticeships & Skills

### Planning Obligations for Apprenticeships, Employment, and Training Plans (ESTPs)

#### How this Guidance will be applied

##### Approach

Cherwell Council will seek to apply this Guidance across its entire administrative area. It will seek the provision of a stated target number of new construction and (in the case of commercial developments) end user apprenticeships (or apprenticeship starts) as part of a required Employment, Skills and Training Plan (ESTP) for each proposal for new development, to be secured via S106 agreement. CDC is keen that the submission of ESTPs should not be unduly onerous for developers, hence an ESTP framework can be provided by CDC officers if required. This can be reproduced by developers and completed by filling in the relevant numbers.

This Guidance will apply to the types of new development and subject to the thresholds set out in the table below. However if proposed developments fall below these thresholds but developers would still like to provide new construction apprenticeships, then the Council will encourage and seek to support them in doing so. As the number of stated new apprenticeships will be expressed in planning obligations as a stated minimum figure to be achieved, if developers and / or their contractors are able and willing to exceed these, then the Council will encourage them to do so.

Type of Proposed New Development	Threshold	Indicative number of apprenticeships to be achieved
Housing (Use Class C3)	50 units	2 construction apprenticeships per 50 units
Non-residential uses	10,000 sq m of floorspace	2 construction apprenticeships and 2 end user apprenticeships per 10,000 sqm of floorspace GEA
Utilities and highways infrastructure applications	None	Subject to discussion with developers on a case by case basis

In essence, while Cherwell District Council is keen to achieve an increase in new apprenticeship opportunities in the District through the planning system, it also considers that such arrangements need to be arrived at through discussion and agreement with developers, rather than imposed in a top-down fashion. It will be counter-productive if the numbers of apprenticeships required by CDC are unrealistic because they are actually unable to be achieved.

##### Process

The purpose of the information in the above table is to provide guidance for developers and will be the starting point in discussions with developers about the amount of apprenticeships each application could yield. This is because the Council understands that each site's circumstances will vary and that apprenticeship yield largely relates to development cost / contract value/ end user characteristics.

This process has already been piloted successfully with planning applications which form part of the NW Bicester development.

### **Approach to S106 Agreements**

S106 agreements will require applicants (or their successors in title) to submit an Employment Skills and Training Plan, in line with a specimen framework attached to the agreement, before implementation of the development. S106 agreements will seek to ensure that this is approved by CDC in writing prior to implementation and for the applicants (or successors in title) to be guided by the contents.

S106 agreements will also require that the ESTP sets out the arrangements by which the applicants will provide the stated target number of agreed construction (and related trades) and end user apprenticeships and will support the applicant to use The Apprenticeship and Training Company Ltd or other equivalent approach. Apprenticeship Training Agencies (ATAs) are organisations that directly employ apprentices and operate as the apprentice's day-to-day workplace manager. They coordinate the apprentice's training and pay the associated training costs. The host employer (i.e. where the apprentice will have his/her on-site placement) pays a fee which covers the cost of their salary (which will be at least the National Minimum Wage Rate), plus a management fee to cover the ATA's costs (which includes HR and payroll provision and the management of the off-site training provision). Therefore ATAs support businesses who want to take on apprentices by dealing with the administration associated with hiring or employing an apprentice.

The S106 will seek to ensure that the ESTP contains a commitment to provide Cherwell District Council with yearly reports (the first due a year on from the commencement of development) which set out how the required number of construction apprenticeships are being delivered and in the case of commercial developments, another report two years after the completion of the development which sets out how the required number of end user apprenticeships are being delivered.

## Appendix 14: Community Safety/ CCTV Provision

**Table 1: Levels of Contribution Sought**

Priority	Level of Contribution
Priority 1	Seeking on-site provision of an appropriate number of CCTV cameras to monitor areas considered to be of high risk.
Priority 2	Relevant permissions to erect infrastructure, such as aerials, to facilitate transmission of images.
Priority 3	To install ducting to facilitate self-provide fibres
Priority 4	Where predominantly retail to contribute an agreed sum to monitoring and maintenance.
Priority 5	New development will be expected to contribute towards the provision of additional on-site infrastructure for at least a period of 10 years.

Crime impacts all development, however, retail and evening leisure uses usually have the greatest impact. Table 2 illustrates the measures likely to be considered appropriate for the type of development proposed.

**Table 2:**

Development Type	Priority/ Measure
Large Retail	1,2,3,4,5
Drinking Establishments	1,2
Nightclubs	1,2
Hot Food Takeaway	1,2
Local Retail	1,2,3
Large scale public open space	1,2,3

Table 2 is indicative only. Developments may include all, or only part of these elements. Specific requirements are therefore subject to negotiation following impact assessments by the police and partners.

**Table 3: Guidance on Costs**

Priority	Level of Contribution	Costs
Priority 1	Seeking on-site provision of an appropriate amount of CCTV cameras sufficient to monitor areas considered by police and partners to be of high risk as part of new development.	Cameras = £3,000 approx. This includes brackets and aerials
Priority 2	Relevant permissions to erect infrastructure such as aerials	Subject to planning permissions



	to facilitate transmission of images.	
Priority 3	To install ducting to facilitate self-provide fibres	Insignificant as ducting can be provided early in the construction process.
Priority 4	Where predominantly retail to contribute an agreed sum to monitoring and maintenance	Monitoring can range from £1,000 to £2000 per camera per annum. Where there are a large number of cameras the fee is negotiable. Maintenance would be approximately £300 per camera per annum.
Priority 5	New development will be expected to contribute towards the provision of additional onsite infrastructure for at least a period of 10 years.	The longevity of the provision is dependent upon the figures in Priority 4 being extended for at least 10 years.

## APPENDIX 15: Health & Wellbeing – Calculation of Contributions

The following calculations are based on the formula and approach adopted by Oxfordshire Clinical Commissioning Group in July 2017.

**Calculation of cost = occupancy x number of units in the development x £360** (as set out in the table below)

Size of Unit	Occupancy Assumptions based on size of unit	Health need/sum requested per unit
1 bed unit	1.4 persons	£504 per 1 bed unit
2 bed unit	2.0 persons	£720 per 2 bed unit
3 bed unit	2.8 persons	£1,008 per 3 bed unit
4 bed unit	3.5 persons	£1,260 per 4 bed unit
5 bed unit	4.8 persons	£1,728 per 5 bed unit

Where the unit sizes are not specified (ie in outline applications) an average occupancy of 2.4 persons will be used to indicate the initial costs required until such time as the size of units are confirmed.

### Indicative square meterage calculations historically used to determine the core General medical Services (GMS) space required for a practice.

No. of patients	2,000	4,000	6,000	8,000	10,000	12,000	14,000	16,000	20,000
Type of Premises	A	A	B	B	B	B	B	B	B
Gross Internal Area Allowance (sqm)	199	333	500	667	833	916	1,000	1,083	1,250

Type A assumes a single storey premises

Type B assumes a two storey premises with one staircase and one lift

Source: NHS Property Services Demand Assessment Tool

## Appendix 16: Guide to Funding Mechanisms by Infrastructure Type

**NOTE:** The Council is not currently (October 2017) proceeding with the introduction of a CIL Charging Schedule. This table therefore only gives an indication of the appropriate funding mechanisms *should* the Council adopt CIL in the future.

Type	CIL	S106	Condition	S278
<b>Housing</b>				
Affordable Housing		✓		
Commuted offsite payments for the provision of affordable housing		✓		
Extra Care Housing		✓		
<b>Transport (includes PRow)</b>				
Site specific Highway and Access Impacts		✓		✓
Non-site specific Highway improvements	✓	✓		
Site specific sustainable transport		✓		✓
Non-site specific sustainable transport	✓	✓		
Highways Depots	✓			
<b>Education</b>				
On site Education (Primary, Secondary, 6 <sup>th</sup> Form, Special Educational Needs)		✓		
Education (Primary, Secondary, 6 <sup>th</sup> Form, Special Educational Needs)	✓	✓		
Onsite early years and childcare provision		✓		
Early years and childcare provision	✓	✓		
<b>Skills and Training</b>				
Apprenticeships		✓	✓	
<b>Utilities</b>				
Sustainable Urban Drainage Systems		✓	✓	
On site provision of Refuse bins, recycling banks/'bring in' sites		✓	✓	
Off-site provision of Recycling banks/'bring in' sites	✓			
Strategic Waste Management (WRC)	✓	✓		
Strategic Flood Defence	✓	✓	✓	
Enhancements to the sewerage network beyond that covered by the Water Industry Act and sewerage undertakers (*)	✓		✓	
Fire and Rescue	✓	✓		
<b>Community safety and policing</b>				
Onsite provision of community safety and policing infrastructure		✓		
Off-site Community safety and policing infrastructure	✓			
<b>Health</b>				

Type	CIL	S106	Condition	S278
Onsite provision of health infrastructure		✓		
Off-site provision of health infrastructure	✓			
<b>Air Quality</b>				
Measures during construction of new development including dust control, site monitoring and plan emissions		✓	✓	
Measures for implementation of the Air Quality Action Plan	✓	✓	✓	
<b>Indoor sport, recreation and community facilities</b>				
Onsite Community centre/hub		✓		
Offsite Community centre/hub	✓			
Community Development Funding	✓	✓		
Site specific Indoor Sports		✓		
Indoor Sports	✓	✓		
Integrated Youth Support Service	✓			
Libraries	✓	✓		
Day care Provision for the Elderly	✓			
Adult Learning	✓	✓		
Museum Resource Centre (MRC)	✓	✓		
<b>Open space recreation and Biodiversity</b>				
Site specific Open space, play space, outdoor sport, allotments, recreation and landscaping		✓		
Country parks, open space, play space, outdoor sport, allotments, recreation and landscaping	✓	✓		
Cemeteries	✓	✓		
Onsite Nature Conservation and Biodiversity		✓	✓	
Nature Conservation and Biodiversity	✓	✓		
Sustainable Construction		✓	✓	
<b>Public Realm</b>				
Site specific Public Art & Public Realm		✓	✓	
<b>Heritage</b>				
Archaeology			✓	
Heritage-related projects	✓	✓		