



## Sustainability Appraisal

The proposed of this Sustainability Appraisal is to demonstrate the parking proposed at the proposed scheme at Land South of Glan Usk School, Herbert Road, Newport.

The Newport Parking Standard 2012 Supplementary Planning Guidance set out the appropriate parking provision for various types of development. The following standards are appropriate for the proposed development:

The Newport Parking Standards 2012 states that residential development requires 1 space per bedroom (up to 3 spaces per dwelling maximum).

The document sets out a method of awarding sustainability points, which takes account of a site's accessibility and proximity to services. In accordance with Appendix 5 of the Newport Parking Standards, the site achieves the following sustainability score:

### ROUTE 1: FROM COLLIER STREET ENTRANCE OF PROPOSED DEVELOPMENT

#### LOCAL FACILITIES:

- Caerleon Road District
- School

All of the above facilities are within 400m walking distance from the development site scoring 2pts x 2 = 4 points.

#### PUBLIC TRANSPORT:

Access to bus stop is within 400m scoring 2 points

#### FREQUENCY OF PUBLIC TRANSPORT:

BUS SERVICE ROUTE	ROUTE	FREQUENCY
26a	Newport – St. Julians via St. Julians Rd	Every 20mins
26c	Newport – St. Julians via Beaufort Rd	Every 20mins
27	Newport – Caerleon via Trinity View	Every 20mins
28	Newport – Caerleon via Eastfield Road	Every 20mins

The above bus routes are intermittent therefore run every 10 minutes scoring 2 points

#### CYCLE ROUTE:

Cycle Route is within 50m scoring 1 point.

#### TOTAL:

The total score is 8 points which allows a reduction of up to 1 car parking spaces per dwelling provided that a minimum of 1 space per dwelling is provided.

Based on this reduction, it is deemed that a 20% parking reduction can be achieved thus reducing each dwelling by 1no. space. However, one space per dwelling house is unpractical with modern living; therefore 2 no. spaces have been provided to all 4 & 5 Person dwellings with the exception of

the 6Person dwelling where 3 no. spaces have been provided. The flats & FOGs have been provided with 1 space per unit in accordance with the sustainability credits scored.

### **ROUTE 2: FROM CHARNWOOD ROAD ENTRANCE OF PROPOSED DEVELOPMENT**

#### **LOCAL FACILITIES:**

- School
- General Store
- Doctors Surgery
- Caerleon Road District Centre

All of the above facilities are within 400m walking distance from the development site scoring 2pts x 2 = 4 points.

The access to the school achieves 3 points.

#### **PUBLIC TRANSPORT:**

Access to bus stop is within 400m scoring 2 points.

#### **FREQUENCY OF PUBLIC TRANSPORT:**

BUS SERVICE ROUTE	ROUTE	FREQUENCY
10a	Newport – Christchurch via Gibbs Road	Every 2 hours
28b	Newport – Caerleon via Ponthir Road	Every 1 hour
27	Newport – Caerleon via Trinity View	Every 20mins
28	Newport – Caerleon via Eastfield Road	Every 20mins

The above bus routes are intermittent therefore run every 10 minutes scoring 2 points.

#### **CYCLE ROUTE:**

Cycle Route is within 100m scoring 1 point.

#### **TOTAL SCORE:**

The total score is 12 points which allows a reduction of up to 1 car parking spaces per dwelling, provided that a minimum of 1 space per dwelling is provided.

Based on this reduction, it is deemed that a 20% parking reduction can be achieved thus reducing each dwelling by 1no. space. However, one space per dwelling house is unpractical with modern living; therefore 2 no. spaces have been provided to all 4 & 5 Person dwellings with the exception of the 6Person dwelling where 3 no. spaces have been provided. The flats & FOGs have been provided with 1 space per unit in accordance with the sustainability credits scored.

### **ROUTE 3: FROM CENTRE POINT OF PROPOSED DEVELOPMENT**

#### **LOCAL FACILITIES:**

- School
- General Store
- Doctors Surgery
- Nursery
- Park

All of the above facilities are within 800m walking distance from the development site scoring 1pts x 2 = 2 points.

#### **PUBLIC TRANSPORT:**

Access to bus stop is within 800m scoring **1 points**.

**CYCLE ROUTE:**

Cycle Route is within 100m scoring **1 point**.

**FREQUENCY OF PUBLIC TRANSPORT:**

BUS SERVICE ROUTE	ROUTE	FREQUENCY
10a	Newport – Christchurch via Gibbs Road	Every 2 hours
28b	Newport – Caerleon via Ponthir Road	Every 1 hour
27	Newport – Caerleon via Trinity View	Every 20mins
28	Newport – Caerleon via Eastfield Road	Every 20mins
26a	Newport – St. Julians via St. Julians Rd	Every 20mins
26c	Newport – St. Julians via Beaufort Rd	Every 20mins

The above bus routes are intermittent therefore run every 10 minutes scoring **2 points**.

**TOTAL SCORE:**

The total score is **6 points** which allows for no reduction in car parking spaces.

**VISITOR PARKING**

All off-street parking spaces located throughout the development for visitors. Visitor parking can also be accommodated within the estate road.

**CONCLUSION**

Whilst Route 3 does not score enough credits to reduce parking allowances, both Routes 1 & 2 score in excess of 7 credits thus enabling us to reduce parking by 1 space. As it is not defined in Appendix 5 of the Newport Parking standards where distances to amenities are specifically taken from in a new development, it is at the discretion of the Local Authority Officer to determine this criterion. However, we have taken the mean average credits from all three locations, giving us a total of 8 points and therefore allowing us to reduce parking by 1 no. parking space to each unit throughout the development. However, one space per dwelling house is unpractical with modern living; therefore 2 no. spaces have been provided to all 4 & 5 Person dwellings. The flats & FOGs have been provided with 1 space per unit in accordance with the sustainability credits scored.