



Amey

Tredegar Park

Car Parking Assessment Summary

Tredegar Park Lodge

CH0137-AMEY-GEN-XX-RP-CH-0001

05/11/2024

Document Control Sheet

REPORT TITLE:	Tredegar Park Car Parking Assessment
REPORT NUMBER:	CH0137-AMEY-GEN-XX-RP-CH-0001
PROJECT NAME:	Tredegar Park Lodge
PROJECT NUMBER:	CH0137

STATUS/AMENDMENT	PREPARED	REVIEWED	APPROVED
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[P02 Construction Issue]	Name: Signature: Date:	Name: Signature: Date:	Name: Signature: Date:
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Tredegar Park Car Parking Assessment Summary

Introduction

The proposed development of a new lodge in Tredegar Park presents an opportunity to enhance the park's visitor experience by addressing the existing limitations of its parking facilities. The current car park often struggles to accommodate the demand, particularly during peak times and events. To alleviate this issue and provide a more convenient and accessible parking experience, several improvements are being considered.

During a planning pre-application ref document PRELET/P/23/0099 a comment from the Highways and Parking officer stated that 'The Highways Officer has commented setting out that the scheme is unlikely to result in any adverse impacts with regard to the safe and efficient use of the highway network. The site already benefits from a car park and the site is used by many walkers that live in the local community. A planning application will need to be accompanied by a parking assessment to confirm current parking numbers and parking management arrangements as it is likely that the café will give rise to additional visitors and increased dwell time.

Amey will use Newport City Council Supplementary Planning Guidance on Parking Standards Adopted August 2015 as the design standards for the car park proposals

Existing Conditions

Number of Spaces: The existing car park can accommodate a total **114** vehicles. The parking area has been split into two sections, north and south, by an existing footway. **25** of which are 'Echelon' parking bays northwest of the car park which are outside of our scope of work and will remain as per current conditions.

The Southern section currently has **21** parking bays which are free for use as a school drop off point for St David RC Primary School. This is an existing agreement with Newport City Council.

EV Charging: Of the 114 bays, **4** dedicated electric vehicle (EV) charging points within the park. This is a growing need as the number of electric vehicles continues to increase.

Disabled Bays: The park does have a limited number of disabled parking bays. Of the 114 bays, **7** bays are labelled disabled bays, but there is a potential for improvement to ensure adequate accessibility for individuals with disabilities.

Pedestrian Access: Pedestrian access within the park is generally good, with well-maintained paths and walkways. However, there are areas where improvements could be made to enhance accessibility, particularly for those with mobility impairments.

Proposed Conditions

In November 2023 Amey worked with Newport City Council to develop options for improving capacity of the existing car park at Tredegar Park. The options also looked at improving pedestrian movements through the car park to increase safety. The preferred option also

includes sustainable urban drainage systems, relocation of the Pay and Display Units (2no), increased capacity for electric vehicle charging and rearrangement of the existing disabled bays and redesign to current standards. The new car park will operate as a one-way system for vehicles which will provide a safer area for pedestrians and reduce the risk of vehicle collisions.

Number of Spaces: The new car park can accommodate a total **152** vehicles. The parking area has been split into two sections, north and south, by an existing footway.

25 of which are 'Echelon' parking bays northwest of the car park which are outside of our scope of work and will remain as per current conditions.

25 of the total parking bays are proposed for 'free to use' as a school drop off point for St David RC Primary School. This was an existing agreement with Newport City Council

To cater for the needs of large vehicles, mainly minibuses, **2** new large parking bays have been provided to the southern section.

EV Charging: The proposed development will retain the **4** existing EV charging bays in their current location.

Disabled Bays: The number of disabled parking bays will remain the same (**7**) but have been designed more accommodation and in accordance with current design standards. Bay size will be 2.4 x 4.8m with a 1.2m hatch surround to the front and either side of the bay. This will make the park more inclusive and welcoming to all visitors.

Pedestrian Access: The proposed development will focus on improving pedestrian access within the car park. A 2.0m wide pedestrian footway is proposed from the car park southeast access which will connect directly into the park, west of the car park. By removing the existing footway route which terminates directly into the car park, this will reduce the risk of vehicle to pedestrian collisions.

Conclusion

Parking	Existing	Proposed
Total Parking Bays	114	152
Standard Bays (2.4m x 4.7m)	78	114
EV parking bays	4	4
Disabled Bays	7	7
Echelon Parking bays	25	25
Large mini-bus bays (3.0m x 6.5m)	0	2

The proposed car park improvements for the new Tredegar Lodge in Tredegar Park are essential to ensure the success and accessibility of the development. By increasing the number of parking spaces, new pedestrian access and enhancing disabled parking facilities, the project will address the existing limitations and create a more welcoming environment for visitors.

Overall, the proposed car park improvements are a valuable investment that will enhance the appeal and usability of Tredegar Park for years to come.

Newport City Council has outlined a comprehensive plan to address these issues and enhance the overall functionality and appeal of Tredegar Car Park as part of a broader redevelopment of Tredegar Park¹²³.

Appendix A

General Arrangement Drawing
