



Teas Me Cafe, 6 Albert St,
Lockwood, Huddersfield,

Climate Change Statement

April 2023

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CLIMATE CHANGE STATEMENT FOR:

Teas Me Cafe, 6 Albert St, Lockwood, Huddersfield, HD1 3PR

CONCERNING:

Extension to existing building.



Fig 1. Front Elevation (Google Street View, 2023)



Figure 2: Shows Location of site (Google Maps, 2023)

1. INTRODUCTION:

- 1.1 The following climate change statement will address how the proposed development of Teas Me and Café deliver a sustainable development. Providing mitigation measures for climate change, and proposing adaptations to maintain sustainability in the future. The statement aims to deliver the benefits of the proposal suggesting ways in which the design and other aspects of the project address climate change, and deliver possible adaptations that could be considered.
- 1.2 The statement will consider relevant policies outlined by the Kirklees council, that have been strategically met to deliver a sustainable project.

2. PROPOSAL

2.1 Teas' Me is a café that provides breakfast and brunch services, allowing customers to either dine in or takeaway. The current existing building it's a single building, ground floor that consists of a kitchen and a Café to accommodate customers with the food and drink services that they provide. The proposal looks to extend the building with an additional detached building to accommodate a larger number of customers. The proposed new extension will be for partially outdoor seating for smoking and dining, it will provide an additional 25 seats to the existing building, therefore the business will be able to accommodate more customers.

2.2 This proposal aims to add an extension that will serve a partially outdoor dining area, through extension, the extensions physical structure will seek to have mainly windows to adhere with the 50 % opening legislation in case smoking takes place, to allow proper air flow to take. The building match with the existing building as the front elevation will consist of a white cladding so it remains aesthetically pleasing.



Figure 4: shows the proposed extension



Figure 5: Show the rear side of building with car parking available

2.3 The proposal will be providing additional 13 car parking spaces, two of which are for disable use and two for van use. The new building can be accessed from the front entrance and from the rear car parking entrance.

2.4 The proposal offers adequate air ventilation, and increase in biodiversity through the addition of trees and landscaping on site.

3. SUSTAINABLE DESIGN MITIGATION

3.1 The proposal offers design aspects that mitigate climate change concerns, the following sustainable design features, have been selected as either essential or desirable by the Kirklees Council that the proposal meets to an extent.

3.2 The majority open air legislation, acts as a sustainable measure to mitigate for any potential air pollution risks within the outdoor dining area, allowing adequate air ventilation to take place and maintain customers safety. Open glazed windows, are also good for natural thermal heating being energy efficient and absorption of natural light.

3.2.2 Noise pollution will be reduced as a result of double-glazed windows

3.3 To an extent the loss of biodiversity has been mitigated through effective measures, including plants within the proposal landscape. Biodiversity has also been preserved within the boundary of the site.

3.4 Materials match the existing building, showing no signs of negatively impacting the street scene, building material will be sought through as many natural and renewable resources. Building materials have a high thermal mass that will help with heat absorption, again mitigating for high release of carbon foot print. The client will look at the production of materials, the transportation, durability and end of life recycling in deciding what to use and where to purchase from, All efforts will be made to source local materials and use local contractors to reduce carbon footprint as a whole.

3.5 The landscape design is effective in managing flood risk, the permeable paving floor is a sustainable way of controlling flood risk, that has been included within the rear parking. A flood risk assessment which has been submitted provides further detail.

3.6 The land use has also been effectively managed and used for the new property extension, without causing damage to the ecosystem by adding pressure on land usage, and depletion of any resources.

3.6.2 Waste management will be effectively carried out through the waste system disposal, therefore preventing any waste pollution.

3.7 The proposal has illustrated ways in which it has been effective in maintaining energy efficiency, water management, biodiversity inclusion, effective landscape design and sustainable building material use. It can be further enhanced to preserve sustainability and prevent negative externalities being created for climate change.

3.8 Most essential requirements of climate change have been met by the proposal; however, it still requires some sort of adaptation to make it a strong proposal in maintaining sustainability.

4. ADAPTATION MEASURES

4.1 Adaptation measures focus on how the proposal adapts to ways of promoting sustainable benefits, primarily focusing on the biodiversity net gain.

4.2 The proposal shows signs of biodiversity adaptation, through the effective landscape design that incorporates biodiversity to the front elevation of the property. Net gain is considered to be beneficial when it is at 10%, the proposal requires further enhancement in biodiversity

4.3 Adaptation also looks at the way in which flood risk has been adapted, the floor design, has been selected as permeable paving's, to the front entrance of building that acts as an effective way of managing water flow and absorption when green infrastructure is included within. Natural grass areas, have also been included which will also reduce flood risks, as water is absorbed.

5. SUSTAINABLE TRAVEL

5.1 To reduce the negative externalities on climate change, a further emphasis should be put the use of sustainable transport methods.

5.2 Currently the proposal provides car parking availability, that could show potential harm being caused to the climate, as a consequence of higher carbon foot print, and air pollution.

5.3 It has been suggested that two car parking spaces should be provided for electric charging points, and there should be a substitution from car to public transport.

5.4 The site offers access to public transport as shown in figure 6, and it also provides a cycling route along the A616. A bicycle shelter will be provided on site.

5.5 The use of sustainable transport will be encouraged, to mitigate for climate change, example by including cycling spaces and also providing stamps/vouchers to those customers that use sustainable forms of travel.

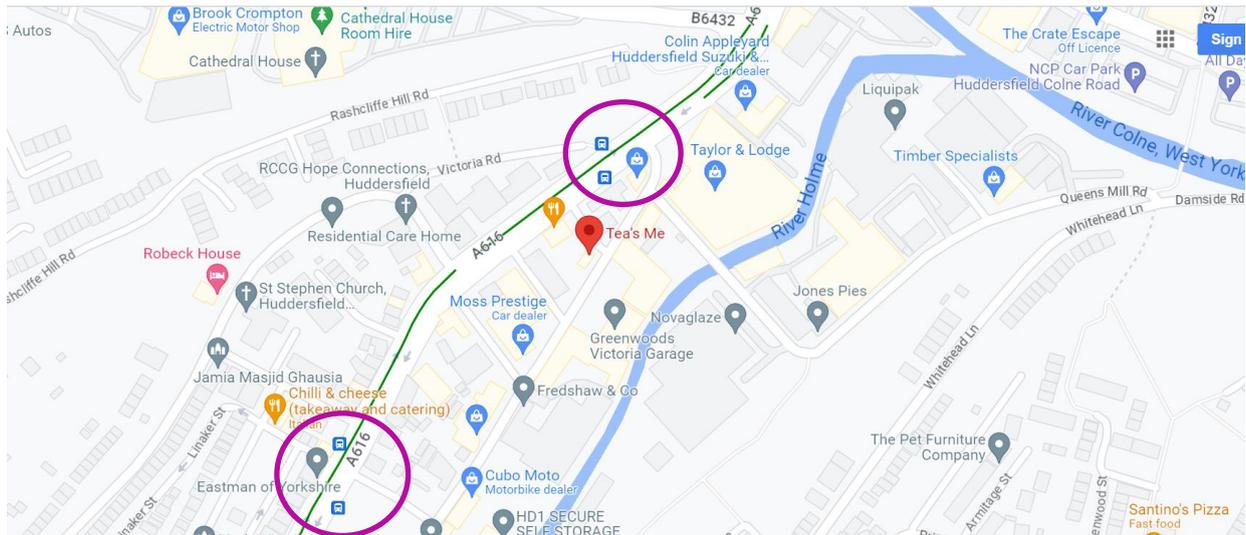


Figure 6: shows sustainable travel methods (PURPLE) show bus stops near the site that can easily be accessed (Google maps, 2023)

6. SUSTAINABLE DEVELOPMENT POLICIES

- Policy LP27 Flood risk
- Policy LP30
- Policy LP31 Strategic Green Infrastructure Network
- Policy LP32 Landscape
- Policy LP33 Trees
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7. CONCLUSION

7.1 The proposal has shown to meet certain mitigation and adaptations for climate change concerns, as outlined by the Kirklees council. That shows that the proposal could be suggested to be sustainable to an extent.

7.2 However, there are further measures that need to be put in place, for the proposal to fully comply with climate change rules (SUGGESTED BELOW).

FURTHER CONSIDERATIONS FOR PROPOSAL (PLANNING APPLICATION)

- **Minimizing water use, needs to be clearly stated**
- **Air pollution- need to be clearly stated**
- Minimizing carbon emissions and waste during construction- Needs to be clearly stated
- -Passive solar design: is a requirement perhaps could be included on the flat roof
- -Installation of electrical vehicle points
- -Indoor air pollution, can be mitigate with natural air ventilation that can occur as a result of the open big windows, and to further mitigate the pollution when being released externally appropriate plantation can reduce negative impacts.
 - Include cycling parking

