

BIKE BUNKER REPORT.

Bike Bunkers are secure hangars for city residents to store their bicycles close to their home and under cover. The Bike Bunkers service is for local residents only and provides households with alternatives to storing their bicycles in hallways or in small back yards.

Bike Bunkers originated from a Dublin City Council BETA Project in 2015. The Bike Bunker team in Dublin City Council are now seeking to learn more about the optimal delivery model for this service (e.g. funding, legal, branding, pricing, locations, etc.). We are beginning with a “minimal viable service” and will aim to review and improve it as it progresses.

The initial phase of this service will be located in the city centre of Dublin inside the canals as indicated in the map below. Dublin City Council are initially considering registrations of interest for potential locations in this specified area". Once the service is established, Dublin City Council will look at how it can be potentially expanded to other areas. Please see this link for more details <https://bikebunkers.ie/>

Map of Bike Bunker Area inside the canals (Blue Shaded Area).



FACTORS IN DETERMINING SUITABLE BIKE BUNKER LOCATIONS.

When determining the suitability of a location for a Bike Bunker the following parameters are taking into consideration:

1. Bike Bunkers are about convenience, and so DCC only consider installing a Bike Bunker within a certain radius of the applicant (approx. 200m). A Bike Bunker typically holds between 4 to 6 bikes depending on the model.
2. DCC will only install a Bike Bunker if there is a minimum demand of 75% of full occupancy of a Bike Bunker.
3. The fee for one single space in a Bike Bunker is at present €100 per annum.
4. DCC prefer to locate them on quieter residential streets, rather than busy main thoroughfares.
5. The location of the Bike Bunker would be agreed by the residents along the road through a survey similar to the way pay and display schemes are introduced.
6. The preferred location for a Bike Bunker is on the existing road carriageway in one single car parking space (approx. 6m).
7. DCC endeavour to find a location that is away from residents' doors and windows such as at gable end of a house.
8. The Bike Bunker opens onto the public footpath rather than onto the roadway. The footpath should be wide enough for a user to swing their bike into the Bike Bunker and also to ensure that there's sufficient space remaining should the feet of the Bike Bunker need to be placed on the footpath. All drainage issues are taken into consideration.
9. DCC prefer to keep Bike Bunkers away from low rear walls to reduce any security risk to premises.
10. When choosing a location the architectural significance of the area is taken into consideration to ensure that a Bike Bunker fits in with the established architecture.
11. DCC prefer to position Bike Bunkers under a street light to make them easier to use.
12. When a suitable location is chosen a street sign "Watch this space" is placed close to the proposed location. This sign is left in place for over a month to gauge the public response to the proposed work.

PRE INSTALLATION PHOTOS.

Street survey prior to installation. Note “Watch this space sign”



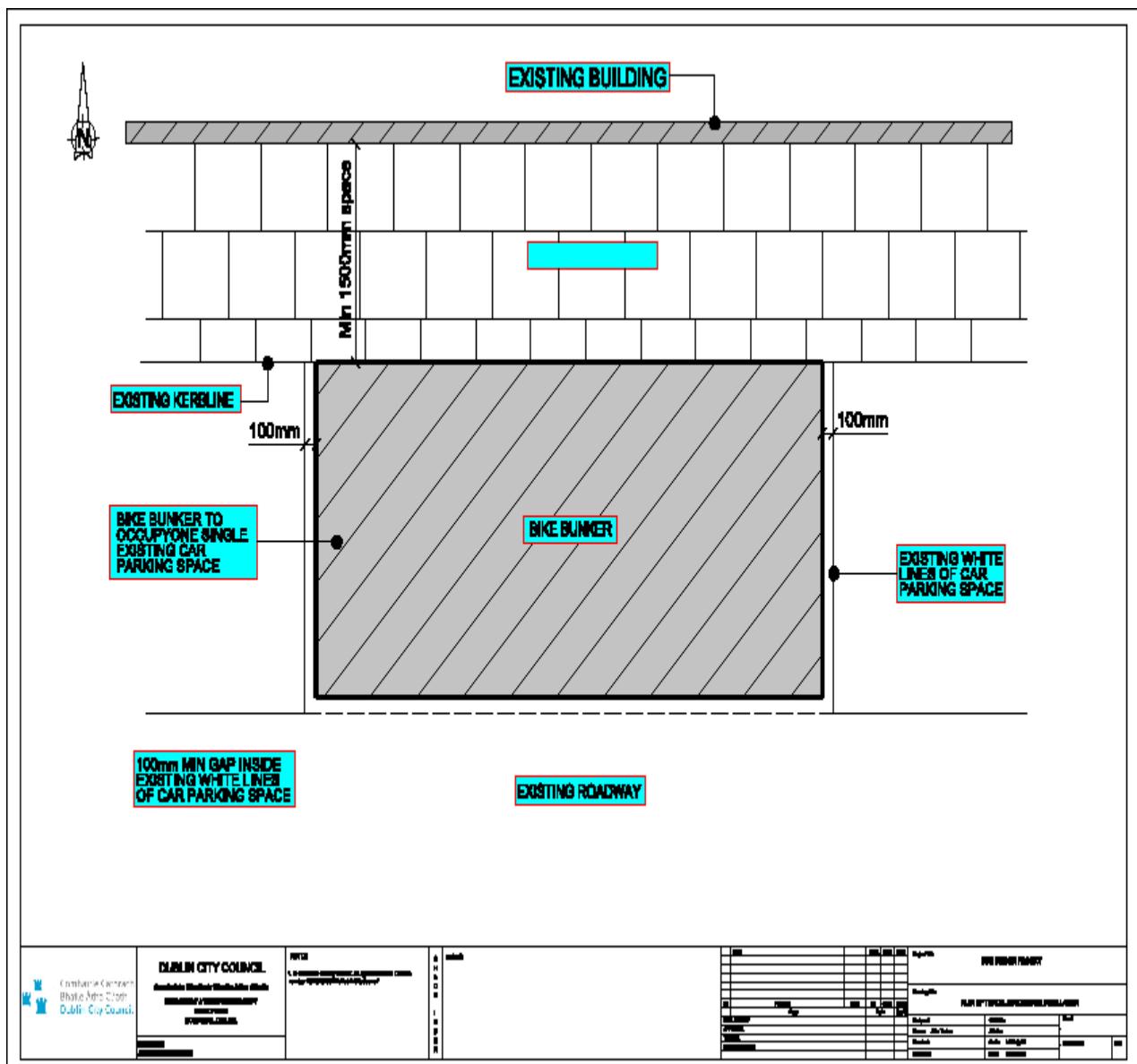
Street survey prior to installation.



Bike Bunker – St Albans Road pre installation.



Bike Bunker Installation Detail.



CURRENT BIKE BUNKER EXAMPLES.

We currently have three types of Bike Bunkers on trial in different locations as shown below.

Each bike bunker has shown positive and negative aspects of their individual design and functions. We have worked with the manufacturers and ironed out most of the major issues. We have used these lessons learned and incorporated them into our tender for the Bike Bunkers. The pros and cons of each type of Bike Bunker are being continually assessed by DCC and users of the service who give their feedback as this trial is ongoing.

Type 1 - Castit Bike Bunker in location on Reginald Street.



Type 2 - Fiethanger Bike Bunker in location on Primrose Ave.



Type 3 - Cycle hoop Bike Bunker in location on Emor Street.



CURRENT BIKE BUNKER LOCATIONS.

At present there are 12 No. Bike Bunkers located in the following locations

SOUTH SIDE.

Reginald Street.
Donore Road.
St Albans Road.
Emor Street.
Lennox Place.
Bloomfield Avenue.

NORTH SIDE.

Kirwan Street.
Halliday Road.
Ross Street.
Black Street.
Primrose Avenue.
Godfrey Place.

NEXT PHASE.

We are currently working on a tender for the Bike Bunkers which will be advertised on the E-tender's website within the next 6 to 8 weeks. The tender is for the procurement of approx. 350 bike bunkers within the entire Dublin City Council Administrative Area. The area of the Bike Bunker trial "Inside the canals" will continue to be catered for and expanded where demand is required. Dublin City Council following the criteria listed above and using experiences gained from the trial will determine the locations and suitability for each Bike bunkers installed.

The successful company will be responsible for all aspects of the Bike Bunkers including the traffic management, installation and maintenance of the Bike Bunkers. This project will be an NTA funded project. The proposed funding for this project will be €3 million over a 3 year period.

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