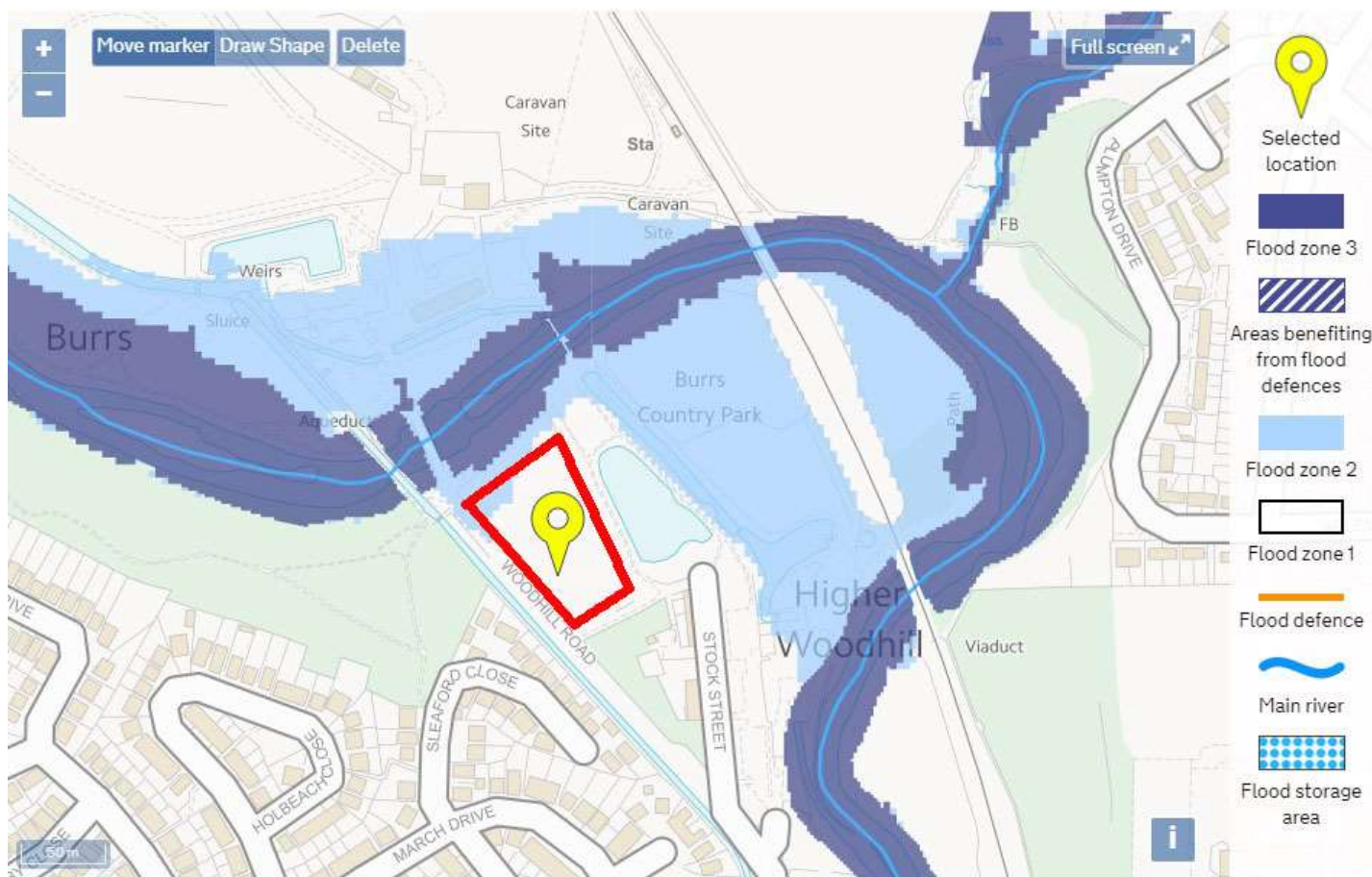


Flood Risk Assessment				 Proffitts Investing in Communities
Site Name:	Burrs Country Park, Bury	Site address:	Woodhill Road, Bury, approx. BL8 1BU Grid ref: SD799125 / easting: 379969 northing: 4122518	
Date of assessment:	02.09.2021	Detail of proposed development:	Formalising an existing overflow car park in an open grassed area with porous geogrid surfacing; create continuous linked pedestrian walkway along Woodhill Road; strengthen/improve existing hedgerow and plant new woodland understorey	
Assessor:	Rachael Gildert Landscape Architect			



Flood Risk

The map overleaf is taken from the 'Flood Map for Planning' at www.gov.uk and shows that a small section of the proposed development site in the NW corner of the field is in Flood Zone 2.

The actual distance between the edge of the development site and River Irwell is approximately 20m as the crow flies, to the north of the development site.

Proposals

The proposals are to formalise an existing overflow car park. The current car park consists of a grassed open space; the grass being previously strengthened around 15 years ago with fibrous sand/turf. This is now no longer fit for purpose – several cars had to be towed off the site in the summer of 2020 during lockdown when visitor numbers increased massively.

The open space is bordered on all 4 sides by trees and/or hedgerows. It is proposed to strengthen and improve the quality of the existing hedgerow along the boundary with Woodhill Road. Alongside this, new standard trees will be planted within the car park as part of the scheme and the existing wooded boundaries improved with new woodland understorey shrubs and wildflowers

Mitigation Measures

- Retention of grassed areas outside of the car park area
- Retaining the car parking bays as grassed areas (within the geogrid surface) to maintain a natural appearance
- Creation of the access and intermediate roads in a fully porous geogrid material with buff coloured gravel infill.
- Creation of the pedestrian link path through the car park in a porous geogrid material.
- Planting of new standard trees and woodland understorey along boundaries to strengthen the wildlife corridor.
- Use of existing dyke along north eastern boundary of the site to deal with excess water run off if required.
- Planting and sowing of wildflowers along the 3 wooded boundaries and on earth mound to naturalise the site and help increase biodiversity of this mown area.