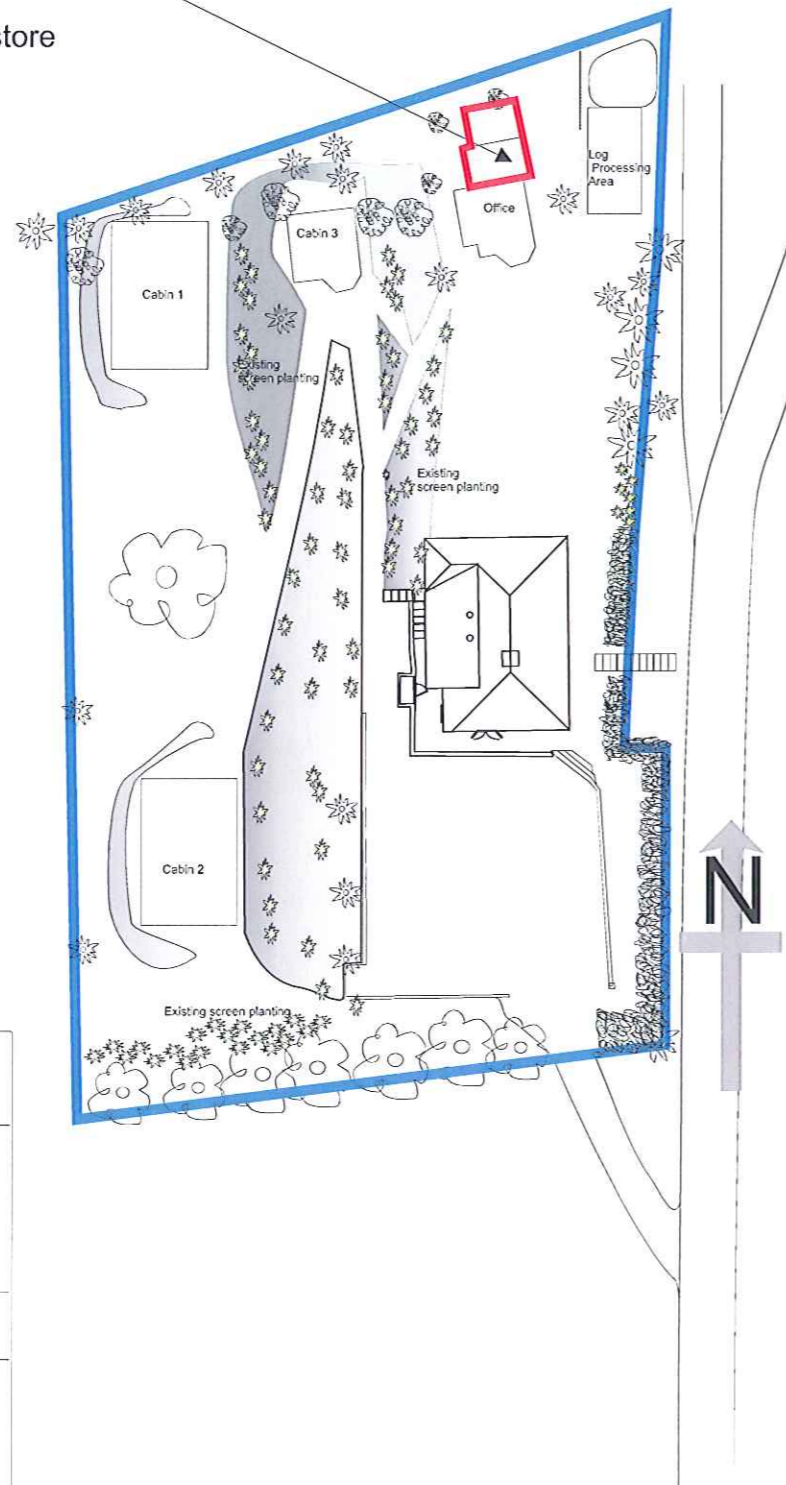


Proposed covering of biomass thermal store area



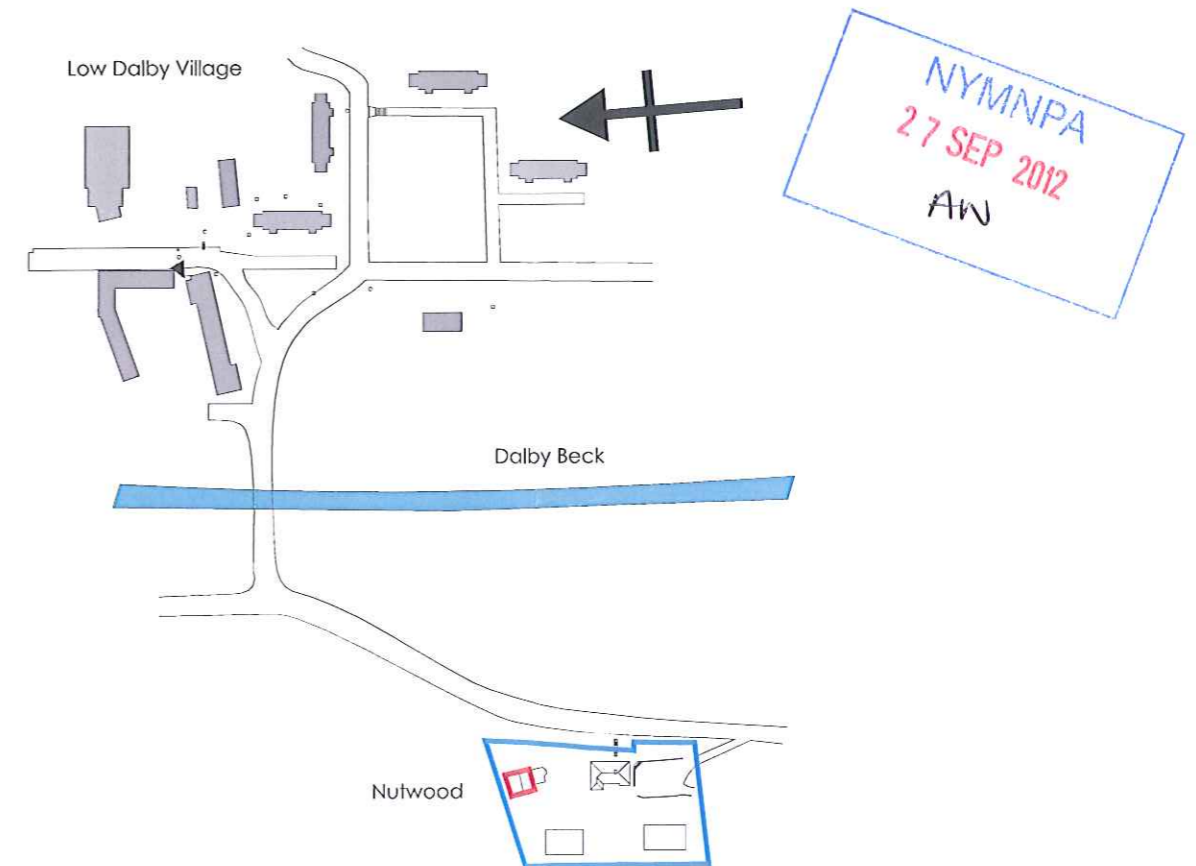
Dalby Forest Lodges has previously proposed to install a district heating system to the site, powered by locally sourced biomass. This woodchip biomass is readily available as a waste product from the sawmill within the forest (at Pexton).

The thermal store within the adjacent building is not adequate for the heat load required by the site. An additional thermal store is required to act as a balancing store for the boiler capacity.

To reduce thermal losses, and ensure longevity for the plant, we are advised that industry standard practice is to install a thermal store in a protected environment.

We propose to bridge the gap between the existing ancillary building and adjacent timber building with a roof cover similar to that on both buildings. The existing buildings both have a green roof system. The bridge cover will not be visible from any adjacent roads or paths.

A stainless steel flue is proposed to allow relocation of the existing standby generator, and to incorporate a proposed trial gasifying wood generator, to allow generation of green electricity on site from the biomass stock (woodchip) already being used for district heating.



Dalby Forest Lodges	
Site Context Plan	
July 2012	1:500, 1:2500 (at A3 size)
Drawing 1a	
Biomass Thermal Store amendments	
Amendment a Red line extended to incorporate existing timber building (shown on NYM/2007/0630/FL) at request of Mrs W Strangeways	
John Howlett Planning 01904 798907	