AC PROPERTY DEVELOPMENTS

BEANCROFT FARM

BEANCROFT RD

BEDFORD

MK43 0QE

Dear Nora,

Please find attached, the drawing showing the 120mm substrate which we shall install which will retain moisture in dry spells.

We are installing a Green Roof System and in particular, the MedO Wildflower Mat/Radmat, due to it covering the followings points.  This contributes to rainfall management, habitat creation aiding biodiversity, CO2 capture, absorption of solar radiation, amenity provision, improved aesthetics, summer cooling, whole life costs savings, pollution control, oxygenation and noise reduction.  We chose this system due to the fact that the species are native to the south of England and reflect the flora and fauna of the locality.  The decline of many species of wildflower and insects has accelerated with the decrease of natural habitats - the recent reduction of the bee population is said to be one such casualty.  Installing this green roof is an ideal opportunity to create conditions for the natural wildflower plants and increase biodiversity.

In regards to a maintenance plan and H & S, a man safe system has been installed for H & S when any works are being conducted on the roof. The site inspector will need to make an appointment with the owner before hand as we have locked gates, an intercom will ring through to the owner who can let them in. It is noted that the access to the roof is a little difficult but with the correct equipment, ladder and Man Safe equipment, access is managed and inspections can be carried out. There are solar panels on the roof which will also need to be maintained along with the wild flower roof needing to be pruned/cut back around this so we can maintain maximum efficiency of the solar panels.

The green roof chosen, <https://radmat.com/product-data/medo-wildflower-mat/> requires only minimal maintenance and the manufacturers are always available to offer advice as required with photographic evidence.  Our system is a low maintenance one requiring twice yearly inspections, autumn for leaf clearance and weed control and spring to monitor growth and colour and replace any species/plants that have perished.  An irrigation system is not required as our roof pitch does not exceed 9' which is the point of irrigation being required.

Kind Regards,

Phillip Hine.