



Bellamy
Court
Borefield





- The bore holes at Bellamy court shall be 240m deep with a 150mm diameter. All searches for utilities are carried out prior to drilling.
- The area to be drilled is scanned using cat scan
- A hand dug hole is dug to a depth of 1.5m before drilling to check for uncharted utilities.
- The top of the bore probe is terminated at 1.2m below surface finish.
- Header pipe work using 40mm SDR17 is fed from the bore hole to the entry point of the building. The header pipe work is laid in a trench 1.2m below finished level.
- Where the header pipe work runs within 1m of a drainpipe then the header pipe is insulated to 1m each side of the drain to prevent freezing.
- Where tree routes come within 500mm of the header pipe work the trenches will be hand dug and then all backfilling is by hand.
- Where machinery and plant being likely to come into contact with tree trunks, a perimeter fence is erected around the area to prevent access.



- The GSHP system for Bellamy court is saving 53 tonnes of carbon per year and helping with fuel poverty for the residents
- One tree is estimated to offset 3.67 tonnes of carbon per year

