



**Figure 1-2:** The FIA mapped plot design. Subplot 1 is the center of the cluster with subplots 2, 3, and 4 located 120 feet away at azimuths of 360°, 120°, and 240°, respectively.

**Basic FIA Design** – four 24-foot radius subplots, with each sub-plot containing a 6.8 foot microplot. Subplots are used for selecting trees on which to conduct basic tree measures (over 5" dbh). Microplots are used to measure regeneration and understory vegetation (less than 5" dbh). The larger macroplots are an option when the trees on the site are very large.