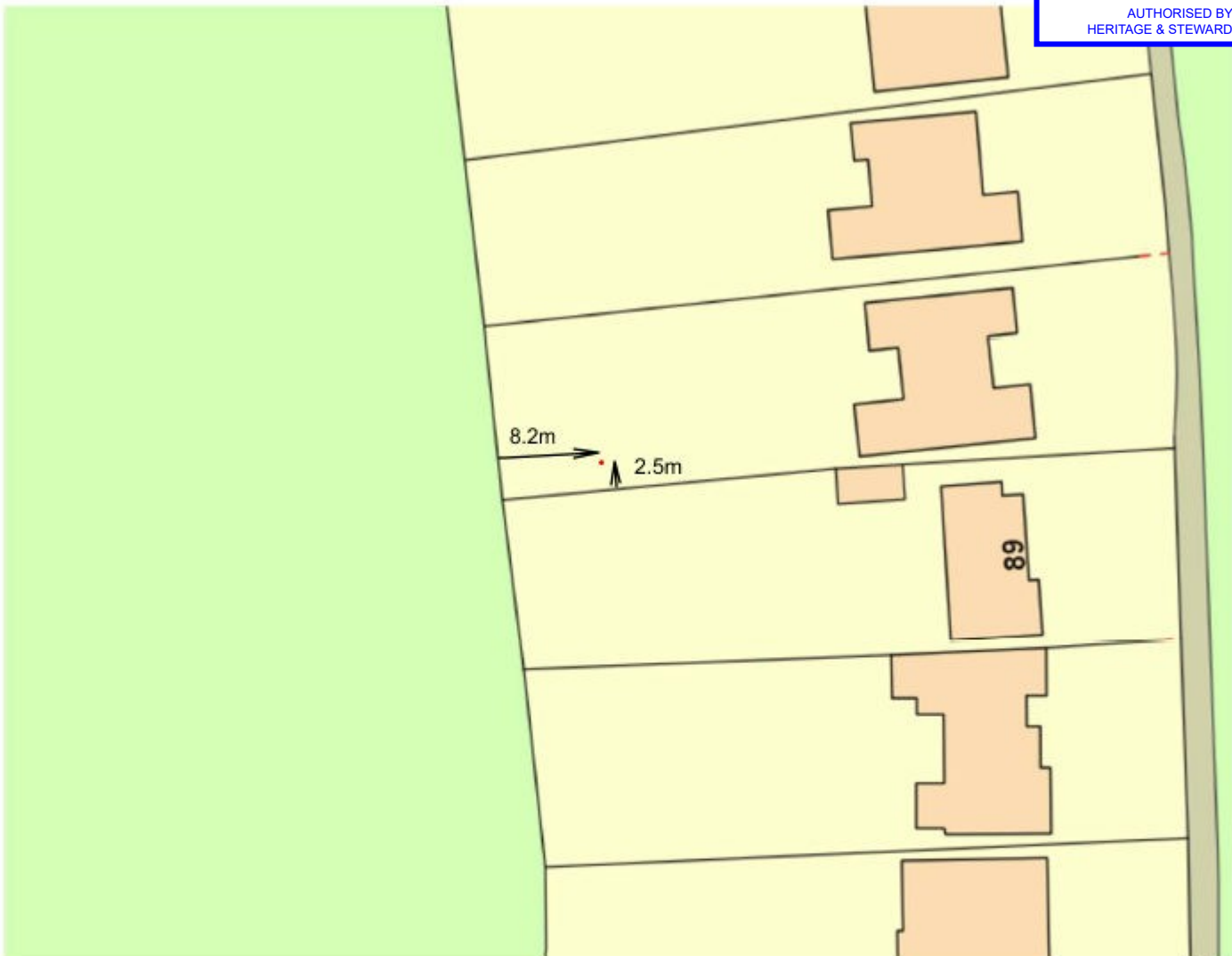


23rd July 2026

SUBJECT TO CONDITIONS

AUTHORISED BY THE
HERITAGE & STEWARDSHIP TEAM

87 Willian Way



WW/87/01 HA-001248

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87 Willian Way, Letchworth Garden City, SG6 2HY

Application for tilting domestic amateur radio aerial mast

The proposed mast will be a tilt over Tennamast Domestic Standard Mast for amateur radio. The fully raised height of the mast is 10.3m with a rotator and low profile antennas of up to 2m long mounted on top. When not in use, the mast can be nested down to 5.95m, or fully tilted down into the garden to a height of 1.4m, using an attached hand winch, as shown in the picture. The antennas have thin aluminium elements and would blend into the surrounding environment due to the height and density of the boundary trees which reach to approximately twice the mast height (trees are in excess of 20m tall).

The mast is weathered galvanised steel with a dark grey patina that would blend in well, the bottom cross section is 90mm x 90mm (~3.5 inches x 3.5 inches) - 5.2m long and the inner section that winches up is 76.1mm (3 inches) outside diameter.

The proposed position is 1.5m from the rear and 2.5m from left boundaries of the garden, where the mast will sit largely beneath the tree canopy for additional visual screening. This location was chosen specifically to minimise visibility from neighbouring properties and to maximise distance from radio frequency interference caused by solar panel equipment on a neighbouring property.

The rear boundary trees normally sit at a height around twice that of the proposed mast, although the neighbouring tenant decided to pollard the tree next to the mast whilst undergoing testing which is useful to show that one of the smaller trees, even after pollarding, is still higher than the proposed mast and it would blend in well.

For completeness, I enclose before and proposed photographs showing the boundary trees/vegetation with the mast temporarily placed (now removed). These images demonstrate that the mast has minimal visual impact.

This temporary test in the south west corner of the garden was carried out to diagnose the level of radio frequency interference caused by the neighbouring solar panel installation. This interference had previously been discussed with Letchworth Garden City Heritage Foundation, although the situation has never been remedied. The test confirmed that the south west corner was the most suitable position to minimise the interference, being the furthest point from the source. The test also demonstrated that the mast has minimal visual impact.

The mast is modest in scale and will be free standing. It does not require attachment to any building and would be mounted to concrete below the surface. The installation is fully reversible and can be removed without affecting the property.

Given the mast's discreet location, limited visual impact, and the technical need to avoid interference, I hope LGCHF will be able to grant consent to support my amateur radio hobby, which is currently affected by solar panel noise.