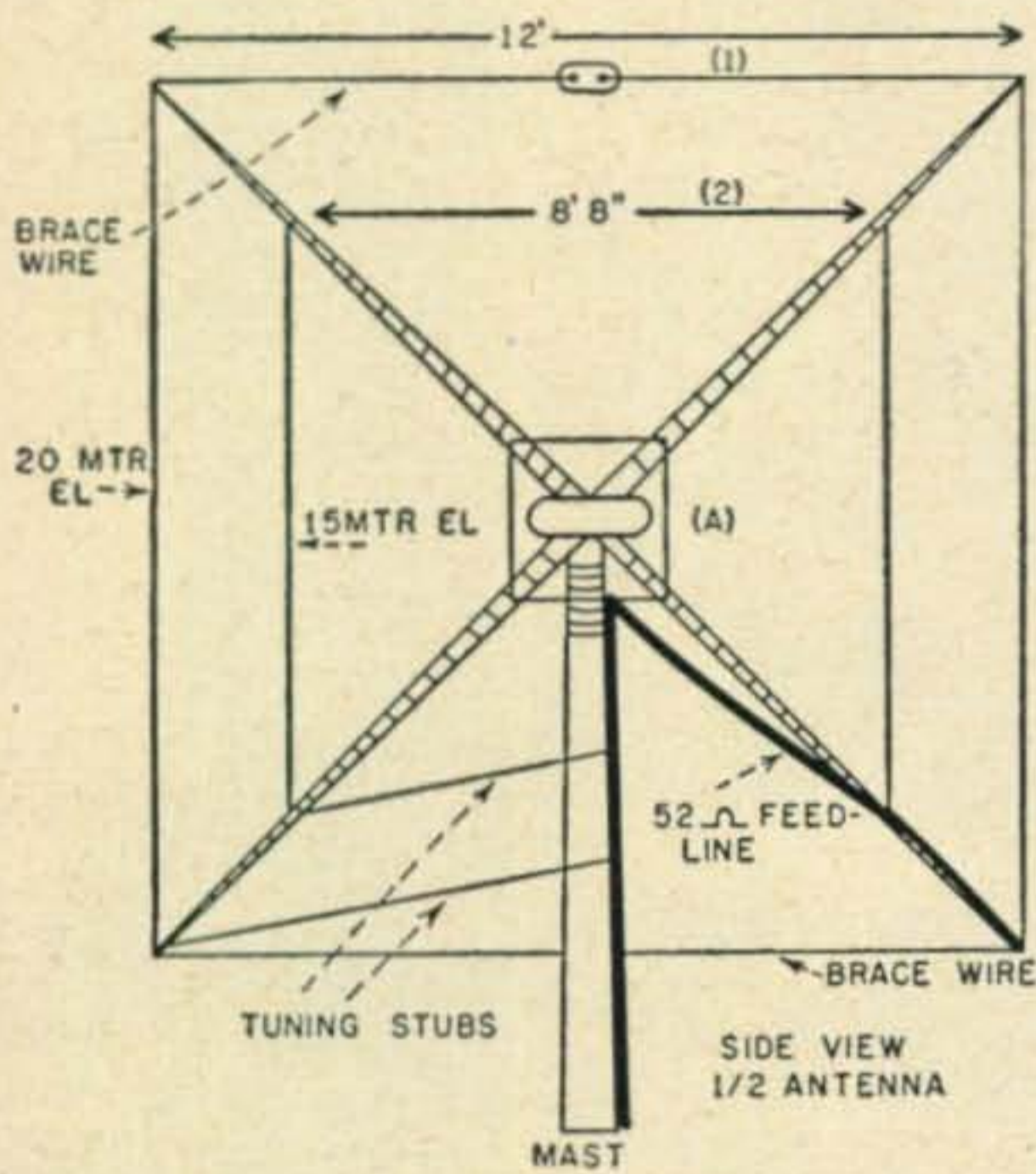


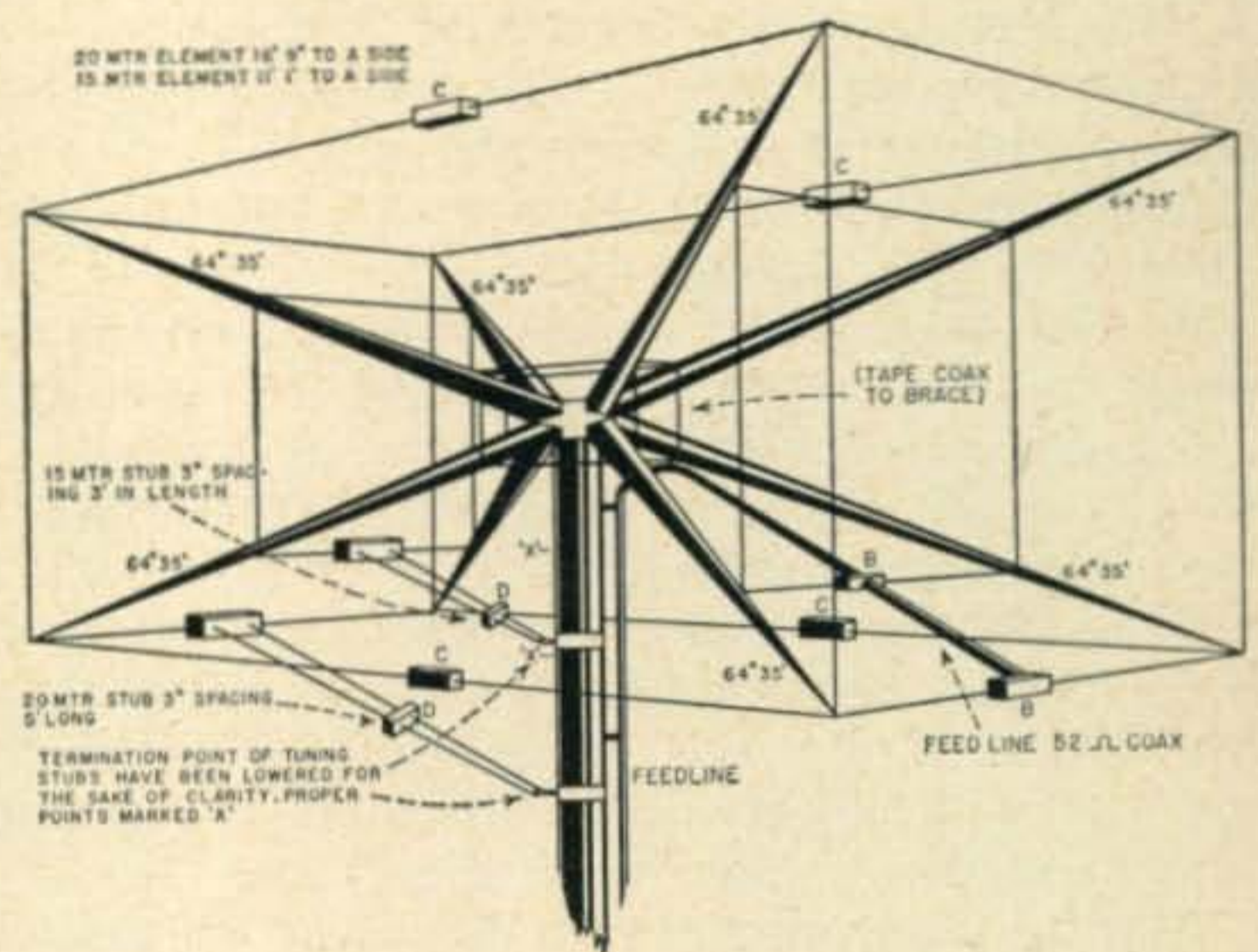
10-15-20 meter quad

Devilcatcher

Don Powell, WØAIN
Lewellen, Nebraska



Side View.



The neighbors stare, of course. The idea of this gadget was to build a quad as simply as possible and still have something that would be there after a few of our gentle breezes had caressed it.

By running the bamboo supports out at an angle the usual boom has been eliminated and we end up with an antenna that weighs about fifteen pounds. Credit for the angled support idea goes to WØZAA, with WØPZH at the slide rule for the angles and dimensions, plus the fabrication of the center welded support.

Only one feedline is used since it connects into both the twenty and fifteen meter quads. On ten meters the twenty meter quad works fine, presenting two full waves instead of one full wave.

The guy wires probably should be Glassline (April '55 CQ, p. 24), but I used some #18 wire broken in the center with a small insulator. The elements were #18 Copperweld wire which helps make the whole structure very strong, yet adding little to the weight.

The Devilcatcher is mounted on a 35 foot mast and has withstood several heavy storms (50-60 mph winds). Lots of good DX has been worked (40 countries in the first few weeks) and I'm real happy with it. And, best of all, the whole works cost under \$20! ■

